



MEETING AGENDA
North Carolina Board of Transportation
1 South Wilmington Street, Raleigh, North Carolina 27601
August 1-2, 2018

WEDNESDAY, August 1, 2018

10:30 AM -11:15AM

Road, Bridge & Ferry Naming Committee	Room 160
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11:15 AM – 1:00 PM

BREAK

1:00 PM – 2:00 PM

WORK SESSION – FULL BOARD ATTENDANCE

ROOM 150

Division of Motor Vehicles (DMV) Update	Commissioner Jessup
Legislative Update	Joy Hicks
FY19 Maintenance Allocations	Patrick Norman
HBCU Intern Update	Al Austin
Discussion of MPO/RPO Assignments	Chairman Fox
Product Evaluation Program Awareness	Chairman Fox
Cash Balance Update	Chairman Fox

2:00 PM – 2:10 PM

BREAK

2:10 PM – 3:30 PM

Highway Committee	Room 150
Multi- Modal Committee	EIC

3:30 PM – 3:40 PM

BREAK

3:40 PM – 5:00 PM

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

NORTH CAROLINA BOARD OF TRANSPORTATION MEETING

THURSDAY, August 2, 2018

9:00AM

Location: Room 150

- Swearing-in of New Board Member
- Call to Order
- Ethics Statement
- Approval of June 28, 2018 Meeting Minutes
- Secretary's Remarks

The Honorable Mark A. Davis
Chairman Fox
Chairman Fox
Chairman Fox
Secretary Trogon

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

ACTION

Policy: Use of Specific Funds for Internal Improvements at Public Schools

Chairman Fox

Approval of Projects

- (Item G) Additions, Abandonments, and Road Name Changes to State Secondary Road System
(Item I) Public Transportation Program
 - (Item I-1) Public Transportation
 - (Item I-1A) Public Transportation
 - (Item I-2) Rail Program(Item 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 R) Right of Way Resolutions and Ordinances
(Item S) Maintenance Allocations
(Item T) Submission of Comprehensive Transportation Plans for Mutual Adoption by the Board of Transportation

Committee Reports

Committee Chairs

Other Business

Chairman Fox

Adjourn

Chairman Fox

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

August 1-2, 2018

Delegated Authority Secretary Trogon

- (Item C) Award of Highway Construction Contracts from July 2018 Letting
- (Item D) Award of Contracts to Private Firms for Engineering Services
- (Item E) Funds for Secondary Road Improvement Projects –
Highway Fund and Highway Trust Fund **(No Item this Month)**
- (Item H) Funds for Division-wide Small Construction,
Statewide Contingency, Public Access, and Economic Development
- (Item L) Funds for Specific Spot Safety Improvement Projects

Action Chairman Fox

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

NCDOT Board of Transportation Agenda

ITEM C

July 2018

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

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JULY 17, 2018
DIVISION 00001

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C204212

2019CPT.01.01.10081.1, 2019CPT.01.01.10461.1, 2019CPT.01.01.10661.1

STATE FUNDED

BERTIE, HERTFORD, NORTHAMPTON

PROPOSAL LENGTH 32.000 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

LOCATION 5 SECTIONS OF NC-308, 3 SECTIONS OF NC-35, 2 SECTIONS OF US-13, AND 1 SECTION OF NC-305 AND NC-11.

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

RPN 001 2 BIDDER(S) DBE GOAL 5.00 %
ESTIMATE 6,399,819.43

DATE AVAILABLE AUG 27 2018

FINAL COMPLETION JUN 26 2020

	\$ TOTALS	% DIFF
ROSE BROTHERS PAVING CO INC AHOSKIE, NC	5,776,406.53	-9.7
BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC	6,549,171.78	+2.3

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JULY 17, 2018
DIVISION 00003

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C204201

2019CPT.03.01.10311, 2019CPT.03.01.20311

STATE FUNDED

DUPLIN

PROPOSAL LENGTH 18.970 MILES

TYPE OF WORK MILLING, RESURFACING & SHOULDER RECONSTRUCTION.

LOCATION 1 SECTION OF NC-50 AND 9 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2019..91% OF BID
FY-2020..09% OF BID

RPN 002 2 BIDDER(S) DBE GOAL 5.00 %
ESTIMATE 2,997,163.09

DATE AVAILABLE AUG 27 2018

FINAL COMPLETION AUG 31 2019

	\$ TOTALS	% DIFF
BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC	3,170,398.82	+5.8
ROSE BROTHERS PAVING CO INC AHOSKIE, NC	3,359,471.17	+12.1

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JULY 17, 2018
DIVISION 00005

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C204199
2020CPT.05.01.10351.1
STATE FUNDED
FRANKLIN

PROPOSAL LENGTH 11.820 MILES

TYPE OF WORK MILLING, RESURFACING, SIGNALS & SHOULDER RECONSTRUCTION.

LOCATION 1 SECTION OF US-1.

EST CONST PROGRESS.... FY-2019..79% OF BID
FY-2020..21% OF BID

RPN 003 4 BIDDER(S) DBE GOAL 7.00 %
ESTIMATE 5,676,755.36

DATE AVAILABLE SEP 15 2018

FINAL COMPLETION NOV 30 2019

	\$ TOTALS	% DIFF
ST WOOTEN CORPORATION WILSON, NC	4,552,690.14	-19.8
CAROLINA SUNROCK LLC RALEIGH, NC	4,576,495.97	-19.4
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	5,232,849.14	-7.8
THE LANE CONSTRUCTION CORPORATION CHESHIRE, CT	6,043,411.55	+6.5

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JULY 17, 2018
DIVISION 00005

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C204105
34506.3.12
STP-0401(249)
FRANKLIN, WAKE
R-2814C

PROPOSAL LENGTH 6.595 MILES

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

LOCATION US-401 FROM NC-96 TO SR-1103 (FLAT ROCK CHURCH RD/CLIFTON POND RD).

EST CONST PROGRESS.... FY-2019..32% OF BID
FY-2020..30% OF BID
FY-2021..24% OF BID
FY-2022..14% OF BID

RPN 004 5 BIDDER(S) DBE GOAL 10.00 %
ESTIMATE 38,074,115.26

DATE AVAILABLE AUG 27 2018

INTER COMPLETION JUN 15 2022 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION, OR
PERMANENT VEGETATION ESTABLISHMENT

FINAL COMPLETION DEC 12 2022

	\$ TOTALS	% DIFF
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	37,883,883.00	-0.5
W C ENGLISH INCORPORATED LYNCHBURG, VA	40,561,941.58	+6.5
BRANCH CIVIL INC ROANOKE, VA	41,017,937.84	+7.7
ST WOOTEN CORPORATION WILSON, NC	41,767,008.89	+9.7
SULLIVAN EASTERN INC MORRISVILLE, NC	47,192,690.76	+23.9

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JULY 17, 2018
DIVISION 00007

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C204106
34900.3.4
STP-0119(8)
ALAMANCE
U-3109B

PROPOSAL LENGTH 1.424 MILES

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

LOCATION NC-119 RELOCATION NORTH OF SR-1921 (MEBANE ROGERS RD) TO SOUTH OF SR-1918
(MRS WHITE RD).

EST CONST PROGRESS.... FY-2019..62% OF BID
FY-2020..38% OF BID

RPN 006 8 BIDDER(S) DBE GOAL 11.00 %

ESTIMATE 8,916,765.69

DATE AVAILABLE AUG 27 2018

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

FINAL COMPLETION NOV 28 2020

	\$ TOTALS	% DIFF
THALLE CONSTRUCTION CO., INC. HILLSBOROUGH, NC	8,151,660.80	-8.6
BRANCH CIVIL INC ROANOKE, VA	8,925,086.27	+0.1
W C ENGLISH INCORPORATED LYNCHBURG, VA	8,933,310.93	+0.2
APAC - ATLANTIC INC THOMPSON ARTHUR DIVISION GREENSBORO, NC	8,960,000.00	+0.5
TRIANGLE GRADING & PAVING INC BURLINGTON, NC	9,386,902.62	+5.3
JIMMY R LYNCH & SONS INC PILOT MOUNTAIN, NC	10,425,547.40	+16.9
BLYTHE CONSTRUCTION INC CHARLOTTE, NC	11,345,720.45	+27.2
CAROLINA SUNROCK LLC RALEIGH, NC	12,250,482.08	+37.4

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JULY 17, 2018
DIVISION 00010

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C204104
42376.3.1, 50127.3.1
STATE FUNDED, NHPP-077-1(219)23
MECKLENBURG
U-5114, I-5714

PROPOSAL LENGTH 1.226 MILES

TYPE OF WORK GRADING, DRAINAGE, PAVING, SIGNALS, RET WALLS & STRUCTURE.

LOCATION I-77/SR-2136/US-21 DIVERGING DIAMOND INTERCHANGE IN HUNTERSVILLE.

EST CONST PROGRESS.... FY-2019..40% OF BID
FY-2020..38% OF BID
FY-2021..22% OF BID

RPN 007 3 BIDDER(S) DBE GOAL 13.00 %
ESTIMATE 26,499,376.81

DATE AVAILABLE AUG 27 2018

INTER COMPLETION JUL 01 2021 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION, OR
PERMANENT VEGETATION ESTABLISHMENT

FINAL COMPLETION DEC 28 2021

	\$ TOTALS	% DIFF
BLYTHE CONSTRUCTION INC CHARLOTTE, NC	31,226,018.45	+17.8
BLYTHE DEVELOPMENT CO CHARLOTTE, NC	31,371,845.27	+18.4
UNITED INFRASTRUCTURE GROUP INC GREAT FALLS, SC	32,086,948.66	+21.1

ESTIMATE TOTAL	88,563,995.64	
LETTING TOTAL	90,761,057.74	+2.5

**NCDOT August 2018
Board of Transportation Agenda**

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

Professional Services Management

Chief Deputy Secretary

Deputy Secretary for Multi-Modal Transportation

Ferry 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 Ferry Division Professional Services LSC
Firm:	Mott MacDonald I&E LLC, Pittsburgh, PA
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$750,000.00
SPSF Utilization:	0%

Rail Division

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

STATEWIDE

Description of Work:	2018 General Rail Environmental Services LSC
Firm:	Axiom Environmental Inc, Raleigh, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	100%

Description of Work: 2018 General Rail Environmental Services LSC
Firm: HDR Engineering Inc of the Carolinas, Chicago, IL
Maximum Engineering Fee: \$1,000,000.00
SPSF Utilization: Axiom Environmental Inc
5% / \$50,000.00
SPSF Utilization: Ramey Kemp & Associates, Inc.
5% / \$50,000.00
SPSF Utilization: Commonwealth Heritage Group Inc
2.5% / \$25,000.00

Description of Work: 2018 General Rail Environmental Services LSC
Firm: H. W. Lochner, Inc., Raleigh, NC
Maximum Engineering Fee: \$1,000,000.00
DBE/WBE/SPSF Utilization: Ecological Engineering LLP
10% / \$100,000.00
SPSF Utilization: Axiom Environmental Inc
7% / \$70,000.00
SPSF Utilization: Sungate Design Group PA
5% / \$50,000.00
SPSF Utilization: R L Banks & Associates Inc
4% / \$40,000.00
SPSF Utilization: Commonwealth Heritage Group Inc
2% / \$20,000.00
DBE/WBE/SPSF Utilization: Mattson, Alexander and Associates, Inc.
2% / \$20,000.00

Description of Work: 2018 General Rail Environmental Services LSC
Firm: Johnson Mirmiran & Thompson Inc, Hunt Valley, MD
Maximum Engineering Fee: \$2,000,000.00
SPSF Utilization : Pinecone Transportation Professionals PLLC
10% / \$200,000.00
DBE/MBE/SPSF Utilization : Tech Engineering Group PLLC
4% / \$80,000.00
DBE/MBE/SPSF Utilization : Neighborhood Solutions LLC
4% / \$80,000.00
DBE/MBE/SPSF Utilization : Simpson Engineers & Associates PC
4% / \$80,000.00

Description of Work: 2018 General Rail Environmental Services LSC
Firm: Moffatt & Nichol Incorporated, Raleigh, NC
Maximum Engineering Fee: \$2,000,000.00
SPSF Utilization: Commonwealth Heritage Group Inc
2% / \$40,000.00
DBE/WBE/SPSF Utilization: Mattson, Alexander and Associates, Inc.
2% / \$40,000.00

Description of Work: 2018 General Rail Environmental Services LSC
Firm: Pinecone Transportation Professionals PLLC, Fuquay-
Varina, NC
Maximum Engineering Fee: \$1,000,000.00
SPSF Utilization: 100%

Description of Work: 2018 General Rail Environmental Services LSC
Firm: Rummel Klepper & Kahl LLP, Raleigh, NC
Maximum Engineering Fee: \$1,000,000.00
DBE/WBE/SPSF Utilization: New South Associates Inc
2% / \$20,000.00
SPSF Utilization: R L Banks & Associates Inc
2% / \$20,000.00
DBE/MBE/SPSF Utilization: MM/I and Associates LLC
1% / \$10,000.00
DBE/WBE/SPSF Utilization: Three Oaks Engineering
1% / \$10,000.00

Description of Work: 2018 General Rail Environmental Services LSC
Firm: Stantec Consulting Services Inc, Raleigh, NC
Maximum Engineering Fee: \$2,000,000.00
DBE/MBE/SPSF Utilization: Public Participation Partners
10% / \$200,000.00
SPSF Utilization: Sungate Design Group PA
8% / \$160,000.00
SPSF Utilization: Alderman Environmental Services Inc
2% / \$40,000.00

Description of Work: 2018 General Rail Environmental Services LSC
Firm: Three Oaks Engineering, Durham, NC
Maximum Engineering Fee: \$1,000,000.00
DBE/WBE/SPSF Utilization: 100%

Transportation Planning Division

Transportation Planning Division

After careful evaluation of the workload and schedules of the work that can be accomplished by our staff, it was determined necessary to employ a private firm for the North Carolina Statewide Multi-modal Transportation Plan (STP) on an as needed basis for various federal-aid and state funded projects to support the Transportation Planning Branch. This contract will expire two (2) years after the date of execution or after the contract amount has been depleted, whichever occurs first. Our staff has completed the actions for employing private firms in accordance with the policies and procedures adopted by the Board on May 7, 2009. This is for information only.

STATEWIDE

Description of Work:	North Carolina Statewide Multi-modal Transportation Plan (STP) LSC
Firm:	WSP USA Inc, Raleigh, NC
Maximum Engineering Fee:	\$3,000,000.00
SPSF Utilization:	0%

Chief Operating Officer

Division of Planning and Programming

STIP, Feasibility Studies, and Strategic Prioritization (SPOT)

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 any or all facets of programming, including project funds management, STIP development/analysis/reporting, and prioritization, excluding the development of feasibility studies, on an as needed basis for various federal-aid and state funded projects to support the Division of Planning & Programming. These contracts will expire two (2) years; with two (2) one-year extensions possible after the date of execution or after the contract amount has been depleted, whichever occurs first. Our staff has completed the actions for employing private firms in accordance with the policies and procedures adopted by the Board on May 7, 2009. This is for information only.

STATEWIDE

Description of Work:	2018 General Programming and Prioritization Services LSC
Firm:	AECOM Technical Services of North Carolina Inc, Chicago, IL
Maximum Engineering Fee:	\$1,000,00.00
SPSF Utilization:	0%

Description of Work:	2018 General Programming and Prioritization Services LSC
Firm:	Cambridge Systematics Inc, Cambridge, MA
Maximum Engineering Fee:	\$2,000,000.00
SPSF Utilization:	0%

Description of Work:	2018 General Programming and Prioritization Services LSC
Firm:	Gannett Fleming Inc, Raleigh, NC
Maximum Engineering Fee:	\$300,000.00
SPSF Utilization :	0%

Description of Work:	2018 General Programming and Prioritization Services LSC
Firm:	Timmons Group Inc, Raleigh, NC
Maximum Engineering Fee:	\$300,000.00
SPSF Utilization:	0%

Description of Work:	2018 General Programming and Prioritization Services LSC
Firm:	VHB Engineering NC, P.C., Watertown, MA
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	0%

Chief Engineer

Field Support

Right of Way Unit

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

DIVISION 8

Project:	50218.2.1 (R-5726) Moore County NC 211 from NC 73 in West End to West of SR 1241 (Holly Grove School Road) Widen to Multilanes
Scope of Work:	Right of Way acquisition, negotiations, legal, appraisal and relocation assistance
Estimated Construction Cost:	\$26,000,000.00
Firm:	O. R. Colan Associates LLC, Charlotte, NC
Maximum Engineering Fee:	\$1,139,829.10
SPSF Utilization:	0%

August 2, 2018

Divisions

Divisions 1-4 and 6

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

DIVISIONS 1-4 and 6

Description of Work:	2015 Eastern Region Highway Divisions (Divisions 1, 2, 3, 4, and 6) Planning and Design LSC
Firm:	Michael Baker Engineering, Inc., Cary, NC
Original Engineering Fee:	\$3,000,000.00
Previous Supplemental Fee:	\$12,000,000.00
Supplemental Fee:	\$3,000,000.00
SPSF Utilization:	Sungate Design Group PA 15% / \$450,000.00
SPSF Utilization:	Hinde Engineering Inc 2% / \$60,000.00
SPSF Utilization:	Ramey Kemp & Associates, Inc. 2% / \$60,000.00
SPSF Utilization:	Southeastern Right of Way LLC 2% / \$60,000.00
DBE/WBE/SPSF Utilization:	Dovetail Cultural Resource Group Inc 2% / \$60,000.00

Division 8

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 8. 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 8

Description of Work:	2018 Western Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	Wood Environment & Infrastructure Solutions Inc, Chicago, IL
Maximum Engineering Fee:	\$1,500,000.00
DBE/WBE/SPSF Utilization:	Three Oaks Engineering 10% / \$150,000.00
SPSF Utilization:	Hinde Engineering Inc 5% / \$75,000.00

August 2, 2018

Description of Work: 2018 Western 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: \$1,500,000.00
SPSF Utilization: Hinde Engineering Inc
3% / \$45,000.00
SPSF Utilization: MI Engineering PLLC
3% / \$45,000.00
DBE/WBE/SPSF Utilization: Simon Resources Inc
1% / \$15,000.00
DBE/MBE/SPSF Utilization: Neighborhood Solutions LLC
1% / \$15,000.00
DBE/WBE/SPSF Utilization: Three Oaks Engineering
2% / \$30,000.00
SPSF Utilization: Clearbox Forecast Group PLLC
1% / \$15,000.00

Description of Work: 2018 Western 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: \$1,500,000.00
DBE/WBE/SPSF Utilization: Ecological Engineering LLP
4% / \$60,000.00
SPSF Utilization: Hinde Engineering Inc
2% / \$30,000.00
SPSF Utilization: MI Engineering PLLC
2% / \$30,000.00
SPSF Utilization: Ramey Kemp & Associates, Inc.
1% / \$15,000.00

Description of Work: 2018 Western Divisions' Planning & Design
Engineering Services Consultant (P&DSC) and
General Engineering Services Consultant (GESC) LSC
Firm: CH Engineering PLLC, Raleigh, NC
Maximum Engineering Fee: \$1,500,000.00
DBE/WBE/SPSF Utilization: 100%

Description of Work: 2018 Western 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: \$1,500,000.00
SPSF Utilization: Hinde Engineering Inc
4% / \$60,000.00
DBE/WBE/SPSF Utilization: Ecological Engineering LLP
8% / \$120,000.00
SPSF Utilization: Sungate Design Group PA
7% / \$105,000.00
DBE/MBE/SPSF Utilization: Simpson Engineers & Associates PC
4% / \$60,000.00
DBE/WBE/SPSF Utilization: Falcon Engineering Inc
4% / \$60,000.00
DBE/MBE/SPSF Utilization: Mekuria Engineering, Inc
4% / \$60,000.00

Description of Work: 2018 Western 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
5% / \$75,000.00
DBE/WBE/SPSF Utilization: CH Engineering PLLC
2% / \$30,000.00
SPSF Utilization: Mattern & Craig Inc
2% / \$30,000.00
SPSF Utilization: Patriot Transportation Engineering PLLC
1% / \$15,000.00
SPSF Utilization: Ramey Kemp & Associates, Inc.
2% / \$30,000.00
DBE/WBE/SPSF Utilization: Three Oaks Engineering
2% / \$30,000.00
SPSF Utilization: Utility Coordination Consultants
2% / \$30,000.00

Description of Work: 2018 Western Divisions' Planning & Design
Engineering Services Consultant (P&DSC) and
General Engineering Services Consultant (GESC) LSC
HNTB of North Carolina PC, Raleigh, NC

Firm:

Maximum Engineering Fee: \$1,500,000.00

DBE/WBE/SPSF Utilization: CH Engineering PLLC
5% / \$75,000.00

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

DBE/MBE/SPSF Utilization: MA Engineering Consultants Inc
5% / \$75,000.00

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

Description of Work: 2018 Western Divisions' Planning & Design
Engineering Services Consultant (P&DSC) and
General Engineering Services Consultant (GESC) LSC
Kimley-Horn & Associates Inc, Raleigh, NC

Firm:

Maximum Engineering Fee: \$1,500,000.00

DBE/WBE/SPSF Utilization: CH Engineering PLLC
8% / \$120,000.00

Description of Work: 2018 Western Divisions' Planning & Design
Engineering Services Consultant (P&DSC) and
General Engineering Services Consultant (GESC) LSC
LJB Inc, Miamisburg, OH

Firm:

Maximum Engineering Fee: \$1,500,000.00

SPSF Utilization: 100%

Description of Work: 2018 Western Divisions' Planning & Design
Engineering Services Consultant (P&DSC) and
General Engineering Services Consultant (GESC) LSC
Moffatt & Nichol Incorporated, Raleigh, NC

Firm:

Maximum Engineering Fee: \$1,500,000.00

SPSF Utilization: Commonwealth Heritage Group Inc
2% / \$30,000.00

DBE/MBE/SPSF Utilization: MA Engineering Consultants Inc
2% / \$30,000.00

SPSF Utilization: Davis-Martin-Powell & Associates Inc
2% / \$30,000.00

DBE/WBE/SPSF Utilization: Falcon Engineering Inc
2% / \$30,000.00

SPSF Utilization: Ramey Kemp & Associates, Inc.
2% / \$30,000.00

DBE/MBE/SPSF Utilization: Vistabution LLC
2% / \$30,000.00

Description of Work:	2018 Western Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	Ramey Kemp & Associates, Inc., Raleigh, NC
Maximum Engineering Fee:	\$1,500,000.00
SPSF Utilization:	100%

Description of Work:	2018 Western 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:	Clearbox Forecast Group PLLC 1% / \$15,000.00
SPSF Utilization:	Carolina Ecosystems Inc 2% / \$30,000.00
SPSF Utilization:	Commonwealth Heritage Group Inc 1% / \$15,000.00
DBE/WBE/SPSF Utilization:	Planning Communities, LLC 4% / \$60,000.00

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
Maximum Engineering Fee:	\$3,000,000.00
SPSF Utilization:	0%

Description of Work:	2018 Western 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:	\$1,500,000.00
SPSF Utilization:	Hinde Engineering Inc 4% / \$60,000.00
SPSF Utilization:	MI Engineering PLLC 5% / \$75,000.00

Description of Work:	2018 Western 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
DBE/WBE/SPSF Utilization:	Ecological Engineering LLP 10% / \$150,000.00
SPSF Utilization:	Municipal Engineering Services Company PA 2% / \$30,000.00
SPSF Utilization:	MI Engineering PLLC 4% / \$60,000.00
DBE/WBE/SPSF Utilization:	New South Associates Inc 2% / \$30,000.00
SPSF Utilization:	Patriot Transportation Engineering PLLC 6% / \$90,000.00
SPSF Utilization:	Ramey Kemp & Associates, Inc. 8% / \$120,000.00

Description of Work:	2018 Western Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	STV Engineers, Inc., Charlotte, NC
Maximum Engineering Fee:	\$1,500,000.00
DBE/MBE/SPSF Utilization:	Baseline Mobility Group Inc 1% / \$15,000.00
SPSF Utilization:	Carolina Land Acquisitions Inc 2% / \$30,000.00
DBE/WBE/SPSF Utilization:	CH Engineering PLLC 2% / \$30,000.00
SPSF Utilization:	Progressive Design Group, Inc. 2% / \$30,000.00
DBE/WBE/SPSF Utilization:	Three Oaks Engineering 1% / \$15,000.00
DBE/WBE/SPSF Utilization:	Mattson, Alexander and Associates, Inc. 1% / \$15,000.00

Description of Work:	2018 Western 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:	\$1,500,000.00
SPSF Utilization:	100%

Description of Work:	2018 Western 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:	2018 Western 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:	Carolina Land Acquisitions Inc 1% / \$30,000.00
DBE/WBE/SPSF Utilization:	Ecological Engineering LLP 7% / \$210,000.00
DBE/WBE/SPSF Utilization:	Falcon Engineering Inc 1% / \$30,000.00
SPSF Utilization:	Hinde Engineering Inc 3% / \$90,000.00
SPSF Utilization:	Sungate Design Group PA 2% / \$60,000.00
SPSF Utilization:	TGS Engineers 8% / \$240,000.00

Division 9

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 9. 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 9

Description of Work:	2018 Western Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	Wood Environment & Infrastructure Solutions Inc, Chicago, IL
Maximum Engineering Fee:	\$2,000,000.00
DBE/WBE/SPSF Utilization:	Three Oaks Engineering 10% / \$200,000.00
SPSF Utilization:	Hinde Engineering Inc 5% / \$100,000.00

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Description of Work: 2018 Western Divisions' Planning & Design
Engineering Services Consultant (P&DSC) and
General Engineering Services Consultant (GESC) LSC
Firm: ATCS PLC, Herndon, VA
Maximum Engineering Fee: \$2,000,000.00
SPSF Utilization: TGS Engineers
20% / \$400,000.00
SPSF Utilization: Hinde Engineering Inc
2% / \$40,000.00

Description of Work: 2018 Western 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: \$3,000,000.00
DBE/WBE/SPSF Utilization: Ecological Engineering LLP
4% / \$120,000.00
SPSF Utilization: Hinde Engineering Inc
2% / \$60,000.00
SPSF Utilization: MI Engineering PLLC
2% / \$60,000.00
SPSF Utilization: Ramey Kemp & Associates, Inc.
1% / \$30,000.00

Description of Work: 2018 Western Divisions' Planning & Design
Engineering Services Consultant (P&DSC) and
General Engineering Services Consultant (GESC) LSC
Firm: Dewberry Engineers Inc, Raleigh, NC
Maximum Engineering Fee: \$3,000,000.00
SPSF Utilization: Mattern & Craig Inc
3% / \$90,000.00
DBE/WBE/SPSF Utilization: Three Oaks Engineering
5% / \$150,000.00

Description of Work: 2018 Western 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
5% / \$150,000.00
DBE/WBE/SPSF Utilization: CH Engineering PLLC
2% / \$60,000.00
SPSF Utilization: Mattern & Craig Inc
2% / \$60,000.00
SPSF Utilization: Patriot Transportation Engineering PLLC
1% / \$30,000.00
SPSF Utilization: Ramey Kemp & Associates, Inc.
2% / \$60,000.00
DBE/WBE/SPSF Utilization: Three Oaks Engineering
2% / \$60,000.00
SPSF Utilization: Utility Coordination Consultants
2% / \$60,000.00

Description of Work: 2018 Western 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: \$2,000,000.00
SPSF Utilization: Hinde Engineering Inc
5% / \$100,000.00
SPSF Utilization: MI Engineering PLLC
5% / \$100,000.00
DBE/MBE/SPSF Utilization: MA Engineering Consultants Inc
5% / \$100,000.00
SPSF Utilization: Parrish and Partners of North Carolina LLC
5% / \$100,000.00
SPSF Utilization: LJB Inc
5% / \$100,000.00

Description of Work: 2018 Western 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: \$3,000,000.00
SPSF Utilization: Axiom Environmental Inc
1% / \$30,000.00
DBE/WBE/SPSF Utilization: Ecological Engineering LLP
1% / \$30,000.00
DBE/MBE/SPSF Utilization: Simpson Engineers & Associates PC
1% / \$30,000.00
SPSF Utilization: The Wooten Company
1% / \$30,000.00

Description of Work: 2018 Western 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: \$3,000,000.00
SPSF Utilization: Clearbox Forecast Group PLLC
1% / \$30,000.00
SPSF Utilization: Carolina Ecosystems Inc
2% / \$60,000.00
SPSF Utilization: Commonwealth Heritage Group Inc
1% / \$30,000.00
DBE/WBE/SPSF Utilization: Planning Communities, LLC
4% / \$120,000.00

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
Maximum Engineering Fee: \$5,000,000.00
SPSF Utilization: 0%

Description of Work: 2018 Western 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
4% / \$80,000.00
SPSF Utilization: MI Engineering PLLC
5% / \$100,000.00

Description of Work: 2018 Western 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: 2018 Western 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: \$5,000,000.00
SPSF Utilization: Alpha & Omega Group PC
1% / \$50,000.00
SPSF Utilization: Catlin Engineers and Scientists
1% / \$50,000.00
DBE/WBE/SPSF Utilization: Ecological Engineering LLP
2% / \$100,000.00
SPSF Utilization: Exult Engineering PC
1% / \$50,000.00
DBE/WBE/SPSF Utilization: Falcon Engineering Inc
2% / \$100,000.00
SPSF Utilization: Hinde Engineering Inc
2% / \$100,000.00
SPSF Utilization: MI Engineering PLLC
1% / \$50,000.00
SPSF Utilization: Patriot Transportation Engineering PLLC
2% / \$100,000.00
SPSF Utilization: Sungate Design Group PA
4% / \$200,000.00
SPSF Utilization: Utility Coordination Consultants
1% / \$50,000.00

Description of Work: 2018 Western Divisions' Planning & Design
Engineering Services Consultant (P&DSC) and
General Engineering Services Consultant (GESC) LSC
Firm: STV Engineers, Inc., Charlotte, NC
Maximum Engineering Fee: \$2,000,000.00
DBE/MBE/SPSF Utilization: Baseline Mobility Group Inc
1% / \$20,000.00
SPSF Utilization: Carolina Land Acquisitions Inc
2% / \$40,000.00
DBE/WBE/SPSF Utilization: CH Engineering PLLC
2% / \$40,000.00
SPSF Utilization: Progressive Design Group, Inc.
2% / \$40,000.00
DBE/WBE/SPSF Utilization: Three Oaks Engineering
1% / \$20,000.00
DBE/WBE/SPSF Utilization: Mattson, Alexander and Associates, Inc.
1% / \$20,000.00

Description of Work: 2018 Western 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: Carolina Land Acquisitions Inc
1% / \$20,000.00
DBE/WBE/SPSF Utilization: Ecological Engineering LLP
7% / \$140,000.00
DBE/WBE/SPSF Utilization: Falcon Engineering Inc
1% / \$20,000.00
SPSF Utilization: Hinde Engineering Inc
3% / \$60,000.00
SPSF Utilization: Sungate Design Group PA
2% / \$40,000.00
SPSF Utilization: TGS Engineers
8% / \$160,000.00

Description of Work: 2018 Western 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:	2018 Western 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
DBE/MBE/SPSF Utilization:	Public Participation Partners 3% / \$60,000.00
SPSF Utilization:	Utility Coordination Consultants 3% / \$60,000.00

Division 10

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 10. 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 10

Description of Work:	2018 Western 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:	\$2,000,000.00
DBE/WBE/SPSF Utilization:	Wetherill Engineering, Inc. 5% / \$100,000.00
DBE/WBE/SPSF Utilization:	Ecological Engineering LLP 3% / \$60,000.00
SPSF Utilization:	Ramey Kemp & Associates, Inc. 5% / \$100,000.00
SPSF Utilization:	Patriot Transportation Engineering PLLC 5% / \$100,000.00

Description of Work:	2018 Western Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESc) LSC
Firm:	ATCS PLC, Herndon, VA
Maximum Engineering Fee:	\$2,000,000.00
SPSF Utilization:	TGS Engineers 20% / \$400,000.00
SPSF Utilization:	Hinde Engineering Inc 2% / \$40,000.00

Description of Work: 2018 Western 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
3% / \$90,000.00
SPSF Utilization: MI Engineering PLLC
3% / \$90,000.00
DBE/WBE/SPSF Utilization: Simon Resources Inc
1% / \$30,000.00
DBE/MBE/SPSF Utilization: Neighborhood Solutions LLC
1% / \$30,000.00
DBE/WBE/SPSF Utilization: Three Oaks Engineering
2% / \$60,000.00
SPSF Utilization: Clearbox Forecast Group PLLC
1% / \$30,000.00

Description of Work: 2018 Western 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
DBE/WBE/SPSF Utilization: Ecological Engineering LLP
4% / \$80,000.00
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: 2018 Western Divisions' Planning & Design
Engineering Services Consultant (P&DSC) and
General Engineering Services Consultant (GESC) LSC
Firm: CH Engineering PLLC, Raleigh, NC
Maximum Engineering Fee: \$2,000,000.00
DBE/WBE/SPSF Utilization: 100%

Description of Work: 2018 Western 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: Mattern & Craig Inc
3% / \$60,000.00
DBE/WBE/SPSF Utilization: Three Oaks Engineering
5% / \$100,000.00

Description of Work: 2018 Western Divisions' Planning & Design
Engineering Services Consultant (P&DSC) and
General Engineering Services Consultant (GESC) LSC
Firm: DRMP Inc, Charlotte, NC
Maximum Engineering Fee: \$3,000,000.00
SPSF Utilization: Environmental Services Inc
5% / \$150,000.00
SPSF Utilization: Hinde Engineering Inc
5% / \$150,000.00
SPSF Utilization: Patriot Transportation Engineering PLLC
5% / \$150,000.00
SPSF Utilization: Sungate Design Group PA
5% / \$150,000.00

Description of Work: 2018 Western Divisions' Planning & Design
Engineering Services Consultant (P&DSC) and
General Engineering Services Consultant (GESC) LSC
Firm: Gannett Fleming Inc, Raleigh, NC
Maximum Engineering Fee: \$3,000,000.00
SPSF Utilization: Mattern & Craig Inc
8% / \$240,000.00
SPSF Utilization: MI Engineering PLLC
8% / \$240,000.00
DBE/WBE/SPSF Utilization: Three Oaks Engineering
7% / \$210,000.00

Description of Work: 2018 Western 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
5% / \$100,000.00
DBE/WBE/SPSF Utilization: CH Engineering PLLC
2% / \$40,000.00
SPSF Utilization: Mattern & Craig Inc
2% / \$40,000.00
SPSF Utilization: Patriot Transportation Engineering PLLC
1% / \$20,000.00
SPSF Utilization: Ramey Kemp & Associates, Inc.
2% / \$40,000.00
DBE/WBE/SPSF Utilization: Three Oaks Engineering
2% / \$40,000.00
SPSF Utilization: Utility Coordination Consultants
2% / \$40,000.00

Description of Work: 2018 Western 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: Hinde Engineering Inc
5% / \$100,000.00
DBE/MBE/SPSF Utilization: MA Engineering Consultants Inc
5% / \$100,000.00
SPSF Utilization: MI Engineering PLLC
5% / \$100,000.00

Description of Work: 2018 Western 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: 2018 Western 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
DBE/WBE/SPSF Utilization: CH Engineering PLLC
8% / \$240,000.00

Description of Work: 2018 Western 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: \$3,000,000.00
DBE/WBE/SPSF Utilization: Dovetail Cultural Resource Group | Inc
1% / \$30,000.00
DBE/WBE/SPSF Utilization: Ecological Engineering LLP
2% / \$60,000.00
SPSF Utilization: Equinox Environmental Consultation & Design Inc
1% / \$30,000.00
SPSF Utilization: Mattern & Craig Inc
1% / \$30,000.00
SPSF Utilization: Ramey Kemp & Associates, Inc.
3% / \$90,000.00
SPSF Utilization: TGS Engineers
1% / \$30,000.00
DBE/WBE/SPSF Utilization: Three Oaks Engineering
2% / \$60,000.00

Description of Work: 2018 Western 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: \$2,000,000.00
DBE/MBE/SPSF Utilization: 100%

Description of Work: 2018 Western 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: 0%

Description of Work: 2018 Western 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: \$3,000,000.00
SPSF Utilization: Axiom Environmental Inc
1% / \$30,000.00
DBE/WBE/SPSF Utilization: Ecological Engineering LLP
1% / \$30,000.00
DBE/MBE/SPSF Utilization: Simpson Engineers & Associates PC
1% / \$30,000.00
SPSF Utilization: The Wooten Company
1% / \$30,000.00

Description of Work:	2018 Western Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	Ramey Kemp & Associates, Inc., Raleigh, NC
Maximum Engineering Fee:	\$3,000,000.00
SPSF Utilization:	100%

Description of Work:	2018 Western 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:	\$3,000,000.00
SPSF Utilization:	Clearbox Forecast Group PLLC 1% / \$30,000.00
SPSF Utilization:	Carolina Ecosystems Inc 2% / \$60,000.00
SPSF Utilization:	Commonwealth Heritage Group Inc 1% / \$30,000.00
DBE/WBE/SPSF Utilization:	Planning Communities, LLC 4% / \$120,000.00

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
Maximum Engineering Fee:	\$3,000,000.00
SPSF Utilization:	0%

Description of Work:	2018 Western 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:	\$3,000,000.00
SPSF Utilization:	Hinde Engineering Inc 4% / \$120,000.00
SPSF Utilization:	MI Engineering PLLC 5% / \$150,000.00

Description of Work:	2018 Western 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:	\$3,000,000.00
SPSF Utilization:	Alpha & Omega Group PC 1% / \$30,000.00
SPSF Utilization:	Catlin Engineers and Scientists 1% / \$30,000.00
DBE/WBE/SPSF Utilization:	Ecological Engineering LLP 2% / \$60,000.00
SPSF Utilization:	Exult Engineering PC 1% / \$30,000.00
DBE/WBE/SPSF Utilization:	Falcon Engineering Inc 2% / \$60,000.00
SPSF Utilization:	Hinde Engineering Inc 2% / \$60,000.00
SPSF Utilization:	MI Engineering PLLC 1% / \$30,000.00
SPSF Utilization:	Patriot Transportation Engineering PLLC 2% / \$60,000.00
SPSF Utilization:	Sungate Design Group PA 4% / \$120,000.00
SPSF Utilization:	Utility Coordination Consultants 1% / \$30,000.00

Description of Work:	2018 Western 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
DBE/WBE/SPSF Utilization:	Ecological Engineering LLP 10% / \$200,000.00
SPSF Utilization:	Municipal Engineering Services Company PA 2% / \$40,000.00
SPSF Utilization:	MI Engineering PLLC 4% / \$80,000.00
DBE/WBE/SPSF Utilization:	New South Associates Inc 2% / \$40,000.00
SPSF Utilization:	Patriot Transportation Engineering PLLC 6% / \$120,000.00
SPSF Utilization:	Ramey Kemp & Associates, Inc. 8% / \$160,000.00

Description of Work: 2018 Western Divisions' Planning & Design
Engineering Services Consultant (P&DSC) and
General Engineering Services Consultant (GESC) LSC
Firm: STV Engineers, Inc., Charlotte, NC
Maximum Engineering Fee: \$2,000,000.00
DBE/MBE/SPSF Utilization: Baseline Mobility Group Inc
1% / \$20,000.00
SPSF Utilization: Carolina Land Acquisitions Inc
2% / \$40,000.00
DBE/WBE/SPSF Utilization: CH Engineering PLLC
2% / \$40,000.00
SPSF Utilization: Progressive Design Group, Inc.
2% / \$40,000.00
DBE/WBE/SPSF Utilization: Three Oaks Engineering
1% / \$20,000.00
DBE/WBE/SPSF Utilization: Mattson, Alexander and Associates, Inc.
1% / \$20,000.00

Description of Work: 2018 Western 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: 2018 Western Divisions' Planning & Design
Engineering Services Consultant (P&DSC) and
General Engineering Services Consultant (GESC) LSC
Firm: Timmons Group Inc, Raleigh, NC
Maximum Engineering Fee: \$2,000,000.00
SPSF Utilization: TGS Engineers
10% / \$200,000.00

Description of Work:	2018 Western 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:	Carolina Land Acquisitions Inc 1% / \$30,000.00
DBE/WBE/SPSF Utilization:	Ecological Engineering LLP 7% / \$210,000.00
DBE/WBE/SPSF Utilization:	Falcon Engineering Inc 1% / \$30,000.00
SPSF Utilization:	Hinde Engineering Inc 3% / \$90,000.00
SPSF Utilization:	Sungate Design Group PA 2% / \$60,000.00
SPSF Utilization:	TGS Engineers 8% / \$240,000.00

Description of Work:	2018 Western 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
DBE/MBE/SPSF Utilization:	Public Participation Partners 3% / \$90,000.00
SPSF Utilization:	Utility Coordination Consultants 3% / \$90,000.00

Division 11

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 11. 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 11

Description of Work: 2018 Western 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: \$2,000,000.00
DBE/WBE/SPSF Utilization: Wetherill Engineering, Inc.
5% / \$100,000.00
DBE/WBE/SPSF Utilization: Ecological Engineering LLP
3% / \$60,000.00
SPSF Utilization: Ramey Kemp & Associates, Inc.
5% / \$100,000.00
SPSF Utilization: Patriot Transportation Engineering PLLC
5% / \$100,000.00

Description of Work: 2018 Western 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: \$4,000,000.00
DBE/WBE/SPSF Utilization: Ecological Engineering LLP
4% / \$160,000.00
SPSF Utilization: Hinde Engineering Inc
2% / \$80,000.00
SPSF Utilization: MI Engineering PLLC
2% / \$80,000.00
SPSF Utilization: Ramey Kemp & Associates, Inc.
1% / \$40,000.00

Description of Work: 2018 Western 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
DBE/WBE/SPSF Utilization: Three Oaks Engineering
10% / \$200,000.00

Description of Work: 2018 Western Divisions' Planning & Design
Engineering Services Consultant (P&DSC) and
General Engineering Services Consultant (GESC) LSC
Firm: DRMP Inc, Charlotte, NC
Maximum Engineering Fee: \$3,000,000.00
SPSF Utilization: Environmental Services Inc
5% / \$150,000.00
SPSF Utilization: Hinde Engineering Inc
5% / \$150,000.00
SPSF Utilization: Patriot Transportation Engineering PLLC
5% / \$150,000.00
SPSF Utilization: Sungate Design Group PA
5% / \$150,000.00

Description of Work: 2018 Western Divisions' Planning & Design
Engineering Services Consultant (P&DSC) and
General Engineering Services Consultant (GESC) LSC
Firm: Gannett Fleming Inc, Raleigh, NC
Maximum Engineering Fee: \$2,000,000.00
SPSF Utilization: Mattern & Craig Inc
8% / \$160,000.00
SPSF Utilization: MI Engineering PLLC
8% / \$160,000.00
DBE/WBE/SPSF Utilization: Three Oaks Engineering
7% / \$140,000.00

Description of Work: 2018 Western 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 | Inc
1% / \$40,000.00
DBE/WBE/SPSF Utilization: Ecological Engineering LLP
2% / \$80,000.00
SPSF Utilization: Equinox Environmental Consultation & Design Inc
1% / \$40,000.00
SPSF Utilization: Mattern & Craig Inc
1% / \$40,000.00
SPSF Utilization: Ramey Kemp & Associates, Inc.
3% / \$120,000.00
SPSF Utilization: TGS Engineers
1% / \$40,000.00
DBE/WBE/SPSF Utilization: Three Oaks Engineering
2% / \$80,000.00

Description of Work:	2018 Western 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:	\$2,000,000.00
DBE/MBE/SPSF Utilization:	100%

Description of Work:	2018 Western Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESc) LSC
Firm:	Mattern & Craig Inc, Asheville, NC
Maximum Engineering Fee:	\$2,000,000.00
SPSF Utilization:	100%

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
Maximum Engineering Fee:	\$4,000,000.00
SPSF Utilization:	0%

Description of Work:	2018 Western Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESc) LSC
Firm:	Stewart, Philadelphia, PA
Maximum Engineering Fee:	\$3,000,000.00
DBE/WBE/SPSF Utilization:	Ecological Engineering LLP 10% / \$300,000.00
SPSF Utilization:	Municipal Engineering Services Company PA 2% / \$60,000.00
SPSF Utilization:	MI Engineering PLLC 4% / \$120,000.00
DBE/WBE/SPSF Utilization:	New South Associates Inc 2% / \$80,000.00
SPSF Utilization:	Patriot Transportation Engineering PLLC 6% / \$180,000.00
SPSF Utilization:	Ramey Kemp & Associates, Inc. 8% / \$240,000.00

Description of Work:	2018 Western Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	STV Engineers, Inc., Charlotte, NC
Maximum Engineering Fee:	\$3,000,000.00
DBE/MBE/SPSF Utilization:	Baseline Mobility Group Inc 1% / \$30,000.00
SPSF Utilization:	Carolina Land Acquisitions Inc 2% / \$60,000.00
DBE/WBE/SPSF Utilization:	CH Engineering PLLC 2% / \$60,000.00
SPSF Utilization:	Progressive Design Group, Inc. 2% / \$60,000.00
DBE/WBE/SPSF Utilization:	Three Oaks Engineering 1% / \$30,000.00
DBE/WBE/SPSF Utilization:	Mattson, Alexander and Associates, Inc. 1% / \$30,000.00
Description of Work:	2018 Western Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	TGS Engineers, Shelby, NC
Maximum Engineering Fee:	\$4,000,000.00
SPSF Utilization:	100%
Description of Work:	2018 Western 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:	\$3,000,000.00
DBE/WBE/SPSF Utilization:	Wetherill Engineering, Inc. 3% / \$90,000.00
SPSF Utilization:	MI Engineering PLLC 3% / \$90,000.00
SPSF Utilization:	Parrish and Partners of North Carolina LLC 2% / \$60,000.00
SPSF Utilization:	Mattern & Craig Inc 2% / \$60,000.00
SPSF Utilization:	Carolina Transportation Engineers & Associates PC 1% / \$30,000.00

Description of Work: 2018 Western 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: Carolina Land Acquisitions Inc
1% / \$40,000.00
DBE/WBE/SPSF Utilization: Ecological Engineering LLP
7% / \$280,000.00
DBE/WBE/SPSF Utilization: Falcon Engineering Inc
1% / \$40,000.00
SPSF Utilization: Hinde Engineering Inc
3% / \$120,000.00
SPSF Utilization: Sungate Design Group PA
2% / \$80,000.00
SPSF Utilization: TGS Engineers
8% / \$320,000.00

Description of Work: 2018 Western 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%

Division 12

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 12. 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 12

Description of Work: 2018 Western 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: \$2,000,000.00
SPSF Utilization: 100%

Description of Work: 2018 Western 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
DBE/WBE/SPSF Utilization: Ecological Engineering LLP
4% / \$80,000.00
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: 2018 Western 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
DBE/WBE/SPSF Utilization: Three Oaks Engineering
10% / \$200,000.00

Description of Work: 2018 Western 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: Mattern & Craig Inc
3% / \$60,000.00
DBE/WBE/SPSF Utilization: Three Oaks Engineering
5% / \$100,000.00

Description of Work: 2018 Western Divisions' Planning & Design
Engineering Services Consultant (P&DSC) and
General Engineering Services Consultant (GESc) LSC
Firm: DRMP Inc, Charlotte, NC
Maximum Engineering Fee: \$5,000,000.00
SPSF Utilization: Environmental Services Inc
5% / \$250,000.00
SPSF Utilization: Hinde Engineering Inc
5% / \$250,000.00
SPSF Utilization: Patriot Transportation Engineering PLLC
5% / \$250,000.00
SPSF Utilization: Sungate Design Group PA
5% / \$250,000.00

Description of Work: 2018 Western Divisions' Planning & Design
Engineering Services Consultant (P&DSC) and
General Engineering Services Consultant (GESC) LSC
Firm: Gannett Fleming Inc, Raleigh, NC
Maximum Engineering Fee: \$2,000,000.00
SPSF Utilization: Mattern & Craig Inc
8% / \$160,000.00
SPSF Utilization: MI Engineering PLLC
8% / \$160,000.00
DBE/WBE/SPSF Utilization: Three Oaks Engineering
7% / \$140,000.00

Description of Work: 2018 Western 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
5% / \$100,000.00
DBE/WBE/SPSF Utilization: CH Engineering PLLC
2% / \$40,000.00
SPSF Utilization: Mattern & Craig Inc
2% / \$40,000.00
SPSF Utilization: Patriot Transportation Engineering PLLC
1% / \$20,000.00
SPSF Utilization: Ramey Kemp & Associates, Inc.
2% / \$40,000.00
DBE/WBE/SPSF Utilization: Three Oaks Engineering
2% / \$40,000.00
SPSF Utilization: Utility Coordination Consultants
2% / \$40,000.00

Description of Work: 2018 Western 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
DBE/WBE/SPSF Utilization: CH Engineering PLLC
8% / \$160,000.00

Description of Work: 2018 Western 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: 0%

Description of Work: 2018 Western 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: 0%

Description of Work: 2018 Western Divisions' Planning & Design
Engineering Services Consultant (P&DSC) and
General Engineering Services Consultant (GESC) LSC
Firm: Moffatt & Nichol Incorporated, Raleigh, NC
Maximum Engineering Fee: \$2,000,000.00
SPSF Utilization: Commonwealth Heritage Group Inc
2% / \$40,000.00
DBE/MBE/SPSF Utilization: MA Engineering Consultants Inc
2% / \$40,000.00
SPSF Utilization: Davis-Martin-Powell & Associates Inc
2% / \$40,000.00
DBE/WBE/SPSF Utilization: Falcon Engineering Inc
2% / \$40,000.00
SPSF Utilization: Ramey Kemp & Associates, Inc.
2% / \$40,000.00
DBE/MBE/SPSF Utilization: Vistabution LLC
2% / \$40,000.00

Description of Work: 2018 Western 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: Ecological Engineering LLP
1% / \$20,000.00
DBE/MBE/SPSF Utilization: Simpson Engineers & Associates PC
1% / \$20,000.00
SPSF Utilization: The Wooten Company
1% / \$20,000.00

Description of Work: 2018 Western 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: \$2,000,000.00
SPSF Utilization: 100%

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
Maximum Engineering Fee: \$5,000,000.00
SPSF Utilization: 0%

Description of Work: 2018 Western 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: \$5,000,000.00
SPSF Utilization: Alpha & Omega Group PC
1% / \$50,000.00
SPSF Utilization: Catlin Engineers and Scientists
1% / \$50,000.00
DBE/WBE/SPSF Utilization: Ecological Engineering LLP
2% / \$100,000.00
SPSF Utilization: Exult Engineering PC
1% / \$50,000.00
DBE/WBE/SPSF Utilization: Falcon Engineering Inc
2% / \$100,000.00
SPSF Utilization: Hinde Engineering Inc
2% / \$100,000.00
SPSF Utilization: MI Engineering PLLC
1% / \$50,000.00
SPSF Utilization: Patriot Transportation Engineering PLLC
2% / \$100,000.00
SPSF Utilization: Sungate Design Group PA
4% / \$200,000.00
SPSF Utilization: Utility Coordination Consultants
1% / \$50,000.00

Description of Work: 2018 Western Divisions' Planning & Design
Engineering Services Consultant (P&DSC) and
General Engineering Services Consultant (GESC) LSC
Firm: Stewart, Philadelphia, PA
Maximum Engineering Fee: \$5,000,000.00
DBE/WBE/SPSF Utilization: Ecological Engineering LLP
10% / \$500,000.00
SPSF Utilization: Municipal Engineering Services Company PA
2% / \$100,000.00
SPSF Utilization: MI Engineering PLLC
4% / \$200,000.00
DBE/WBE/SPSF Utilization: New South Associates Inc
2% / \$100,000.00
SPSF Utilization: Patriot Transportation Engineering PLLC
6% / \$300,000.00
SPSF Utilization: Ramey Kemp & Associates, Inc.
8% / \$400,000.00

Description of Work: 2018 Western Divisions' Planning & Design
Engineering Services Consultant (P&DSC) and
General Engineering Services Consultant (GESC) LSC
Firm: STV Engineers, Inc., Charlotte, NC
Maximum Engineering Fee: \$2,000,000.00
DBE/MBE/SPSF Utilization: Baseline Mobility Group Inc
1% / \$20,000.00
SPSF Utilization: Carolina Land Acquisitions Inc
2% / \$40,000.00
DBE/WBE/SPSF Utilization: CH Engineering PLLC
2% / \$40,000.00
SPSF Utilization: Progressive Design Group, Inc.
2% / \$40,000.00
DBE/WBE/SPSF Utilization: Three Oaks Engineering
1% / \$20,000.00
DBE/WBE/SPSF Utilization: Mattson, Alexander and Associates, Inc.
1% / \$20,000.00

Description of Work: 2018 Western Divisions' Planning & Design
Engineering Services Consultant (P&DSC) and
General Engineering Services Consultant (GESC) LSC
Firm: TGS Engineers, Shelby, NC
Maximum Engineering Fee: \$5,000,000.00
SPSF Utilization: 100%

Description of Work:	2018 Western 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
DBE/WBE/SPSF Utilization:	Wetherill Engineering, Inc. 3% / \$60,000.00
SPSF Utilization:	MI Engineering PLLC 3% / \$60,000.00
SPSF Utilization:	Parrish and Partners of North Carolina LLC 2% / \$40,000.00
SPSF Utilization:	Mattern & Craig Inc 2% / \$40,000.00
SPSF Utilization:	Carolina Transportation Engineers & Associates PC 1% / \$20,000.00

Description of Work:	2018 Western Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	WSP USA Inc, Raleigh, NC
Maximum Engineering Fee:	\$5,000,000.00
DBE/MBE/SPSF Utilization:	Public Participation Partners 3% / \$150,000.00
SPSF Utilization:	Utility Coordination Consultants 3% / \$150,000.00

Division 13

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 13. 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 13

Description of Work:	2018 Western 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:	Mattern & Craig Inc 10% / \$300,000.00

Description of Work: 2018 Western 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
3% / \$90,000.00
SPSF Utilization: MI Engineering PLLC
3% / \$90,000.00
DBE/WBE/SPSF Utilization: Simon Resources Inc
1% / \$30,000.00
DBE/MBE/SPSF Utilization: Neighborhood Solutions LLC
1% / \$30,000.00
DBE/WBE/SPSF Utilization: Three Oaks Engineering
2% / \$60,000.00
SPSF Utilization: Clearbox Forecast Group PLLC
1% / \$30,000.00

Description of Work: 2018 Western 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: \$3,000,000.00
DBE/WBE/SPSF Utilization: Ecological Engineering LLP
4% / \$120,000.00
SPSF Utilization: Hinde Engineering Inc
2% / \$60,000.00
SPSF Utilization: MI Engineering PLLC
2% / \$60,000.00
SPSF Utilization: Ramey Kemp & Associates, Inc.
1% / \$30,000.00

Description of Work: 2018 Western Divisions' Planning & Design
Engineering Services Consultant (P&DSC) and
General Engineering Services Consultant (GESC) LSC
Firm: DRMP Inc, Charlotte, NC
Maximum Engineering Fee: \$1,500,000.00
SPSF Utilization: Environmental Services Inc
5% / \$75,000.00
SPSF Utilization: Hinde Engineering Inc
5% / \$75,000.00
SPSF Utilization: Patriot Transportation Engineering PLLC
5% / \$75,000.00
SPSF Utilization: Sungate Design Group PA
5% / \$75,000.00

Description of Work: 2018 Western Divisions' Planning & Design
Engineering Services Consultant (P&DSC) and
General Engineering Services Consultant (GESC) LSC
Firm: Gannett Fleming Inc, Raleigh, NC
Maximum Engineering Fee: \$5,000,000.00
SPSF Utilization: Mattern & Craig Inc
8% / \$400,000.00
SPSF Utilization: MI Engineering PLLC
8% / \$400,000.00
DBE/WBE/SPSF Utilization: Three Oaks Engineering
7% / \$350,000.00

Description of Work: 2018 Western 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
5% / \$250,000.00
DBE/WBE/SPSF Utilization: CH Engineering PLLC
2% / \$100,000.00
SPSF Utilization: Mattern & Craig Inc
2% / \$100,000.00
SPSF Utilization: Patriot Transportation Engineering PLLC
1% / \$50,000.00
SPSF Utilization: Ramey Kemp & Associates, Inc.
2% / \$100,000.00
DBE/WBE/SPSF Utilization: Three Oaks Engineering
2% / \$100,000.00
SPSF Utilization: Utility Coordination Consultants
2% / \$100,000.00

Description of Work: 2018 Western 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: Hinde Engineering Inc
5% / \$150,000.00
DBE/MBE/SPSF Utilization: MA Engineering Consultants Inc
5% / \$150,000.00
SPSF Utilization: MI Engineering PLLC
5% / \$150,000.00

Description of Work: 2018 Western Divisions' Planning & Design
Engineering Services Consultant (P&DSC) and
General Engineering Services Consultant (GESC) LSC
Firm: ICE of Carolinas PLLC, North Charleston, SC
Maximum Engineering Fee: \$1,500,000.00
SPSF Utilization: 0%

Description of Work: 2018 Western 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: \$1,500,000.00
DBE/MBE/SPSF Utilization: Simpson Engineers & Associates PC
5% / \$75,000.00
SPSF Utilization: Sungate Design Group PA
5% / \$75,000.00
SPSF Utilization: Hinde Engineering Inc
5% / \$75,000.00
DBE/WBE/SPSF Utilization: Planning Communities, LLC
10% / \$150,000.00
SPSF Utilization: Progressive Design Group, Inc.
5% / \$75,000.00
DBE/WBE/SPSF Utilization: Falcon Engineering Inc
1% / \$15,000.00

Description of Work: 2018 Western Divisions' Planning & Design
Engineering Services Consultant (P&DSC) and
General Engineering Services Consultant (GESC) LSC
Firm: Mattern & Craig Inc, Asheville, NC
Maximum Engineering Fee: \$1,500,000.00
SPSF Utilization: 100%

Description of Work: 2018 Western 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: 0%

Description of Work: 2018 Western Divisions' Planning & Design
Engineering Services Consultant (P&DSC) and
General Engineering Services Consultant (GESC) LSC
Firm: MS Consultants Inc, Youngstown, OH
Maximum Engineering Fee: \$1,500,000.00
DBE/WBE/SPSF Utilization: Three Oaks Engineering
5% / \$75,000.00
SPSF Utilization: Summit Design and Engineering Services PLLC
5% / \$75,000.00
SPSF Utilization: MI Engineering PLLC
5% / \$75,000.00
DBE/WBE/SPSF Utilization: CH Engineering PLLC
5% / \$75,000.00
DBE/MBE/SPSF Utilization: Accelerate Engineering PLLC
5% / \$75,000.00
DBE/WBE/SPSF Utilization: Falcon Engineering Inc
5% / \$75,000.00

Description of Work: 2018 Western 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: Clearbox Forecast Group PLLC
1% / \$15,000.00
SPSF Utilization: Carolina Ecosystems Inc
2% / \$30,000.00
SPSF Utilization: Commonwealth Heritage Group Inc
1% / \$15,000.00
DBE/WBE/SPSF Utilization: Planning Communities, LLC
4% / \$60,000.00

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
Maximum Engineering Fee: \$3,000,000.00
SPSF Utilization: 0%

Description of Work:	2018 Western Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	Stantec Consulting Services Inc, Raleigh, NC
Maximum Engineering Fee:	\$1,500,000.00
SPSF Utilization:	Alpha & Omega Group PC 1% / \$15,000.00
SPSF Utilization:	Catlin Engineers and Scientists 1% / \$15,000.00
DBE/WBE/SPSF Utilization:	Ecological Engineering LLP 2% / \$30,000.00
SPSF Utilization:	Exult Engineering PC 1% / \$15,000.00
DBE/WBE/SPSF Utilization:	Falcon Engineering Inc 2% / \$30,000.00
SPSF Utilization:	Hinde Engineering Inc 2% / \$30,000.00
SPSF Utilization:	MI Engineering PLLC 1% / \$15,000.00
SPSF Utilization:	Patriot Transportation Engineering PLLC 2% / \$30,000.00
SPSF Utilization:	Sungate Design Group PA 4% / \$60,000.00
SPSF Utilization:	Utility Coordination Consultants 1% / \$15,000.00

Description of Work:	2018 Western Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	The Louis Berger Group Inc, Morristown, NJ
Maximum Engineering Fee:	\$1,500,000.00
DBE/MBE/SPSF Utilization:	Accelerate Engineering PLLC 2% / \$30,000.00
SPSF Utilization:	American Engineering Associates Southeast PA 3% / \$45,000.00
SPSF Utilization:	Sungate Design Group PA 5% / \$75,000.00

Description of Work:	2018 Western 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: 2018 Western Divisions' Planning & Design
Engineering Services Consultant (P&DSC) and
General Engineering Services Consultant (GESC) LSC
Firm: Timmons Group Inc, Raleigh, NC
Maximum Engineering Fee: \$1,500,000.00
SPSF Utilization: TGS Engineers
10% / \$150,000.00

Description of Work: 2018 Western 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: \$1,500,000.00
DBE/WBE/SPSF Utilization: Wetherill Engineering, Inc.
3% / \$45,000.00
SPSF Utilization: MI Engineering PLLC
3% / \$45,000.00
SPSF Utilization: Parrish and Partners of North Carolina LLC
2% / \$30,000.00
SPSF Utilization: Mattern & Craig Inc
2% / \$30,000.00
SPSF Utilization: Carolina Transportation Engineers & Associates PC
1% / \$15,000.00

Description of Work: 2018 Western Divisions' Planning & Design
Engineering Services Consultant (P&DSC) and
General Engineering Services Consultant (GESC) LSC
Firm: Wetherill Engineering, Inc., Raleigh, NC
Maximum Engineering Fee: \$1,500,000.00
DBE/WBE/SPSF Utilization: 100%

Division 14

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 14. 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 14

Description of Work:	2018 Western 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:	Mattern & Craig Inc 10% / \$300,000.00
Description of Work:	2018 Western Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	Alfred Benesch & Company, Chicago, IL
Maximum Engineering Fee:	\$3,000,000.00
SPSF Utilization:	MI Engineering PLLC 15% / \$450,000.00
SPSF Utilization :	Ramey Kemp & Associates, Inc. 23% / \$690,000.00
Description of Work:	2018 Western 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:	\$3,000,000.00
SPSF Utilization:	100%
Description of Work:	2018 Western Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	Carolina Transportation Engineers & Associates PC, Belmont, NC
Maximum Engineering Fee:	\$3,000,000.00
SPSF Utilization:	100%
Description of Work:	2018 Western 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:	\$3,000,000.00
DBE/WBE/SPSF Utilization:	Three Oaks Engineering 10% / \$300,000.00

Description of Work: 2018 Western Divisions' Planning & Design
Engineering Services Consultant (P&DSC) and
General Engineering Services Consultant (GESC) LSC
Firm: Gannett Fleming Inc, Raleigh, NC
Maximum Engineering Fee: \$3,000,000.00
SPSF Utilization: Mattern & Craig Inc
8% / \$240,000.00
SPSF Utilization: MI Engineering PLLC
8% / \$240,000.00
DBE/WBE/SPSF Utilization: Three Oaks Engineering
7% / \$210,000.00

Description of Work: 2018 Western 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
5% / \$250,000.00
DBE/WBE/SPSF Utilization: CH Engineering PLLC
2% / \$100,000.00
SPSF Utilization: Mattern & Craig Inc
2% / \$100,000.00
SPSF Utilization: Patriot Transportation Engineering PLLC
1% / \$50,000.00
SPSF Utilization: Ramey Kemp & Associates, Inc.
2% / \$100,000.00
DBE/WBE/SPSF Utilization: Three Oaks Engineering
2% / \$100,000.00
SPSF Utilization: Utility Coordination Consultants
2% / \$100,000.00

Description of Work: 2018 Western 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: \$6,000,000.00
DBE/WBE/SPSF Utilization: CH Engineering PLLC
5% / \$300,000.00
SPSF Utilization: Hinde Engineering Inc
5% / \$300,000.00
DBE/MBE/SPSF Utilization: MA Engineering Consultants Inc
5% / \$300,000.00
SPSF Utilization: MI Engineering PLLC
5% / \$300,000.00

Description of Work:	2018 Western 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
DBE/WBE/SPSF Utilization:	CH Engineering PLLC 8% / \$240,000.00

Description of Work:	2018 Western 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:	0%

Description of Work:	2018 Western Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	MS Consultants Inc, Youngstown, OH
Maximum Engineering Fee:	\$3,000,000.00
DBE/WBE/SPSF Utilization:	Three Oaks Engineering 5% / \$150,000.00
SPSF Utilization:	Summit Design and Engineering Services PLLC 5% / \$150,000.00
SPSF Utilization:	MI Engineering PLLC 5% / \$150,000.00
DBE/WBE/SPSF Utilization:	CH Engineering PLLC 5% / \$150,000.00
DBE/MBE/SPSF Utilization:	Accelerate Engineering PLLC 5% / \$150,000.00
DBE/WBE/SPSF Utilization:	Falcon Engineering Inc 5% / \$150,000.00

Description of Work:	2018 Western Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	Parsons Transportation Group, 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
SPSF Utilization:	Sungate Design Group PA 10% / \$300,000.00
DBE/WBE/SPSF Utilization:	Three Oaks Engineering 10% / \$300,000.00

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
Maximum Engineering Fee: \$3,000,000.00
SPSF Utilization: 0%

Description of Work: 2018 Western 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: \$5,000,000.00
SPSF Utilization: Alpha & Omega Group PC
1% / \$50,000.00
SPSF Utilization: Catlin Engineers and Scientists
1% / \$50,000.00
DBE/WBE/SPSF Utilization: Ecological Engineering LLP
2% / \$100,000.00
SPSF Utilization: Exult Engineering PC
1% / \$50,000.00
DBE/WBE/SPSF Utilization: Falcon Engineering Inc
2% / \$100,000.00
SPSF Utilization: Hinde Engineering Inc
2% / \$100,000.00
SPSF Utilization: MI Engineering PLLC
1% / \$50,000.00
SPSF Utilization: Patriot Transportation Engineering PLLC
2% / \$100,000.00
SPSF Utilization: Sungate Design Group PA
4% / \$200,000.00
SPSF Utilization: Utility Coordination Consultants
1% / \$50,000.00

Description of Work:	2018 Western Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	STV Engineers, Inc., Charlotte, NC
Maximum Engineering Fee:	\$3,000,000.00
DBE/MBE/SPSF Utilization:	Baseline Mobility Group Inc 1% / \$30,000.00
SPSF Utilization:	Carolina Land Acquisitions Inc 2% / \$60,000.00
DBE/WBE/SPSF Utilization:	CH Engineering PLLC 2% / \$60,000.00
SPSF Utilization:	Progressive Design Group, Inc. 2% / \$60,000.00
DBE/WBE/SPSF Utilization:	Three Oaks Engineering 1% / \$30,000.00
DBE/WBE/SPSF Utilization:	Mattson, Alexander and Associates, Inc. 1% / \$30,000.00
Description of Work:	2018 Western Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	TGS Engineers, Shelby, NC
Maximum Engineering Fee:	\$5,000,000.00
SPSF Utilization:	100%
Description of Work:	2018 Western 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:	\$3,000,000.00
DBE/WBE/SPSF Utilization:	Wetherill Engineering, Inc. 3% / \$90,000.00
SPSF Utilization:	MI Engineering PLLC 3% / \$90,000.00
SPSF Utilization:	Parrish and Partners of North Carolina LLC 2% / \$60,000.00
SPSF Utilization:	Mattern & Craig Inc 2% / \$60,000.00
SPSF Utilization:	Carolina Transportation Engineers & Associates PC 1% / \$30,000.00

Description of Work:	2018 Western Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GES) LSC
Firm:	VHB Engineering NC, P.C., Watertown, MA
Maximum Engineering Fee:	\$3,000,000.00
SPSF Utilization:	Carolina Land Acquisitions Inc 1% / \$30,000.00
DBE/WBE/SPSF Utilization:	Ecological Engineering LLP 7% / \$210,000.00
DBE/WBE/SPSF Utilization:	Falcon Engineering Inc 1% / \$30,000.00
SPSF Utilization:	Hinde Engineering Inc 3% / \$90,000.00
SPSF Utilization:	Sungate Design Group PA 2% / \$60,000.00
SPSF Utilization:	TGS Engineers 8% / \$240,000.00

Description of Work:	2018 Western Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GES) LSC
Firm:	WSP USA Inc, Raleigh, NC
Maximum Engineering Fee:	\$3,000,000.00
DBE/MBE/SPSF Utilization:	Public Participation Partners 3% / \$90,000.00
SPSF Utilization:	Utility Coordination Consultants 3% / \$90,000.00

Technical Services

Environmental Analysis Unit

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

STATEWIDE

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

August 2, 2018

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

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

Description of Work:	2018 Historic Architectural and Historic Landscape Analyses LSC
Firm:	Cardno Inc, Dallas, TX
Maximum Engineering Fee:	\$250,000.00
SPSF Utilization:	0%

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

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

Description of Work:	2018 Historic Architectural and Historic Landscape Analyses LSC
Firm:	Dovetail Cultural Resource Group I Inc, Fredericksburg, VA
Maximum Engineering Fee:	\$350,000.00
DBE/WBE/SPSF Utilization :	100%

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

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

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

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

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

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

Turnpike Authority

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

STATEWIDE

Description of work:	On-Call Services for the North Carolina Turnpike Authority
Firm:	HNTB of North Carolina PC, Raleigh, NC
Original Engineering Fee:	\$4,000,000.00
Previous Supplemental Fee:	\$20,608,000.00
Supplemental Fee:	One (1) year time extension only
SPSF Utilization:	0%

August 2, 2018

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:	HNTB of North Carolina PC, Raleigh, NC
Original Engineering Fee:	\$3,000,000.00
Previous Supplemental Fee:	\$7,000,000.00
Supplemental Fee:	\$1,500,000.00
SPSF Utilization:	Asset Management Associates PLLC
	20% / \$300,000.00

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

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

There will be no Item E projects submitted to the Board for approval at the August 2018 Board meeting.

NCDOT August 2018 Board of Transportation Agenda

Additions to the State Highway System:

County	Pet. No.	Length Added (Miles)	Description	Date of Report
Division 1			Rosewood Subdivision	2/5/18
Currituck	51668	0.18 0.26	Rosedale Court Rosedale Drive	
Pasquotank	51669	0.22 0.24 0.18 0.07	Newbegun Land Subdivision Airship Drive Blimp View Drive Extend SR 1509, Broomfield Trail Enfield Court	5/9/18
Division 3				
Brunswick	51670	0.05	Sandy Shoals Subdivision Red Snapper Street	6/18/18
New Hanover	51671	0.07	River Oaks Subdivision Maypop Lane	6/6/18
Onslow	51672	0.44 0.04 0.03	Nautical Reach Subdivision Sailor Street Topside Drive Breakwater Court	6/14/18
Division 4				
Wayne	51673	0.56 0.47 0.54 0.08 0.11 0.15 0.16 0.21 0.05 0.12	Canterbury Village Subdivision North Creek Subdivision Chancery Drive Adler Lane East April Lane Helms Drive Helms Court Lanetree Drive Londonberry Drive Hyde Park Drive Abbey Place Coventry Drive	6/20/18
Division 5				
Durham	51674	0.17	Canterbury Estates Subdivision Knight Drive	5/31/18
Wake	51675	0.14	Mount Vernon Crossing Subdivision Bowling Green Trail	6/6/18
Division 8				
Randolph	51676	0.09	Extend SR 2065, Woodcrest Road	7/3/18

August 2, 2018

NCDOT August 2018 Board of Transportation Agenda

Additions to the State Highway System:

County	Pet. No.	Length Added (Miles)	Description	Date of Report
Division 11				
Ashe	51677	0.48	Three Top Mountain Subdivision Extend SR 1264, Hidden Valley Road	5/31/18
Yadkin	51678	0.17	Jordan Gate Drive	5/22/18
Division 12	51679		Woodleaf Subdivision	2/24/17
Iredell		0.07	Cedar Branch Court	
Division 14				
Henderson	51680	0.07	Bloomingdale Subdivision Beale Court	7/3/18

NCDOT August 2018 Board of Transportation Agenda**Abandonments from the State Highway System:**

County	Pet. No.	Length Abandoned (Miles)	Description	Date of Report
Division 3				
Brunswick	51681	0.10	SR 1478 (Price Road)	6/19/18
Division 7				
Guilford	51682	0.09	Portion of SR 1128 (Concord Church Road)	12/4/17
Guilford	51683	0.96	Portion of SR 2085 (Joseph W. Bryan Boulevard)	7/14/17

Summary: **Number of roads petitioned for addition - 28**
 Number of roads petitioned for abandonment - 3

Minutes Corrections:

County	Requested Action
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No corrections this month.

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

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

County	Description	Type	Amount
Div 2 Greene	Pave and improve access at Industrial Park east of Walstonburg Other funding: \$128,255 Contract Resurfacing WBS 48187	Economic Development TOTAL	\$50,000.00 \$50,000.00
Div 3 Brunswick	Town of Bolivia – Installation of shoulder mounted fire flashers at the Bolivia Fire Department WBS 48278	Contingency TOTAL	\$61,000.00 \$61,000.00
Div 8 Chatham	WBS 48171 was established (06/18) for preconstruction engineering including planning, environmental document, and design specific to transportation improvements needed for the Chatham-Siler City Advanced Manufacturing Site in Chatham County Increase funds	Contingency TOTAL	\$250,000.00 \$250,000.00
Div 8 Moore	Village of Pinehurst – Pedestrian improvements at the existing pedestrian crossing on SR 1208 (Page Rd) at Moore Regional Hospital to include a concrete refuge island with new signage and installation of rumble strips WBS 48273	Small Construction TOTAL	\$13,500.00 \$13,500.00
Div 9 Davidson	City of Thomasville – WBS 47795 was established (02/18) to re-align intersection of SR 2184 (Cedar Lodge Rd) and Liberty Drive to improve sight distance and safety WBS 47795	High Impact / Low Cost TOTAL	(\$111,594.50) (\$111,594.50)
Div 13 Burke	City of Morganton – Replacement of failed drainage system adjacent to South Sterling Street (NC-18) WBS 48188	Contingency TOTAL	\$350,000.00 \$350,000.00

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

County	Description	Type	Amount
Div 14 Henderson	East Flat Rock – WBS 47417 was established (06/17) to construct approximately 150 LF of industrial access, road improvements on SR 1819 (Mills St) to include widen travel lanes, curb and gutter, and resurface Increase funds	Econ Development High Impact Low Cost TOTAL	\$102,500.00 \$800,000.00 \$902,500.00
Div 14 Jackson	Cullowhee – WBS 44983 was established (11/16) to widen roadway, add bike lanes and sidewalk along Ledbetter Road (SR 1337) from the intersection with Old Cullowhee Rd to the intersection of Monteith Gap Rd. Work being performed in conjunction with replacement of Bridge #159 over Cullowhee Creek Reduce funds & transfer to WBS 47417	High Impact Low Cost TOTAL	(\$800,000.00) (\$800,000.00)
Div 19 Statewide	WBS 72.2000 was established (06/16) for paving school bus drives and stabilizing bus parking areas at public schools [N.C.G.S. 136-18(17)] Increase funds	Public Access TOTAL	\$150,000.00 \$150,000.00

Deletions:

Div 7, Guilford County – WBS 46936 was established (01/17) to provide landscaping within the roundabout at the intersection of SR 3389 (Woody Mill Rd) and SR 3330 (Southeast School Rd); funded by an alternate source

Div 7, Rockingham County – WBS 47332 was established (03/17) for the installation of school flashers on US-158 at Monroeton Elementary School at the intersection of SR 2483 (Clark Lake Rd); Funded by an alternate source

Correction:

Div 1, Northampton County – WBS 80051 was established (11/17) to upgrade Squire Lane to minimum construction standards for Pre-1975 route in conjunction with addition to the State Highway System. Includes pipe installation, minor grading, and addition of 2" to 3" of aggregate base course to provide all weather surface; Road name should read Squire Road

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

Summary:	Number of Divisions	6
	Number of Projects	9
	Small Construction Commitment	\$13,500.00
	Public Access Commitment	\$150,000.00
	Contingency Commitment	\$661,000.00
	Economic Development Commitment	\$152,500.00
	High Impact/Low Cost Commitment	<u>(\$111,594.50)</u>
	TOTAL	\$865,405.50

**NCDOT August 2018 Board of Transportation Agenda
Public Transportation Program**

County Division	Demonstration Grant - Furniture Market Transportation	Estimated Cost	
7	19-DG-025 <i>The City of High Point</i> in conjunction with the High Point Market Authority is requesting funds to support transportation for the annual Fall and Spring furniture markets in High Point. The funds will be used to provide free shuttle services for market attendees from Piedmont Triad area hotels and designated park and ride lots to the Home Furnishings Market, and for circulator services in the High Point showroom district. These circulator and shuttle service will be provided by numerous private transportation providers procured and organized by the High Point Market Authority. This is a request to disburse up to \$600,000 for each market subject to appropriations by the Legislature.	\$1,200,000	Total
		\$0	Federal
		\$1,200,000	State
		\$0	Local
5310 Elderly and Disabled Program			
11	19-ED-935 <i>Avery Association for Exceptional Citizens, Inc.</i> will use Capital funds to purchase transportation services from Avery County Transportation Authority through a Direct Purchase of Service agreement. The transportation services will allow the citizens served the opportunity to receive education, develop independent living skills, and work opportunities.	\$69,620	Total
		\$55,696	Federal
		\$6,962	State
		\$6,962	Local
9	19-ED-918 <i>The Workshop of Davidson County Industries Inc.</i> will use the funds to provide services to expand transportation services to enhance integration to community resources for persons with disabilities and increase employment transportation availability for individuals with disabilities to get to and from work in both counties during weekdays, nights and weekends.	\$180,000	Total
		\$144,000	Federal
		\$18,000	State
		\$18,000	Local
4	AMENDMENT 19-ED-921 <i>Johnston County Industries Inc.</i> Johnston County Industries will use the funds to provide services to expand transportation services in Johnston and Harnett Counties. These services enhance integration to community resources for persons with disabilities and increase employment transportation availability for individuals with disabilities to get to and from work in both counties during weekdays, nights and weekends. (The amendment will bring approved funds of \$43,624 to the initial requested amount of \$109,060)	\$109,060	Total
		\$87,248	Federal
		\$10,906	State
		\$10,906	Local

**NCDOT August 2018 Board of Transportation Agenda
Public Transportation Program**

5311 Community Transportation Program

12	AMENDMENT 19-CT-024 Iredell County (operating as Iredell County Area Transportation System - ICATS) - increase FY19 to allow purchase of 1 Raised Roof Van with lift (and Lettering and Logos) instead of Crossover/Mini-van originally approved in FY18. Change in vehicle will allow the transportation of more senior and disabled citizens due to increased vehicle capacity and lift. (Amendment will increase approved funds for Rolling stock purchases from \$970,670 to \$1,032,520: 18-CT-024 will be closed and remaining funds will be used for this amendment)	\$61,850	Total
		\$49,480	Federal
		\$6,185	State
		\$6,185	Local

Item I - 1: Total Projects 5: Total Federal and State \$1,578,477

Additions to the Transit 2018-2027 STIP

STIP #	TRANSIT PARTNER	DESCRIPTION	MATCH	FUND	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)	FY22 (000)	FY23 (000)	FY24 (000)	FY25 (000)	FY26 (000)	FY27 (000)
TG-6797	Western Piedmont Regional Transportation	Preventive Maintenance	STPDA	STPDA		334								
			Local	L		84								
TA-6704	Asheville Redefines Transit	Purchase an Expansion Vehicle	STBGDA	STBGDA		5705								
			Local	L		1426								

Modifications to the 2018-2027 STIP

STIP #	TRANSIT PARTNER	DESCRIPTION	MATCH	FUND	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)	FY22 (000)	FY23 (000)	FY24 (000)	FY25 (000)	FY26 (000)	FY27 (000)
TG-4759	Greensboro Transit Authority	Preventive Maintenance	FUZ	5307	2621	2621	2621	2621	2621	2621	2621	2621	2621	2621
			Local	L	656	656	656	656	656	656	656	656	656	656
TG-4957	Greensboro Transit Authority	Operating-ADA Paratransit	FUZ	5307	444	444	444	444	444	444	444	444	444	444
			Local	L	111	111	111	111	111	111	111	111	111	111
TG-5185	Greensboro Transit Authority	Routine Capital	FUZ	5307	80	80	80	80	80	80	80	80	80	80
			Local	L	20	20	20	20	20	20	20	20	20	20
TG-6185	Piedmont Authority for Regional Transit	Routine Capital	FUZ	5307	100	100	100	100	100	100	100	100	100	100
			Local	L	25	25	25	25	25	25	25	25	25	25
TS_4758	Greensboro Transit Authority	Safety and Security	FUZ	5307	45	45	45	45	45	45	45	45	45	45
			Local	L	12	12	12	12	12	12	12	12	12	12
TO-4971	Greensboro Transit Authority	Operating Fixed Route	FUZ	5307	1243	1243	1243	1243	1243	1243	1243	1243	1243	1243
			Local	L	3061	3061	3061	3061	3061	3061	3061	3061	3061	3061

TO-5209	Piedmont Authority for Regional Transit	Operating Fixed Route	FUZ	5307	200	200	200	200	200	200	200	200	200	200
			Local	L	200	200	200	200	200	200	200	200	200	200
TO-5221	Guilford County Transportation and Mobility Services	Operating Fixed Route	FUZ	5307	70	70	70	70	70	70	70	70	70	70
			Local	L	70	70	70	70	70	70	70	70	70	70
TA-6698	Greensboro Transit Authority	GTA Replacement Buses	CMAQ	CMAQ	1908	1946								
			Local	L	477	487								
TA-4767	Greensboro Transit Authority	Replacement Paratransit Buses	FBUS	5339	562	562	562	562	562	562	562	562	562	562
			Local	L	141	141	141	141	141	141	141	141	141	141
TA-6690	Piedmont Authority for Regional Transit	Replacement Vehicles	FBUS	5339	43	43	43	43	43	43	43	43	43	43
			Local	L	11	11	11	11	11	11	11	11	11	11
TA-6689	Guilford County Transportation and Mobility Services	Replacement Vehicles	FBUS	5339	46	46	46	46	46	46	46	46	46	46
			Local	L	12	12	12	12	12	12	12	12	12	12
TD-4279	Greensboro Transit Authority	Renovation of J Douglas Gaylon Depot	FBUS	5339	960									
			State	T	142									
			Local	L	142									
TO-6139	Greensboro Transit Authority	Section 5310 Operating	FEPD	5310	49	49	49	49	49	49	49	49	49	49
			Local	L	49	49	49	49	49	49	49	49	49	49
TQ-7000	Greensboro Transit Authority	Section 5310 Program Administration	FEPD	5310	25	25	25	25	25	25	25	25	25	25
TQ-6783	Greensboro Transit Authority	Section 5310 Capital Project	FEPD	5310	175	175	175	175	175	175	175	175	175	175
			Local	L	44	44	44	44	44	44	44	44	44	44

TP_5101	Greensboro Transit Authority	Planning Assistance-5303	5303	5303	141	141	141	141	141	141	141	141	141	141
			Local	L	18	18	18	18	18	18	18	18	18	18
TO-6150	Piedmont Authority for Regional Transportation	Operating Assistance	FUZ	5307	491	491	491	491	491	491	491	491	491	491
			Local	L	491	491	491	491	491	491	491	491	491	491
TG-6783	Piedmont Authority for Regional Transportation	Routine Capital, Passenger Shelters, Passenger Amenities, Shop Equipment, Spare Parts	FUZ	5307	98	98	98	98	98	98	98	98	98	98
			Local	L	25	25	25	25	25	25	25	25	25	25
TG-5126	Winston Salem-Transit	Operating Assistance	FUZ	5307	1992	1214	1214	1214	1214	1214	1214	1214	1214	1214
			Local	L	1992	1214	1214	1214	1214	1214	1214	1214	1214	1214
TG-5241	Winston-Salem Transit	Preventive Maintenance	FUZ	5307	4847	2337	2337	2337	2337	2337	2337	2337	2337	2337
			Local	L	1212	585	585	585	585	585	585	585	585	585
TQ-6782	Winston-Salem MPO	FTA Section 5310 Winston-Salem allocation set aside for Compete Grant to eligible agencies to assist in meeting the needs of low income, Disabled, and elderly populations.	FEPD	5310	1055	358	358	358	358	358	358	358	358	358
			Local	L	264	90	90	90	90	90	90	90	90	90
TD-5303	Winston Salem Transit	FTA Section 5339 Bus and Bus Facilities Grant	FBUS	5339	1430	620	620	620	620	620	620	620	620	620
			Local	L	312	110	110	110	110	110	110	110	110	110
TQ-7010	Asheville Redefines Transit	Purchase Expansion Vehicles for ART	FEPD	5310			33							
TQ-6186	Asheville Redefines Transit	5310 Traditional Projects	FEPD	5310			182							
			Local	L			45							
TQ-6187	Asheville Redefines Transit	5310 Other Projects	FEPD	5310			115							

			Local	L		115							
TM-5138	Asheville Redefines Transit	Buncombe County-Black Mountain Trailblazer Service Operating Assistance	FUZ	5307		191							
			Local	L		191							
TM-5137	Asheville Redefines Transit	City of Asheville- Black Mountain Transit Service JARC Operating Assistance	FUZ	5307		128							
			Local	L		128							
TM-5163	Asheville Redefines Transit	City of Asheville Administrative Oversight of JARC projects in the Asheville Urbanized Area	FUZ	5307		50							
TG-6788	Asheville Redefines Transit	Mountain Projects (Haywood County) New Deviated Fixed Route Capital	FUZ	5307		68							
			Local	L		17							
TO-6144	Asheville Redefines Transit	Mountain Projects (Haywood County) New Deviated Fixed Route- Operations.	FUZ	5307		80							
			Local	L		80							
TC-5101	Western Piedmont Regional Transit Authority	Mobility Manager	FUZ	5307		128							
						31							
TQ-7008	Western Piedmont Regional Transit Authority	Program Administration	FEPD	5310		23							

Administrative Modifications

STIP #	TRANSIT PARTNER	DESCRIPTION	MATCH	FUND	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)	FY22 (000)	FY23 (000)	FY24 (000)	FY25 (000)	FY26 (000)	FY27 (000)
TG-6791	Go Raleigh	Capital Cost of Contracting	FUZ	5307	1280									
			Local	L	320									

Item I-1A, (36) Projects, Total Federal and State funds \$127,688,000

NCDOT August 2018 Board of Transportation Agenda

Rail Program

Town/County Division	Project Description	Estimated Cost
Statewide 43413	The Rail Division requests Board approval for additional funding, up to \$1,750,000, needed to support the operation of the passenger service under the name "Carolinian" (Trains 79 & 80) between Charlotte and Washington, D.C. The additional funds are needed due to recent ridership declines that have adversely impacted the Carolinian's ticket revenues. This decrease is primarily due to the operation of fewer interstate Carolinian trains caused by adverse weather events and track construction projects in Virginia. Funding will be used to cover all associated costs including fuel, host railroad payments, and estimated capital cost for Amtrak-owned passenger train equipment through the remaining federal fiscal year, ending September 30, 2018.	\$1,750,000
Division 2 Carteret County 80000.1.4.45	The Rail Division requests board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for cross ties and ballast stabilization at the North Carolina State Port Authority (NCSPA) Port of Morehead City, to improve safety and operating efficiency. The NCSPA will be responsible for the construction of the project. The additional cost to the Department is \$10,000. The total cost of the project is \$720,000. The total estimated cost to the Department is \$370,000. FRRCSI ID: F18101	\$10,000
Division 10 Union County 80000.2.1.20	The Rail Division requests board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for the completion of preliminary engineering for the closure of Crossing Number 638 898H, MP SG 319.97 (SR 1432 – Tory Path Road) near Waxhaw. Alternate access will be provided to (SR 1300 - Helms Road) as well as at-grade crossing improvements to Crossing Number 638 897B, MP SG 319.72 (SR – 1300). The additional cost to the Department is \$249,000. The total estimated cost to the Department remains the same at \$290,000. FRRCSI ID: F18205	\$249,000

NCDOT August 2018 Board of Transportation Agenda
Rail Program

Town/County Division	Project Description	Estimated Cost
Division 12 Gaston County 80000.2.2.6	The Rail Division requests Board approval of additional Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for increasing crossing signal monitoring equipment from 11 to 12 at-grade crossings on the Piedmont & Northern Railway. The Railroad will be responsible for the construction of the project. The additional cost to the Department is \$40,000. The total estimated cost to the Department is \$90,000. FRRCSI ID: F14223	\$40,000

ITEM I-2 SUMMARY – 4 PROJECTS – (TOTAL FEDERAL AND STATE) \$ 2,049,000

NCDOT August 2018 Board of Transportation Agenda

Division of Bicycle and Pedestrian Transportation

Town/County Division	Project Description	Estimated Cost
	There will be no items presented for approval at the August 2, 2018 Board of Transportation meeting.	

ITEM I - 3 SUMMARY – NO PROJECTS

NCDOT August 2018 Board of Transportation Agenda

Aviation Program

Town/County Division	Project Description	Estimated Cost
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There will be no items presented for approval at the August 2, 2018 Board of Transportation meeting.

ITEM I - 4 SUMMARY – NO PROJECTS

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Camden/ Currituck Cos. Div. 1 R-5717 DIVISION	WBS 50213.2.1 SR 1227 / SR 1208 (South Mills Road) / SR 1224 / SR 1223 (Old Swamp Road) from NC 343 in Camden County to NC 168 Bypass in Currituck County. Initial funds are requested for full right of way.	\$50,000.00
Camden/ Currituck Cos. Div. 1 R-5717 DIVISION	WBS 50213.2.2 SR 1227 / SR 1208 (South Mills Road) / SR 1224 / SR 1223 (Old Swamp Road) from NC 343 in Camden County to NC 168 Bypass in Currituck County. Initial funds are requested for utilities.	\$75,000.00
Carteret Co. Div. 2 R-5727 DIVISION	WBS 50219.1.1 SR 1176 (Bridges St. Ext), from SR 1738 (Bridges Street) to SR 1147 (McCabe Road). \$1,250,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$1,000,000.00
Carteret Co. Div. 2 R-5858 STATEWIDE	WBS 47546.1.1 NC 24 at NC 58. \$200,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$500,000.00
Craven Co. Div. 2 U-3431 DIVISION	WBS 39004.1.1 SR 1763 (Miller Boulevard) from SR 1756 (Lake Road) to Outer Banks Drive. \$650,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$800,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
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. \$175,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$200,000.00
Pitt Co. Div. 2 U-5917 DIVISION	WBS 44679.1.1 SR 1704 (Fourteenth Street) from Red Banks Road to SR 1708 (Firetower Road). \$575,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$800,000.00
Duplin Co. Div. 3 AV-5842 DIVISION	WBS 47195.3.1 Duplin County Airport (DPL). Widen runway and strengthen pavement to accommodate larger aircraft. \$5,150,000.00 has previously been approved for construction. Additional funds are requested.	\$367,000.00
New Hanover Co. Div. 3 U-3338C REGIONAL	WBS 34932.2.4 SR 1175 (Kerr Avenue) Interchange at US 74 (Martin Luther King Jr. Parkway). \$6,750,000.00 has previously been approved for right of way and Map Act appraisals. Funds need to be decreased (\$6,650,000.00). Funds are not needed on this WBS.	-\$6,650,000.00
Wilmington/ New Hanover Co. Div. 3 U-4751 STATEWIDE	WBS 40191.2.1 SR 1409 (Military Cutoff Road Extension) from SR 1409 (Military Cutoff Road) to US 17 in Wilmington. \$81,050,000.00 has previously been approved for acquisition of specific parcels. Additional funds are requested for numerous claims. This project has previously been identified as a Trust Fund Intrastate System project.	\$27,000,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Onslow Co. Div. 3 U-5878 DIVISION	WBS 44694.2.1 Commerce Drive, from Commerce Drive to SR 1406 (Piney Green Road) Initial funds are requested for full right of way.	\$975,000.00
Onslow Co. Div. 3 U-6107 STATEWIDE	WBS 48183.1.1 US 17 at McDaniel Drive / Workshop Lane. Initial funds are requested for preliminary engineering.	\$10,000.00
Pender Co. Div. 3 B-4929 REGIONAL	WBS 40233.3.1 Replace Bridge #16 over the Intracoastal Waterway on NC 50/210. \$46,026,316.00 has previously been approved for construction. Additional funds are requested.	\$14,000,000.00
Sampson Co. Div. 3 R-2303E STATEWIDE/ DIVISION	WBS 34416.1.S1 NC 24 from US 421 - 701 / SR 1296 (Sunset Avenue) to SR 1935 (Cecil Odie Road). \$1,387,599.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$1,750,000.00
Edgecombe/ Nash Cos. Div. 4 P-5711 STATEWIDE	WBS 44908.1.1 CSX A Line. Construct freight rail and intermodal terminal infrastructure (CCX) along National Gateway Corridor. \$10,000,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$25,000,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Edgecombe/ Nash Cos. Div. 4 P-5711CA STATEWIDE	WBS 44908.3.4 CSX A Line. Highway improvements - roundabout and slip/turn lanes. Initial funds are requested for construction.	\$3,750,000.00
Halifax Co. Div. 4 U-5725 REGIONAL/ DIVISION	WBS 50162.1.1 NC 125 from I-95 to Old Farm Road. \$700,000.00 has previously been approved for preliminary engineering. Additional funds are requested using Division tier funding.	\$800,000.00
Johnston Co. Div. 4 R-3410 REGIONAL	WBS 38857.1.1 NC 42 from NC 50 to US 70 Business. \$1,000,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$1,500,000.00
Wayne Co. Div. 4 U-5724 REGIONAL	WBS 54016.2.1 US 13 (Berkeley Boulevard) - realignment of SR 1709 (Central Heights Road) at Berkeley Boulevard. Initial funds are requested for full right of way and utilities.	\$270,000.00
Wake Co. Div. 5 P-5500 DIVISION	WBS 44092STI.3.1202 Raleigh Union Station - City of Raleigh. \$6,502,655.00 has previously been approved for construction. Additional funds are requested. This is a Strategic Transportation Investments Transition project.	\$1,780,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Wake Co. Div. 5 R-5705C REGIONAL	WBS 46377.1.4 NC 55 south of SR 2791 (Kennebec Church Road) to SR 4809 (Jicarilla Lane). \$10,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$750,000.00
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). \$125,939,754.00 has previously been approved for construction. Additional funds are requested.	\$25,000,000.00
Burlington/ Alamance Co. Div. 7 U-6010 REGIONAL	WBS 47145.1.1 US 70 (South Church Street) at SR 1226 / SR 1311 (University Drive) in Burlington. \$350,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$100,000.00
Burlington/ Alamance Co Div. 7 U-6011 REGIONAL	WBS 47146.1.1 US 70 (South Church Street) at SR 1158 (Huffman Mill Road). \$350,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$100,000.00
Caswell Co. Div. 7 R-5822 REGIONAL	WBS 47094.1.1 NC 86 from US 158 to Virginia State Line. \$100,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$700,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Guilford/ Rockingham Cos. Div. 7 R-2413C STATEWIDE	WBS 34429.3.7 US 220 / Future I-73 from Haw River to the existing US 220 / NC 68 intersection (combined with R-2309AB), 4.943 miles. \$62,973,238.00 has previously been approved for construction. Additional funds are requested. This project has previously been identified as a Trust Fund Intrastate System project. This is a Strategic Transportation Investments Transition project.	\$600,000.00
Guilford Co. Div. 7 R-4707 REGIONAL	WBS 36599.1.5 US 29; SR 4771 (Reedy Fork Parkway); and SR 2526 (Summit Avenue) from north of SR 2641 (Bryan Park Road) to US 29 / SR 4771 (Reedy Fork Parkway) interchange in Greensboro. \$1,535,000.00 has previously been approved for preliminary engineering. Additional funds are requested for right of way and final design/plans.	\$1,500,000.00
Greensboro/ Guilford Co. Div. 7 U-2525B STATEWIDE	WBS 34821.3.S6 Greensboro Eastern Loop from north of US 70 to US 29 north of Greensboro. \$153,008,603.00 has previously been approved for construction. Additional funds are needed to cover work for supplemental agreements. This is a Strategic Transportation Investments Transition project.	\$9,000,000.00
Guilford Co. Div. 7 U-5841 DIVISION	WBS 50232.1.1 Lindell Road from Friendly Avenue in Greensboro. \$250,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$450,000.00
Guilford Co. Div. 7 U-5850 DIVISION	WBS 50239.1.1 SR 1007 (Randleman Road) from Elmsley Drive to Glendale Drive in Greensboro. \$400,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$275,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Rockingham Co. Div. 7 AV-5852 DIVISION	WBS 47205.1.1 Rockingham County Airport - extend runway to 5500 feet. Initial funds are requested for preliminary engineering.	\$200,000.00
Moore Co. Div. 8 R-5824 DIVISION/ REGIONAL	WBS 47096.1.1 NC 690 (Lobelia Road) from US 1 in Vass to Cumberland County Line. \$365,100.00 has previously been approved for preliminary engineering. Additional funds are requested using Regional tier funding.	\$1,200,000.00
Randolph/ Guilford Cos. Divs. 7/8 U-3400 DIVISION	WBS 38996.1.1 SR 1577 - SR 1004 (Archdale Road) from SR 1567 (Robbins Country Road) to US 311 (Main Street) in Guilford County. \$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.	\$150,000.00
Randolph Co. Div. 8 U-5711 DIVISION	WBS 50160.2.2 SR 1712 (Pineview Street) from west of Sylvan Street to US 220 Business in Asheboro. Initial funds are requested for utilities.	\$793,000.00
Randolph Co. Div. 8 U-5711 DIVISION	WBS 50160.2.1 SR 1712 (Pineview Street) from west of Sylvan Street to US 220 Business in Asheboro. Initial funds are requested for full right of way.	\$1,000,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Davidson Co. Div. 9 R-5737 DIVISION	WBS 50195.2.1 US 29 / US 70 / Business 85 at SR 1798 (Old Greensboro Road). Initial funds are requested for full right of way and utilities.	\$3,600,000.00
Statewide Div. 9 M-0488B STATEWIDE	WBS 46404.1.2 Winston-Salem Northern Beltway - Map Act Lawsuit. \$2,500,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$360,000.00
Winston- Salem/ Forsyth Co. Div. 9 U-2579AA REGIONAL	WBS 34839.2.3 Winston-Salem Northern Beltway Eastern Section from US 311 to I-40. \$349,215.00 has previously been approved for appraisal and advanced acquisition of specific parcels. Funds are requested for full right of way and utilities. This project has previously been identified as a Trust Fund Urban Loop project.	\$5,585,000.00
Cabarrus Co. Div. 10 U-5761 REGIONAL	WBS 50174.2.1 NC 3 (Dale Earnhardt Boulevard) at intersection of NC 3 and US 29/601 (Cannon Boulevard). Initial funds are requested for full right of way and utilities.	\$2,760,000.00
Cabarrus Co. Div. 10 U-5761 REGIONAL	WBS 50174.1.1 NC 3 (Dale Earnhardt Boulevard) at intersection of NC 3 and US 29/601 (Cannon Boulevard). \$564,890.00 has previously been approved for preliminary engineering. Additional funds are requested for design costs.	\$335,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Mecklenburg Co. Div. 10 AV-5880 STATEWIDE	WBS 48138.3.1 Charlotte Douglas International Airport - expand west ramp near Concourse A -Phase I. Initial funds are requested for construction.	\$500,000.00
Mecklenburg Co. Div. 10 I-5507 STATEWIDE	WBS 43609.2.2 I-485 from I-77 to US 74 (Independence Boulevard). Initial funds are requested for full right of way and utilities.	\$1,600,000.00
Mecklenburg Co. Div. 10 I-5507 STATEWIDE	WBS 43609.3.2 I-485 from I-77 to US 74 (Independence Boulevard). Initial funds are requested for construction. This is a Cash Flow project with \$161,450,000.00 in SFY 19 and SFY 20.	\$322,900,000.00
Mecklenburg Co. Div. 10 I-6052 STATEWIDE	WBS 48234.1.1 I-277 (Brookshire Freeway) from west of I-77 to east of I-77. Initial funds are requested for preliminary engineering.	\$10,000.00
Mecklenburg Co. Div. 10 P-5705B DIVISION	WBS 44475.1.2 Charlotte Gateway Station. \$5,600,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$4,000,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Mecklenburg Co. Div. 10 R-0211EC DIVISION	WBS 34331.2.10 I-485 (Charlotte Outer Loop) at SR 3468 (Weddington Road). Initial funds are requested for full right of way and utilities.	\$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. Initial funds are requested for full right of way and utilities.	\$1,000,000.00
Mecklenburg Co. Div. 10 U-5772 REGIONAL	WBS 50184.1.1 NC 115 (Old Statesville Road) from NC 24 (Harris Boulevard) to I-485. \$500,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$3,000,000.00
Mecklenburg Co. Div. 10 U-5807 DIVISION	WBS 44379.1.1 SR 2136 (Gilead Road) from US 21 (Statesville Road) to NC 115. \$300,000.00 has previously been approved for preliminary engineering. Additional funds are requested for design.	\$1,400,000.00
Mecklenburg Co. Div. 10 U-5906 BONUS ALLOCATION	WBS 46451.1.1 Intersection improvements. SR 2195 (Torrence Chapel Road) and SR 5544 (West Catawba Avenue) in Corenelius. \$500,000.00 has previously been approved for preliminary engineering. Additional funds are requested for design. This is a Bonus Allocation project.	\$440,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Mecklenburg Co. Div. 10 U-5907 BONUS ALLOCATION	WBS 46452.1.1 Potts-Sloan-Beatty Connector in Davidson. \$150,000.00 has previously been approved for preliminary engineering. Additional funds are requested for design. This is a Bonus Allocation project.	\$750,000.00
Union Co. Div. 10 U-5723 STATEWIDE	WBS 46300.2.1 Existing US 74/601 interchange. Initial funds are requested for full right of way and utilities.	\$2,830,000.00
Union Co. Div. 10 U-5808 DIVISION	WBS 44381.1.1 SR 1362 (Chestnut Lane Connector) from Matthews Indian Trail Road to SR 1368 (Gribble Road). \$1,050,000.00 has previously been approved for preliminary engineering. Additional funds are requested for design.	\$700,000.00
Iredell Co. Div. 12 R-5100 DIVISION	WBS 41890.1.D1 SR 1109 (Williamson Road) from I-77 to NC 150. \$1,076,621.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$1,000,000.00
Buncombe Co. Div. 13 I-4700A STATEWIDE	WBS 36030.2.3 I-26 from NC 280 (Exit 40) to NC 146 (Long Shoals Road - Exit 37). Initial funds are requested for full right of way.	\$2,000,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Buncombe Co. Div. 13 I-4700B STATEWIDE	WBS 36030.2.4 I-26 from NC 146 (Long Shoals Road - Exit 37) to I-40. Initial funds are requested for full right of way.	\$2,000,000.00
Rutherfordton/ Rutherford Co. Div. 13 R-2233BB STATEWIDE/ DIVISION	WBS 34400.1.S5 US 221 South of US 74 Business to North of SR 1366 (Roper Loop Road). \$2,443,635.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$1,000,000.00
Clay Co. Div. 14 R-5742 DIVISION	WBS 46325.2.1 NC 175 from Georgia State Line to US 64, upgrade roadway. \$780,000.00 has previously been approved for full right of way and utilities. Additional funds are requested.	\$1,420,000.00
Henderson Co. Div. 14 I-4400C REGIONAL	WBS 34232.2.5 I-26 from US 25 Business (Exit 44) to NC 280 (Exit 40). Initial funds are requested for full right of way.	\$2,000,000.00
Statewide M-0376 STATEWIDE/ REGIONAL/ DIVISION	WBS 39406.1.3 Geotechnical investigations, studies and preliminary engineering for miscellaneous projects, statewide. \$1,334,271.00 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 (\$132,000.00) / 30% Regional (\$99,000.00) / 30% Division (\$99,000.00) Tier funding.	\$330,000.00

STATEWIDE STRATEGIC TRANSPORTATION INVESTMENTS	16 PROJECTS	\$423,060,000.00
REGIONAL STRATEGIC TRANSPORTATION INVESTMENTS	14 PROJECTS	\$25,950,000.00
DIVISION STRATEGIC TRANSPORTATION INVESTMENTS	23 PROJECTS	\$28,135,000.00
STATEWIDE/REGIONAL/DIVISION STRATEGIC TRANSPORTATION INVESTMENTS	1 PROJECT	\$330,000.00
STATEWIDE/DIVISION STRATEGIC TRANSPORTATION INVESTMENTS	2 PROJECTS	\$2,750,000.00
BONUS ALLOCATION STRATEGIC TRANSPORTATION INVESTMENTS	2 PROJECTS	\$1,190,000.00
REGIONAL/DIVISION STRATEGIC TRANSPORTATION INVESTMENTS	2 PROJECTS	\$2,000,000.00
STRATEGIC TRANSPORTATION INVESTMENTS	60 PROJECTS	\$483,415,000.00

August 2, 2018

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

L-1

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Onslow Co. Div. 3 SS-4903CX	WBS 47370.3.1 US 17 at NC 172. \$56,250.00 in Spot Safety construction funds has previously been approved for installation of shoulder mounted intersection warning signs with actuated flashers. Scope needs to be revised to installation of a temporary traffic signal with dynamic red extension and actuated signal ahead flashers. Additional funds are needed due to the scope change. File 03-16-43651-1	\$76,250.00
Cornelius/ Mecklenburg Co. Div. 10 SM-5710H	WBS 48274.3.1 SR 5544 (W. Catawba Avenue) from SR 1251 (Jetton Road) to US 21 (Statesville Road). Initial Spot Mobility construction funds are needed for traffic signal system installation. File 10-18-224	\$161,000.00
ITEM L SUMMARY	2 PROJECTS	\$237,250.00

August 2, 2018

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

Division 1

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Hertford Co. B-5603 DIVISION	45558.3.1, STP-1311(017) Replace Bridge #137 over the Meherrin River overflow on SR 1311. Funds are needed for construction for bridge replacement.	\$1,425,000.00 \$1,140,000.00 \$285,000.00	Cost Fed. State

Safety

Pasquotank Co. SS-4901BI STATEWIDE	48241.1.1, HSIP-0017(171) US 17 (N. Broad Street) at SR 1333 (Main Street). Funds are needed for preliminary engineering.	\$10,000.00 \$9,000.00 \$1,000.00	Cost Fed. State
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**NCDOT August 2018 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 2

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Beaufort Co. B-4433 DIVISION	38362.1.FD2, BRZ-1932(005) Replace Bridge #40 over Durham Creek on SR 1932. \$100,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$200,000.00 \$160,000.00 \$40,000.00	Cost Fed. State
Carteret Co. B-4863 DIVISION	40212.1.3, BRSTP-1335(4) SR 1335 (Island Road), replace lift span on Bridges #73 and #96 over the Straits at Harkers Island. \$1,000,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$1,000,000.00 \$800,000.00 \$200,000.00	Cost Fed. State

Safety

Craven Co. SS-4902CV REGIONAL	48243.1.1, HSIP-0043(029) NC 43 between NC 118 / SR 1654 (Bailey Lane) in Craven County and SR 1729 (Bell Fork Road) in Pitt County. Funds are needed for preliminary engineering.	\$5,000.00 \$4,500.00 \$500.00	Cost Fed. State
Lenoir Co. SS-4902CW REGIONAL	48242.1.1, HSIP-0011(040) NC 11 at NC 55 and SR 1341 (Tyree Road). Funds are needed for preliminary engineering.	\$10,000.00 \$9,000.00 \$1,000.00	Cost Fed. State

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

Division 2 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Pitt Co. W-5702L DIVISION	44848.1.12, HSIP-1755(011) SR 1755 (Black Jack-Simpson Road) at SR 1744 (Mills Road). Funds are needed for preliminary engineering.	\$10,000.00 Cost \$9,000.00 Fed. \$1,000.00 State

Municipal Bridge

Craven Co. M-0414 EXEMPT	42080.1.112, BRZ-NBIS(13) Municipal Bridge Inspection - one bridge within the municipality of River Bend. \$2,484.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$3,000.00 Cost \$2,400.00 Fed. \$600.00 Local
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**NCDOT August 2018 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 3

Urban

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
New Hanover Co. U-3338C REGIONAL	34932.2.3, STP-1175(011) SR 1175 (Kerr Avenue) interchange at US 74 (Martin Luther King, Jr. Parkway). Funds are needed for full right of way.	\$6,250,000.00 \$5,000,000.00 \$1,250,000.00	Cost Fed. State
New Hanover Co. U-3338C REGIONAL	34932.2.5, STP-1175(011) SR 1175 (Kerr Avenue) interchange at US 74 (Martin Luther King, Jr. Parkway). Funds are needed for utilities.	\$400,000.00 \$320,000.00 \$80,000.00	Cost Fed. State

Safety

Brunswick Co. SS-4903DS STATEWIDE	48246.1.1, HSIP-0074(214) US 74 / 76 and NC 87 (Maco Road) / SR 1419 (Northwest Road Northeast). Funds are needed for preliminary engineering.	\$3,000.00 \$2,700.00 \$300.00	Cost Fed. State
New Hanover Co. SS-4903DQ STATEWIDE	48244.1.1, HSIP-0117(044) US 117 / NC 132 (College Road) at SR 1175 (Peachtree Avenue / Kerr Avenue). Funds are needed for preliminary engineering.	\$9,500.00 \$8,550.00 \$950.00	Cost Fed. State

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

Division 3 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
New Hanover Co. SS-4903DR DIVISION	48245.1.1, HSIP-1318(017) SR 1318 (Blue Clay Road) and SR 1322 (North Kerr Avenue). Funds are needed for preliminary engineering.	\$6,000.00 \$5,400.00 \$600.00	Cost Fed. State
Onslow Co. W-5602 REGIONAL	50139.1.FR1, HSIP-0172(13) NC 172 from the Camp Lejeune gate to NC 210. \$315,555.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$500,000.00 \$450,000.00 \$50,000.00	Cost Fed. State

Rural

Brunswick Co. R-3601(L) STATEWIDE	38868.3.4, NHS-0017(165) US 17 / 74 / 76 and NC 133 (Village Road / River Road) Interchange. Funds are needed for construction for landscaping.	\$325,000.00 \$260,000.00 \$65,000.00	Cost Fed. State
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**NCDOT August 2018 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 4

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Wilson Co. I-5818 STATEWIDE	50461.3.1, NHPIM-0795(007) I-795 from US 264 to I-95. Funds are needed for construction for pavement rehabilitation.	\$4,500,000.00 \$3,600,000.00 \$900,000.00	Cost Fed. State

Safety

Divisionwide W-5704J STATEWIDE	44850.3.10, HSIP-00SS(010) 38 secondary roads in five counties of Division 4. Funds are needed for construction for thermoplastic pavement markings.	\$2,300,000.00 \$2,070,000.00 \$230,000.00	Cost Fed. State
Edgecombe Co. SS-4904EQ REGIONAL	48248.1.1, HSIP-0064(199) US 64 Alternate / NC 111 (Western Boulevard) at NC 111 / SR 1350 (West Wilson Street). Funds are needed for preliminary engineering.	\$5,000.00 \$4,500.00 \$500.00	Cost Fed. State
Johnston Co. W-5704I STATEWIDE	44850.3.9, HSIP-0117(043) US 117 at Bridge #23 near the Wayne County Line and SR 2339 (Bagley Road) at Bridge #226 over the Little River. Funds are needed for construction to install guardrails.	\$183,000.00 \$164,700.00 \$18,300.00	Cost Fed. State

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

Division 4 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Nash Co. SS-4904ER REGIONAL	48247.1.1, HSIP-0581(031) NC 581 at SR 1306 (North Old Franklin Road). Funds are needed for preliminary engineering.	\$45,000.00 Cost \$40,500.00 Fed. \$4,500.00 State

Bicycle and Pedestrian

Johnston Co. U-5530LA DIVISION	44111.3.5, STPDA-0406(007) North O'Neil Street for Sam's Branch Greenway - North O'Neil Street to Legend Park at City Road (combined with: U-5530LB - North O'Neil Street to Legend Park at City Road - North O'Neil Street for Sam's Branch Greenway). Funds are needed for construction to construct a greenway path.	\$2,136,000.00 Cost \$1,708,800.00 Fed. \$427,200.00 Local
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**NCDOT August 2018 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-5604OA EXEMPT	43714.2.1, CMAQ-0505(082) New Bern Avenue from Tarboro Road to Sunnybrook Drive. Funds are needed for full right of way and utilities.	\$81,462.00 Cost \$27,208.00 Fed. \$54,254.00 Local

Urban

Durham Co. U-5823 DIVISION	44394.1.1, STP-0505(093) Woodcroft Parkway Extension - SR 1116 (Garrett Road) to NC 751 (Hope Valley Road) in Durham. Funds are needed for preliminary engineering.	\$595,000.00 Cost \$476,000.00 Fed. \$119,000.00 Local
Wake Co. U-6096 DIVISION	47916.1.1, STBGDA-2763(001) Intersection of SR 2763 (Old Honeycutt Road) and SR 1301 (Purfoy Road) in Fuquay-Varina. Funds are needed for preliminary engineering.	\$136,500.00 Cost \$102,375.00 Fed. \$34,125.00 Local

Safety

Durham Co. W-5705C REGIONAL	44851.1.3, HSIP-0501(046) US 501 at Garrett Road, US 501 Business at Westgate Drive, US 501 Business at Tower Boulevard, and US 501 Business at Shannon Road. \$10,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$15,000.00 Cost \$13,500.00 Fed. \$1,500.00 State
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**NCDOT August 2018 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 5 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Durham Co. W-5705S REGIONAL	44851.1.19, HSIP-0015(057) US 15/501 at NC 751 southbound on ramp. Funds are needed for preliminary engineering.	\$110,000.00 \$99,000.00 \$11,000.00	Cost Fed. State
Durham Co. W-5705T DIVISION	44851.1.20, HSIP-1815(003) SR 1815/1917 (Mineral Springs Road) at Pleasant Drive. Funds are needed for preliminary engineering.	\$135,000.00 \$121,500.00 \$13,500.00	Cost Fed. State
Durham Co. W-5705U REGIONAL	44851.1.21, HSIP-0070(220) US 70 Business (Morgan Street) at Carolina Theatre. Funds are needed for preliminary engineering.	\$5,000.00 \$4,500.00 \$500.00	Cost Fed. State
Durham Co. W-5705V REGIONAL	44851.1.22, HSIP-0054(030) NC 54 at Huntingridge Road. Funds are needed for preliminary engineering.	\$3,000.00 \$2,700.00 \$300.00	Cost Fed. State

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

Division 5 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Wake Co. W-5705O DIVISION	44851.3.15, HSIP-3109(004) SR 3109 (Brier Creek Parkway) at Alm Street and Fossil Creek Court. Funds are needed for construction for a traffic signal.	\$125,000.00 \$112,500.00 \$12,500.00	Cost Fed. State
Divisionwide W-5705W DIVISION	44851.1.23, HSIP-2044(006) SR 2044 (Ligon Mill Road) approximately 0.30 mile north of US 401. Funds are needed for preliminary engineering.	\$77,000.00 \$69,300.00 \$7,700.00	Cost Fed. State

Bicycle and Pedestrian

Durham Co. EB-5514 DIVISION	50030.3.1, STPEB-0751(26) NC 751 / SR 1183 (University Drive) / SR 2220 (Chapel Hill Road) / Non-System (University Drive) from SR 1116 (Garrett Road) to SR 1158 (Cornwallis Road). Funds are needed for construction to add bicycle lanes and pedestrian improvements. This is a Strategic Transportation Investments Transition project.	\$1,015,000.00 \$812,000.00 \$203,000.00	Cost Fed. State
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**NCDOT August 2018 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 5 (Continued)

Bicycle and Pedestrian

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Durham Co. EB-5720 DIVISION	50416.1.2, TAP-0505(090) Bryant Bridge North / Goose Creek West Trail, NC 55 to Drew-Granby Park in Durham. \$232,800.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$578,559.00 \$462,847.00 \$115,712.00	Cost Fed. Local
Durham Co. EB-5837 DIVISION	47267.1.1, TAP-1158(012) Third Fork Creek Trail from Southern Boundaries Park to American Tobacco Trail in Durham. Funds are needed for preliminary engineering.	\$369,737.00 \$295,789.00 \$73,948.00	Cost Fed. Local
Wake Co. EB-5894 DIVISION	47291.1.1, TAP-0505(094) Black Creek Greenway, phases I, II and V, West Dynasty Drive to Old Reedy Creek Road in Cary. Funds are needed for preliminary engineering.	\$5,000.00 \$4,000.00 \$1,000.00	Cost Fed. Local
Wake Co. EL-5100CD DIVISION	41821.1.42, STPDA-0512(12) East side of Smithfield Road from Carrington Drive and Edenburghs Keep Drive to Knightdale Boulevard. \$35,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$1,062.00 \$743.00 \$319.00	Cost Fed. Local

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

Division 5 (Continued)

Bicycle and Pedestrian

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Wake Co. EL-5100CD DIVISION	41821.3.F42, STPDA-0512(12) East side of Smithfield Road from Carrington Drive and Edenburghs Keep Drive to Knightdale Boulevard. \$289,765.00 has previously been approved for construction. Additional funds are needed for sidewalk improvements.	<div style="display: flex; justify-content: flex-end;"> <div style="text-align: right; margin-right: 20px;"> \$14,928.00 \$10,449.00 \$4,479.00 </div> <div> Cost Fed. Local </div> </div>

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

Division 6

Enhancement

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Cumberland Co. ER-5600FC REGIONAL	46305.3.31, STBG-0401(284) US 401 (Ramsey Street) at the CXS Railroad Crossing in Fayetteville. Funds are needed for landscaping.	\$56,500.00 \$45,200.00 \$11,300.00	Cost Fed. State

Safety

Columbus Co. SS-4906DV DIVISION	48250.1.1, HSIP-1429(009) SR 1429 (Slippery Log Road / Old Pine Log Road) and SR 1005 (Peacock Road). Funds are needed for preliminary engineering.	\$1,000.00 \$900.00 \$100.00	Cost Fed. State
Columbus Co. W-5601EV STATEWIDE	50138.3.153, HSIP-0074(186) US 74 from SR 1824 (Water Tank Road) to just east of the Brunswick County Line. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published June 6, 2018.	\$5,660,000.00 \$4,528,000.00 \$1,132,000.00	Cost Fed. State
Cumberland Co. W-5706B DIVISION	44852.3.2, HSIP-0401(280) US 401 (Ramsey Street) at SR 2523 (Bienville Drive). Funds are needed for construction for turn lanes.	\$600,000.00 \$540,000.00 \$60,000.00	Cost Fed. State

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

Division 6 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Harnett Co. SS-4906DW REGIONAL	48249.1.1, HSIP-0401(292) US 401 at SR 2027 (Josey Williams Road / Horseshoe Bend Road). Funds are needed for preliminary engineering.	\$3,000.00 \$2,700.00 \$300.00	Cost Fed. State
Robeson Co. SS-4906DU DIVISION	48251.1.1, HSIP-1006(051) SR 1006 (Morgan J Road / Great Marsh Church Road) at SR 1752 (Rennert Road). Funds are needed for preliminary engineering.	\$1,000.00 \$900.00 \$100.00	Cost Fed. State

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

Division 7

National Highway

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Guilford Co. U-5892 REGIONAL	44673.1.1, NHP-0220(083) US 220 (Battleground Avenue) from Westridge Road to Cotswold Avenue in Greensboro. \$100,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$500,000.00 \$400,000.00 \$100,000.00	Cost Fed. State

Bridge

Guilford Co. B-4958 DIVISION	40150.3.1, BRZ-2128(002) Replace Bridge #106 over Reedy Fork Creek on SR 2128. Funds are needed for construction for bridge replacement.	\$1,025,000.00 \$820,000.00 \$205,000.00	Cost Fed. State
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Safety

Guilford Co. SS-4907CF DIVISION	48252.1.1, HSIP-1278(003) SR 1278 (University Parkway) at Davis Avenue in High Point. Funds are needed for preliminary engineering.	\$5,000.00 \$4,500.00 \$500.00	Cost Fed. State
Guilford Co. SS-4907CH REGIONAL	48254.1.1, HSIP-0150(044) NC 150 at SR 4963 (Chesterbrooke Drive) in Summerfield. Funds are needed for preliminary engineering.	\$40,000.00 \$36,000.00 \$4,000.00	Cost Fed. State

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

Division 7 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Rockingham Co. SS-4907CG REGIONAL	48253.1.1, HSIP-0158(073) US 158 at SR 2422 (Monroeton Road) / SR 2426 (Cunningham Mill Road) southwest of Reidsville. Funds are needed for preliminary engineering.	\$15,000.00 \$13,500.00 \$1,500.00	Cost Fed. State

Municipal Bridge

Guilford Co. B-5553 DIVISION	46311.2.1, STP-0708(70) Replace Bridge #98 over a tributary of Horsepen Creek on Ballenger Road in Greensboro. Funds are needed for full right of way and utilities.	\$94,000.00 \$75,200.00 \$18,800.00	Cost Fed. Local
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Bicycle and Pedestrian

Guilford Co. EB-5883 DIVISION	47279.1.1, TAP-0220(085) US 220 (Wendover Avenue) from Grecale Street to SR 1001 (North Church Street) and SR 2526 (Summit Avenue) to US 29 (North O'Henry Boulevard) in Greensboro. Funds are needed for preliminary engineering.	\$141,750.00 \$113,400.00 \$28,350.00	Cost Fed. Local
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**NCDOT August 2018 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 8

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Moore Co. SS-4908BW DIVISION	48261.1.1, HSIP-1209(010) SR 1209 (Murdocksville Road) at SR 1216 (Juniper Lake Road). Funds are needed for preliminary engineering.	\$1,000.00 \$900.00 \$100.00	Cost Fed. State
Moore Co. SS-4908BY DIVISION	48255.1.1, HSIP-1004(071) SR 1004 (Hoffman Road) at SR 1113 (Rose Ridge Road). Funds are needed for preliminary engineering.	\$5,000.00 \$4,500.00 \$500.00	Cost Fed. State
Randolph Co. SS-4908BX DIVISION	48260.1.1, HSIP-2417(002) SR 2417 (Liberty Grove Road) at SR 2418 (Richland Church Road). Funds are needed for preliminary engineering.	\$1,000.00 \$900.00 \$100.00	Cost Fed. State

Rural

Chatham Co. R-5788 DIVISION	44918.1.1, TAP-0801(022) ADA Ramps (Americans with Disabilities Act) various routes. Funds are needed for preliminary engineering.	\$25,000.00 \$20,000.00 \$5,000.00	Cost Fed. State
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**NCDOT August 2018 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 10

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Mecklenburg Co. I-3803B(L) STATEWIDE	34187.3.5, NHIMF-0085(044) I-85 from south of SR 2894 (Speedway-Concord Mills Boulevard) in Mecklenburg County to NC 73 in Cabarrus County. Funds are needed for construction for landscaping.	\$1,500,000.00 \$1,200,000.00 \$300,000.00	Cost Fed. State

Congestion Mitigation

Mecklenburg Co. C-5537 EXEMPT	51007.3.1, CMS-1003(119) Barton Creek Greenway connecting Mallard Creek Greenway north of Tryon Street to JW Clay Boulevard. \$727,680.00 has previously been approved for construction. Additional funds are needed for construction of a greenway.	\$1,729,838.00 \$1,383,870.00 \$345,968.00	Cost Fed. Local
Mecklenburg Co. C-5613BA EXEMPT	43735.3.5, CMAQ-1003(162) Harris Boulevard from University City Boulevard to Rocky River Road and Old Concord Road to McLean Road. Funds are needed for construction for ITS (Intelligent Transportation Systems).	\$510,000.00 \$402,900.00 \$107,100.00	Cost Fed. Local

Urban

Mecklenburg Co. U-6092 DIVISION	47886.1.1, STBGDA-1003(166) SR 2693 (Davidson Concord Road) at SR 6023 (Robert Walker Drive). Funds are needed for preliminary engineering.	\$150,000.00 \$120,000.00 \$30,000.00	Cost Fed. Local
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**NCDOT August 2018 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 10 (Continued)

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Cabarrus Co. B-5136 REGIONAL	42295.1.1, BRSTP-0029(43) Replace Bridges #66 and #69 over the Norfolk Southern Railroad on US 29 / US 601. \$890,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$295,000.00 \$236,000.00 \$59,000.00	Cost Fed. State
Cabarrus Co. B-5136 REGIONAL	42295.2.1, BRSTP-0029(43) Replace Bridges #66 and #69 over the Norfolk Southern Railroad on US 29 / US 601. \$1,250,000.00 has previously been approved for right of way and utilities. Additional funds are needed as requested.	\$930,000.00 \$744,000.00 \$186,000.00	Cost Fed. State
Cabarrus Co. B-5136 REGIONAL	42295.3.FR1, BRSTP-0029(43) Replace Bridges #66 and #69 over the Norfolk Southern Railroad on US 29 / US 601. \$14,766,411.00 has previously been approved for construction. Additional funds are needed for bridge replacement.	\$1,360,000.00 \$1,088,000.00 \$272,000.00	Cost Fed. State

Safety

Anson Co. W-5710P STATEWIDE	44856.3.16, HSIP-0052(055) US 52 / US 74 / NC 742 (Andrew Jackson Highway) and SR 1472 (Salisbury Court / Main Street) in Wadesboro. Funds are needed for construction for pedestrian crossing.	\$400,000.00 \$360,000.00 \$40,000.00	Cost Fed. State
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**NCDOT August 2018 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 10 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Mecklenburg Co. SS-4910DJ REGIONAL	48257.1.1, HSIP-0029(070) US 29 (Wilkinson Boulevard) at Alleghany Street in Charlotte. Funds are needed for preliminary engineering.	\$5,000.00 \$4,500.00 \$500.00	Cost Fed. State
Mecklenburg Co. SS-4910DK DIVISION	48256.1.1, HSIP-2540(001) SR 2540 (Graham Street) at SR 2621 (Equipment Drive) and SR 2480 (Sugar Creek Road) at SR 2619 / SR 2621 in Charlotte. Funds are needed for preliminary engineering.	\$2,000.00 \$1,800.00 \$200.00	Cost Fed. State
Mecklenburg Co. W-5710AE STATEWIDE	44856.3.31, HSIP-0077(017) I-77 and I-85 in Mecklenburg County, US 52 in Stanly County and Anson County, and US 74 in Mecklenburg County, Union County and Anson County. Funds are needed for construction to replace existing guardrails.	\$245,000.00 \$220,500.00 \$24,500.00	Cost Fed. State
Mecklenburg Co. W-5710F DIVISION	44856.3.6, HSIP-3624(001) SR 3624 (Rea Road) and Old Providence Road in Charlotte. Funds are needed for construction to install traffic signals.	\$150,000.00 \$135,000.00 \$15,000.00	Cost Fed. State

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

Division 10 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Mecklenburg Co. W-5710GA STATEWIDE	44856.3.32, HSIP-0052(056) US 52 from Norwood City Limits northward to NC 138. \$112,000.00 has previously been approved for construction. Additional funds are needed to install rumble strips and thermoplastic pavement markings.	\$139,000.00 \$125,100.00 \$13,900.00	Cost Fed. State
Stanly Co. W-5710AF DIVISION	44856.1.34, HSIP-1200(009) SR 1200 (Bethel Church Road) and SR 1211 (Coley Store Road) near Locust. Funds are needed for preliminary engineering.	\$200,000.00 \$180,000.00 \$20,000.00	Cost Fed. State
Stanly Co. W-5710AG DIVISION	44856.1.35, HSIP-1542(013) SR 1542 (Ridge Street) and SR 1545 (Mountain View Church Road) near Albemarle. Funds are needed for preliminary engineering.	\$150,000.00 \$135,000.00 \$15,000.00	Cost Fed. State
Union Co. W-5601AC REGIONAL	50138.3.30, HSIP-0075(004) NC 75 (Waxhaw Highway) and SR 1007 (Rocky River Road) / SR 1150 (Old Waxhaw Monroe Road) near Monroe. Funds are needed for construction to install a roundabout.	\$1,100,000.00 \$990,000.00 \$110,000.00	Cost Fed. State

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

Division 10 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Union Co. W-5601IJ DIVISION	50138.2.245, HSIP-1004(062) SR 1004 (Lawyers Road) and SR 1539 (Rock Hill Church Road) near Stallings. Funds are needed for full right of way and utilities.	\$100,000.00 \$90,000.00 \$10,000.00	Cost Fed. State
Union Co. W-5710AH REGIONAL	44856.1.36, HSIP-0200(014) NC 200 (Lancaster Highway) and SR 1137 (Potter Road). Funds are needed for preliminary engineering.	\$175,000.00 \$157,500.00 \$17,500.00	Cost Fed. State

Municipal Bridge

Mecklenburg Co. B-5930 DIVISION	50151.2.1, BRSTP-1003(147) Replace Bridge #433 over McAlpine Creek on Sardis Lane. Funds are needed for full right of way and utilities.	\$119,000.00 \$95,200.00 \$23,800.00	Cost Fed. Local
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Rural

Mecklenburg Co. R-5790JE DIVISION	44920.3.13, TAP-1001(089) ADA Ramps (Americans with Disabilities Act) for areas with a population > 5,000. Funds are needed for construction to construct concrete curb ramps and retrofitting existing ramps.	\$1,330,000.00 \$1,064,000.00 \$266,000.00	Cost Fed. State
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**NCDOT August 2018 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 11

Rural

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Divisionwide R-5791BA DIVISION	44921.1.4, TAP-1119(011) ADA Ramps (Americans with Disabilities Act) for areas with a population < 5,000. Funds are needed for preliminary engineering.	\$80,000.00 Cost \$64,000.00 Fed. \$16,000.00 State

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

Division 12

Congestion Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Gaston Co. C-5606J EXEMPT	43728.1.10, CMAQ-000S(899) Lowell Poston Park sidewalk connector. Funds are needed for preliminary engineering.	\$64,031.00 \$51,225.00 \$12,806.00	Cost Fed. Local

Safety

Catawba Co. W-5712K STATEWIDE	44858.1.11, HSIP-1476(002) SR 1476 (Fairgrove Church Road) southeast at I-40 eastbound ramp. Funds are needed for preliminary engineering.	\$15,000.00 \$13,500.00 \$1,500.00	Cost Fed. State
Catawba Co. W-5712L REGIONAL	44858.1.12, HSIP-0070(221) US 70 / US 321 at SR 2375 (Bumgarner Industrial Drive) / American Legion Avenue. Funds are needed for preliminary engineering.	\$15,000.00 \$13,500.00 \$1,500.00	Cost Fed. State
Gaston Co. W-5712M DIVISION	44858.1.13, HSIP-1136(012) SR 1136 (Myrtle School Road / Davis Park Road) at SR 1131 (Linwood Road). Funds are needed for preliminary engineering.	\$5,000.00 \$4,500.00 \$500.00	Cost Fed. State

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

Division 13

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Buncombe Co. I-6049 STATEWIDE	48149.3.1, NHPIM-0026(017) I-26 in Buncombe County from Exit 37 to Exit 44, east and westbound lanes. Funds are needed for construction to repair concrete slabs.	\$1,318,000.00 \$1,054,400.00 \$263,600.00	Cost Fed. State

Appalachian

Rutherford Co. R-5875 EXEMPT	47918.1.1, APD-1111(010) SR 1111 (Jack McKinney Road) from US 221 to the Dan River Facility. Funds are needed for preliminary engineering.	\$10,000.00 \$10,000.00	Cost Fed.
Rutherford Co. R-5875 EXEMPT	47918.3.1, APD-1111(010) SR 1111 (Jack McKinney Road) from US 221 to the Dan River Facility. Funds are needed for construction to preserve the integrity and increase the safety of the existing roadway.	\$883,000.00 \$883,000.00	Cost Fed.

Safety

Burke Co. SS-4913CV DIVISION	48258.1.1, HSIP-1621(006) SR 1621 (Icard Rhodhiss Road) from SR 1618 to SR 1611 near Icard. Funds are needed for preliminary engineering.	\$16,000.00 \$14,400.00 \$1,600.00	Cost Fed. State
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**NCDOT August 2018 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 13 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Buncombe Co. W-5713O DIVISION	44861.1.15, HSIP-1756(003) SR 1756 in Buncombe County, SR 1001 in McDowell County, SR 1001 and SR 1006 in Rutherford County. Funds are needed for preliminary engineering.	\$10,000.00 \$9,000.00 \$1,000.00	Cost Fed. State
Buncombe Co. W-5713O DIVISION	44861.3.15, HSIP-1756(003) SR 1756 in Buncombe County, SR 1001 in McDowell County, SR 1001 and SR 1006 in Rutherford County. Funds are needed for construction to install thermoplastic pavement markings.	\$573,000.00 \$515,700.00 \$57,300.00	Cost Fed. State

Municipal Bridge

Buncombe Co. M-0414MC EXEMPT	42080.1.125, BRZ-NBIS(015) Municipal Bridge Inspection - two bridges within the municipality of Woodfin. Funds are needed for preliminary engineering.	\$7,000.00 \$5,600.00 \$1,400.00	Cost Fed. Local
Buncombe Co. M-0414MD EXEMPT	42080.1.126, BRZ-NBIS(014) Municipal Bridge Inspection - one bridge within the municipality of Enka. Funds are needed for preliminary engineering.	\$3,500.00 \$2,800.00 \$700.00	Cost Fed. Local

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

Division 13 (Continued)

Rural

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Buncombe Co. R-5793FA DIVISION	44923.3.12, TAP-1302(081) ADA Ramps (Americans with Disabilities Act) for areas with a population < 5,000. Funds are needed for construction to construct concrete curb ramps and retrofitting existing ramps.	\$275,000.00 \$220,000.00 \$55,000.00	Cost Fed. State
Buncombe Co. R-5793FB DIVISION	44923.3.13, TAP-1302(082) ADA Ramps (Americans with Disabilities Act) for areas with a population > 5,000. Funds are needed for construction to construct concrete curb ramps and retrofitting existing ramps.	\$320,000.00 \$256,000.00 \$64,000.00	Cost Fed. State
Burke Co. R-5793EA DIVISION	44923.3.10, TAP-1302(079) ADA Ramps (Americans with Disabilities Act) for areas with a population < 5,000. Funds are needed for construction to construct concrete curb ramps and retrofitting existing ramps.	\$130,000.00 \$104,000.00 \$26,000.00	Cost Fed. State
Burke Co. R-5793EB DIVISION	44923.3.11, TAP-1302(080) ADA Ramps (Americans with Disabilities Act) for areas with a population > 5,000. Funds are needed for construction to construct concrete curb ramps and retrofitting existing ramps.	\$357,000.00 \$285,600.00 \$71,400.00	Cost Fed. State

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

Division 14

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Henderson Co. I-4400BA STATEWIDE	34232.1.5, NHP-0026(016) I-26 at US 64 (Exit 49) Interchange. Funds are needed for preliminary engineering.	\$1,000,000.00 \$800,000.00 \$200,000.00	Cost Fed. State
Henderson Co. I-4400BB STATEWIDE	34232.1.6, NHP-0026(015) I-26 from US 64 (Exit 49) to US 25 Business (Exit 44). Funds are needed for preliminary engineering.	\$1,500,000.00 \$1,200,000.00 \$300,000.00	Cost Fed. State

Appalachian

Clay Co. A-0011C DIVISION	32574.2.4, APD-0069(007) NC 69 / US 64 from Georgia State Line to US 64 (Hayesville Bypass). Funds are needed for full right of way and utilities.	\$8,300,000.00 \$8,300,000.00	Cost Fed.
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Bridge

Transylvania Co. B-5550 DIVISION	43653.2.1, BRSTP-1402(11) Replace Bridge 870102 on Railroad Avenue over Kings Creek. Funds are needed for full right of way and utilities.	\$150,000.00 \$120,000.00 \$30,000.00	Cost Fed. Local
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**NCDOT August 2018 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 14 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Graham Co. W-5714G REGIONAL	44862.1.7, HSIP-0143(009) NC 143, NC 28, US 129. Funds are needed for preliminary engineering.	\$10,000.00 \$9,000.00 \$1,000.00	Cost Fed. State
Jackson Co. W-5714E REGIONAL	44862.2.5, HSIP-0064(197) US 64 approximately 0.8 mile east of SR 1119 (Sapphire Post Office Road) at "Chrysler Curve" near Sapphire. Funds are needed for full right of way and utilities.	\$35,000.00 \$31,500.00 \$3,500.00	Cost Fed. State
Transylvania Co. SS-4914DN DIVISION	48259.1.1, HSIP-1536(006) SR 1536 (Cascade Lake Road) at SR 1591 (Staton Road) near Cedar Mountain. Funds are needed for preliminary engineering.	\$5,000.00 \$4,500.00 \$500.00	Cost Fed. State
Transylvania Co. W-5601DU REGIONAL	50138.1.125, HSIP-0276(016) US 276 from the South Carolina State Line to SR 1118 (Gallimore Road) near Brevard. \$50,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$35,000.00 \$31,500.00 \$3,500.00	Cost Fed. State

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

Statewide

Bicycle and Pedestrian

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Statewide	55062.1.10, STBGEB-000S(912)	\$150,000.00	Cost
EB-5542F	"Watch for Me NC" 2018 Bicycle and Pedestrian Public	\$120,000.00	Fed.
STATEWIDE	Engagement and Enforcement program. Funds are needed for training.	\$30,000.00	State

ITEM M SUMMARY - 100 PROJECT(S) - (TOTAL FEDERAL AND STATE) \$56,623,367.00

Revision to Item M of June 28th, 2018

As reads on Page M-15:

R-2747EB 34409.3.GV17, NHP-0052(057)

Winston-Salem Northern Beltway Interchange at US 52. This is a GARVEE BOND project with \$6,435,600 of Federal funds in FFY 18 through FFY 32, and \$8,333,333 of State matching funds in FFY 18 through FFY 19. This project also has \$23,500,000 in NHPP funds, including match, in FFY 18 through FFY 19. Funds are needed for construction based on the estimate from the 12-month Tentative Letting List published May 18, 2018.

Is revised to read:

R-2247EB 34409.3.GV17, NHP-0052(057)

Winston-Salem Northern Beltway Interchange at US 52. This is a GARVEE BOND project with \$6,435,600 of Federal funds in FFY 18 through FFY 32, and \$12,500,000 of State matching funds in FFY 18 through FFY 19. This project also has \$11,750,000 in NHPP funds, including match, in FFY 18 through FFY 19. Funds are needed for construction based on the estimate from the 12-month Tentative Letting List published May 18, 2018.

HIGHWAY PROGRAM STIP ADDITIONS

DIVISION 1

* B-5606	SR 1338 (WYNNE FORK ROAD), REPLACE BRIDGE	CONSTRUCTION	FY 2019 -	\$1,200,000	(STBG OFF)
PERQUIMANS	710011 OVER RACON CREEK.			\$1,200,000	
PROJ.CATEGORY	<u>PROJECT ADDED AT REQUEST OF STRUCTURES</u>				
DIVISION	<u>MANAGEMENT UNIT.</u>				

DIVISION 2

* B-4605	SR 1777 (BLACK JACK GRIMESLAND ROAD), REPLACE	RIGHT-OF-WAY	FY 2019 -	\$95,000	(STBG OFF)
PITT	BRIDGE 730005 OVER CHICOD CREEK.	CONSTRUCTION	FY 2019 -	\$950,000	(STBG OFF)
PROJ.CATEGORY	<u>PROJECT ADDED AT REQUEST OF STRUCTURES</u>				
DIVISION	<u>MANAGEMENT UNIT.</u>				
				\$1,045,000	

* B-5994	SR 1142 (WEYERHAEUSER ROAD), REPLACE BRIDGE	RIGHT-OF-WAY	FY 2019 -	\$115,000	(STBG OFF)
JONES	510032 OVER TUCKAHOE SWAMP.	CONSTRUCTION	FY 2019 -	\$1,150,000	(STBG OFF)
PROJ.CATEGORY	<u>PROJECT ADDED AT REQUEST OF STRUCTURES</u>				
DIVISION	<u>MANAGEMENT UNIT.</u>				
				\$1,265,000	

* B-5995	SR 1302 (JANIERO ROAD), REPLACE BRIDGE 680057	RIGHT-OF-WAY	FY 2019 -	\$600,000	(STBG OFF)
PAMLICO	OVER DAWSON CREEK.	CONSTRUCTION	FY 2020 -	\$6,000,000	(STBG OFF)
PROJ.CATEGORY	<u>PROJECT ADDED AT REQUEST OF STRUCTURES</u>				
DIVISION	<u>MANAGEMENT UNIT.</u>				
				\$6,600,000	

DIVISION 3

* B-4439	SR 1342 (MAKATOKA ROAD NORTHWEST), REPLACE	RIGHT-OF-WAY	FY 2019 -	\$125,000	(STBG OFF)
BRUNSWICK	BRIDGE 090100 OVER MUDDY BRANCH.	CONSTRUCTION	FY 2020 -	\$1,250,000	(STBG OFF)
PROJ.CATEGORY	<u>PROJECT ADDED AT REQUEST OF STRUCTURES</u>				
DIVISION	<u>MANAGEMENT UNIT.</u>				
				\$1,375,000	

* B-5631	SR 1620 (TIMOTHY ROAD), REPLACE BRIDGE 810169	RIGHT-OF-WAY	FY 2019 -	\$88,000	(STBG OFF)
SAMPSON	OVER BIG JUNIPER RUN.	CONSTRUCTION	FY 2019 -	\$875,000	(STBG OFF)
PROJ.CATEGORY	<u>PROJECT ADDED AT REQUEST OF STRUCTURES</u>				
DIVISION	<u>MANAGEMENT UNIT.</u>				
				\$963,000	

* INDICATES FEDERAL AMENDMENT

Thursday, August 02, 2018

HIGHWAY PROGRAM STIP ADDITIONS

DIVISION 3

* B-5641	SR 1946 (NORTHEAST ROAD), REPLACE BRIDGE	RIGHT-OF-WAY	FY 2019 -	\$115,000	(STBG OFF)
DUPLIN	300201 OVER ISLAND CREEK.	CONSTRUCTION	FY 2019 -	\$1,150,000	(STBG OFF)
PROJ.CATEGORY	<u>PROJECT ADDED AT REQUEST OF STRUCTURES</u>			\$1,265,000	
DIVISION	<u>MANAGEMENT UNIT.</u>				

* B-5651	SR 1706 (KORNEGAY TOWN ROAD), REPLACE BRIDGE	RIGHT-OF-WAY	FY 2019 -	\$100,000	(STBG OFF)
SAMPSON	810214 OVER KILL SWAMP.	CONSTRUCTION	FY 2019 -	\$1,000,000	(STBG OFF)
PROJ.CATEGORY	<u>PROJECT ADDED AT REQUEST OF STRUCTURES</u>			\$1,100,000	
DIVISION	<u>MANAGEMENT UNIT.</u>				

* B-5996	SR 1300 (ASH-LITTLE RIVER ROAD NORTHWEST),	RIGHT-OF-WAY	FY 2020 -	\$100,000	(STBG OFF)
BRUNSWICK	REPLACE BRIDGE 090126 OVER CAWCAW SWAMP.	CONSTRUCTION	FY 2021 -	\$1,000,000	(STBG OFF)
PROJ.CATEGORY	<u>PROJECT ADDED AT REQUEST OF STRUCTURES</u>			\$1,100,000	
DIVISION	<u>MANAGEMENT UNIT.</u>				

* U-6107	US 17, MCDANIEL DRIVE /WORKSHOP LANE. UPGRADE				
ON SLOW	INTERSECTION.				
PROJ.CATEGORY	<u>PROGRAMMED FOR PLANNING AND ENVIRONMENTAL</u>				
STATEWIDE	<u>STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI</u>				
	<u>PROJECT.</u>				

DIVISION 4

* B-4844	SR 1958 (BENNETTS BRIDGE ROAD), REPLACE BRIDGE	RIGHT-OF-WAY	FY 2019 -	\$120,000	(STBG OFF)
WAYNE	950117 OVER NE CAPE FEAR RIVER.	CONSTRUCTION	FY 2020 -	\$1,200,000	(STBG OFF)
PROJ.CATEGORY	<u>PROJECT ADDED AT REQUEST OF STRUCTURES</u>			\$1,320,000	
DIVISION	<u>MANAGEMENT UNIT.</u>				

* B-5997	SR 1399 (ZACK'S MILL ROAD), REPLACE BRIDGE 500277	RIGHT-OF-WAY	FY 2019 -	\$53,000	(STBG OFF)
JOHNSTON	OVER POLECAT BRANCH.	CONSTRUCTION	FY 2019 -	\$525,000	(STBG OFF)
PROJ.CATEGORY	<u>PROJECT ADDED AT REQUEST OF STRUCTURES</u>			\$578,000	
DIVISION	<u>MANAGEMENT UNIT.</u>				

* INDICATES FEDERAL AMENDMENT

Thursday, August 02, 2018

HIGHWAY PROGRAM STIP ADDITIONS

DIVISION 4

* B-5998	SR 1339 (SHARPE SHORE ROAD), REPLACE BRIDGE	RIGHT-OF-WAY	FY 2019 -	\$53,000	(STBG OFF)
WILSON	970092 OVER TOWN SWAMP.	CONSTRUCTION	FY 2019 -	\$525,000	(STBG OFF)
PROJ.CATEGORY	<u>PROJECT ADDED AT REQUEST OF STRUCTURES</u>			\$578,000	
DIVISION	<u>MANAGEMENT UNIT.</u>				

* B-5999	SR 1195 (REVELL ROAD), REPLACE BRIDGE 970037	RIGHT-OF-WAY	FY 2019 -	\$53,000	(STBG OFF)
WILSON	OVER BRANCH OF LITTLE BUFFALO CREEK.	CONSTRUCTION	FY 2019 -	\$525,000	(STBG OFF)
PROJ.CATEGORY	<u>PROJECT ADDED AT REQUEST OF STRUCTURES</u>			\$578,000	
DIVISION	<u>MANAGEMENT UNIT.</u>				

* B-6000	SR 1400 (ROCK QUARRY ROAD), REPLACE BRIDGE	RIGHT-OF-WAY	FY 2019 -	\$55,000	(STBG OFF)
WILSON	970096 OVER TRIBUTARY OF TOWN CREEK.	CONSTRUCTION	FY 2019 -	\$550,000	(STBG OFF)
PROJ.CATEGORY	<u>PROJECT ADDED AT REQUEST OF STRUCTURES</u>			\$605,000	
DIVISION	<u>MANAGEMENT UNIT.</u>				

* B-6001	SR 1153 (MILL CREEK ROAD), REPLACE BRIDGE 500068	RIGHT-OF-WAY	FY 2019 -	\$80,000	(STBG OFF)
JOHNSTON	OVER JUNIPER SWAMP.	CONSTRUCTION	FY 2020 -	\$800,000	(STBG OFF)
PROJ.CATEGORY	<u>PROJECT ADDED AT REQUEST OF STRUCTURES</u>			\$880,000	
DIVISION	<u>MANAGEMENT UNIT.</u>				

* B-6002	SR 1126 (FAITH BAPTIST CHURCH ROAD), REPLACE	RIGHT-OF-WAY	FY 2019 -	\$120,000	(STBG OFF)
EDGEcombe	BRIDGE 320064 OVER TOWN CREEK.	CONSTRUCTION	FY 2020 -	\$1,200,000	(STBG OFF)
PROJ.CATEGORY	<u>PROJECT ADDED AT REQUEST OF STRUCTURES</u>			\$1,320,000	
DIVISION	<u>MANAGEMENT UNIT.</u>				

DIVISION 5

* B-6003	SR 1609 BAPTIST CHURCH RD, REPLACE BRIDGE	RIGHT-OF-WAY	FY 2020 -	\$405,000	(STBG OFF)
FRANKLIN	340078 OVER TAR RIVER	CONSTRUCTION	FY 2021 -	\$4,050,000	(STBG OFF)
PROJ.CATEGORY	<u>PROJECT ADDED AT REQUEST OF STRUCTURES</u>			\$4,455,000	
DIVISION	<u>MANAGEMENT UNIT.</u>				

* INDICATES FEDERAL AMENDMENT

Thursday, August 02, 2018

HIGHWAY PROGRAM STIP ADDITIONS

DIVISION 6

* B-6004 BLADEN PROJ.CATEGORY DIVISION	SR 1534 (OVER LYON ROAD), REPLACE BRIDGE 080197 OVER KELLY CANAL. <u>PROJECT ADDED AT REQUEST OF STRUCTURES MANAGEMENT UNIT.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - \$100,000 (STBG OFF) FY 2019 - <u>\$1,000,000</u> (STBG OFF) \$1,100,000
* B-6005 HARNETT PROJ.CATEGORY DIVISION	SR 1210 (HOOVER ROAD), REPLACE BRIDGE 420234 OVER BARBEQUE SWAMP. <u>PROJECT ADDED AT REQUEST OF STRUCTURES MANAGEMENT UNIT.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - \$115,000 (STBG OFF) FY 2019 - <u>\$1,150,000</u> (STBG OFF) \$1,265,000
* B-6006 COLUMBUS PROJ.CATEGORY DIVISION	SR 1159 (OLD TRAM ROAD), REPLACE BRIDGE 230313 OVER BOOGY BRANCH. <u>PROJECT ADDED AT REQUEST OF STRUCTURES MANAGEMENT UNIT.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - \$113,000 (STBG OFF) FY 2019 - <u>\$1,125,000</u> (STBG OFF) \$1,238,000
* B-6007 ROBESON PROJ.CATEGORY DIVISION	SR 2269 (BLOOMINGDALE ROAD), REPLACE BRIDGE 770108 OVER INDIAN SWAMP. <u>PROJECT ADDED AT REQUEST OF STRUCTURES MANAGEMENT UNIT.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - \$125,000 (STBG OFF) FY 2019 - <u>\$1,250,000</u> (STBG OFF) \$1,375,000
* B-6008 BLADEN PROJ.CATEGORY DIVISION	SR 1536 (JAMES PORTER ROAD), REPLACE BRIDGE 080198 OVER KELLY CREEK. <u>PROJECT ADDED AT REQUEST OF STRUCTURES MANAGEMENT UNIT.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - \$90,000 (STBG OFF) FY 2019 - <u>\$900,000</u> (STBG OFF) \$990,000
* B-6009 CUMBERLAND PROJ.CATEGORY DIVISION	SR 2030 (HOLLOW BRIDGE ROAD), REPLACE BRIDGE 250044 OVER SANDY CREEK AND BRIDGE 250043 OVER SANDY CREEK OVERFLOW. <u>PROJECT ADDED AT REQUEST OF STRUCTURES MANAGEMENT UNIT.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - \$130,000 (STBG OFF) FY 2019 - <u>\$1,300,000</u> (STBG OFF) \$1,430,000

* INDICATES FEDERAL AMENDMENT

Thursday, August 02, 2018

HIGHWAY PROGRAM STIP ADDITIONS

DIVISION 7

* B-5716	SR 1138 (LINDSEY BRIDGE ROAD), REPLACE BRIDGE	RIGHT-OF-WAY	FY 2020 -	\$610,000	(STBGOFF)
ROCKINGHAM	780140 OVER DAN RIVER	CONSTRUCTION	FY 2021 -	\$6,100,000	(STBGOFF)
PROJ.CATEGORY	<u>PROJECT ADDED AT REQUEST OF STRUCTURES</u>			\$6,710,000	
DIVISION	<u>MANAGEMENT UNIT.</u>				

* B-5722	SR 1169 (ISLAND DRIVE), REPLACE BRIDGE 780277	RIGHT-OF-WAY	FY 2019 -	\$200,000	(STBGOFF)
ROCKINGHAM	OVER BEAVER CREEK	CONSTRUCTION	FY 2020 -	\$2,000,000	(STBGOFF)
PROJ.CATEGORY	<u>PROJECT ADDED AT REQUEST OF STRUCTURES</u>			\$2,200,000	
DIVISION	<u>MANAGEMENT UNIT.</u>				

DIVISION 10

* AV-5879	CHARLOTTE DOUGLAS INTERNATIONAL AIRPORT,	CONSTRUCTION	FY 2020 -	\$500,000	(T)
MECKLENBURG	CONSTRUCT FOURTH PARALLEL RUNWAY.		FY 2020 -	\$383,500,000	(O)
PROJ.CATEGORY	<u>EXPEDITE DELIVERY OF NEW STI PROJECT AT</u>			\$384,000,000	
STATEWIDE	<u>REQUEST OF DIVISION OF AVIATION</u>				

* AV-5880	CHARLOTTE DOUGLAS INTERNATIONAL AIRPORT,	CONSTRUCTION	FY 2019 -	\$500,000	(T)
MECKLENBURG	EXPAND WEST RAMP NEAR CONCOURSE A - PHASE I.		FY 2019 -	\$46,000,000	(O)
PROJ.CATEGORY	<u>EXPEDITE DELIVERY OF NEW STI PROJECT AT</u>			\$46,500,000	
STATEWIDE	<u>REQUEST OF DIVISION OF AVIATION</u>				

* AV-5881	CHARLOTTE DOUGLAS INTERNATIONAL AIRPORT,	CONSTRUCTION	FY 2020 -	\$500,000	(T)
MECKLENBURG	EXPAND WEST RAMP NEAR CONCOURSE A - PHASE II.		FY 2020 -	\$24,500,000	(O)
PROJ.CATEGORY	<u>EXPEDITE DELIVERY OF NEW STI PROJECT AT</u>			\$25,000,000	
STATEWIDE	<u>REQUEST OF DIVISION OF AVIATION</u>				

* B-5375	SR 1132 (MARYS GROVE ROAD), REPLACE BRIDGE	RIGHT-OF-WAY	FY 2019 -	\$60,000	(STBGOFF)
CABARRUS	120137 OVER DUTCH BUFFALO CREEK.	CONSTRUCTION	FY 2020 -	\$600,000	(STBGOFF)
PROJ.CATEGORY	<u>PROJECT ADDED AT REQUEST OF STRUCTURES</u>			\$660,000	
DIVISION	<u>MANAGEMENT UNIT</u>				

* INDICATES FEDERAL AMENDMENT

HIGHWAY PROGRAM STIP ADDITIONS

DIVISION 10

* B-5806	SR 2111 (BELK MILL ROAD), REPLACE BRIDGE 890129	RIGHT-OF-WAY	FY 2019 -	\$122,500	(STBG OFF)
UNION	OVER LANES CREEK.	CONSTRUCTION	FY 2020 -	\$1,225,000	(STBG OFF)
PROJ.CATEGORY	<u>PROJECT ADDED AT REQUEST OF STRUCTURES</u>			\$1,347,500	
DIVISION	<u>MANAGEMENT UNIT</u>				

* B-5809	SR 1142 (CITY POND ROAD), REPLACE BRIDGE 030075	RIGHT-OF-WAY	FY 2019 -	\$105,000	(STBG OFF)
ANSON	OVER NORTH FORK JONES CREEK.	CONSTRUCTION	FY 2019 -	\$1,050,000	(STBG OFF)
PROJ.CATEGORY	<u>PROJECT ADDED AT REQUEST OF STRUCTURES</u>			\$1,155,000	
DIVISION	<u>MANAGEMENT UNIT</u>				

* B-5811	SR 1434 (ROGERS ROAD), REPLACE BRIDGE 830042	RIGHT-OF-WAY	FY 2019 -	\$60,000	(STBG OFF)
STANLY	OVER BIG BEAR CREEK.	CONSTRUCTION	FY 2019 -	\$600,000	(STBG OFF)
PROJ.CATEGORY	<u>PROJECT ADDED AT REQUEST OF STRUCTURES</u>			\$660,000	
DIVISION	<u>MANAGEMENT UNIT</u>				

* I-6052	I-277 (BROOKSHIRE FRWY), WEST OF I-77 TO EAST OF	CONSTRUCTION	FY 2020 -	\$8,000,000	(NHPIM)
MECKLENBURG	I-77. BRIDGE REHABILITATION.			\$8,000,000	
PROJ.CATEGORY	<u>ADD CONSTRUCTION IN FY 20 NOT PREVIOUSLY</u>				
STATEWIDE	<u>PROGRAMMED.</u>				

DIVISION 12

* B-5843	SR 2402 (HOOVER ROAD), REPLACE BRIDGE 480020	RIGHT-OF-WAY	FY 2020 -	\$67,500	(STBG OFF)
IREDELL	OVER I-L CREEK.	CONSTRUCTION	FY 2021 -	\$675,000	(STBG OFF)
PROJ.CATEGORY	<u>PROJECT ADDED AT REQUEST OF STRUCTURES</u>			\$742,500	
DIVISION	<u>MANAGEMENT UNIT</u>				

* B-5961	SR 1421 (MARYS GROVE ROAD), REPLACE BRIDGE	RIGHT-OF-WAY	FY 2020 -	\$67,500	(STBG OFF)
GASTON	350097 OVER UT OF MUDDY FORK CREEK.	CONSTRUCTION	FY 2021 -	\$675,000	(STBG OFF)
PROJ.CATEGORY	<u>PROJECT ADDED AT REQUEST OF STRUCTURES</u>			\$742,500	
DIVISION	<u>MANAGEMENT UNIT</u>				

* INDICATES FEDERAL AMENDMENT

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HIGHWAY PROGRAM STIP ADDITIONS

DIVISION 13

* AV-5882 BUNCOMBE PROJ.CATEGORY STATEWIDE	ASHEVILLE REGIONAL AIRPORT, EXPAND TERMINAL APRON TO THE SOUTH. <u>EXPEDITE DELIVERY OF NEW STI PROJECT AT REQUEST OF DIVISION OF AVIATION</u>	CONSTRUCTION	FY 2020 - \$500,000 (T) FY 2020 - <u>\$6,500,000</u> (O) \$7,000,000
* AV-5883 BUNCOMBE PROJ.CATEGORY STATEWIDE	ASHEVILLE REGIONAL AIRPORT, EXPAND TERMINAL APRON TO THE NORTH. <u>EXPEDITE DELIVERY OF NEW STI PROJECT AT REQUEST OF DIVISION OF AVIATION</u>	CONSTRUCTION	FY 2019 - \$500,000 (T) FY 2019 - <u>\$1,680,000</u> (O) \$2,180,000
* B-6010 MADISON PROJ.CATEGORY DIVISION	SR 1183 (UPPER SHUT-IN ROAD), REPLACE BRIDGE 560302 OVER SHUT IN CREEK. <u>PROJECT ADDED AT REQUEST OF STRUCTURES MANAGEMENT UNIT</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - \$50,000 (STBG OFF) FY 2019 - <u>\$500,000</u> (STBG OFF) \$550,000
* B-6011 BURKE PROJ.CATEGORY DIVISION	SR 1430 (HARLAND ROAD), REPLACE BRIDGE 110145 OVER BRISTOL CREEK. <u>PROJECT ADDED AT REQUEST OF STRUCTURES MANAGEMENT UNIT</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - \$65,000 (STBG OFF) FY 2019 - <u>\$650,000</u> (STBG OFF) \$715,000
* B-6012 MADISON PROJ.CATEGORY DIVISION	SR 1341 (FOSTER CREEK ROAD), REPLACE BRIDGE 560073 OVER FOSTER CREEK. <u>PROJECT ADDED AT REQUEST OF STRUCTURES MANAGEMENT UNIT</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - \$70,000 (STBG OFF) FY 2019 - <u>\$700,000</u> (STBG OFF) \$770,000
* B-6013 MITCHELL PROJ.CATEGORY DIVISION	SR 1106 (LYNN GAP ROAD), REPLACE BRIDGE 600207 OVER GRASSY CREEK. <u>PROJECT ADDED AT REQUEST OF STRUCTURES MANAGEMENT UNIT</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - \$40,000 (STBG OFF) FY 2019 - <u>\$400,000</u> (STBG OFF) \$440,000

* INDICATES FEDERAL AMENDMENT

HIGHWAY PROGRAM STIP ADDITIONS

DIVISION 13

* B-6014	SR 1781 (POLLY SPOUT ROAD), REPLACE BRIDGE	RIGHT-OF-WAY	FY 2019 -	\$100,000	(STBG OFF)
McDOWELL	580312 OVER SECOND BROAD RIVER.	CONSTRUCTION	FY 2019 -	\$1,000,000	(STBG OFF)
PROJ.CATEGORY	<u>PROJECT ADDED AT REQUEST OF STRUCTURES</u>			\$1,100,000	
DIVISION	<u>MANAGEMENT UNIT</u>				

* B-6015	SR 1913 (SUGAR LOAF ROAD), REPLACE BRIDGE	RIGHT-OF-WAY	FY 2019 -	\$100,000	(STBG OFF)
BURKE	110237 OVER ROCK CREEK.	CONSTRUCTION	FY 2019 -	\$1,000,000	(STBG OFF)
PROJ.CATEGORY	<u>PROJECT ADDED AT REQUEST OF STRUCTURES</u>			\$1,100,000	
DIVISION	<u>MANAGEMENT UNIT</u>				

* B-6016	SR 2027 (MARTINS CREEK ROAD), REPLACE BRIDGE	RIGHT-OF-WAY	FY 2019 -	\$50,000	(STBG OFF)
BUNCOMBE	100142 OVER MARTIN CREEK.	CONSTRUCTION	FY 2020 -	\$500,000	(STBG OFF)
PROJ.CATEGORY	<u>PROJECT ADDED AT REQUEST OF STRUCTURES</u>			\$550,000	
DIVISION	<u>MANAGEMENT UNIT</u>				

* B-6017	SR 1151 (BALTIMORE BRANCH ROAD), REPLACE	RIGHT-OF-WAY	FY 2020 -	\$45,000	(STBG OFF)
MADISON	BRIDGE 560222 OVER BACK BRANCH.	CONSTRUCTION	FY 2021 -	\$450,000	(STBG OFF)
PROJ.CATEGORY	<u>PROJECT ADDED AT REQUEST OF STRUCTURES</u>			\$495,000	
DIVISION	<u>MANAGEMENT UNIT</u>				

* B-6018	SR 1296 (BROOKS BRANCH ROAD), REPLACE BRIDGE	RIGHT-OF-WAY	FY 2020 -	\$55,000	(STBG OFF)
BUNCOMBE	100536 OVER NEWFOUND CREEK.	CONSTRUCTION	FY 2021 -	\$550,000	(STBG OFF)
PROJ.CATEGORY	<u>PROJECT ADDED AT REQUEST OF STRUCTURES</u>			\$605,000	
DIVISION	<u>MANAGEMENT UNIT</u>				

* B-6019	SR 1127 (ROBERTS BRANCH ROAD), REPLACE BRIDGE	RIGHT-OF-WAY	FY 2019 -	\$50,000	(STBG OFF)
MADISON	560311 OVER ROBERTS BRANCH.	CONSTRUCTION	FY 2020 -	\$500,000	(STBG OFF)
PROJ.CATEGORY	<u>PROJECT ADDED AT REQUEST OF STRUCTURES</u>			\$550,000	
DIVISION	<u>MANAGEMENT UNIT</u>				

* INDICATES FEDERAL AMENDMENT

HIGHWAY PROGRAM STIP ADDITIONS

DIVISION 13

* EB-5944 BUNCOMBE PROJ.CATEGORY DIVISION	ASHEVILLE, JOHNSTON BOULEVARD, PATTON AVENUE TO IONA CIRCLE. CONSTRUCT SIDEWALKS. <u>ADD CONSTRUCTION IN FY 19 NOT PREVIOUSLY PROGRAMMED AT THE REQUEST OF THE MPO.</u>	CONSTRUCTION 	FY 2019 - \$1,880,000 (STBGDA) FY 2019 - \$470,000 (L) \$2,350,000
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* EB-5947 BUNCOMBE PROJ.CATEGORY DIVISION	ASHEVILLE, NEW HAW CREEK ROAD, BEVERLY ROAD TO BELL ROAD. CONSTRUCT SIDEWALKS. <u>ADD CONSTRUCTION IN FY 20 NOT PREVIOUSLY PROGRAMMED AT THE REQUEST OF THE MPO.</u>	CONSTRUCTION 	FY 2020 - \$1,900,000 (STBGDA) FY 2020 - \$475,000 (L) \$2,375,000
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* EB-5948 BUNCOMBE PROJ.CATEGORY DIVISION	ASHEVILLE, ONTEORA BOULEVARD, LINCOLN AVENUE TO RALEIGH ROAD. CONSTRUCT SIDEWALKS. <u>ADD CONSTRUCTION IN FY 19 NOT PREVIOUSLY PROGRAMMED AT THE REQUEST OF THE MPO.</u>	CONSTRUCTION 	FY 2019 - \$912,000 (TAPDA) FY 2019 - \$228,000 (L) \$1,140,000
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DIVISION 14

* B-6020 POLK PROJ.CATEGORY DIVISION	SR 1138 (LAKE ADGER ROAD), REPLACE BRIDGE 740144 OVER PANTHER CREEK. <u>PROJECT ADDED AT REQUEST OF STRUCTURES MANAGEMENT UNIT</u>	RIGHT-OF-WAY CONSTRUCTION 	FY 2019 - \$60,000 (STBG OFF) FY 2019 - \$600,000 (STBG OFF) \$660,000
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* B-6021 HENDERSON PROJ.CATEGORY DIVISION	SR 1840 (MINE MOUNTAIN ROAD), REPLACE BRIDGE 440180 OVER NORTH PACOLET RIVER. <u>PROJECT ADDED AT REQUEST OF STRUCTURES MANAGEMENT UNIT</u>	RIGHT-OF-WAY CONSTRUCTION 	FY 2019 - \$60,000 (STBG OFF) FY 2019 - \$600,000 (STBG OFF) \$660,000
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* B-6022 HENDERSON PROJ.CATEGORY DIVISION	SR 1605 (TOMS FALLS ROAD), REPLACE BRIDGE 440215 OVER TOMS FORK CREEK. <u>PROJECT ADDED AT REQUEST OF STRUCTURES MANAGEMENT UNIT</u>	RIGHT-OF-WAY CONSTRUCTION 	FY 2019 - \$50,000 (STBG OFF) FY 2019 - \$500,000 (STBG OFF) \$550,000
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* INDICATES FEDERAL AMENDMENT

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HIGHWAY PROGRAM STIP ADDITIONS

DIVISION 14

* B-6023 HENDERSON PROJ.CATEGORY DIVISION	SR 1126 (BEREA CHURCH ROAD), REPLACE BRIDGE 440192 OVER MUD CREEK. <u>PROJECT ADDED AT REQUEST OF STRUCTURES</u> <u>MANAGEMENT UNIT</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - \$65,000 (STBG OFF) FY 2019 - \$650,000 (STBG OFF) \$715,000
* B-6024 TRANSYLVANIA PROJ.CATEGORY DIVISION	SR 1361 (OLD NC 280 HWY), REPLACE BRIDGE 870162 OVER SILVER CREEK. <u>PROJECT ADDED AT REQUEST OF STRUCTURES</u> <u>MANAGEMENT UNIT</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - \$40,000 (STBG OFF) FY 2019 - \$400,000 (STBG OFF) \$440,000
* B-6025 MACON PROJ.CATEGORY DIVISION	SR 1114 (SHOPE ROAD), REPLACE BRIDGE 550244 OVER N. FORK COWEETA CREEK. <u>PROJECT ADDED AT REQUEST OF STRUCTURES</u> <u>MANAGEMENT UNIT</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - \$55,000 (STBG OFF) FY 2020 - \$550,000 (STBG OFF) \$605,000
* B-6026 MACON PROJ.CATEGORY DIVISION	SR 1500 (WATAUGA ROAD), REPLACE BRIDGE 550214 OVER WATAUGA CREEK. <u>PROJECT ADDED AT REQUEST OF STRUCTURES</u> <u>MANAGEMENT UNIT</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - \$50,000 (STBG OFF) FY 2020 - \$500,000 (STBG OFF) \$550,000
* B-6027 MACON PROJ.CATEGORY DIVISION	SR 1472 (SNOW HILL ROAD), REPLACE BRIDGE 550088 OVER COWEE CREEK. <u>PROJECT ADDED AT REQUEST OF STRUCTURES</u> <u>MANAGEMENT UNIT</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - \$90,000 (STBG OFF) FY 2020 - \$900,000 (STBG OFF) \$990,000
* B-6028 MACON PROJ.CATEGORY DIVISION	SR 1528 (LITTLE ELLIJAY ROAD), REPLACE BRIDGE 550150 OVER ELLIJAY CREEK. <u>PROJECT ADDED AT REQUEST OF STRUCTURES</u> <u>MANAGEMENT UNIT</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - \$50,000 (STBG OFF) FY 2020 - \$500,000 (STBG OFF) \$550,000

* INDICATES FEDERAL AMENDMENT

HIGHWAY PROGRAM STIP ADDITIONS

DIVISION 14

* B-6029 MACON PROJ.CATEGORY DIVISION	SR 1001 (ELLIJAY ROAD), REPLACE BRIDGE 550009 OVER NORTH PRONG ELLIJAY CREE. <u>PROJECT ADDED AT REQUEST OF STRUCTURES</u> <u>MANAGEMENT UNIT</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - \$70,000 (STBG OFF) FY 2020 - \$700,000 (STBG OFF) \$770,000
* B-6030 MACON PROJ.CATEGORY DIVISION	SR 1351 (MATLOCK CREEK ROAD), REPLACE BRIDGE 550220 OVER MATLOCK CREEK. <u>PROJECT ADDED AT REQUEST OF STRUCTURES</u> <u>MANAGEMENT UNIT</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - \$62,500 (STBG OFF) FY 2020 - \$625,000 (STBG OFF) \$687,500
* B-6031 JACKSON PROJ.CATEGORY DIVISION	SR 1300 (PUMPKINTOWN ROAD), REPLACE BRIDGE 490069 OVER SAVANNAH CREEK. <u>PROJECT ADDED AT REQUEST OF STRUCTURES</u> <u>MANAGEMENT UNIT</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - \$80,000 (STBG OFF) FY 2020 - \$800,000 (STBG OFF) \$880,000
* B-6032 JACKSON PROJ.CATEGORY DIVISION	SR 1397 (THOMAS VALLEY ROAD), REPLACE BRIDGE 490144 OVER NATIONS CREEK. <u>PROJECT ADDED AT REQUEST OF STRUCTURES</u> <u>MANAGEMENT UNIT</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - \$50,000 (STBG OFF) FY 2020 - \$500,000 (STBG OFF) \$550,000
* B-6033 JACKSON PROJ.CATEGORY DIVISION	SR 1445 (LEE BUMGARNER ROAD), REPLACE BRIDGE 490129 OVER SCOTT CREEK. <u>PROJECT ADDED AT REQUEST OF STRUCTURES</u> <u>MANAGEMENT UNIT</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - \$120,000 (STBG OFF) FY 2020 - \$1,200,000 (STBG OFF) \$1,320,000
* B-6034 JACKSON PROJ.CATEGORY DIVISION	SR 1300 (PUMPKINTOWN ROAD), REPLACE BRIDGE 490065 OVER SAVANNAH CREEK. <u>PROJECT ADDED AT REQUEST OF STRUCTURES</u> <u>MANAGEMENT UNIT</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - \$80,000 (STBG OFF) FY 2020 - \$800,000 (STBG OFF) \$880,000

* INDICATES FEDERAL AMENDMENT

HIGHWAY PROGRAM STIP ADDITIONS

DIVISION 14

* B-6035	SR 1738 (HOOPER CEMETERY ROAD), REPLACE	RIGHT-OF-WAY	FY 2019 -	\$70,000	(STBG OFF)
JACKSON	BRIDGE 490203 OVER CANEY FORK.	CONSTRUCTION	FY 2020 -	\$700,000	(STBG OFF)
PROJ.CATEGORY	<u>PROJECT ADDED AT REQUEST OF STRUCTURES</u>			\$770,000	
DIVISION	<u>MANAGEMENT UNIT</u>				

* B-6036	SR 1737 (CANEEY FORK ROAD), REPLACE BRIDGE	RIGHT-OF-WAY	FY 2019 -	\$70,000	(STBG OFF)
JACKSON	490081 OVER JOHNS CREEK.	CONSTRUCTION	FY 2020 -	\$700,000	(STBG OFF)
PROJ.CATEGORY	<u>PROJECT ADDED AT REQUEST OF STRUCTURES</u>			\$770,000	
DIVISION	<u>MANAGEMENT UNIT</u>				

* EB-5945	TOWN OF CANTON, CHAMPION DRIVE, NORTH	ENGINEERING	FY 2019 -	\$190,000	(STBGDA)
HAYWOOD	CANTON ROAD TO THICKETY ROAD. CONSTRUCT		FY 2019 -	\$48,000	(L)
PROJ.CATEGORY	SIDEWALKS.	RIGHT-OF-WAY	FY 2020 -	\$160,000	(STBGDA)
DIVISION	<u>ADD PRELIMINARY ENGINEERING IN FY 19 AND RIGHT-OF-WAY IN FY 20 NOT PREVIOUSLY PROGRAMMED AT THE REQUEST OF THE MPO.</u>		FY 2020 -	\$40,000	(L)
				\$438,000	

* EB-5946	TOWN OF MILLS RIVER, NC 280, FRENCH BROAD	ENGINEERING	FY 2019 -	\$240,000	(STBGDA)
HENDERSON	RIVER TO HAYWOOD ROAD (NC 191). CONSTRUCT		FY 2019 -	\$60,000	(L)
PROJ.CATEGORY	MULTI-USE PATH.			\$300,000	
DIVISION	<u>ADD PRELIMINARY ENGINEERING IN FY 19 NOT PREVIOUSLY PROGRAMMED AT THE REQUEST OF THE MPO.</u>				

STIP MODIFICATIONS

DIVISION 2

* B-4433	SR 1932 (MARYS CHAPEL CHURCH ROAD), REPLACE	RIGHT-OF-WAY	FY 2019 -	\$90,000	(STBG OFF)
BEAUFORT	BRIDGE 060040 OVER DURHAM CREEK.	CONSTRUCTION	FY 2019 -	\$900,000	(STBG OFF)
PROJ.CATEGORY	<u>ACCELERATE CONSTRUCTION FROM FY 20 TO FY 19.</u>			\$990,000	
DIVISION					

* INDICATES FEDERAL AMENDMENT

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HIGHWAY PROGRAM STIP MODIFICATIONS

DIVISION 3

AV-5730	WILMINGTON INTERNATIONAL (ILM), EXTEND RUNWAY	CONSTRUCTION	FY 2022 -	\$500,000	(T)
NEW HANOVER	6-24		FY 2022 -	\$4,500,000	(O)
PROJ.CATEGORY	PHASE 1			\$5,000,000	
STATEWIDE	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY CONSTRUCTION FROM FY 18 TO FY 22.</u>				
AV-5744	HENDERSON FIELD (ACZ), EXTEND RUNWAY TO 5500	CONSTRUCTION	FY 2020 -	\$6,916,000	(T)
PENDER	FEET.			\$6,916,000	
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY CONSTRUCTION FROM FY 18 TO FY 20.</u>				
DIVISION					
* EB-5928	HOLDEN BEACH, EXISTING SIDEWALK AT OCEAN	CONSTRUCTION	FY 2019 -	\$27,000	(TAPDA)
BRUNSWICK	BOULEVARD AND HOLDEN BEACH ROAD TO CONNECT		FY 2019 -	\$7,000	(L)
PROJ.CATEGORY	WITH COMMUNITY SPACE. CONSTRUCT SIDEWALK.			\$34,000	
DIVISION	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY CONSTRUCTION FROM FY 18 TO FY 19.</u>				
R-5701	NC 53, US 117 BUSINESS (WALKER	RIGHT-OF-WAY	FY 2019 -	\$150,000	(L)
PENDER	STREET/WILMINGTON STREET). CONSTRUCT	CONSTRUCTION	FY 2020 -	\$1,500,000	(T)
PROJ.CATEGORY	ROUNDBOUT.			\$1,650,000	
REGIONAL	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY RIGHT-OF-WAY FROM FY 18 TO FY 19.</u>				
U-5710A	NEW LOCATION, FROM SR 1409 (MILITARY CUTOFF	RIGHT-OF-WAY	FY 2019 -	\$1,970,000	(T)
NEW HANOVER	ROAD) AT DRYSDALE DRIVE TO US 74 (EASTWOOD	UTILITIES	FY 2019 -	\$75,000	(T)
PROJ.CATEGORY	ROAD). ROADWAY ON NEW LOCATION.	CONSTRUCTION	FY 2020 -	\$2,900,000	(T)
STATEWIDE	<u>ACCELERATE CONSTRUCTION FROM FY 21 TO FY 20.</u>				
				\$4,945,000	
* W-5602	NC 172, CAMP LEJEUNE GATE TO NC 210. CONVERT	RIGHT-OF-WAY	FY 2019 -	\$227,000	(STBG)
ONslow	TWO LANE ROADWAY TO THREE LANE ROADWAY	UTILITIES	FY 2019 -	\$2,100,000	(STBG)
PROJ.CATEGORY	WITH A TWO WAY LEFT TURN LANE.	CONSTRUCTION	FY 2019 -	\$3,200,000	(HSIP)
REGIONAL	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>				
			FY 2019 -	\$7,100,000	(STBG)
				\$12,627,000	

* INDICATES FEDERAL AMENDMENT

HIGHWAY PROGRAM STIP MODIFICATIONS

DIVISION 4

AV-5740	WAYNE EXECUTIVE JETPORT (GWW), LAND	RIGHT-OF-WAY	FY 2019 -	\$302,000	(T)
WAYNE	ACQUISITION.		FY 2019 -	\$34,000	(O)
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>			\$336,000	
DIVISION	<u>DESIGN, DELAY RIGHT-OF-WAY FROM FY 17 TO FY 19.</u>				
B-4933	NC 33, REPLACE BRIDGE 320080 OVER TAR RIVER.	RIGHT-OF-WAY	FY 2019 -	\$860,000	(T)
EDGEcombe	REPLACE BRIDGE 320049 OVER TAR RIVER	CONSTRUCTION	FY 2020 -	\$3,150,000	(T)
PROJ.CATEGORY	OVERFLOW.		FY 2021 -	\$3,150,000	(T)
REGIONAL	<u>ACCELERATE RIGHT-OF-WAY FROM FY 21 TO FY 19</u>			\$7,160,000	
	<u>AND CONSTRUCTION FROM FY 23 TO FY 20.</u>				
* I-5818	I-795, US 264 TO I-95. PAVEMENT REHABILITATION.	CONSTRUCTION	FY 2018 -	\$5,500,000	(NHPIM)
WILSON	<u>ACCELERATE CONSTRUCTION FROM FY 19 TO FY 18.</u>			\$5,500,000	
PROJ.CATEGORY	<u>ADDITIONALLY, COST INCREASE EXCEEDING \$2</u>				
STATEWIDE	<u>MILLION AND 25% THRESHOLDS.</u>				
* U-5958	US 70, SR 1719 (BESTON ROAD). IMPROVE	RIGHT-OF-WAY	FY 2018 -	\$270,000	(NHP)
WAYNE	INTERSECTION.	UTILITIES	FY 2018 -	\$100,000	(NHP)
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>	CONSTRUCTION	FY 2019 -	\$1,170,000	(NHP)
REGIONAL	<u>DESIGN, DELAY CONSTRUCTION FROM FY 18 TO FY 19.</u>			\$1,540,000	
U-5994	SR 1556 (WAYNE MEMORIAL DRIVE), LOCKHAVEN	RIGHT-OF-WAY	FY 2019 -	\$1,794,000	(T)
WAYNE	DRIVE TO COUNTRY DAY ROAD. CONSTRUCT ACCESS	UTILITIES	FY 2019 -	\$500,000	(T)
PROJ.CATEGORY	MANAGEMENT IMPROVEMENTS.	CONSTRUCTION	FY 2019 -	\$676,000	(T)
DIVISION	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>			\$2,970,000	
	<u>DESIGN, DELAY RIGHT-OF-WAY FROM FY 18 TO FY 19.</u>				

DIVISION 5

* B-5674	US 15 / US 501 NORTHBOUND, REPLACE BRIDGE	RIGHT-OF-WAY	FY 2019 -	\$110,000	(NHPB)
DURHAM	310080 OVER SR 1308 (CORNWALLIS ROAD) IN	CONSTRUCTION	FY 2021 -	\$2,209,000	(NHPB)
PROJ.CATEGORY	DURHAM.			\$2,319,000	
REGIONAL	<u>ACCELERATE RIGHT-OF-WAY FROM FY 23 TO FY 19</u>				
	<u>AND CONSTRUCTION FROM FY 24 TO FY 21 AT</u>				
	<u>REQUEST OF STRUCTURES MANAGEMENT UNIT FOR</u>				
	<u>STRATEGIC LETTING PURPOSES.</u>				

* INDICATES FEDERAL AMENDMENT

Thursday, August 02, 2018

HIGHWAY PROGRAM STIP MODIFICATIONS

DIVISION 5

* B-5684	US 401 (CAPITAL BOULEVARD), REPLACE BRIDGE	RIGHT-OF-WAY	FY 2020 -	\$430,000	(NHPB)
WAKE	910146 OVER CRABTREE CREEK IN RALEIGH.	CONSTRUCTION	FY 2021 -	\$8,607,000	(NHPB)
PROJ.CATEGORY					\$9,037,000
REGIONAL	<u>ACCELERATE RIGHT-OF-WAY FROM FY 24 TO FY 20 AND CONSTRUCTION FROM FY 25 TO FY 21 - PROJECT TO BE COMBINED WITH B-5680 FOR LETTING.</u>				

DIVISION 6

U-5930	NC 24 (NORTH BRAGG BOULEVARD), SR 1451	RIGHT-OF-WAY	FY 2023 -	\$8,500,000	(T)
CUMBERLAND	(MANCHESTER ROAD). CONSTRUCT INTERCHANGE.		FY 2024 -	\$8,500,000	(T)
PROJ.CATEGORY	<u>ACCELERATE CONSTRUCTION FROM FY 25 TO FY 23.</u>		UTILITIES	FY 2023 -	\$1,000,000 (T)
STATEWIDE			CONSTRUCTION	FY 2023 -	\$9,000,000 (T)
				FY 2024 -	\$9,000,000 (T)
				FY 2025 -	\$9,000,000 (T)
					\$45,000,000

DIVISION 7

* B-5718	PATTON AVENUE, REPLACE BRIDGE 400329 OVER I-40	RIGHT-OF-WAY	FY 2019 -	\$218,000	(NHPB)
GUILFORD	/ BUSINESS 85 / US 29 / US 70 / US 220 IN	CONSTRUCTION	FY 2020 -	\$4,353,000	(NHPB)
PROJ.CATEGORY	GREENSBORO.			\$4,571,000	
DIVISION	<u>ACCELERATE RIGHT-OF-WAY FROM FY 23 TO FY 19 AND CONSTRUCTION FROM FY 24 TO FY 20 PER REQUEST OF STRUCTURES MANAGEMENT UNIT.</u>				

R-5704	NC 87, SR 1998 (WENTWORTH STREET) / SR 1001	CONSTRUCTION	FY 2018 -	\$625,000	(T)
ROCKINGHAM	(SANDY CROSS ROAD). INTERSECTION REALIGNMENT.			\$625,000	
PROJ.CATEGORY	<u>REVISE PROJECT DESCRIPTION TO REFLECT PREFERRED DESIGN ALTERNATIVE, PER DIVISION OFFICE REQUEST.</u>				
REGIONAL					

DIVISION 9

* B-5772	SR 1724 (HURLEY SCHOOL ROAD), REPLACE BRIDGE	RIGHT-OF-WAY	FY 2020 -	\$77,000	(STBG OFF)
ROWAN	790066 OVER NORFOLK SOUTHERN RAILROAD.	CONSTRUCTION	FY 2021 -	\$1,548,000	(STBG OFF)
PROJ.CATEGORY					\$1,625,000
DIVISION	<u>ACCELERATE CONSTRUCTION FROM FY 22 TO FY 21 PER REQUEST OF STRUCTURES MANAGEMENT UNIT.</u>				

* INDICATES FEDERAL AMENDMENT

Thursday, August 02, 2018

HIGHWAY PROGRAM STIP MODIFICATIONS

DIVISION 9

* B-5783	US 29 / US 70 / BUSINESS 85, REPLACE BRIDGE 280164	RIGHT-OF-WAY	FY 2020 -	\$288,000	(NHPB)
DAVIDSON	AND BRIDGE 280168 OVER NORFOLK SOUTHERN	CONSTRUCTION	FY 2021 -	\$5,778,000	(NHPB)
PROJ.CATEGORY	RAILROAD.			\$6,066,000	
REGIONAL					

ACCELERATE RIGHT-OF-WAY FROM FY 24 TO FY 20
AND CONSTRUCTION FROM FY 25 TO FY 21 PER
REQUEST OF STRUCTURES MANAGEMENT UNIT.

* U-2729	SR 1672 (HANES MILL ROAD), MUSEUM DRIVE TO SR	RIGHT-OF-WAY	FY 2019 -	\$7,766,000	(T)
FORSYTH	4000 (UNIVERSITY PARKWAY) IN WINSTON-SALEM.	UTILITIES	FY 2019 -	\$429,000	(T)
PROJ.CATEGORY	WIDEN TO MULTILANES.	CONSTRUCTION	FY 2021 -	\$11,600,000	(T)
DIVISION				\$19,795,000	

COST INCREASE EXCEEDING \$2 MILLION AND 25%
THRESHOLDS.

DIVISION 10

* B-5808	US 29 US 601, REPLACE BRIDGE 120057 AND BRIDGE	RIGHT-OF-WAY	FY 2019 -	\$255,000	(NHPB)
CABARRUS	120059 OVER IRISH BUFFALO CREEK.	CONSTRUCTION	FY 2020 -	\$2,550,000	(NHPB)
PROJ.CATEGORY			FY 2021 -	\$2,550,000	(NHPB)
REGIONAL				\$5,355,000	

ACCELERATE RIGHT-OF-WAY FROM FY 24 TO FY 19
AND CONSTRUCTION FROM FY 25 TO FY 20 PER
STRUCTURES UNIT

EB-5732	BRUTON SMITH BLVD/ CONCORD MILLS BLVD/	CONSTRUCTION	FY 2019 -	\$4,800,000	(TAP)
CABARRUS	PORTION OF WEDDINGTON ROAD, US 29 TO		FY 2019 -	\$1,200,000	(L)
PROJ.CATEGORY	WEDDINGTON ROAD. CONSTRUCT SIDEWALK ON			\$6,000,000	
DIVISION	BOTH SIDES OF THE ROAD, INCLUDING A PORTION OF				

ADD RIGHT-OF-WAY IN FY 18 NOT PREVIOUSLY
PROGRAMMED.

EB-5782	CHARLOTTE, MCALPINE CREEK GREENWAY, GREEN	CONSTRUCTION	FY 2020 -	\$2,826,000	(CMAQ)
MECKLENBURG	REA ROAD TO FOUR MILE CREEK GREENWAY.		FY 2020 -	\$1,100,000	(STBGDA)
PROJ.CATEGORY	CONSTRUCT GREENWAY.		FY 2020 -	\$1,848,000	(TAP)
DIVISION			FY 2020 -	\$2,102,000	(L)
				\$7,876,000	

REPROGRAM PRELIMINARY ENGINEERING FUNDS TO
CONSTRUCTION AT THE REQUEST OF THE MPO.

* INDICATES FEDERAL AMENDMENT

Thursday, August 02, 2018

HIGHWAY PROGRAM STIP MODIFICATIONS

DIVISION 10

* I-5769 MECKLENBURG PROJ.CATEGORY STATEWIDE	I-77, I-277 TO 0.7 MILE NORTH OF NC 27. PAVEMENT REHABILITATION. <u><i>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</i></u>	CONSTRUCTION	FY 2019 -	<u>\$10,600,000</u> \$10,600,000	(NHPIM)
* I-5826 MECKLENBURG PROJ.CATEGORY STATEWIDE	I-85, CONCRETE PAVEMENT JOINT AT US 29/NC 49 CONNECTOR TO 0.8 MILES NORTH OF SR 2467 (MALLARD CREEK CHURCH ROAD). PAVEMENT PRESERVATION. <u><i>MODIFY PROJECT LIMITS TO INCLUDE WORK PREVIOUSLY INCLUDED UNDER I-5860. DELAY CONSTRUCTION FROM FY 19 TO FY 20 AT REQUEST OF DIVISION.</i></u>	CONSTRUCTION	FY 2020 -	<u>\$5,000,000</u> \$5,000,000	(NHPIM)
I-5828 MECKLENBURG PROJ.CATEGORY STATEWIDE	I-485, I-77 TO NC 49. PAVEMENT REHABILITATION. <u><i>TO ALLOW ADDITIONAL TIME FOR PLANNING, DELAY CONSTRUCTION FROM FY 19 TO FY 20.</i></u>	CONSTRUCTION	FY 2020 -	<u>\$3,000,000</u> \$3,000,000	(NHPIM)
I-5837 MECKLENBURG PROJ.CATEGORY STATEWIDE	I-85, GASTON COUNTY LINE TO 0.7 MILES NORTH OF GASTON COUNTY LINE. INCLUDES RAMPS FROM GASTON COUNTY LINE TO GLENWOOD AVENUE. PAVEMENT REHABILITATION. <u><i>TO ALLOW ADDITIONAL TIME FOR COMPLETION OF ADJACENT PROJECT, DELAY CONSTRUCTION FROM FY 19 TO FY 20</i></u>	CONSTRUCTION	FY 2020 -	<u>\$1,800,000</u> \$1,800,000	(NHPIM)
I-5902 MECKLENBURG PROJ.CATEGORY STATEWIDE	I-485, SR 1786 TO NC 27. BRIDGE REHABILITATION. <u><i>TO ALLOW ADDITIONAL TIME FOR PLANNING, DELAY CONSTRUCTION FROM FY 18 TO FY 20.</i></u>	CONSTRUCTION	FY 2020 -	<u>\$900,000</u> \$900,000	(NHPIM)
* I-5904 MECKLENBURG PROJ.CATEGORY STATEWIDE	I-485, BLAIR ROAD TO IDLEWILD ROAD. PAVEMENT REHABILITATION <u><i>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS. DELAY CONSTRUCTION FROM FY 18 TO FY 20 AT REQUEST OF DIVISION.</i></u>	CONSTRUCTION	FY 2020 -	<u>\$13,000,000</u> \$13,000,000	(NHPIM)

* INDICATES FEDERAL AMENDMENT

Thursday, August 02, 2018

HIGHWAY PROGRAM STIP MODIFICATIONS

DIVISION 10

* I-5905 MECKLENBURG PROJ.CATEGORY STATEWIDE	I-85, 0.2 MILE WEST OF NC 16 (BROOKSHIRE BOULEVARD) TO CONCRETE PAVEMENT JOINT AT US 29/NC 49 CONNECTOR. PAVEMENT REHABILITATION. <u>MODIFY PROJECT LIMITS AND FUNDING TO INCLUDE WORK PREVIOUSLY INCLUDED UNDER I-5906.</u> <u>ACCELERATE CONSTRUCTION FROM FY 21 TO FY 20 AT REQUEST OF DIVISION.</u>	CONSTRUCTION	FY 2020 -	<u>\$14,000,000</u> \$14,000,000	(NHPIM)
* U-3467 UNION PROJ.CATEGORY REGIONAL	NC 84, NC 16 TO SR 1008 (WAXHAW-INDIAN TRAIL ROAD) IN WESLEY CHAPEL. CONSTRUCT FOUR LANE ROADWAY, PART ON NEW LOCATION. <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2018 - FY 2018 - FY 2019 - FY 2020 - FY 2021 -	\$15,250,000 \$800,000 \$15,833,000 \$15,834,000 \$15,833,000	(STBG) (STBG) (STBG) (STBG) (STBG)
				\$63,550,000	
U-5762 MECKLENBURG PROJ.CATEGORY REGIONAL	NC 160 (STEELE CREEK ROAD), INTERSECTION OF NC 160 (STEELE CREEK ROAD) AND SR 1106 (HAMILTON ROAD). INTERSECTION IMPROVEMENTS. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING DELAY CONSTRUCTION FROM FY 18 TO FY 19</u>	CONSTRUCTION	FY 2019 -	<u>\$1,300,000</u> \$1,300,000	(T)
* W-5710 ANSON CABARRUS MECKLENBURG STANLY UNION PROJ.CATEGORY EXEMPT	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN DIVISION 10. <u>ADD STBG-DA FUNDING FOR SEGMENT "Z" AT THE REQUEST OF MPO.</u>	CONSTRUCTION	2020	<u>\$630,000</u> \$630,000	STBGDA

DIVISION 11

* B-5527 SURREY PROJ.CATEGORY STATEWIDE	US 52 (NORTHBOUND LANE), REPLACE BRIDGE 850122 OVER TOMS CREEK AND REPLACE BRIDGE 850342 OVER OLD US 52 SOUTHBOUND EXIT RAMP. <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2018 - FY 2019 - FY 2020 -	\$400,000 \$4,350,000 <u>\$4,350,000</u>	(STBG) (STBG) (STBG)
				\$9,100,000	

* INDICATES FEDERAL AMENDMENT

Thursday, August 02, 2018

HIGHWAY PROGRAM STIP MODIFICATIONS

DIVISION 12

* B-5847 CATAWBA PROJ.CATEGORY DIVISION	SR 1709 (ROCK BARN ROAD), REPLACE BRIDGE 170173 OVER I-40. <u>ACCELERATE RIGHT-OF-WAY FROM FY 23 TO FY 20</u> <u>AND CONSTRUCTION FROM FY 24 TO FY 21 PER</u> <u>STURCTURES UNIT</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2020 - \$200,000 (NHPB) FY 2021 - \$2,250,000 (NHPB) FY 2022 - \$2,250,000 (NHPB) \$4,700,000
* I-5805 IREDELL PROJ.CATEGORY STATEWIDE	I-40, SR 2158 (OLD MOCKSVILLE ROAD) TO DAVIE COUNTY LINE. PAVEMENT REHABILITATION. <u>MODIFY PROJECT LIMITS, FUNDING AMOUNT, AND</u> <u>SCHEDULE AT REQUEST OF DIVISION.</u>	CONSTRUCTION	FY 2023 - \$9,912,000 (STBGIM) \$9,912,000
* I-5915A CATAWBA IREDELL PROJ.CATEGORY STATEWIDE	I-40, MILEMARKER 130.7 TO MILEMARKER 150.2. PAVEMENT REHABILITATION. <u>COST INCREASE EXCEEDING \$2 MILLION AND 25%</u> <u>THRESHOLDS.</u>	CONSTRUCTION	FY 2018 - \$15,900,000 (NHPIM) FY 2019 - \$15,900,000 (NHPIM) \$31,800,000
* I-5916 CLEVELAND PROJ.CATEGORY STATEWIDE	I-85, SOUTH CAROLINA LINE TO GASTON COUNTY LINE. PAVEMENT REHABILITATION. <u>ACCELERATE CONSTRUCTION FROM FY 23 TO FY 21</u> <u>AT REQUEST OF DIVISION.</u>	CONSTRUCTION	FY 2021 - \$5,294,000 (NHPIM) \$5,294,000
U-6054 IREDELL PROJ.CATEGORY DIVISION	STATESVILLE, CONSTRUCT BROOKDALE DRIVE-US 21 CONNECTOR. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u> <u>DESIGN DELAY RIGHT-OF-WAY FROM FY 18 TO FY 19</u> <u>AND CONSTRUCTION FROM FY 19 TO FY 21</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - \$1,063,000 (STBGDA) FY 2019 - \$477,000 (L) FY 2021 - \$820,000 (STBGDA) FY 2021 - \$368,000 (L) \$2,728,000

* INDICATES FEDERAL AMENDMENT

HIGHWAY PROGRAM STIP MODIFICATIONS

DIVISION 13

* B-5871 RUTHERFORD PROJ.CATEGORY DIVISION	SR 1306 (BILLS CREEK ROAD), REPLACE BRIDGE 800628 OVER LAKE LURE DAM AND BROAD RIVER. <u>ACCELERATE RIGHT-OF-WAY FROM FY 21 TO FY 20</u> <u>AND CONSTRUCTION FROM FY 22 TO FY 21 PER</u> <u>STRUCTURES UNIT AND COMBINE WITH B-5876</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2020 - \$250,000 (STBG OFF) FY 2021 - \$1,667,000 (STBG OFF) FY 2022 - \$1,667,000 (STBG OFF) FY 2023 - \$1,666,000 (STBG OFF) \$5,250,000
* B-5876 RUTHERFORD PROJ.CATEGORY STATEWIDE	US 74, REPLACE BRIDGE 800083 AND BRIDGE 800084 OVER SECOND BROAD RIVER. <u>ACCELERATE RIGHT-OF-WAY FROM FY 21 TO FY 20</u> <u>AND CONSTRUCTION FROM FY 22 TO FY 21 PER</u> <u>STRUCTURES UNIT AND COMBINE WITH B-5871</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2020 - \$440,000 (STBG) FY 2021 - \$4,400,000 (STBG) FY 2022 - \$4,400,000 (STBG) \$9,240,000
* EB-5547A BUNCOMBE PROJ.CATEGORY DIVISION	BLACK MOUNTAIN RIVERWALK GREENWAY, CONSTRUCT MULTI-USE PATH FROM EXISTING FLAT CREEK GREENWAY TRAILHEAD NORTH OF US 70 TO BLACK MOUNTAIN AVENUE. <u>CREATE SEGMENT A AT REQUEST OF MPO</u>	ENGINEERING RIGHT-OF-WAY CONSTRUCTION	FY 2018 - \$487,000 (STBGDA) FY 2018 - \$122,000 (L) FY 2019 - \$80,000 (STBGDA) FY 2019 - \$20,000 (L) FY 2020 - \$2,300,000 (STBG) FY 2020 - \$334,000 (STBGDA) FY 2020 - \$659,000 (L) \$4,002,000
* EB-5547B BUNCOMBE PROJ.CATEGORY DIVISION	BLACK MOUNTAIN RIVERWALK GREENWAY, CONSTRUCT MULTI-USE PATH FROM BLACK MOUNTAIN AVENUE TO THE INTO THE OAKS TRAIL. <u>CREATE SEGMENT B AT REQUEST OF MPO.</u>	ENGINEERING	FY 2019 - \$110,000 (STBGDA) FY 2019 - \$28,000 (L) \$138,000
I-4700B BUNCOMBE PROJ.CATEGORY STATEWIDE	I-26, NC 146 - LONG SHOALS ROAD (EXIT 37) TO I-40 <u>FUNDING FOR RIGHT-OF-WAY CHANGED FROM</u> <u>FEDERAL TO STATE.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - \$2,000,000 (T) FY 2019 - \$111,700,000 (NHP) \$113,700,000
I-5889A BUNCOMBE PROJ.CATEGORY STATEWIDE	I-40, MILE MARKER 46 TO MILE MARKER 50. PRESERVE BRIDGES. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING DELAY</u> <u>CONSTRUCTION FROM FY 18 TO FY 19</u>	CONSTRUCTION	FY 2019 - \$11,900,000 (NHPIM) \$11,900,000

* INDICATES FEDERAL AMENDMENT

HIGHWAY PROGRAM STIP MODIFICATIONS

DIVISION 13

I-5890 BUNCOMBE PROJ.CATEGORY STATEWIDE	I-40, MILEMARKER 55 TO MILEMARKER 67.5. PAVEMENT REHABILITATION. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN DELAY CONSTRUCTION FROM FY 18 TO FY 19 AT REQUEST OF DIVISION.</u>	CONSTRUCTION	FY 2019 -	<u>\$18,200,000</u> \$18,200,000	(NHPIM)
* U-5019A BUNCOMBE PROJ.CATEGORY DIVISION	RIVERWAY MULTI-MODAL NETWORK, TOWN BRANCH GREENWAY <u>ADD CONSTRUCTION IN FY 20 NOT PREVIOUSLY PROGRAMMED AT THE REQUEST OF THE MPO.</u>	CONSTRUCTION	FY 2020 - FY 2020 -	<u>\$3,420,000</u> <u>\$855,000</u> \$4,275,000	(STBGDA) (L)
* U-5019B BUNCOMBE PROJ.CATEGORY DIVISION	RIVERWAY MULTI-MODAL NETWORK, FRENCH BROAD RIVER WEST GREENWAY, FRENCH BROAD RIVER PARK TO HAYWOOD ROAD. <u>ADD CONSTRUCTION IN FY 21 NOT PREVIOUSLY PROGRAMMED AT THE REQUEST OF THE MPO.</u>	CONSTRUCTION	FY 2021 - FY 2021 -	<u>\$4,000,000</u> <u>\$1,000,000</u> \$5,000,000	(STBGDA) (L)
* U-5833 RUTHERFORD PROJ.CATEGORY DIVISION	SR 2241 (OAK STREET), SR 2159 (PINE RIDGE ROAD) TO US 74. WIDEN EXISTING ROADWAY. <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	CONSTRUCTION	FY 2018 -	<u>\$5,300,000</u> \$5,300,000	(T)

DIVISION 14

B-5550 TRANSYLVANIA PROJ.CATEGORY DIVISION	BREVARD, REPLACE BRIDGE 870102 ON RAILROAD AVENUE OVER KINGS CREEK. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN DELAY RIGHT-OF-WAY FROM FY 18 TO FY 19 AND CONSTRUCTION FROM FY 18 TO FY 19</u>	RIGHT-OF-WAY	FY 2019 -		
			FY 2019 -	\$120,000	(STBG)
			FY 2019 -	\$30,000	(L)
		CONSTRUCTION	FY 2018 -	\$600,000	(STBG)
			FY 2019 -	<u>\$150,000</u> \$900,000	(L)

* INDICATES FEDERAL AMENDMENT

HIGHWAY PROGRAM STIP MODIFICATIONS

DIVISION 14

B-5929	TRACY GROVE ROAD, REPLACE BRIDGE 440350 OVER	RIGHT-OF-WAY	FY 2018 -	\$40,000	(STBGOFF)
HENDERSON	DEVILS FORK CREEK.		FY 2018 -	\$10,000	(L)
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING DELAY</u>	CONSTRUCTION	FY 2019 -	\$920,000	(STBGOFF)
DIVISION	<u>CONSTRUCTION FROM FY 18 TO FY 19</u>		FY 2019 -	\$230,000	(L)
				\$1,200,000	

I-4400C	I-26, US 25 BUSINESS (EXIT 44) TO NC 280 (EXIT 40)	RIGHT-OF-WAY	FY 2019 -	\$2,000,000	(T)
BUNCOMBE	<u>FUNDING FOR RIGHT-OF-WAY CHANGED FROM</u>	CONSTRUCTION	FY 2019 -	\$95,000,000	(NHP)
HENDERSON	<u>FEDERAL TO STATE.</u>			\$97,000,000	
PROJ.CATEGORY					
REGIONAL					

I-4700A	I-26, NC 280 (EXIT 40) TO NC 146 - LONG SHOALS ROAD	RIGHT-OF-WAY	FY 2019 -	\$2,000,000	(T)
BUNCOMBE	(EXIT 37)	CONSTRUCTION	FY 2019 -	\$82,200,000	(NHP)
HENDERSON	<u>FUNDING FOR RIGHT-OF-WAY CHANGED FROM</u>			\$84,200,000	
PROJ.CATEGORY	<u>FEDERAL TO STATE.</u>				
STATEWIDE					

I-5834	I-40, MILE MARKER 27 TO MILE MARKER 34.	CONSTRUCTION	FY 2021 -	\$5,329,000	(NHPIM)
HAYWOOD	PAVEMENT AND BRIDGE REHABILITATION.			\$5,329,000	
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>				
STATEWIDE	<u>DESIGN DELAY CONSTRUCTION FROM FY 20 TO FY 21</u>				
	<u>AT REQUEST OF DIVISION.</u>				

I-6051	I-40, MILEMARKER 20 TO MILEMARKER 27. PAVEMENT	CONSTRUCTION	FY 2027 -	\$4,200,000	(NHPIM)
HAYWOOD	REHABILITATION.			\$4,200,000	
PROJ.CATEGORY	<u>ADD NEW PROJECT BASED ON INTERSTATE</u>				
STATEWIDE	<u>MAINTENANCE PRIORITIZATION PROCESS.</u>				

* INDICATES FEDERAL AMENDMENT

HIGHWAY PROGRAM STIP MODIFICATIONS

DIVISION 14

* R-5600 JACKSON PROJ.CATEGORY REGIONAL	NC 107 US 23 BUSINESS, NC 107, NC 116 TO US 23 BUSINESS. US 23 BUSINESS, SR 1432 (SKYLAND DRIVE) TO MUNICIPAL DRIVE. UPGRADE ROADWAY. <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2019 - \$23,800,000 (STBG) FY 2020 - \$23,800,000 (STBG) FY 2019 - \$1,100,000 (STBG) FY 2021 - \$7,167,000 (STBG) FY 2022 - \$7,166,000 (STBG) FY 2023 - \$7,166,000 (STBG) \$70,199,000
* R-5735 CHEROKEE PROJ.CATEGORY DIVISION	US 19/US 74/ US 64/US 129, END OF 4-LANE DIVIDED SECTION TO SR 1556 (MARTINS CREEK ROAD). IMPROVE ROADWAY. <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2018 - \$1,300,000 (T) FY 2018 - \$160,000 (T) FY 2019 - \$10,900,000 (T) \$12,360,000
* R-5839 GRAHAM SWAIN	NC 28 (FONTANA ROAD), US 129 TO NC 143. UPGRADE ROADWAY. <u>SEGMENT PROJECT TO SECTIONS A, BA, BB, C, D, AND E</u>		
* R-5839A SWAIN	NC 28, US 129 TO SWAIN/GRAHAM COUNTY LINE AT LITTLE TENNESSEE RIVER. UPGRADE ROADWAY. <u>CREATE SEGMENT A TO ALLOW FOR PLANNING AND ENVIRONMENTAL STUDIES.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	POST YR- \$1,520,000 (T) POST YR- \$200,000 (T) POST YR- \$312,700,000 (T) \$314,420,000
* R-5839BA GRAHAM PROJ.CATEGORY DIVISION	NC 28, SWAIN/GRAHAM COUNTY LINE AT LITTLE TENNESSEE RIVER TO WOODS ROAD AT FONTANA DAM VILLAGE. UPGRADE ROADWAY. <u>CREATE SEGMENT BA. TO BALANCE FUNDS DUE TO COST INCREASE, DELAY RIGHT-OF-WAY FROM FY 20 TO FY 21 AND DELAY CONSTRUCTION FROM FY 21 TO FY 23.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2021 - \$70,000 (T) FY 2021 - \$20,000 (T) FY 2023 - \$17,575,000 (T) FY 2024 - \$17,575,000 (T) FY 2025 - \$17,575,000 (T) FY 2026 - \$17,575,000 (T) \$70,390,000
* R-5839BB GRAHAM	NC 28, WOODS ROAD AT FONTANA DAM VILLAGE TO EAST OF SR 1245 (FONTANA DAM ROAD). UPGRADE ROADWAY, INCLUDING REALIGNMENT OF NC 28/SR 1245 (FONTANA DAM ROAD) INTERSECTION. <u>CREATE SEGMENT BB TO ALLOW FOR PLANNING AND ENVIRONMENTAL STUDIES.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	POST YR- \$80,000 (T) POST YR- \$80,000 (T) POST YR- \$37,000,000 (T) \$37,160,000

* INDICATES FEDERAL AMENDMENT

HIGHWAY PROGRAM STIP MODIFICATIONS

DIVISION 14

* R-5839C GRAHAM	NC 28, EAST OF SR 1245 (FONTANA DAM ROAD) TO SR 1287 (CABLE COVE ROAD). UPGRADE ROADWAY. <u>CREATE SEGMENT C TO ALLOW FOR PLANNING AND ENVIRONMENTAL STUDIES.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	POST YR- POST YR- POST YR-	\$90,000 \$20,000 \$58,300,000	(T) (T) (T)
				\$58,410,000	
* R-5839D GRAHAM	NC 28, SR 1287 (CABLE COVE ROAD) TO SR 1242 (LOWER TUSKEEGEE ROAD). UPGRADE ROADWAY. <u>CREATE SEGMENT D TO ALLOW FOR PLANNING AND ENVIRONMENTAL STUDIES.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	POST YR- POST YR- POST YR-	\$730,000 \$80,000 \$57,500,000	(T) (T) (T)
				\$58,310,000	
* R-5839E GRAHAM	NC 28, SR 1242 (LOWER TUSKEEGEE ROAD) TO NC 143. UPGRADE ROADWAY. <u>CREATE SEGMENT E TO ALLOW FOR PLANNING AND ENVIRONMENTAL STUDIES.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	POST YR- POST YR- POST YR-	\$60,000 \$100,000 \$22,000,000	(T) (T) (T)
				\$22,160,000	
* R-5845 SWAIN PROJ.CATEGORY DIVISION	SR 1140 (ALARKA ROAD), US 74 TO SR 1137 (DEEP GAP ROAD). UPGRADE ROADWAY. <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2025 - FY 2025 - FY 2027 -	\$100,000 \$100,000 \$19,600,000	(T) (T) (T)
				\$19,800,000	
* U-5105 HENDERSON PROJ.CATEGORY TRANSITION	HENDERSONVILLE, NC 225/SR 1164 (ERKWOOD DRIVE)/SR 1779(SHEPHERD STREET) IN HENDERSONVILLE. IMPROVE INTERSECTION. <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	CONSTRUCTION	FY 2018 -	\$4,850,000 \$4,850,000	(STBG)
U-5604 MACON PROJ.CATEGORY REGIONAL	US 441 BUSINESS, US 23/US 64/US 441 TO PORTER STREET. INTERSECTION IMPROVEMENTS AT WOMAK STREET, MAPLE STREET, PORTER STREET, AND DEPOT STREET IN FRANKLIN. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING DELAY CONSTRUCTION FROM FY 18 TO FY 19</u>	CONSTRUCTION	FY 2019 -	\$4,200,000 \$4,200,000	(T)

* INDICATES FEDERAL AMENDMENT

Thursday, August 02, 2018

HIGHWAY PROGRAM STIP MODIFICATIONS

DIVISION 14

* U-5888	US 23 BUSINESS, INTERSECTION OF US 23 BUSINESS	RIGHT-OF-WAY	FY 2018 -	\$5,740	(T)
HAYWOOD	(NORTH MAIN STREET) AND WALNUT STREET.	UTILITIES	FY 2018 -	\$350,000	(T)
PROJ.CATEGORY	CONSTRUCT INTERSECTION IMPROVEMENTS.	CONSTRUCTION	FY 2020 -	\$1,250,000	(T)
DIVISION	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>			\$1,605,740	

STIP DELETIONS

DIVISION 3

* U-4007F	US 17, MCDANIEL DRIVE /WORKSHOP LANE. UPGRADE
ONSLow	INTERSECTION.
PROJ.CATEGORY	<u>DELETE, WORK TO BE ACCOMPLISHED UNDER</u>
STATEWIDE	<u>PROJECT U-6107.</u>

DIVISION 8

* EB-5760	EASTERN MONTGOMERY MIDDLE SCHOOL	ENGINEERING	FY 2018 -	\$48,000	(TAP)
MONTGOMERY	GREENWAY, MONTGOMERY MIDDLE AND HIGH		FY 2018 -	\$12,000	(L)
PROJ.CATEGORY	SCHOOLS TO ARTHUR DRIVE IN BISCOE. CONSTRUCT	CONSTRUCTION	FY 2020 -	\$710,000	(TAP)
DIVISION	SIDEPATH ALONG US 220 BUSINESS.		FY 2020 -	\$177,000	(L)
	<u>DELETE AT THE REQUEST OF DIVISION AND RPO -</u>			\$947,000	
	<u>PROJECT DECLINED BY TOWN.</u>				

DIVISION 10

* I-5860	I-85, SR 2472 (W. MALLARD CREEK CHURCH RD) TO 0.8	CONSTRUCTION	FY 2020 -	\$10,600,000	(NHPIM)
MECKLENBURG	MILE NORTH OF SR 2467 (MALLARD CREEK RD).			\$10,600,000	
PROJ.CATEGORY	PAVEMENT REHABILITATION.				
STATEWIDE	<u>DELETE, WORK TO BE ACCOMPLISHED UNDER</u>				
	<u>PROJECT I-5826</u>				

* I-5903	I-485, SR 1601 TO 1 MILE NORTH OF SR 1601.	CONSTRUCTION	FY 2018 -	\$1,400,000	(NHPIM)
MECKLENBURG	PAVEMENT REHABILITATION.			\$1,400,000	
PROJ.CATEGORY	<u>DELETE PROJECT AT THE REQUEST OF DIVISION.</u>				
STATEWIDE					

* INDICATES FEDERAL AMENDMENT

HIGHWAY PROGRAM STIP DELETIONS

DIVISION 10

* I-5906	I-85, I-77 TO US 29/49 CONNECTOR. PAVEMENT	CONSTRUCTION	FY 2022 -	\$3,075,000	(NHPIM)
MECKLENBURG	REHABILITATION.		FY 2023 -	\$3,075,000	(NHPIM)
PROJ.CATEGORY	<u>DELETE, WORK TO BE ACCOMPLISHED UNDER</u>			\$6,150,000	
STATEWIDE	<u>PROJECT I-5905</u>				

DIVISION 13

* B-5196	MONTREAT (TEXAS ROAD), REPLACE BRIDGE 100528	CONSTRUCTION	FY 2018 -	\$575,000	(STBG OFF)
BUNCOMBE	OVER FLAT CREEK.			\$575,000	
PROJ.CATEGORY	<u>DELETE AT THE REQUEST OF TOWN OF MONTREAT.</u>				
DIVISION					

ITEM N SUMMARY

ADDITIONS	70	PROJECTS	\$546,348,000
MODIFICATIONS	68	PROJECTS	
DELETIONS	6	PROJECTS	\$19,672,000
	144	PROJECTS	\$526,676,000

NCDOT August 2, 2018 Board of Transportation Agenda

SUMMARY: There are a total of 49 agreements for approval by the Board of Transportation

Statewide

NC Department of
Environmental Quality (DEQ)
NC Office of Information
Technology Services (ITS)
S0242

This Memorandum of Agreement is to provide up to 1,060 software User Licenses for DEQ users of the SAP System. ITS shall provide support services and normal maintenance. DEQ shall reimburse the Department 100% of the cost of implementation. The estimated reimbursement is \$203,650.

US Geological Survey (USGS)
South Atlantic Water Science
Center
US Department of the Interior

This Project consists of continuing assessment of the impact of highway runoff using new simulations for various scenarios encountered during the NCDOT design process. This Agreement provides for joint funding from September 1, 2018 through September 30, 2021. The Department will contribute a fixed cost of \$209,890 and USGS will contribute \$139,910.

NC Department of Public Safety
NC Emergency Management
Division of Floodplain Mapping
Statewide
S0134

This Project consists of the NC Department of Public Safety collecting and producing Quality Level 2 Light Detection and Ranging (LiDAR) elevation data statewide to improve information availability and date accuracy. This Supplemental Agreement is to provide additional funding in the amount of \$2,751,000 to the Agency in order to continue with Phases 4 and 5 of this project.

NC Wildlife Resources
Commission (NCWRC)

This Agreement provides for the contribution of funds to the NCWRC from NCDOT for appropriate conservation and recovery measures for the federally listed species of endangered aquatic mussel species, in lieu of establishing project specific conservation measures for certain NCDOT projects in Divisions 1-8. The total amount of funding available for contribution will be dependent upon the number of NCDOT Bridge and Culvert Replacements/ Repairs/ Rehabilitations projects eligible to participate in Divisions 1-8.

National Railroad Passenger
Corp. (Amtrak)
42908

This Rail Master Agreement details the terms and conditions by which the Department and Amtrak will handle the final implementation phases of Positive Train Control (PTC) for NCDOT's Piedmont locomotives and cab control units. The tasks are to be performed by Amtrak or its designated subcontractors under this agreement and will include additional PTC software and hardware purchases installations, payment of PTC license fees, PTC back office support, along with PTC testing, commissioning and compliance procedures for the Piedmont equipment as required by federal law. The estimated cost to the Department is \$1,200,000.

NCDOT August 2, 2018 Board of Transportation Agenda

Statewide, cont.

NC Department of Information
Technology Center for
Geographic Information and
Analysis
36249.3930

This Project consists of providing Orthoimagery Advisory and Technical Services for the Digital Southern Piedmont and Mountains 2019 Project in 21 counties of North Carolina, totaling approximately 10,397 square miles and 11,595 orthoimagery tiles (the study area). The Agency shall reimburse the Department 100% of the actual cost of all work performed by the Department, including administrative costs. The estimated cost of the work is \$143,447.

Division 2

City of Greenville
Pitt County
U-2817
34868.3.4

This Project consists of improvements on SR 1700 (Evans Street/Old Tar Road) from SR 1711 (Worthington Road) in Winterville to US 264A (Greenville Boulevard) in Greenville. The Department shall prepare the environmental and/or planning document, project plans/specifications, acquire any needed right of way and construct the project. The Municipality shall relocate and adjust any municipally-owned utilities. At the request of the Municipality, the Department shall include in its contract the construction of 5' sidewalk on both sides of SR 1700 (Evans Street) from the southern city limits to 800' north of Red Bank Road. The Municipality shall reimburse the Department 40% of the actual cost of the work. The estimated reimbursement is \$221,640.

City of Greenville
Pitt County
U-5917
44679.3.1

This Project consists of improvements on SR 1704 (Fourteenth Street) from north of Red Banks Road to SR 1708 (Firetower Road) in Greenville. The Department shall prepare the environmental and/or planning document, project plans/specifications, acquire any needed right of way and construct the project. The Municipality shall relocate and adjust any municipally-owned utilities. At the request of the Municipality, the Department shall include in its contract the construction of new sidewalk within the project limits. The Municipality shall reimburse the Department 40% of the actual cost of the work. The estimated reimbursement is \$78,490.

NCDOT August 2, 2018 Board of Transportation Agenda

Division 2, cont.

Town of Winterville
Pitt County
U-2817
34868.3.4

This Project consists of improvements on SR 1700 (Evans Street/Old Tar Road) from SR 1711 (Worthington Road) in Winterville to US 264A (Greenville Boulevard) in Greenville. The Department shall prepare the environmental and/or planning document, project plans/specifications, acquire any needed right of way and construct the project. The Municipality shall relocate and adjust any municipally-owned utilities. At the request of the Municipality, the Department shall include in its contract the construction of 5' sidewalk on the west side of SR 1700 (Old Tar Road) from Cooper Street to Fire Tower Road; and 8' sidewalk on the east side of SR 1700 (Old Tar Road) from SR 1711 (Worthington Road) to the northern town limit. The estimated reimbursement from the Municipality for the sidewalk and betterments is \$131,184.

Carteret County
B-4863
40212.3.1

This Project consists of replacement of Bridge No. 73 and Bridge No. 96 (Old Bridge No. 96) over the Straits on SR 1335 (Island Road) at Harkers Island. At the request of the County, the Department shall, at no cost to the County, transfer ownership of Old Bridge No. 96, to the County, for use as pedestrian access to an existing fishing pier. The County shall assume ownership, all liability and maintenance responsibilities for the Old Bridge No. 96 upon completion of the new bridge (B-4863) replacement.

North Carolina State Ports
Authority (NCSPA)
Carteret County
80000.1.4.45

On January 5, 2018, the Department and the NCSPA entered into a Rail Freight Assistance Agreement for the rebuilding of the West Lead Track and No. 8 right hand switch at the Morehead City Port along with design, demolition, materials, construction, and labor. The NCSPA will be responsible for performing all of the work. The Department will participate in the cost of the work up to \$350,000. The estimated cost of the project is \$700,000. This Supplemental Agreement No. 1 to the Rail Freight Assistance Agreement utilizes Freight Rail and Rail Crossing Safety Improvement (FRRCSI) funds, allows for revisions to expand the scope to include 366 additional crossties and 109 additional switch ties and crossing replacements. The expanded scope also includes tamping, additional ballast, and excavation. The Department's participation will be changed from \$350,000 to \$360,000, and the total estimated cost of the project will change from \$700,000 to \$720,000.

NCDOT August 2, 2018 Board of Transportation Agenda

Division 5

Town of Wake Forest
Wake County
EL-5100AD
41821.1.38
41821.2.38
41821.3.39

This Project consists of pedestrian connections along West Oak Avenue (SR 1931) and Wait Avenue (NC 98 Business) in Wake Forest. This Supplemental Agreement is to increase funding for the Project. The Department's original participation was \$1,456,880. The Department agrees to reimburse the Municipality an additional \$480,000 (50%) of Transportation Alternatives Program funds. The Municipality's original local match was \$364,220. The Municipality will provide an additional \$480,000 (50%) as their local match and all costs that exceed the total available funding.

Town of Cary
Wake County
C-5604ID
43714.2.16
43714.3.16

This Project consists of the construction of a greenway trail starting from where the greenway currently ends at Union Street and extending to Kildaire Farm Road near Cary Elementary School. The Municipality is responsible for all phases of the Project. The Department shall reimburse 70% of eligible expenses incurred by the Municipality up to \$2,030,000 in CMAQ funds. The Municipality shall provide the 30% non-federal match (\$870,000) and all costs that exceed the total available funding.

City of Durham
Durham County
EB-5904
47469.1.1
47469.2.1
47469.3.1

This Project consists of Pedestrian and Bicycle improvements from Pettigrew Street to Avondale Drive, construction of a multiuse trail on a former Rail Corridor in Durham. This Supplemental Agreement is to increase funding for the Project. The Department's original participation was \$6,280,000 in TAP funds for the PE and ROW Phases. The Department agrees to reimburse the Municipality an additional \$1,820,000 in TAP funds, for a total of \$8,400,000. The Municipality shall provide the 20% non-federal match for both phases; however, the Department has agreed to allow the value of donated ROW from third parties to be counted towards the non-federal match.

Triangle J Council of
Governments
Wake County
C-5604SA
43714.4.2

This Project consists of the implementation of the Triangle TDM Plan, a joint effort of NCDOT, the Capital Area MPO, the Durham-Chapel Hill-Carrboro MPO, GoTriangle and the Triangle J Council of Governments. The Department shall reimburse 80% of eligible expenses up to a maximum amount of \$659,200 in CMAQ funds. The Agency shall provide the 20% non-federal match (\$164,800) and all costs that exceed the total available funding.

NCDOT August 2, 2018 Board of Transportation Agenda

Division 6

County of Harnett
47750

This Project consists of construction of a new access driveway into North Harnett Primary School from NC 210. The Department shall be responsible for all phases of the Project. The Department shall participate in the actual cost up to a maximum amount of \$400,000. The County shall participate in the actual costs in an amount up to \$200,000, and shall be responsible for all costs that exceed the total estimated \$600,000. This Agreement supersedes the item approved by the Board on May 31, 2018.

City of Fayetteville
Cumberland County
6.1026SM
6.2026SM

This Municipal Operations Agreement (Traffic Schedule D) provides for the municipal operation of the computerized traffic control system, including timing plans, electric traffic signals and other traffic control devices on the State Highway System Streets located within or near the City of Fayetteville. The Department shall pay the Municipality an annual approved cost of \$106,814 for system operation, maintenance, and compensation as per the Agreement.

Fayetteville Public Works
Commission
Cumberland County
B-4491
38389.3.3

This Project consists of improvements to Bridge No. 22 Over I-95 Business/US 301 on NC 59 in Fayetteville. This Utility Construction Agreement (UCA) is for the contractor to adjust and relocated water and sewer lines during construction of the Project. The Municipality shall reimburse the Department 100% of the cost for the utility work. The estimated reimbursement is \$435,343.

City of Fayetteville
Cumberland County
B-5993
48148.1.1
48148.2.1
48148.3.1

This Project consists of replacement of Bridge No. 250211 on Louise Street over Beaver Creek in Fayetteville. The Department shall participate in 80% of the costs up to a maximum amount of \$1,440,000. The Municipality shall provide a 20% local match of \$360,000 and all costs that exceed the total estimated cost of \$1,800,000.

Town of St. Pauls
Robeson County
R-5848
46958.3.1

This Project consists of construction of turn lanes and acceleration lanes to accommodate the Pepsi Cola Bottling Facility. In conjunction with the Project, the Municipality has relocated a sewer pump station. The cost of the relocation was \$13,290. The Department shall reimburse the Municipality \$6,645 (50%) of the relocation cost.

NCDOT August 2, 2018 Board of Transportation Agenda

Division 7

City of Eden
Rockingham County
EB-5888
47284.1.1
47284.3.1

This Project consists of pedestrian improvements along East Stadium Drive from North Pierce Street to Freedom Park/Edgewood Road in Eden. The Municipality is responsible for all phases of the Project. The Department shall reimburse 80% of eligible expenses incurred by the Municipality up to \$394,400 in TAP funds. The Municipality shall provide the 20% non-federal match (\$98,600) and all costs that exceed the total available funding of \$493,000.

City of Graham
Alamance County
EB-5884
47280.1.1
47280.2.1
47280.3.1

This Project consists of sidewalk and pedestrian improvements on South Main Street from Ivey Road to East Gilbreath Street in Graham. The Municipality is responsible for all phases of the Project. The Department shall reimburse 80% of eligible expenses incurred by the Municipality up to \$431,000 in TAP funds. The Municipality shall provide the 20% non-federal match (\$107,750) and all costs that exceed the total available funding of \$538,750.

Piedmont Triad Regional
Council
Guilford County
41794.14

This Project consists of the Piedmont Triad Regional Council and selected consultant producing a Bicycle Plan for the Piedmont Triad multi-jurisdiction region. The work to be accomplished includes data collection and analysis, public outreach, facility and route system development, prioritization, plan adoption and implementation. Significant work will be done coordinating with the local partners to sustain and develop the system over time. The Department shall participate in the actual Project costs up to a maximum amount of \$223,361 (estimated costs are \$223,361). Costs which exceed this amount shall be borne by the Agency.

Dan River Water, Inc.
(Company)
Rockingham County
R-5704
46376.3.1

This Project consists of intersection improvements along NC 87 at SR 1001 (Sandy Cross Road) and SR 1998 (Wentworth Street) in Rockingham County. The Department shall be responsible for the adjustment and relocation of the water lines. The Company has requested additional 8" valves and necessary fittings as a betterment and shall reimburse the Department 100% of the betterment cost. The estimated reimbursement is \$7,608.

NCDOT August 2, 2018 Board of Transportation Agenda

Division 7, cont.

City of Burlington
Alamance County
EB-5882
47278.1.1
47278.2.1
47278.3.1

The Project consists of construction of sidewalk on Graham-Hopedale Road (SR 1716) from Mebane Street to Hanover Road including ramp improvements at all intersections in Burlington. The Municipality shall be responsible for all phases of the work. The Department shall reimburse 80% of approved eligible expenses with TAP funds, not to exceed \$124,000. The Municipality shall provide the 20% (\$31,000) non-federal match and all costs that exceed the total estimated cost of \$155,000.

City of Burlington
Alamance County
EB-5885
47281.1.1
47281.3.1

The Project consists of constructing a sidewalk along North Church Street (US 70) from Beaumont Avenue to Graham Hopedale Road including new ADA ramps and ADA ramp improvements at all intersections. The Municipality shall be responsible for all phases of the work. The Department shall reimburse 80% of approved eligible expenses with TAP funds, not to exceed \$110,400. The Municipality shall provide the 20% (\$27,600) non-federal match and all costs that exceed the total estimated cost of \$138,000.

City of High Point
Guilford County
43250

This Project consists of the installation of pedestrian amenities on US 311 Business (Main Street) at Lexington Avenue in High Point. This Supplemental Agreement is to increase the funding and extend the completion date for the Project. The Department's original participation was \$140,000. The Department agrees to reimburse the Municipality an additional \$100,000 of Contingency funds. The Municipality shall complete the project by December 31, 2019 in lieu of June 30, 2016.

Division 8

Town of Aberdeen
Moore County
EB-5869
47325.1.1
47325.3.1

This Project consists of construction of sidewalk and pedestrian improvements on Johnson Street from US 15/501 to Mike Place in Aberdeen. The Municipality is responsible for the project. The Department shall reimburse 80% of approved eligible expenses with TAP funds, not to exceed \$182,000. The Municipality shall provide the 20% (\$46,000) non-federal match and all costs that exceed the total estimated cost of \$228,000.

NCDOT August 2, 2018 Board of Transportation Agenda

Division 8, cont.

Chatham County and
Tim's Farm and Forestry, LLC
48171

This Project consists of the completion of the planning and environmental documentation specific to transportation improvements needed for the Chatham-Siler City Advanced Manufacturing Site. The County and/or the Developer, and/or its consultant, shall prepare the environmental and planning document. The Department shall participate up to a maximum amount of \$500,000 in Contingency funds approved by the Board of Transportation. Costs which exceed this amount shall be borne by the County and/or Developer.

Mountaire Farms Inc. (Industry)
CSX Transportation, Inc.
(CSXT)
Laurinburg-Maxton Airport
Commission (Commission)
Scotland County
P-5724
80000.3.1.14
47371.3.1

On April 24, 2018, the Department, Mountaire Farms, Inc., CSX Transportation, Inc., and Laurinburg-Maxton Airport Commission entered into a Rail Industrial Access and Construction Agreement to assist the Industry with upgrading a rail industrial lead track from the CSXT SE line, constructing a loop track off the spur to serve a proposed feed mill, installing a new at-grade crossing of SR 1434 (Airport Road), and rehabilitating two (2) at-grade crossings. The Industry, CSXT, and the Commission will be responsible for performing the work. The Department will participate in the total cost of the project up to \$1,490,809. The estimated cost of the project is \$9,282,133. This Supplemental Agreement No. 1 to the Rail Industrial Access and Construction Agreement executed on April 24, 2018 utilizes Freight Rail and Rail Crossing Safety Improvement (FRRCSI) funds and allows for revisions in the funding and reimbursement provisions. The Department will be reimbursing CSXT for their work performed, up to \$1,209,809, and will be reimbursing the Industry \$200,000. The Industry, CSXT, and the Commission will be responsible for performing the work. The Department's participation in the total cost of the project (up to \$1,409,809) will not change. The estimated cost of the project remains \$9,282,133.

Division 9

Winston-Salem City/
County Utilities Division
Forsyth County
B-5152
17BP.9.R.99

This Project consists of replacement of Bridge 95 over Blanket Creek on SR 1100 (Lasater Road) in Winston-Salem. This Supplemental Utility Construction Agreement (UCA) is to place provisions in the construction contract for the contractor to adjust and relocate municipal sewer and water lines. The Municipality shall reimburse the Department 100% of actual cost of the utility work. The estimated reimbursement from the Municipality is \$130,074.

August 2, 2018

NCDOT August 2, 2018 Board of Transportation Agenda

Division 9, cont.

Salisbury-Rowan Utilities
Rowan County
U-5738
50163.3.1

This Project consists of widening to multi-lanes on SR 2528 (Julian Road) from US 601 (Jake Alexander Boulevard) to SR 2667 (Summit Park Drive) in Salisbury. This Utility Construction Agreement is for the contractor to adjust and relocate municipal water and sewer lines. The Municipality shall reimburse the Department 100% of actual cost of the utility work. The estimated reimbursement is \$710,063.

Town of Kernersville
(Municipality)
Forsyth County
Z-5700ID
44803

This Rail Municipal Agreement covers the design and installation of warning devices and associated roadway safety improvements at the municipal highway-railway grade crossing of Nelson Street (Crossing # 722 079V, milepost K 14.69). The Department will coordinate with the railroad for the warning device work and the municipality will be responsible for the roadway work. The Department will be responsible for 90% of the cost of the work, and the Municipality will be responsible for 10% of the cost of the work. The estimated total cost of the project is \$353,800.

Division 10

Town of Cornelius
Mecklenburg County
C-5613J
43735.1.14
43735.2.14
43735.3.14

This Project consists of intersection improvements at NC 115 and Hickory Street in Cornelius. The Municipality is responsible for the project. The Department shall reimburse 70% of approved eligible expenses from CMAQ funds allocation not to exceed \$1,003,265. The Municipality will provide the 30% (\$429,970) non-federal match and all costs that exceed the total estimated cost of \$1,433,235.

CSX Transportation, Inc.
(CSXT)
Mecklenburg County
U-5763
50176

This Rail Agreement covers the improvements needed to widen NC 51 (Matthews Township Parkway) from Sardis Road (SR 3356) to East John Street (SR 1010) and improve the intersection of NC 51 and East John Street, extending the existing roadway bridges over CSXT's track. The Department will perform the work. CSXT will review the plans and provide any necessary flagging. The Department will reimburse CSXT for all work performed by CSXT. The estimated cost to the Department is \$400,000.

NCDOT August 2, 2018 Board of Transportation Agenda

Division 10, cont.

City of Concord
Cabarrus County
EB-5902
47346.3.1

This Project consists of pedestrian signal upgrades in downtown Concord. The Municipality is responsible for the project. The Department shall reimburse 80% of approved eligible expenses from TAPDA funds not to exceed \$249,600. The Municipality shall provide the 20% (\$62,400) non-federal match and all costs that exceed the total estimated cost of \$312,000.

City of Charlotte
Mecklenburg County
36109.80.20

This Project consists of the construction of a pedestrian bridge over I-277 (John Belk Freeway). The Municipality is responsible for the project. The Department shall participate in the construction costs of the project in an amount not to exceed \$3,275,105. Costs that exceed this amount shall be borne by the Municipality.

City of Concord
Cabarrus County
C-5603I
43713.1.9
43713.2.9
43713.3.9

This Project consists of sidewalk and westbound receiving lane from Flowes Store Road to Zion Church Road and intersection improvements at US 601 and Flowes Store Road. The Municipality is responsible for the project. The Department shall reimburse 80% of approved eligible expenses from CMAQ funds allocation not to exceed \$1,889,176. The Municipality will provide the 20% (\$472,294) non-federal match and all costs that exceed the total estimated cost of \$2,361,470.

City of Concord
Cabarrus County
EB-5903
47347.3.1

This Project consists of fill in sidewalk from Tulip Avenue, SW to Cumberland Court including curb and gutter and associated storm drainage structures as necessary. The Municipality is responsible for the project. The Department shall reimburse 80% of approved eligible expenses from TAPDA funds allocation not to exceed \$320,000. The Municipality will provide the 20% (\$80,000) non-federal match and all costs that exceed the total estimated cost of \$400,000.

City of Kannapolis
Cabarrus County
C-4916C
44016.1.F3
44016.2.2
44016.3.4

This Project consists of the construction of sidewalk on Oakwood Avenue from Windsor Drive to Rogers Lake Road. This Supplemental Agreement is to increase funding. The Department shall participate in an additional amount not to exceed \$1,148,800 (80%) in CMAQ funds. The Municipality will be responsible for providing the 20% (\$287,200) non-federal match and all costs that exceed the estimated cost of \$1,436,000.

NCDOT August 2, 2018 Board of Transportation Agenda

Division 10, cont.

Mecklenburg County
EB-5829
45969.1.1
45969.3.1

This Project consists of construction of the Four Mile Creek Greenway Crossing under SR 3448 (South Trade Street) and a greenway connection to Brenham Lane. The Department is responsible for the work. The County shall provide a local match (\$471,327) to the federal funds authorized and all costs that exceed the total estimated cost. This agenda item supersedes the item that was approved by the BOT on September 7, 2017.

City of Charlotte
Mecklenburg County
M-0522
47433.1.13

This Project consists of a feasibility study for improvements to Brookshire Boulevard from Hoskins Road to the Gaston County Line. The Department shall perform the study. The Municipality shall participate in 20% of the costs of the project in the amount of \$75,252.

Town of Ansonville
Anson County
17BP.10.R.125

This Project consists of the replacement of Bridge No. 307 over the Winston-Salem Southbound Railroad on SR 1627 (Pinkston River Road) in Anson. At the request of the Municipality, the Department's contractor shall include in its construction contract betterments to the water lines. The Municipality shall reimburse the Department 100% of the utility betterment work. The estimated reimbursement is \$58,000.

Division 12

City of Hickory
Catawba County
C-5196
46248.2.F1
46248.3.1

This Project consists of intersection improvements at several intersections in Hickory. The Municipality is responsible for the work. This Supplemental Agreement is to increase funding and reduce the scope of the project to the construction of a roundabout on 16th Street (Sandy Ridge Road) at 21st Street Avenue NE in Hickory.

NCDOT August 2, 2018 Board of Transportation Agenda

Division 12, cont.

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

This Rail Agreement; utilizes Freight Rail and Rail Crossing Safety Improvement (FRRCSI) funds, covers the procurement and installation of digital wireless remote crossing monitoring units at eleven (11) highway-railroad at-grade crossings along the state-owned Piedmont & Northern rail line in Gaston County. The Railroad will perform the work and the Department will reimburse the Railroad up to \$40,000. This item was previously approved by the Board on 9/7/17. Due to a change in the Parties to the Agreement from Progressive Rail Incorporated to Piedmont and Northern Railroad, LLC, the agreement was re-run on the Board on 10/5/17. The item is being re-run again as the scope of the project has been modified to change the number of units procured from eleven (11) to twelve (12), and the amount that the Department shall reimburse the Railroad has changed from up to \$40,000 to up to \$84,000. All other provisions shall remain the same.

Division 13

FHWA – Eastern Federal Lands
Highway Division (EFLHD)
Buncombe County
I-4700B
36030.1.FS3

This Project consists of the preliminary design, environmental documentation, and project review for widening the Blue Ridge Parkway bridge replacement over I-26 near Milepost 36 in Buncombe County. This Supplemental Agreement No. 4 is to increase the total reimbursable amount by \$360,000 for a total estimated cost of \$2,635,000 in Federal National Highway Performance Program (NHPP) Funds. This agenda item supersedes the item that was approved by the BOT on May 31, 2018.

FHWA – Eastern Federal Lands
Highway Division (EFLHD)
Buncombe County
I-4700B
36030.1.FS3

This Memorandum of Agreement is for the I-4700B Blue Ridge Parkway bridge replacement over I-26 near Milepost 36 in Buncombe County. This Second Amendment is to document the increased total estimated cost (\$2,635,000) and advance the completion date to December 2018 in lieu of February 2019. This agenda item supersedes the item that was approved by the BOT on May 31, 2018.

NCDOT August 2, 2018 Board of Transportation Agenda

Division 14

FHWA – Eastern Federal Lands
Highway Division (EFLHD)
Transylvania County
R-5865
47628.3.1

This Project consists of widening and installing turn lanes on 276 from US 64 to Avery Creek Trail Head in Transylvania County. The Department shall utilize \$2,720,000 in federal FLAP funding and provide a 20% (\$680,000) state match. The estimated cost of the project is \$3,400,000.

Town of Murphy
Cherokee County
R-5735
50193.3.1

This Project consists of improvements on US 19/74/64/129 from the end of the four-lane divided section to SR 1556 (Martins Creek Road) in Murphy. The Department shall prepare the environmental and/or planning document, project plans/specifications, acquire any needed right of way and construct the project. The Municipality shall relocate and adjust any municipally-owned utilities. At the request of the Municipality, the Department shall include in its contract the construction of sidewalk within the project limits. The Municipality shall reimburse the Department 20% of the actual cost of the work. The estimated reimbursement from the Municipality is \$24,000.

NCDOT August 2, 2018 Board of Transportation Agenda

SUMMARY: There are a total of 26 agreements for informational purposes only

Division 2

Town of Beaufort
Carteret County
2RE.101615

This Agreement is to provide "routine" and/or "clean up" mowing of the State maintained roadways within the corporate limits of the Municipality. The Municipality shall provide the equipment, labor, materials and traffic controls to perform the mowing. The Department shall reimburse the Municipality up to \$9,131.55 for the yearly mowing cycle.

Town of Pine Knoll Shores
Carteret County
2RE.101615

This Agreement is to provide "routine" and/or "clean up" mowing of the State maintained roadways within the corporate limits of the Municipality. The Municipality shall provide the equipment, labor, materials and traffic controls to perform the mowing. The Department shall reimburse the Municipality up to \$8,338.43 for the yearly mowing cycle.

Division 3

Town of Leland
Brunswick County
R-3601(L)
38868.3.4

This Project consists of ornamental landscaping at the diverging diamond intersection of NC 133 and US 17/74/76. The Department shall develop the landscape design, prepare the plans/specifications and install the plantings. The Municipality shall assume maintenance of the landscaping after one year.

Division 4

RDF Development
Johnston County
36249.3919

This Project consists of the installation of a new traffic signal at SR 1003 (Buffalo Road) at Flowers Parkway and Jordan Narron Road. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% of the Department's work. The estimated reimbursement is \$5,000.

Rebecca D. Flowers
Johnston County
R-3825B
34552.3.5

This Project consists of improvements on NC 42 from east of SR 1902 (Glen Laurel Road) to SR 1003 (Buffalo Road). At the request of the Developer and in conjunction with the project, the Department shall include additional roadway, signal and utility improvements. The Developer shall reimburse the Department 100% of the work performed by the Department. The estimated reimbursement is \$1,202,500.

NCDOT August 2, 2018 Board of Transportation Agenda

Division 4, cont.

RDF Development
Johnston County
SM-5704A
48262.3.1

This Project consists of a new traffic signal, crosswalks, ramps and new sidewalk at the intersection of SR 1003 (Buffalo Road) and East Neuse River Parkway/River Dell Townes Avenue. The Department shall perform the work. The Developer shall participate in the project costs in the amount of \$300,000. The estimated cost of the project is \$715,000.

Division 5

City of Creedmoor
Granville County
C-5166A
46232.1.1
46232.2.F1
46232.3.3

This Project consists of the design and construction of the eastern portion of bike and pedestrian trail system near the NC 56 Corridor in Creedmoor. This Supplemental Agreement is to extend the completion date to September 30, 2020 in lieu of January 27, 2017.

City of Creedmoor
Granville County
C-5166B
46232.1.2
46232.2.F2
46232.3.4

This Project consists of the design and construction of the western portion of bike and pedestrian trail system near the NC 56 Corridor in Creedmoor. This Supplemental Agreement is to extend the completion date to September 30, 2020 in lieu of January 2, 2018.

City of Creedmoor
Granville County
C-5513
50029.1.1
50029.3.1

This Project consists of construction of a 10-ft wide asphalt and concrete sidewalk/path, multiple signalized pedestrian crossings, crosswalks, signage, retaining walls, curb and gutter, and stormwater devices. This Supplemental Agreement is to extend the completion date to September 30, 2020 in lieu of April 4, 2018.

Wynn Homes
Wake County
36249.3916

This Project consists of the installation of a new traffic signal at Gresham Lake Road and Litchford Road. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer will reimburse the Department 100% of the cost. The estimated reimbursement is \$5,000.

NCDOT August 2, 2018 Board of Transportation Agenda

Division 6

Town of Spring Lake
Cumberland County
6RE.102615
6RE.202615

This Agreement is to provide “routine” and/or “clean up” mowing of State maintained roadways within the corporate limits of the Municipality. The Municipality shall provide the equipment, labor, materials and traffic controls to perform the mowing. The Department shall pay the Municipality annually for the mowing cycle, not to exceed the cost of the work as if done by the Department.

Town of Lillington
Harnett County
6RE.104315
6RE.204315

This Agreement is to provide “routine” and/or “clean up” mowing of State maintained roadways within the corporate limits of the Municipality. The Municipality shall provide the equipment, labor, materials and traffic controls to perform the mowing. The Department shall pay the Municipality annually for the mowing cycle, not to exceed the cost of the work as if done by the Department.

Town of Erwin
Harnett County
6RE.104315
6RE.204315

This Agreement is to provide “routine” and/or “clean up” mowing of State maintained roadways within the corporate limits of the Municipality. The Municipality shall provide the equipment, labor, materials and traffic controls to perform the mowing. The Department shall pay the Municipality annually for the mowing cycle, not to exceed the cost of the work as if done by the Department.

City of Dunn
Harnett County
6RE.104335
6RE.104315
6RE.204315

This Agreement is to provide “routine” and/or “clean up” mowing of State maintained roadways within the corporate limits of the Municipality. The Municipality shall provide the equipment, labor, materials and traffic controls to perform the mowing. The Department shall pay the Municipality annually for the mowing cycle, not to exceed the cost of the work as if done by the Department.

City of Fayetteville
Cumberland County
6RE.102615
6RE.202615

This Agreement is to provide “routine” and/or “clean up” mowing of State maintained roadways within the corporate limits of the Municipality. The Municipality shall provide the equipment, labor, materials and traffic controls to perform the mowing. The Department shall pay the Municipality annually for the mowing cycle, not to exceed the cost of the work as if done by the Department.

NCDOT August 2, 2018 Board of Transportation Agenda

Division 6, cont.

City of Fayetteville
Cumberland County
6RE.102611
6RE.202611

This Agreement is to provide street sweeping of State maintained roadways within the corporate limits of the Municipality. The Municipality shall provide the equipment, labor, materials and traffic controls to perform the mowing. The Department shall pay the Municipality annually for the mowing cycle, not to exceed the cost of the work as if done by the Department.

Town of St. Pauls
Robeson County
36249.3920

This Project consists of the fabrication and installation of four "Home of Miss North Carolina 2017, Victoria Huggins" signs at the St. Pauls City Limits on NC 20 and US 301. The Municipality shall reimburse the Department 100% of the work performed by the Department. The estimated reimbursement is \$2,500.

Division 9

NC Department of Public Safety
Forsyth County
36249.3917

This Project consists of construction of a 63' x 40' parking pad at the NC Department of Public Safety facility, Forsyth Corrections Center in Winston-Salem. The Agency shall reimburse the Department 100% of the actual cost of the work. The estimated cost is \$48,000.

City of Winston-Salem
Forsyth County

This Agreement is to ensure that inspection and maintenance of decorative art installed across US 52 as part of the Salem Creek Connector project (U-2925) is the responsibility of Winston-Salem. The Municipality has agreed to perform inspections and maintenance activities on a cycle not to exceed 24 months in accordance with National Bridge Inspection Standards and to make the periodic inspection reports available to the Department or Federal Highway Administration (FHWA) upon request.

Division 10

Town of Matthews
Mecklenburg County
36249.2851

This Project consists of maintenance of four municipally owned traffic signals in Matthews. The Department shall be responsible for the work. The Municipality shall reimburse the Department 100% of the work performed by the Department. The estimated reimbursement is \$8,000 annually for the four traffic signals.

NCDOT August 2, 2018 Board of Transportation Agenda

Division 10, cont.

Waxhaw Southstar, LLC
Mecklenburg County
36249.3915

This Project consists of the modification of an existing traffic signal at NC 16 (Providence Road) and Sunset Hill Road. The Department will review the traffic signal plans and inspect the traffic signal modification. The Developer shall reimburse the Department 100% of the Department's work. The estimated reimbursement is \$5,000.

The Bainbridge Companies
Mecklenburg County
36249.3918

This Project consists of the installation of a traffic signal at the intersection of Matthews-Mint Hill Road (NC 51) and Moore Road/Northeast Parkway. The Department will review the traffic signal plans and inspect the traffic signal modification. The Developer shall reimburse the Department 100% of the Department's work. The estimated reimbursement is \$5,000.

City of Concord
Cabarrus County
I-3803B(L)
34187.3.5

This Project consists of landscape plantings on I-85 at the following locations: Exit 49 (Concord Mills/Bruton Smith Boulevard); Exit 52 (Poplar Tent Road); Exit 54 (Kannapolis Parkway/George Liles Boulevard) and Exit 55 (NC 73 Davidson Highway) in Concord. The Department shall develop the landscape design, prepare plans and site and install the plantings. The Municipality shall assume maintenance of the landscaping improvements after a two year establishment period.

Division 12

City of Hickory
Catawba County
EB-5750
50427.3.1

This Project consists of construction of a multi-use path and additional enhancements along Main Street from 9th Street Northwest to 7th Avenue Northeast in Hickory. This Supplemental Agreement modifies the project funding source with no change in the amount of funding.

City of Gastonia
Gaston County
2017CPT.12.28.10361

This Project consists of resurfacing two sections of US 29/74 between SR 1136 (Myrtle School Road) and US 321 and NC 274 and Thomas Street/Belvedere Street and traffic signal modifications. This Supplemental Agreement is to upgrade traffic signal posts and signals at the request of the Municipality. The estimated reimbursement is \$1,204.

NCDOT August 2, 2018 Board of Transportation Agenda

Division 13

Burke County
36249.3921

This Project consists of design, fabrication, and installation of 2 "Welcome to Burke County" signs to be located eastbound and westbound on I-40 at the county lines. The County shall reimburse the Department 100% of the actual cost of the Department's work. The estimated reimbursement is \$5,891.16.

NCDOT August 2018 Board of Transportation Agenda

Approval of Municipal Street System Changes

There will be no municipal street system changes presented for approval at the August 2018 Board meeting.

NCDOT August 2018 Board of Transportation Agenda

<u>No.</u>		<u>Enacted Page No.</u>
1	Preliminary Right of Way Plans	R - 1 & R - 2
2	Final Right of Way Plans	R - 3
3	Revisions of Final Right of Way Plans	R - 4
4	Conveyance ROW Residue (HB 501)	R - 5 – R - 9
5	Approval of Conveyance of Highway Right of Way Residues	R - 10
6	Approval of Conveyance of Surplus Highway Right of Way	R - 11
7	Approval of Revision in Control of Access	R - 12
8	Advance Acquisition of Highway Right of Way	R - 13

Preliminary Right of Way Plans

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

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

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

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

(Division 2)

Carteret County; I.D. No. B-4863; Project No. 40212.2.1:

SR 1335 (Island Road) replace lift span on Bridge No. 73 and 96 over the Straits at Harkers Island

(Division 5)

Wake County; I.D. No. R-2721B; Project No. 37673.2.TA2:

NC 540 from East of SR 1152 (Holly Springs Road to East of US 401

Wake County; I.D. No. R-2721A; Project No. 37673.2.TA1:

NC 540 from NC 55 Bypass to East of SR 1152 (Holly Springs Road)

Wake County; I.D. No. R-2828; Project No. 35516.2.TA1:

Southern Wake Freeway (Future NC 540) from US 401 to I-40

(Division 6)

Harnett County; I.D. No. B-5339; Project No. 46053.2.1:

SR 1544 (Guy Road) replace Bridge No. 233 over Black River Tributary

Columbus County; I.D. No. R-5013; Project No. 41160.2.1:

US 701 at NC 410 (Joe Brown Highway)

Preliminary Right of Way Plans (continued)

(Division 6) (continued)

Harnett County; I.D. No. B-5414; Project No. 55044.2.1:

SR 1234 (Leaflet Church Road) replace Bridge No. 195 over a branch of Upper Little River

(Division 8)

Moore County; I.D. No. R-5726; Project No. 50218.2.1:

NC 211 from SR 1241 (Holly Grove School Road) to NC 73 in West End

(Division 9)

Davie County; I.D. No. U-6002; Project No. 47137.2.1:

Wilkesboro Street at Yadkinville Road in Mocksville

(Division 10)

Mecklenburg County; I.D. No. P-5705A; Project No. 44475.2.1:

Charlotte Gateway Station – WYE Connection Track at Charlotte Junction

(Division 14)

Clay County; I.D. No. A-0011C; Project No. 32574.2.4:

NC 69-US 64 from Georgia State Line to US 64 (Hayesville Bypass)

Jackson County; I.D. No. W-5714E; Project No. 44862.2.5:

US 64 approximately 0.8 miles East of SR 1119 (Chrysler Curve) near Sapphire

Swain County; I.D. No. R-5843; Project No. 47085.2.1:

SR 1321 (Bryson Walk), SR 1336 (Depot Street) from SR 1323 (Slop Street) to SR 1336 (Deep Creek Road)

Final Right of Way Plans

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

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

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

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

(Division 6)**Project No. 50138.2.153; Columbus County; I.D. No. W-5601EV:**

Grading, drainage, paving and signal on US 74 from SR 1824 (Water Tank Road) to just East of Brunswick County Line with the right of way indicated upon the final plans for said project.

(Division 10)**Project No. 50081.2.1; Mecklenburg County; I.D. No. U-5526A:**

Grading, drainage, paving, tolling and ITS on US 74 (Independence Boulevard) from I-277 to Village Lake Drive convert bus lanes to reversible managed lanes with the right of way indicated upon the final plans for said project. Moved from July 2018

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

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

Revisions of the Final Right of Way Plans

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

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

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

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

(Division 7)**Project No. 34802.2.2; I.D. No. U-2412A; Guilford County:**

Final Right of Way plans approved on the minutes of the May 31, 2018 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 20 as presented at the August 2, 2018 Board of Transportation Meeting.

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

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

(Division 4)

Project 36109.80.20, Parcel R-1030 901 US 117 from south of NC 581 at Goldsboro to south of SR 1330

Wayne County

Conveyance of an approximate 8.690-acre residue area to John D Lewis for the highest offer amount of \$11,025.00 at the second auction offering.

Project 36109.80.20, Parcel R-1030BB 001 US 117 Bypass from south of SR 1342 Memorial Church Road to south of SR 1639 Fate Road

Wayne County

Conveyance of an approximate 1.3 -acre residue area to William Mooring for the highest offer amount of \$900.00.

Project 36109.80.20, Parcel R-1030AA 042 US 117 Bypass from south of NC 581 at Goldsboro to south of SR 1300

Wayne County

Conveyance of an approximate 0.12 -acre landlocked residue area to Steven Kenneth Hill for the highest offer amount of \$500.00.

Project 36109.80.20, Parcel R-1030AA 045 US 117 Bypass from south of NC 581 at Goldsboro to south of SR 1300

Wayne County

Conveyance of an approximate 0.12 -acre landlocked residue area to Steven Kenneth Hill for the highest offer amount of \$600.00.

Project 36109.80.20, Parcel R-1030AA 046 US 117 Bypass from south of NC 581 at Goldsboro to south of SR 1300

Wayne County

Conveyance of an approximate 0.76 -acre landlocked residue area to Steven Kenneth Hill for the highest offer amount of \$700.00.

Project 36109.80.20, Parcel R-1030AA 046A US 117 Bypass from south of NC 581 at Goldsboro to south of SR 1300

Wayne County

Conveyance of an approximate 0.98 -acre landlocked residue area to Steven Kenneth Hill for the highest offer amount of \$700.00.

Project 36109.80.20, Parcel R-1030AA 047 US 117 Bypass from south of NC 581 at Goldsboro to south of SR 1300

Wayne County

Conveyance of an approximate 0.66 -acre landlocked residue area to Steven Kenneth Hill for the highest offer amount of \$600.00.

Approval of Conveyance of Highway Right of Way Residues by Real Estate Agent and/or

Auctioneer per House Bill 501 Pilot Program (continued)

(Division 4) (continued)

Project 36109.80.20, Parcel R-1030AA 047A US 117 Bypass from south of NC 581 at Goldsboro to south of SR 1300

Wayne County

Conveyance of an approximate 0.71 -acre landlocked residue area to Steven Kenneth Hill for the highest offer amount of \$900.00.

Project 36109.80.20, Parcel R-1030AA 048 US 117 Bypass from south of NC 581 at Goldsboro to south of SR 1300

Wayne County

Conveyance of an approximate 0.46 -acre landlocked residue area to Steven Kenneth Hill for the highest offer amount of \$600.00.

Project 36109.80.20, Parcel R-1030AA 048A US 117 Bypass from south of NC 581 at Goldsboro to south of SR 1300

Wayne County

Conveyance of an approximate 1.44 -acre landlocked residue area to Steven Kenneth Hill for the highest offer amount of \$1,200.00.

Project 36109.80.20, Parcel R-1030BA 030 US 117 Bypass from south of SR 1002 to south of SR 1342

Wayne County

Conveyance of an approximate 0.46 -acre landlocked residue area to Clyde L Patterson for the highest offer amount of \$4,300.00.

Project 36109.80.20, Parcel R-1030BA 031 US 117 Bypass from south of SR 1002 to south of SR 1342

Wayne County

Conveyance of an approximate 0.47 -acre landlocked residue area to Richard Gephart for the highest offer amount of \$4,000.00.

Project 36109.80.20, Parcel R-1030BA 032 US 117 Bypass from south of SR 1002 to south of SR 1342

Wayne County

Conveyance of an approximate 0.44 -acre landlocked residue area to Richard Gephart for the highest offer amount of \$4,000.00.

Project 36109.80.20, Parcel R-1030BA 905 US 117 Bypass from south of SR 1002 to south of SR 1342

Wayne County

Conveyance of an approximate 0.41 -acre landlocked residue area to Richard Gephart for the highest offer amount of \$1,100.00.

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

(Division 5)

Project 36109.80.20, Parcel B-2655 011A Bridge 528 over CSX Transportation System & Norfolk Southern Corp. on SR 3008 Hillsborough Road in Raleigh Wake County

Conveyance of an approximate 0.03 -acre residue area to Timothy Warren Stephens for the highest offer amount of \$35,000.00.

Project 36109.TF, Parcel R-2000EA 929 Raleigh outer loop from approximately 850 meters west of Falls of Neuse Road to approximately 245 meters east of Gresham Lake Road Wake County

Conveyance of an approximate 0.66 –acre landlocked residue area to George Petty for the highest offer amount of \$2,800.00.

Project 36109.TF, Parcel R-2000G 005 I-540 Northern Wake Expressway from south of SR 2215 Buffaloe Road to south of SU 64E near Knightdale Wake County

Conveyance of an approximate 1.03 –acre landlocked residue area to Richard Gephart for the highest offer amount of \$14,500.00.

Project 40.1.16, Parcel R-2635B 020 Western Wake Freeway from south of US 1 to south of US 64 Wake County

Conveyance of an approximate 2.71 –acre landlocked residue area to Land of Hope II LLC for the highest offer amount of \$2,100.00.

Project 40.1.16, Parcel R-2635B 021 Western Wake Freeway from south of US 1 to south of US 64 Wake County

Conveyance of an approximate 12.03 –acre landlocked residue area to Marshal Hahn for the highest offer amount of \$22,727.27.

Project 40.1.16, Parcel R-2635B 045 Raleigh outer loop from approximately 850 meters west of Falls of Neuse Road to approximately 245 meters east of Gresham Lake Road Wake County

Conveyance of an approximate 10.76 –acre landlocked residue area to Narendra Reddy Meka for the highest offer amount of \$54,545.45.

Project 40.1.16, Parcel R-2635C 011 Western Wake Freeway from south of US 64 to south of SR 1615 Green Level West Road Wake County

Conveyance of an approximate 9.15 –acre residue area to Timothy Warren Stephens for the highest offer amount of \$170,000.00.

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

(Division 5) (continued)

Project 40.1.16, Parcel R-2635C 054 Western Wake Freeway from south of US 64 to south of SR 1615 Green Level West Road

Wake County

Conveyance of an approximate 0.74 –acre residue area to Jainix LLC for the highest offer amount of \$34,000.00.

Project 40.1.16, Parcel R-2635C 055 Western Wake Freeway from south of US 64 to south of SR 1615 Green Level West Road

Wake County

Conveyance of an approximate 4.29 –acre landlocked residue area to Srikanth Goddam for the highest offer amount of \$33,000.00.

Project 40.1.16, Parcel R-2635C 055A Western Wake Freeway from south of US 64 to south of SR 1615 Green Level West Road

Wake County

Conveyance of an approximate 12.06 –acre residue area to Jainix LLC for the highest offer amount of \$234,111.00.

Project 36109.HF, Parcel U-0604 043 Timber Drive from US 70 to New Rand Road

Wake County

Conveyance of an approximate 0.25 –acre landlocked residue area to Charles Dingee for the highest offer amount of \$1,454.56.

Project 36109.HF, Parcel U-0604 044 Timber Drive from US 70 to New Rand Road

Wake County

Conveyance of an approximate 0.29 –acre landlocked residue area to Charles Dingee for the highest offer amount of \$3,182.00.

(Division 10)

Project 36109.80.20, Parcel U-0209D 208, 209, 210 & 211 US 74 Independence Blvd from Briar Creek to Eastway Drive in Charlotte

Mecklenburg County

Conveyance of an approximate 0.49 –acre residue area to MODCLT for the highest offer amount of \$187,500.00.

(Division 12)

Project 36109.80.20, Parcel R-3100A 156 NC 16 FROM NORTH OF SR 1814 Caldwell Road to SR 1895 Tower Road

Catawba County

Conveyance of an approximate 0.51 –acre landlocked residue area to Neill Properties LLC for the highest offer amount of \$730.00.

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

(Division 12) (continued)

**Project 36109.80.20, Parcel R-0085BB 030 US 321 Relocation from approximately
1000' north of Henry Fork River to NC 127 south of Hickory
Catawba County**

Conveyance of an approximate 0.60 –acre landlocked residue area to Robert and
Angela Christopher for the highest offer amount of \$400.00.

**Project 36109.80.20, Parcel R-0085BB 039, 0139A, 046 & 047 US 321 Relocation
from approximately 1000' north of Henry Fork River to NC 127 south of Hickory
Catawba County**

Conveyance of an approximate 17.53–acre landlocked residue area to Richard R Davis
for the highest offer amount of \$3,000.00.

Approval of Conveyance of Highway Right of Way Residues

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

(Division 5)**Project 8.1351302, Parcel U-2102 098, 3742 Guess Road in Durham****Durham County**

Conveyance of an approximate 0.192-acre residue area to Ronald L. Evans, II, for the high bid amount of \$1,100.00.

Project 8.1351302, Parcel U-2102 099, 3744 Guess Road in Durham**Durham County**

Conveyance of an approximate 0.193-acre residue area to Ronald L. Evans, II, for the high bid amount of \$3,500.00.

Project 34056.2.GV2, Parcel R-2814B 028, US 401`Rolesville Bypass from SR 2225 (Louisburg Road) to NC 96 in Zebulon**Wake County**

Conveyance of an approximate 11.110-acre residue area to Carl Glenn Scarboro for the high bid amount of \$220,000.00.

(Division 7)**Project 34692.2.2, Parcel U-3615A 901, SR 1820 (Skeet Club Road), from US 311 to East of SR 1818 (Johnson Street)****Guilford County**

Conveyance of an approximate 0.459-acre residue area to Leader Investment, LLC for the high bid amount of \$135,000.00.

CONVEYANCE ROW RESIDUE**4 PROJECT(S)****\$ 359,600.00**

Approval of Conveyance of Surplus Highway Right of Way

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

(Division 7)

Project 34482.2.2, SR 1008 (West Market Street) from SR 2007 (Bunker Hill Drive) at Colfax to NC 68

Guilford County

Abandonment of an approximate 0.0188-acre permanent drainage easement area to Steven Gray for no monetary consideration.

CONVEYANCE OF PERMANENT EASEMENT

1 PROJECT(S)

\$ 0.00

Approval of Revision in Control of Access

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

(Division 3)

Project 8.1310807, Parcels R-0097B 078 and 082, US 17 near SR 1304 (Pea Landing Road NW)

Brunswick County

Grant of a revision in the existing control of access to Sunset RV, Inc. for the closure of of an approximate 99.61 foot access break on US 17 near SR 1304 (Pea Landing Road NW) in unincorporated Brunswick County for no monetary consideration.

Advance Acquisition of Highway Right of Way

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

Division 5

**Property of Michael G. Lyman, Jr. a/w Hilda
I.D. No. R-2829, Parcel #903
WBS 35517.1.2, F. A. Project N/A,
County of Wake**

**Property of 4318 Medical Park Drive, LLC, BCS Acquisition Group, LLC, JAG III, Ilc
I.D. No. U-5720A, Parcel # 900
WBS 46308.1.1, F. A. Project N/A,
County of Durham**

Division 9

**Property of Deborah Ann Morgan
I.D. No. R-2577A, Parcel #900
WBS 37405.1.2, F. A. Project N/A,
County of Forsyth**

**Property of Mary Ann Lineberry
I.D. No. U-5824, Parcel #900
WBS 44395.1.1, F. A. Project N/A,
County of Forsyth**

**Property of Walter M. Beauchamp
I.D. No. R-2247CB, Parcel 901
WBS 34409.1.1, F. A. Project N/A
County of Forsyth**

Conveyance of Residual Parcel to L. M. Blundell

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 10)

The Department acquired a residual tract from Clement Court Associates during the construction of State Highway Project 8.T671005, Mecklenburg County. The residue of the aforesaid parcel was to be conveyed to John E. Dowd, Jr., however there is no record of this conveyance in the Mecklenburg County Registry and Mecklenburg County still shows the Department as the property owner. Mr. Dowd has conveyed the property adjacent to the residue, property Mr. Dowd purchased from Susan Mason Porter, to L. M. Blundell and Mr. Blundell has requested information on the conveyance of the residual parcel to Mr. Dowd. Since there is no record of the conveyance in the Mecklenburg County Registry and Mr. Dowd is no longer in the area, the Department is seeking authority Quitclaim the residual tract to Mr. Blundell. This is also to request authority for Manager of Right of Way to execute appropriate instrument.

APPROVAL OF CONVEYANCE OF RESIDUAL PARCEL	1 PROJECT(S)	\$ 0.00
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R-ITEM SUMMARY	60 PROJECT(S)	TOTAL: \$ 1,189,775.28
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**NORTH CAROLINA BOARD OF TRANSPORTATION
RECOMMENDED ALLOCATION OF HIGHWAY MAINTENANCE APPROPRIATIONS
FISCAL YEAR 2018 - 2019**

On June 28, 2018, the Board of Transportation approved an allocation of Maintenance funds totaling \$1,394,754,176 in accordance with Session Law 2018-5. An additional \$5,601,750 in General Maintenance Reserve funds is now available due to Legislative and Retirement Rate adjustments.

The staff recommends allocating the additional \$5,601,750 now available to Research and Development for Asset Inventory Collection as detailed in the table below.

<u>SCHEDULE I – GENERAL MAINTENANCE RESERVE</u>	<u>ORIGINAL ALLOCATION</u>	<u>SUPPLEMENTAL ALLOCATION</u>	<u>TOTAL ALLOCATION</u>
Road and Bridge Maintenance	205,068,966		205,068,966
Asset Maintenance and Operation	7,125,000		7,125,000
Emergency	98,300,000		98,300,000
Research and Development	5,636,568	5,601,750	14,738,318
State and Federal Obligation	7,235,000		7,235,000
<i>Subtotal</i>	\$323,365,534	\$5,601,750	\$332,467,284
<u>SCHEDULE II - ROADSIDE ENVIRONMENTAL</u>			
Division Distribution	96,547,157		96,547,157
Asset Maintenance and Operation	4,495,000		4,495,000
Research and Development	86,496		86,496
State and Federal Obligation	200,000		200,000
<i>Subtotal</i>	\$101,328,653	\$0	\$101,328,653
<u>SCHEDULE III – CONTRACT RESURFACING</u>			
Division Distribution	506,670,421		506,670,421
Asset Maintenance and Operation	500,000		500,000
<i>Subtotal</i>	\$507,170,421	\$0	\$507,170,421
<u>SCHEDULE IV – PAVEMENT PRESERVATION</u>	\$97,827,375	\$0	\$97,827,375
<u>SCHEDULE V – BRIDGE PROGRAM</u>	\$282,733,541	\$0	\$282,733,541
<u>SCHEDULE VI – BRIDGE PRESERVATION</u>	\$82,328,652	\$0	\$82,328,652
<i>Grand Total</i>	\$1,394,754,176	\$5,601,750	\$1,400,355,926

Item S Summary: 1 Action totaling \$5,601,750

July 12, 2018

MEMORANDUM TO: Board of Transportation

FROM: Transportation Planning Division

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

The Transportation Planning Division has worked cooperatively with Lenoir County on the development of a Comprehensive Transportation Plan (CTP). The plan was adopted by Lenoir County on July 16, 2018, the City of Kinston on June 4, 2018, the Town of La Grange on June 4, 2018, and the Town of Pink Hill on June 25, 2018. It was endorsed by the Eastern Carolina RPO on July 19, 2018.

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

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

The Transportation Planning Division recommends the mutual adoption of the Lenoir County Comprehensive Transportation Plan as shown on the attached map, with a recommendation date of July 20, 2018.

Sincerely,

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

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

Attachment

August 2, 2018

Adopted by:

City of Kinston
Date: June 4, 2018

Town of La Grange
Date: June 4, 2018

Town of Pink Hill
Date: June 25, 2018

Lenoir County
Date: July 16, 2018

NCDOT
Date:

Endorsed by:

Eastern Carolina RPO
Date: July 19, 2018

Recommended by:

Transportation Planning Division
Date: July 20, 2018

NOTES:

Sheet 1 Adoption Sheet

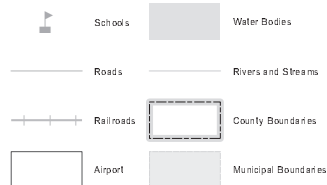
Sheet 2 Highway Map

Sheet 3 Public Transportation
and Rail Map

Sheet 4 Bicycle Map

Sheet 5 Pedestrian Map

Legend



0 1 2 4 Miles



Sheet 1 of 5

Base map date: May 2016

Refer to CTP document for more details



Lenoir County

County Name
North Carolina

RECOMMENDED
Comprehensive
Transportation Plan
Plan date: March 7, 2018

NORTH CAROLINA BOARD OF TRANSPORTATION

There will be no Item V submitted to the Board for approval at the August 1-2, 2018, Board meeting.



NORTH CAROLINA Department of Transportation



Financial Update

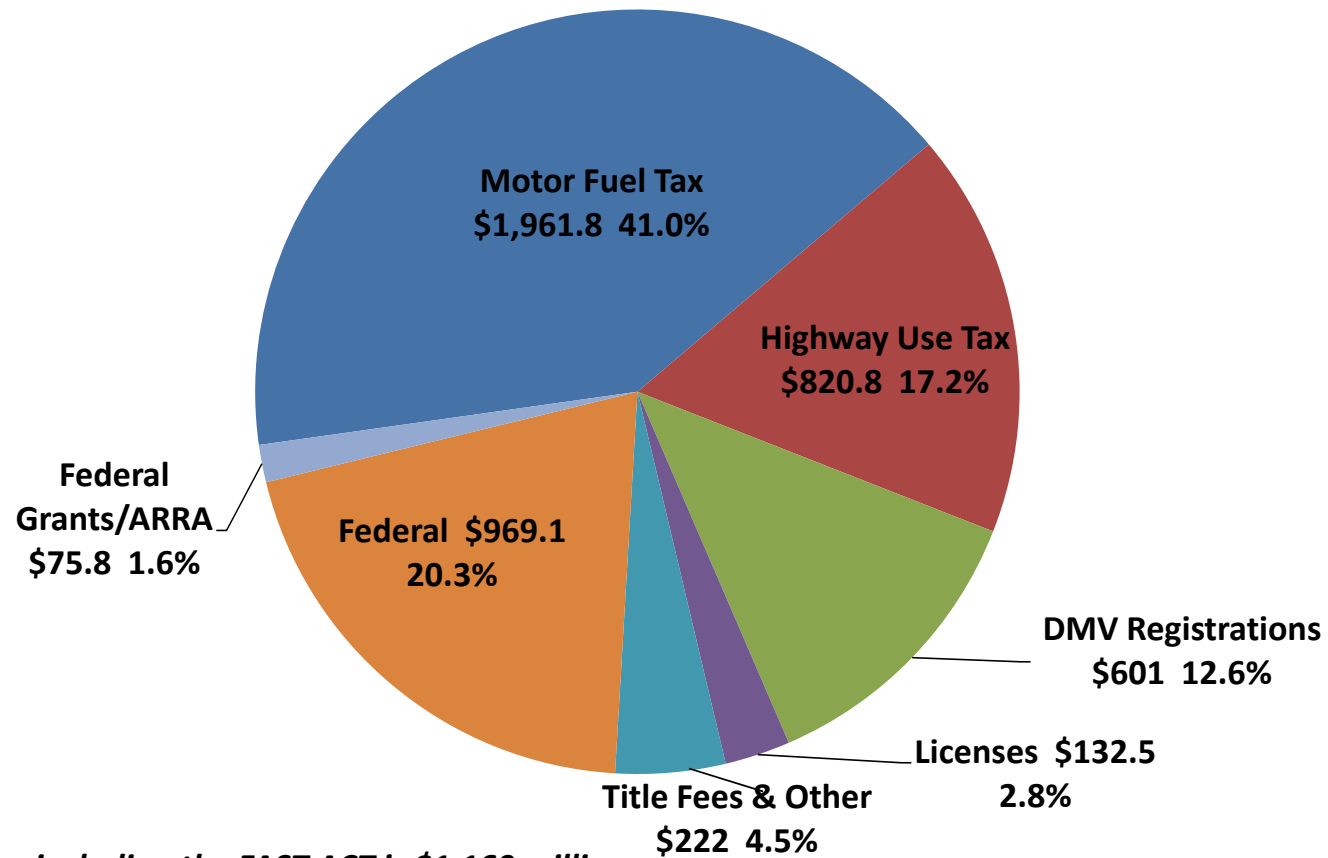
As of June 2018

Evan Rodewald, Chief Financial Officer

August 1, 2018

NCDOT Revenue Sources SFY2018 - \$4.8 Billion

(Excludes Receipt Supported Funding of \$0.1B)

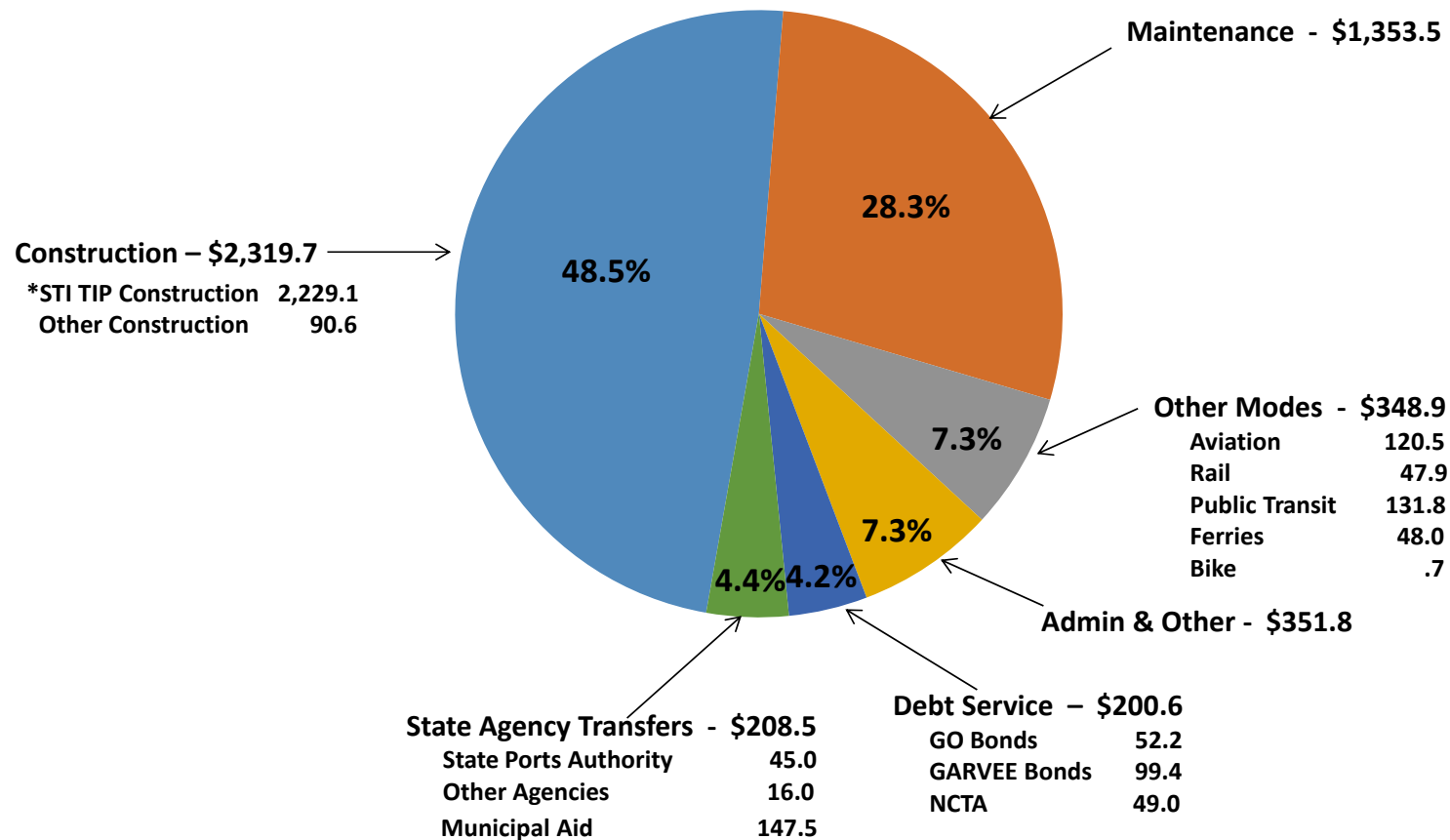


**Estimated Federal Revenue including the FAST ACT is \$1,160 million*

Uses of 2017-18 NCDOT Appropriations

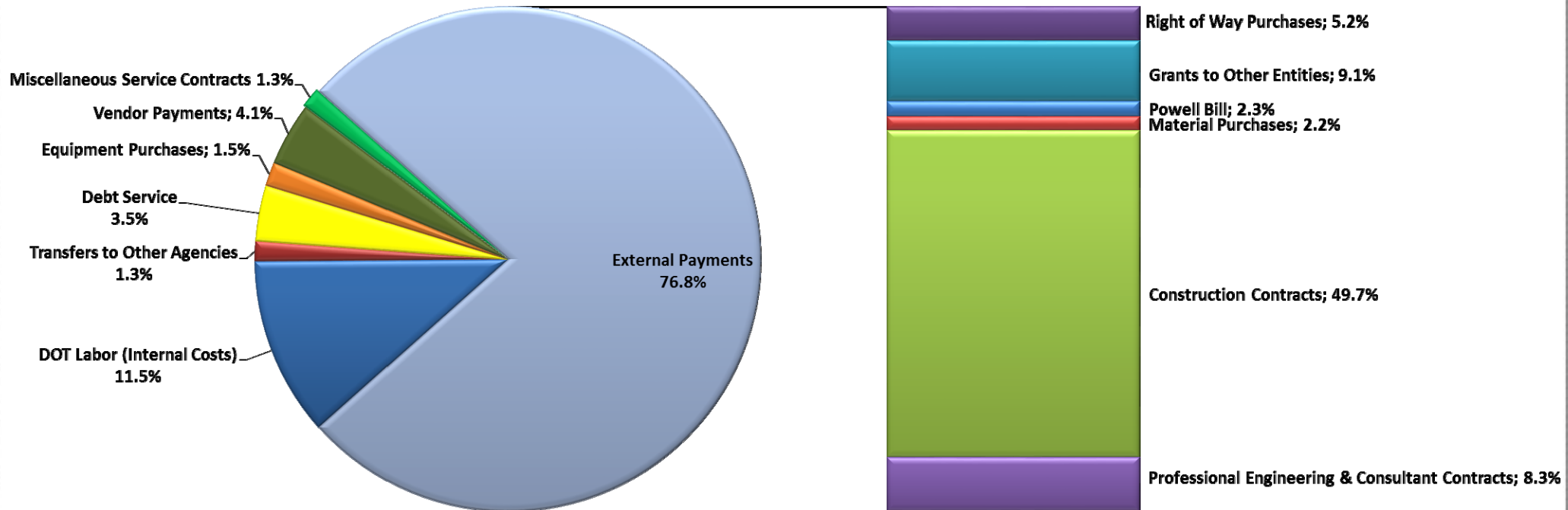
Total Funding = \$4.8 Billion

(Excludes Receipt Supported Funding of \$0.1B)



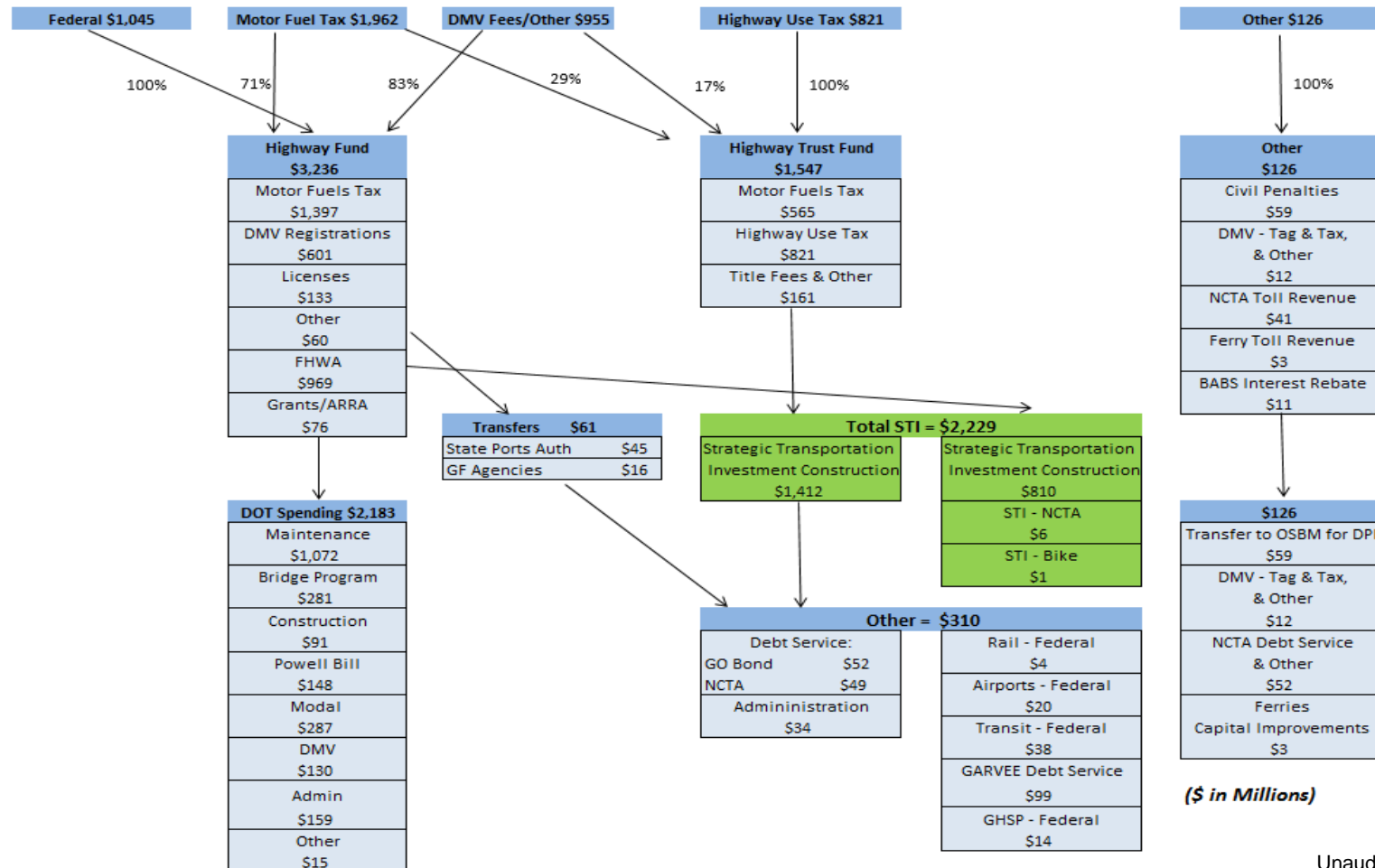
(\$ in millions)

NCDOT Expenditures SFY2018 as of June 30, 2018



SFY2018 NCDOT Sources and Uses

Total Funding = \$4.9 Billion



Revenue Summary June 2018

(\$ in Millions)

	June 2018	June 2017	Year Over Year				SFY Budget	
			2017-2018 Actual	2016-2017 Actual	\$ Δ	% Δ	Annual Budget	% Δ
State & Federal Collections:								
Highway Fund *	\$ 200.8	\$ 187.3	\$ 2,178.3	\$ 2,132.1	\$ 46.3	2%	2,191.0	-1%
Highway Trust Fund *	144.2	138.1	1,532.9	1,497.5	35.4	2%	1,547.1	-1%
Total State Funds	345.0	325.4	3,711.2	3,629.6	81.6	2%	\$ 3,738.1	-1%
Federal Funds/Participation **	149.1	207.4	1,231.3	1,269.0	(37.6)	-3%	1,044.9	18%
GARVEE Reimbursement/NCTA	14.2	26.9	294.5	650.2	(355.7)	-	N/A	N/A
Total	\$ 508.4	\$ 559.7	\$ 5,237.1	\$ 5,548.8	\$ (311.7)	-6%	\$ 4,783.0	9%
	June 2018	June 2017	Year Over Year				SFY Budget	
			2017-2018 Actual	2016-2017 Actual	\$ Δ	% Δ	Annual Budget	% Δ
* Memo								
Highway Fund & Trust Fund Details								
Motor Fuel Taxes	\$ 186.5	\$ 170.3	\$ 1,979.4	\$ 1,913.7	\$ 65.7	3%	\$ 1,961.8	1%
Highway Use Tax	75.3	73.1	797.1	784.0	13.1	2%	820.8	-3%
DMV/Other Revenue	78.9	77.9	904.7	908.5	(3.7)	0%	939.8	-4%
Investment Income	4.4	4.1	30.0	23.5	6.5		15.6	N/A
Total	\$ 345.0	\$ 325.4	\$ 3,711.2	\$ 3,629.6	\$ 81.6	2%	\$ 3,738.1	-1%

**Estimated Federal Revenue including the FAST ACT is \$1,160 million

Expenditure Summary June 2018

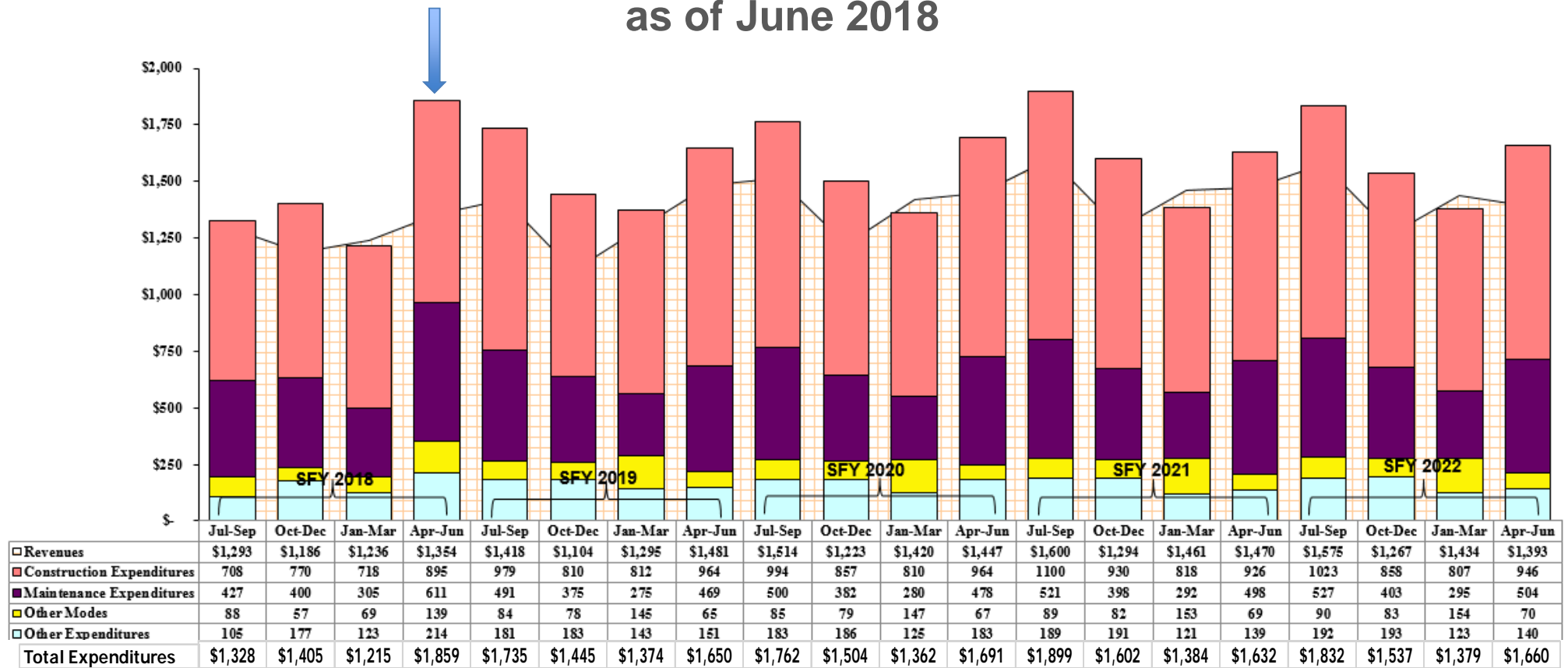
(\$ in millions)

			Year Over Year				SFY Annual Budget	
	June-18	June-17	2017-2018 Actual	2016-2017 Actual	\$ Δ	% Δ	2017-2018 Budget	% Δ
State & Federal Funded Programs:								
Construction	\$ 352.9	\$ 262.3	\$ 2,897.4	\$ 2,351.1	\$ 546.4	23%	\$ 2,319.7	25%
Maintenance	234.2	138.2	1,691.0	1,322.5	368.5	28%	1,353.5	25%
Public Transportation	7.6	4.8	120.7	113.6	7.1	6%	131.8	-8%
Other Modal/Other Programs	25.0	29.7	229.1	164.3	64.8	39%	246.2	-7%
Administration	114.5	94.0	284.8	272.7	12.1	NA	322.7	-12%
Municipal Aid	-	-	147.7	147.2	0.5	0%	147.5	0%
Transfers to Other Agencies	2.8	3.8	59.4	45.6	13.9	NA	61.0	-3%
Total Expenditures	\$ 737.1	\$ 532.8	\$ 5,430.2	\$ 4,417.0	\$ 1,013.2	23%	\$ 4,582.4	19%
GARVEE/NCTA/Special Initiatives	\$ 14.9	\$ 44.1	\$ 582.4	\$ 868.8	\$ (286.4)		200.6	
Total	\$ 752.1	\$ 576.9	\$ 6,012.6	\$ 5,285.8	\$ 726.8		4,783.0	

Revenue and Expenditure Variances Versus Budget Through June 2018

EXPENDITURES		
State & Federal Funded		
Programs:	Variance >5%	Reason for Variance
Construction	25%	Construction expenditures are more than budget due to project acceleration efforts
Maintenance	25%	Maintenance expenditures are more than budget due to an increased number of contracts
Public Transportation	<8%>	Public transportation expenditures are down due to delays in the Charlotte Light Rail billing
Other Modal/Other Programs	<7%>	Ferry expenditures are down due to funding committed but not yet spent for replacement of MV Kinnakeet and for Shipyard Platen / Southport Ramp & Gantry / Fort Fisher Ramp & Gantry: Improvements
Administration	<12%>	Admin is down due to the IT carryforward. FY17 IT carryforward was \$67.8M.

60 Month Revenue & Expenditure Projections as of June 2018



Financial Update

SFYTD 2018 as compared SFYTD 2017

Dollars in Millions	Month over Month		Year to Date		
	June '18	June '17	June '18	June '17	\$ Change
Collections	\$ 508	\$ 560	\$ 5,237	\$ 5,549	\$ (312)
Expenditures	<u>752</u>	<u>577</u>	<u>6,013</u>	<u>5,286</u>	<u>727</u>
Net Change	\$ (244)	\$ (17)	\$ (776)	\$ 263	\$ (1,039)
Cash Balances:			June '18	June '17	
Highway Trust Fund			\$ 1,361	\$ 1,747	
Highway Fund*			<u>32</u>	<u>348</u>	
Totals			<u>\$ 1,393</u>	<u>\$ 2,095</u>	

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



NORTH CAROLINA
Department of Transportation



HBCU OUTREACH INITIATIVE

Strategic Plan Overview and HBCU Summer Intern Program Updates

August 1, 2018

THE HBCU OUTREACH INITIATIVE

The North Carolina Department of Transportation (NCDOT) has a focus on the state's Historically Black Colleges and Universities (HBCUs) and Minority Serving Institutions (MSIs), with a goal of supporting the long-term success of the institutions and their students. The HBCU Outreach Initiative leverages a strategic plan to outline its priorities and how the organization will achieve them.

The NCDOT HBCU Outreach Initiative was created to provide opportunities and pathways for universities to grow and sustain through innovative solutions for the industry and preparation of students for transportation sector careers.



HBCU QUICK FACTS

- Historically Black College and University (HBCU).
- In the Higher Education Act of 1965, Congress officially defined an HBCU as a school of higher learning that was accredited and established before 1964, and whose principal mission was the education of African Americans.
- HBCUs are open to students of any race or ethnic background. An average of one in four HBCU students is from a race different from the one the school was intended to serve, with Asians and Latino students the fastest growing demographics.
- The first HBCU owned and operated by African Americans was Wilberforce University in Ohio, which was founded in 1856. It was named for William Wilberforce, an abolitionist. This school is still in operation.



HBCU QUICK FACTS

- There are currently 101 HBCUs around the country.
- More than 20% of African-American college graduates receive their degree from HBCUs.

HBCUs generate \$14.8 billion in total economic impact for their local and regional economies.

- HBCUs generate 134,090 jobs for their local and regional economies. Of this total, 57,868 are on-campus jobs, and 76,222 are off-campus jobs.
- North Carolina is the home of 10 accredited four-year HBCUs. The most of any state in the country.



HBCU QUICK FACTS

- North Carolina has 5 public and 5 private HBCUs.
- Shaw University is the oldest HBCU in the Southern United States. It was founded in 1865.
- North Carolina A&T is the largest HBCU in the country with 12,000 enrolled students.
- Graduates from Spelman and Bennett (NC) Colleges contribute to over half of the nation's African American women who earn doctorates in all science fields.
- Current President of St. Augustine's University, Everett Ward, previously served as the NCDOT HBCU Outreach Director.



THE HBCU OUTREACH INITIATIVE STRATEGIC PLAN FRAMEWORK

MISSION: To create inclusion and opportunities for HBCUs/MSIs in the transportation industry.

VISION: Expand and diversify the transportation industry through the power of inclusion, and by strengthening the sustainable impact of North Carolina's Historically Black Colleges and Universities.

PURPOSE

INFORM

PREPARE

CONNECT

WORK

SUSTAIN

STRATEGIC PRIORITIES

Expand Diversity in the Transportation Industry Through Employment and Contracting

Value and Promote a Culture of Diversity and Inclusion at NCDOT

Establish Strategic Alliances and Advocacy Efforts

Strengthen the Sustainability of North Carolina's HBCUs/MSIs

Connect HBCUs and Minorities with Emerging Trends in Transportation

OPPORTUNITY

This framework supports the NCDOT Strategic Plan's workforce development and HR effort.

STRATEGIC PRIORITIES

MISSION

To create inclusion and opportunities for HBCUs/ MSIs in the transportation industry.

VISION

Expand and diversify the transportation industry through the power of inclusion, and by strengthening the sustainable impact of North Carolina's Historically Black Colleges and Universities.

STRATEGIC PRIORITIES

- 1** | Expand Diversity in the Transportation Industry Through Employment and Contracting
- 2** | Value and Promote a Culture of Diversity and Inclusion at NCDOT
- 3** | Establish Strategic Alliances and Advocacy Efforts
- 4** | Strengthen the Sustainability of North Carolina's HBCUs/ MSIs
- 5** | Connect HBCUs and Minorities with Emerging Trends in Transportation

HBCU SUMMER INTERN PROGRAM UPDATES



ORIENTATION AND SOFT SKILLS TRAINING

HBCU SUMMER INTERN PROGRAM UPDATES



AVIATION DIVISION VISIT

HBCU SUMMER INTERN PROGRAM UPDATES



INTERN ASSIGNMENTS ACROSS NCDOT

HBCU SUMMER INTERN PROGRAM UPDATES



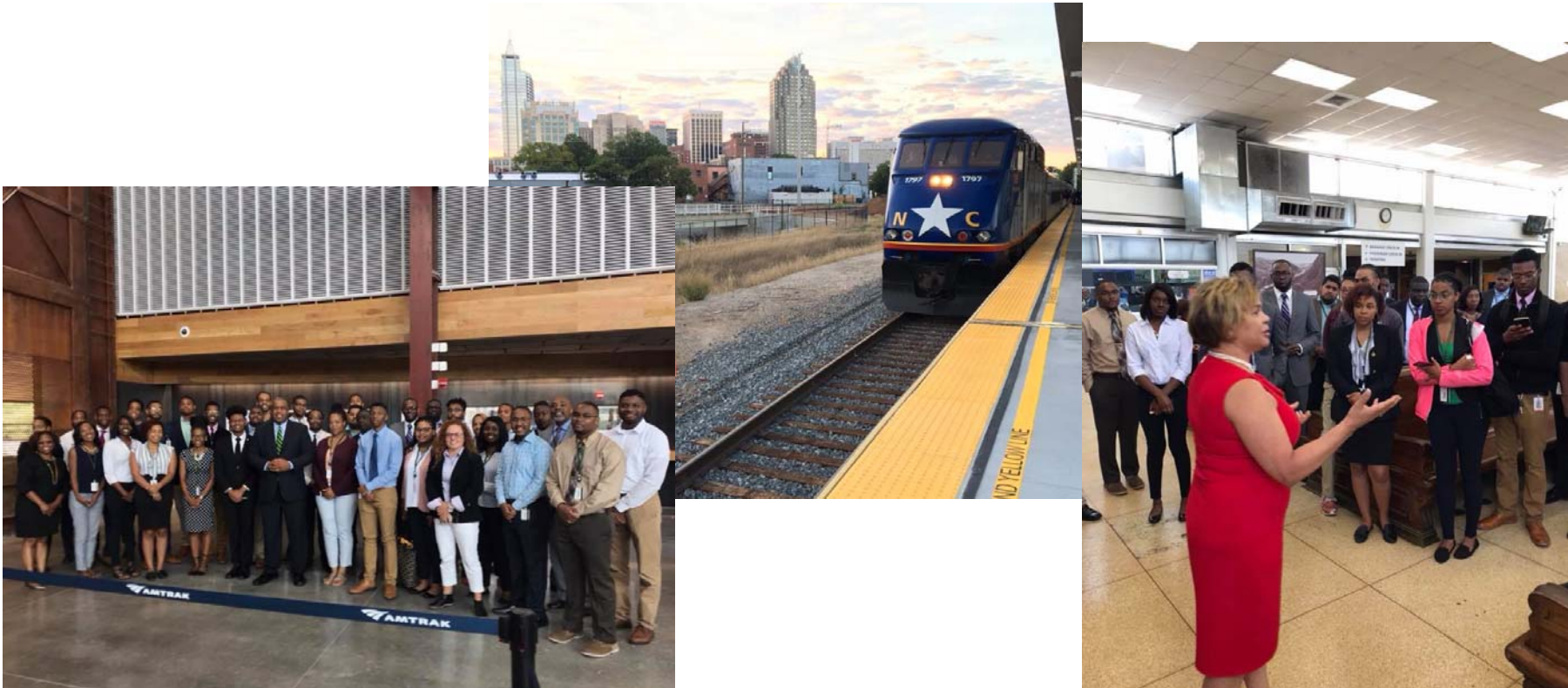
FERRY DIVISION VISIT

HBCU SUMMER INTERN PROGRAM UPDATES



NC LEGISLATIVE BLACK CAUCUS FOUNDATION SCHOLARSHIP BANQUET

HBCU SUMMER INTERN PROGRAM UPDATES



MULTI-MODAL TWO-DAY IMMERSION

HBCU SUMMER INTERN PROGRAM UPDATES



MULTI-MODAL TWO-DAY IMMERSION

HBCU SUMMER INTERN PROGRAM UPDATES



MULTI-MODAL TWO-DAY IMMERSION

HBCU SUMMER INTERN PROGRAM UPDATES



MULTI-MODAL TWO-DAY IMMERSION

HBCU SUMMER INTERN PROGRAM UPDATES



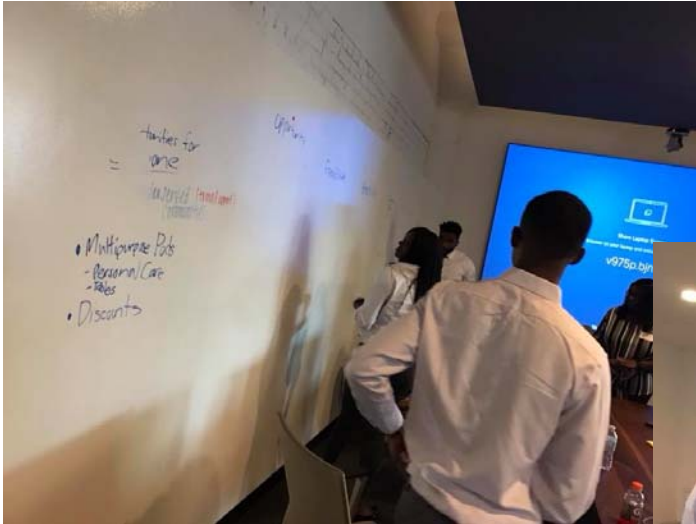
MULTI-MODAL TWO-DAY IMMERSION

HBCU SUMMER INTERN PROGRAM UPDATES



VIRGIN HYPERLOOP ONE VISIT

HBCU SUMMER INTERN PROGRAM UPDATES



VIRGIN HYPERLOOP ONE VISIT

HBCU SUMMER INTERN PROGRAM UPDATES

Kayla Dunston, Junior, North Carolina A&T University:

"The North Carolina Department of Transportation HBCU Summer Intern Program has been a great opportunity to help me as a young person expand my brand and gain more opportunities to learn. I have been exposed to history-making opportunities, and I would definitely suggest the DOT to graduates to work and for future students to become interns."

Alston Devega, Senior, Saint Augustine's University:

"Interning with the License and Theft Bureau, through the NCDOT, has been an eye-opening experience. I have had the opportunity to network with some amazing individuals, learn from experienced personnel, and gain new tools to take back to Saint Augustine's University for the next academic year. I am very grateful I got the opportunity to be a part of this adventure."

SUMMER 2018 CO-HORT COMMENTS

HBCU SUMMER INTERN PROGRAM UPDATES

Mykol Branch, Senior, North Carolina Central University:

"So far my NCDOT intern experience has been wonderful. The people at NCDOT try to help you as much as possible to achieve the success you aspire to have. Never have I ever gained so much knowledge in a short amount of time."

Teon Parker, Senior, North Carolina A&T University:

"As a returning intern for the NCDOT, the program continues to expand and offer increasingly helpful and life-changing opportunities that prepare me for the professional world. From the hands-on experience to the professional development sessions and the training sessions being offered to us, I could not ask for a more enriching experience."

SUMMER 2018 CO-HORT COMMENTS

NEXT STEPS

1. Begin implementation with HBCU Advisory Committee, stakeholders and NCDOT partners
 - Market and promote new NC Transportation Fellows Scholarship Program
 - Finalize contracts to begin work on assessment of NC HBCU's/MSI to engage in transportation research
2. Advocate and promote the work
3. Prepare board and governor to be champions of the work





North Carolina Department of Transportation
Transportation Program Management Unit - Value Management
Innovative Technologies and Products Awareness Report
August 2, 2018

PRODUCT HIGHLIGHT – Centri-Cast Pipe Repair

Five Star Centri-Cast® Pipe Repair Mortar is a high-performance, fiber-reinforced repair mortar that provides a structural repair by creating a new, continuous, cementitious pipe within an existing pipe culvert. The Centri-Cast process will seal, rehabilitate, and protect the pipe from corrosion with little to no disturbance of the surrounding area. It is capable of repairing pipes with a diameter as little as 30 inches. To prepare the pipe for application, the interior must be cleared of debris and oxidation with high-pressure water blasting. Water flow must be diverted and standing water must be removed from the pipe. Then, the repair mortar is applied using centrifugal force by rapidly spinning the mortar spout in a circle applying a ¾ to 1 inch layer of mortar to the inside wall of the corrugated metal or reinforced concrete pipe. This is done across the entire length of the pipe. The pipe should be ready for use after allowing the mortar to set overnight.

The major advantage of the Centri-Cast Pipe Repair is that it provides a way of rehabilitating an existing pipe without having to remove and replace it. This is useful in areas with significant traffic, poor detour routes, dead-end roads, utility conflicts, and pipes at a significant depth. Division 10 has used this process at four locations to date. They have found that the process results in an increased flow capacity of the deteriorated pipe. However, there is minimal loss in flow compared to the original pipe due to the decreased diameter. This is being used in other projects in NC including Division 7, who has let a contract for bid using this process. The product is Approved and listed on the Approved Product List as NP13-6595.

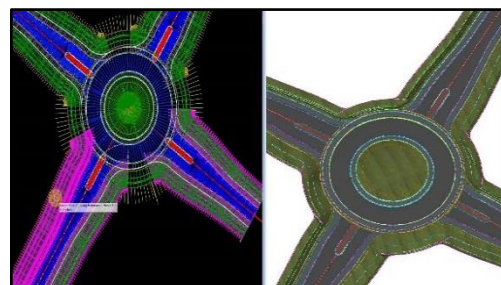


Centri-Cast Pipe Repair Mortar being applied.

More information can be found at <http://www.fivestarprouducts.com/centri-cast.html>.

PRODUCT INNOVATION – OpenRoads Designer Application

OpenRoads Designer (ORD) is a construction-driven design application created by Bentley Systems, Inc. that focuses on detailed design capabilities and expedited project delivery. The purpose of ORD is to provide a new kind of 3-D modeling environment that allows for easy access and coordination between different design units of an organization. As opposed to 2-D modeling, the 3-D modeling approach provides a more accurate design of the project that enables better design scenario visualization. This allows for visibility and analysis of different design outcomes such as drainage, grading, surveying, and subsurface utilities. This capability allows the designers to see where conflicts may arise between the existing terrain and the planned project. ORD can upload, analyze, and manipulate field data from sources such as photogrammetry and GPS LiDAR to make these 3-D models.



3-D Roundabout Design

Through the use of this technology, different units within DOT would be able to more efficiently coordinate to prevent conflicts and time wasted on unnecessary plan revisions. ORD was released through early-access on December 1, 2016 and is currently only being used by private engineering firms. However, many state DOTs, including NCDOT, are transitioning to using this new software. NCDOT is the frontrunners of state DOTs in migrating to the OpenRoads Designer system. For more information about OpenRoads Designer and Bentley Systems, Inc. visit: <https://www.bentley.com/en/products/product-line/civil-design-software/openroads-designer>.

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

Additions to the Transit 2018-2027 STIP

STIP #	TRANSIT PARTNER	DESCRIPTION	MATCH	FUND	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)	FY22 (000)	FY23 (000)	FY24 (000)	FY25 (000)	FY26 (000)	FY27 (000)
TG-5261	Western Piedmont Regional Transit Authority	Preventive Maintenance	FUZ	STBGDA		334								
			L	Local		83								
TA-6707	Western Piedmont Regional Transit Authority	Replacement Van	FUZ	5307		336	336	336	336	336	336	336		
			L	Local		84	84	84	84	84	84	84		
TA-6708	Western Piedmont Regional Transit Authority	Replacement Bus	FUZ	5307		360	720	360	360					
			L	Local		90	90	90	90					
TA-6709	Western Piedmont Regional Transit Authority	Replacement Bus Light Transit Vehicle	FUZ	5307		448	448	448	448	448	448	448		
			L	Local		112	112	112	112	112	112	112		
TG-6798	Western Piedmont Regional Transit Authority	Mobility Manager	FUZ	5307		126	126	126	126	126	126	126		
			L	Local		32	32	32	32	32	32	32		
TG-6799	Western Piedmont Regional Transit Authority	Preventive Maintenance	FUZ	5307		400	400	400	480	480	480	480		

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.

			L	Local		100	100	100	120	120	120	120		
TG-6800	Western Piedmont Regional Transit Authority	Routine Capital - Bus Stop Shelters, Benches, Shop Equipment, Spare Parts, Engines, Farebox, Service Vehicles, Computer Hardware and Software, AVL Software, etc.	FUZ	5307		120	120	120	200	200	200	200		
			L	Local		30	30	30	40	40	40	40		
TO-6162	Western Piedmont Regional Transit Authority	Operating Assistance	FUZ	5307		1500	1500	1500	1600	1600	1700	1700		
			L	Local		1500	1500	1500	1600	1600	1700	1700		
TG-6801	Western Piedmont Regional Transit Authority	Operating Assistance - ADA Paratransit	FUZ	5307		160	160	160	180	180	200	200		
			L	Local		40	40	40	45	45	50	50		
TS-7002	Western Piedmont Regional Transit Authority	Safety and Security	FUZ	5307		24	24	24	26	26	28	28		
			Local	L		6	6	6	7	7	8	8		
TP-5157	Western Piedmont Regional Transit Authority	Planning Assistance	FUZ	5307		40	48	48	48	56	56	56		
			L	Local		10	12	12	12	14	14	14		

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

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Administrative Modifications

STIP #	TRANSIT PARTNER	DESCRIPTION	MATCH	FUND	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)	FY22 (000)	FY23 (000)	FY24 (000)	FY25 (000)	FY26 (000)	FY27 (000)
TC-5101	Western Piedmont Regional Transit Authority	Mobility Manager	FUZ	5307		128								
			L	Local		31								
TQ-7008	Western Piedmont Regional Transit Authority	Program Administration	FEDP	5310		23								
TG-6797	Western Piedmont Regional Transit Authority	Preventive Maintenance	FUZ	STBGDA		334								
			L	Local		83								

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

REVISIONS TO THE 2018-2027 STIP
HIGHWAY PROGRAM
STIP ADDITIONS

DIVISION 13

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

STIP MODIFICATIONS

DIVISION 1

* R-4705	SR 1142 (PRISON CAMP ROAD), NC 903 TO SR 1182	RIGHT-OF-WAY	FY 2019 -	\$5,465,000	(STBG)
MARTIN	(EAST COLLEGE ROAD). UPGRADE FACILITY.	UTILITIES	FY 2019 -	\$1,575,000	(STBG)
PROJ.CATEGORY	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25%</u>	CONSTRUCTION	FY 2021 -	\$8,933,000	(STBG)
DIVISION	<u>THRESHOLDS.</u>		FY 2022 -	\$8,933,000	(STBG)
			FY 2023 -	\$8,934,000	(STBG)
				\$33,840,000	

R-5717A	SR 1224 (OLD SWAMP ROAD), 0.15 SOUTH OF SR 1225	CONSTRUCTION	FY 2019	\$600,000	(T)
CAMDEN	(LILY ROAD) TO 0.25 MILES NORTH OF SR 1225 (LILY			\$600,000	
PROJ.CATEGORY	ROAD).				
DIVISION	<u>PROJECT SEGMENT ADDED AT REQUEST OF</u>				
	<u>DIVISION. CONSTRUCTION ACCELERATED FROM FY</u>				
	<u>21 TO FY 19.</u>				

DIVISION 2

R-4463A	NC 43 CONNECTOR, US 17 TO SOUTH OF US 70.	RIGHT-OF-WAY	FY 2019 -	\$1,225,000	(T)
CRAVEN	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>	UTILITIES	FY 2019 -	\$500,000	(T)
PROJ.CATEGORY	<u>DESIGN DELAY RIGHT-OF-WAY FROM FY 18 TO FY 19.</u>	CONSTRUCTION	FY 2019 -	\$3,000,000	(T)
REGIONAL			FY 2020 -	\$3,000,000	(T)
				\$7,725,000	

* U-5606	SR 1598 (DICKINSON AVENUE), NC 11 TO READE	CONSTRUCTION	FY 2019 -	\$8,500,000	(STBG)
PITT	CIRCLE. IMPROVE ROADWAY.			\$8,500,000	
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>				
DIVISION	<u>DESIGN DELAY CONSTRUCTION FROM FY 18 TO FY 19.</u>				

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* INDICATES FEDERAL AMENDMENT

Thursday, August 02, 2018

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

DIVISION 2

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

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

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

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

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

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Thursday, August 02, 2018

REVISIONS TO THE 2018-2027 STIP
HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 3

AV-5823 SAMPSON PROJ.CATEGORY DIVISION	CLINTON SAMPSON COUNTY AIRPORT (CTZ), OVERLAY RUNWAY TO ACCOMMODATE LARGER AIRCRAFT. <u>ACCELERATE RIGHT-OF-WAY FROM FY 24 TO FY 20.</u>	CONSTRUCTION	FY 2020 -	\$1,904,000 (T)
				\$1,904,000

U-4007E ON SLOW PROJ.CATEGORY STATEWIDE	US 17, US 17 AT NC 53 (WESTERN BOULEVARD) AND SR 1406 (PINEY GREEN ROAD). UPGRADE INTERSECTIONS. <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - FY 2021 -	\$270,000 (T) \$7,200,000 (T)
				\$7,470,000

DIVISION 4

R-3822 HALIFAX PROJ.CATEGORY DIVISION	NEW ROUTE, NC 125 TO SOUTH OF US 158. CONSTRUCT THREE LANE FACILITY ON NEW LOCATION. <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2018 - FY 2018 - FY 2019 - FY 2020 - FY 2021 -	\$1,375,000 (T) \$147,000 (T) \$4,866,000 (T) \$4,867,000 (T) \$4,867,000 (T)
				\$16,122,000

R-5718 JOHNSTON PROJ.CATEGORY DIVISION	SR 1003 (BUFFALO ROAD), US 70 TO SR 1934 (OLD BEULAH ROAD). WIDEN TO THREE LANES. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN DELAY CONSTRUCTION FROM FY 19 TO FY 21.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2019 - FY 2019 - FY 2021 - FY 2022 - FY 2023 -	\$560,000 (T) \$67,000 (T) \$2,204,000 (T) \$2,204,000 (T) \$2,204,000 (T)
				\$7,239,000

U-5724 WAYNE PROJ.CATEGORY REGIONAL	US 13 (BERKELEY BOULEVARD, REALIGNMENT OF SR 1709 (CENTRAL HEIGHTS ROAD) AT BERKELEY BOULEVARD IN GOLDSBORO. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN DELAY RIGHT-OF-WAY FROM FY 18 TO FY 19.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - FY 2021 -	\$270,000 (T) \$1,125,000 (T)
				\$1,395,000

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REVISIONS TO THE 2018-2027 STIP
HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 4

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

DIVISION 5

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

U-6093	SR 2542 (ROCK QUARRY ROAD), OLDE BIRCH ROAD TO	ENGINEERING	FY 2018 -	\$861,000	(STBGDA)
WAKE	SR 2544 (SUNNYBROOK ROAD) IN RALEIGH. WIDEN TO		FY 2018 -	\$369,000	(L)
PROJ.CATEGORY	4-LANE DIVIDED FACILITY.	RIGHT-OF-WAY	FY 2019 -	\$1,324,000	(STBGDA)
DIVISION	<u>TO REFLECT CITY DELIVERY SCHEDULE DELAY RIGHT-OF-WAY AND CONSTRUCTION FROM FY 18 TO FY 19.</u>		FY 2019 -	\$567,000	(L)
		CONSTRUCTION	FY 2019 -	\$7,743,000	(STBGDA)
			FY 2019 -	\$3,319,000	(L)
				\$14,183,000	

DIVISION 6

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

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

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Thursday, August 02, 2018

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

DIVISION 6

* U-2519BB	I-295, SOUTH OF SR 1104 (STRICKLAND BRIDGE ROAD)	CONSTRUCTION	FY 2019 -	\$10,567,000	(NHP)
CUMBERLAND	TO SOUTH OF US 401.		FY 2020 -	\$10,567,000	(NHP)
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>		FY 2021 -	\$10,567,000	(NHP)
REGIONAL	<u>DESIGN DELAY CONSTRUCTION FROM FY 18 TO FY 19.</u>			\$31,701,000	

U-5797	SR 1997 (FAYETTEVILLE ROAD), FARRINGTON STREET	RIGHT-OF-WAY	FY 2020 -	\$3,502,000	(T)
ROBESON	TO EAST 22ND STREET. WIDEN TO MULTI-LANES.		FY 2021 -	\$3,501,000	(T)
PROJ.CATEGORY	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25%</u>	UTILITIES	FY 2020 -	\$420,000	(T)
DIVISION	<u>THRESHOLDS.</u>		FY 2021 -	\$420,000	(T)
		CONSTRUCTION	FY 2022 -	\$5,066,000	(T)
			FY 2023 -	\$5,067,000	(T)
			FY 2024 -	\$5,067,000	(T)
				\$23,043,000	

DIVISION 7

* AV-5737	BURLINGTON- ALAMANCE REGIONAL AIRPORT (BUY),	RIGHT-OF-WAY	FY 2019 -	\$1,080,000	(T)
ALAMANCE	OBTAIN NAVIGATION EASEMENTS AND CLEAR		FY 2019 -	\$120,000	(L)
PROJ.CATEGORY	OBSTRUCTIONS IN THE RUNWAY 24 APPROACH.			\$1,200,000	
DIVISION	<u>ADD RIGHT-OF-WAY IN 19 NOT PREVIOUSLY</u>				
	<u>PROGRAMMED (DELAY FROM 16-25 STIP) AT</u>				
	<u>REQUEST OF AVIATION DIVISION.</u>				

AV-5852	ROCKINGHAM COUNTY AIRPORT (SIF), EXTEND	CONSTRUCTION	FY 2019 -	\$1,872,000	(T)
ROCKINGHAM	RUNWAY TO 5500 FT.			\$1,872,000	
PROJ.CATEGORY	<u>ACCELERATE CONSTRUCTION FROM FY 21 TO FY 19</u>				
DIVISION	<u>TO COMBINE CONTRACT BIDS FOR RUNWAY</u>				
	<u>EXTENSION AND REHABILITATION, AT REQUEST OF</u>				
	<u>AVIATION DIVISION.</u>				

B-4958	SR 2128 (BUNCH ROAD), REPLACE BRIDGE 400106	CONSTRUCTION	FY 2019 -	\$1,700,000	(STBG OFF)
GUILFORD	OVER REEDY FORK CREEK IN OAK RIDGE.			\$1,700,000	
PROJ.CATEGORY	<u>TO COORDINATE SCHEDULE WITH LOCAL SCHOOLS,</u>				
DIVISION	<u>DELAY CONSTRUCTION FROM FY 18 TO FY 19.</u>				

C-5555E	VARIOUS, SR 1546 (COLLEGE ROAD) AND SR 2179	CONSTRUCTION	FY 2019 -	\$203,000	(CMAQ)
GUILFORD	(NEW GARDEN ROAD) IN GREENSBORO. CONSTRUCT		FY 2019 -	\$51,000	(L)
	SIDEWALKS.			\$254,000	
	<u>TO ALLOW TIME FOR THE CITY TO COMPLETE THE</u>				
	<u>RIGHT-OF-WAY PHASE, DELAY CONSTRUCTION FROM</u>				
	<u>FY 18 TO FY 19.</u>				

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Thursday, August 02, 2018

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

DIVISION 7

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

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Thursday, August 02, 2018

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

DIVISION 7

* P-5719

ALAMANCE

CABARRUS

DAVIDSON

DURHAM

GUILFORD

MECKLENBURG

ORANGE

RANDOLPH

ROWAN

WAKE

PROJ.CATEGORY

REGIONAL

NCRR. PURCHASE AND REFURBISH RAILCARS FOR
PIEDMONT SERVICE EXPANSION.

**COST INCREASE EXCEEDING \$2 MILLION AND 25%
THRESHOLDS. UPDATE DESCRIPTION AND CREATE
ADDITIONAL PROJECT BREAK AT REQUEST OF RAIL
DIVISION TO REFLECT SEPARATE CONTRACT. SEE P-
5719C ENTRY FOR SCHEDULE.**

P-5719C

ALAMANCE

CABARRUS

DAVIDSON

DURHAM

GUILFORD

MECKLENBURG

ORANGE

RANDOLPH

ROWAN

WAKE

PROJ.CATEGORY

REGIONAL

NCRR. PURCHASE AND REFURBISHMENT OF 8
PASSENGER RAIL CARS.

**PROJECT BREAK CREATED AT REQUEST OF RAIL
DIVISION.**

CONSTRUCTION	FY 2019 -	\$35,640,000	(T)
		\$35,640,000	

* R-5822

CASWELL

PROJ.CATEGORY

REGIONAL

NC 86, US 158 TO VIRGINIA STATE LINE. CONSTRUCT
PASSING LANES AND SHOULDER IMPROVEMENTS AT
VARIOUS LOCATIONS.

**TO ADJUST PROJECT LET TYPE, REFINE SCOPE AND
VERIFY COSTS, DELAY RIGHT-OF-WAY FROM FY 18 TO
FY 20 AND CONSTRUCTION FROM FY 19 TO FY 22.**

RIGHT-OF-WAY	FY 2020 -	\$200,000	(T)
UTILITIES	FY 2020 -	\$62,000	(T)
CONSTRUCTION	FY 2022 -	\$700,000	(T)
		\$962,000	

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Thursday, August 02, 2018

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

DIVISION 7

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

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U-5898 GUILFORD PROJ.CATEGORY REGIONAL	US 29, NC 150. INTERCHANGE IMPROVEMENTS. <u>TO ALLOW ADDITIONAL TIME TO COMPLETE PLANNING AND DESIGN, DELAY RIGHT-OF-WAY FROM FY 18 TO FY 19 AND CONSTRUCTION FROM FY 19 TO FY 20.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2019 - FY 2019 - FY 2020 -	\$40,000 \$10,000 \$500,000	(T) (T) (T)
				\$550,000	
U-6008 GUILFORD PROJ.CATEGORY DIVISION	SR 2085 (BRYAN BOULEVARD), NEW GARDEN ROAD AT HORSEPEN CREEK ROAD IN GREENSBORO. INTERCHANGE IMPROVEMENTS, INCLUDING NEW RAMP FROM WESTBOUND NEW GARDEN ROAD TO WESTBOUND SR 2085. <u>TO ALLOW ADDITIONAL TIME TO COMPLETE PLANNING AND DESIGN, DELAY RIGHT-OF-WAY FROM FY 19 TO FY 20.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2020 - FY 2020 - FY 2020 -	\$1,250,000 \$500,000 \$2,250,000	(T) (T) (T)
				\$4,000,000	
U-6009 ALAMANCE PROJ.CATEGORY REGIONAL	US 70 (SOUTH CHURCH STREET), TARLETON AVENUE TO FIFTH STREET IN BURLINGTON. WIDEN AND CONSTRUCT CENTER TURN LANE. <u>TO ALLOW ADDITIONAL TIME TO COMPLETE THE DESIGN PLANS, DELAY RIGHT-OF-WAY FROM FY 19 TO FY 20.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2020 - FY 2020 - FY 2021 -	\$4,448,000 \$534,000 \$6,337,000	(T) (T) (T)
				\$11,319,000	
U-6010 ALAMANCE PROJ.CATEGORY REGIONAL	US 70 (SOUTH CHURCH STREET), SR 1226 / SR 1311 (UNIVERSITY DRIVE) IN BURLINGTON. INTERSECTION IMPROVEMENTS, TO INCLUDE WIDENING OF US 70 TO MAINTAIN CONSISTENT CROSS-SECTION WITH PROJECT U-5752 IMPROVEMENTS. <u>TO ALLOW ADDITIONAL TIME TO COMPLETE THE DESIGN PLANS, DELAY RIGHT-OF-WAY FROM FY 19 TO FY 20 AND CONSTRUCTION FROM FY 19 TO FY 21.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2020 - FY 2020 - FY 2021 -	\$200,000 \$100,000 \$1,000,000	(T) (T) (T)
				\$1,300,000	
U-6011 ALAMANCE PROJ.CATEGORY REGIONAL	US 70 (SOUTH CHURCH STREET), SR 1158 (HUFFMAN MILL ROAD) IN BURLINGTON. INTERSECTION IMPROVEMENTS. <u>TO ALLOW ADDITIONAL TIME TO COMPLETE THE DESIGN PLANS, DELAY RIGHT-OF-WAY FROM FY 19 TO FY 20 AND CONSTRUCTION FROM FY 19 TO FY 21.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2020 - FY 2020 - FY 2021 -	\$200,000 \$100,000 \$1,000,000	(T) (T) (T)
				\$1,300,000	
U-6016 GUILFORD PROJ.CATEGORY DIVISION	SR 2124 (LEWISTON ROAD), SR 2136 (FLEMING ROAD). INTERSECTION IMPROVEMENTS. <u>DUE TO ADJUSTMENTS TO THE DESIGN SCHEDULE, DELAY RIGHT-OF-WAY FROM FY 18 TO FY 19 AND CONSTRUCTION FROM FY 19 TO FY 20.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2019 - FY 2019 - FY 2020 -	\$100,000 \$50,000 \$750,000	(T) (T) (T)
				\$900,000	

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

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

DIVISION 8

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

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

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

U-5815	US 1 (SANDHILLS BOULEVARD), SR 1112 (ROSELAND ROAD) IN ABERDEEN TO OLD US 1 IN SOUTHERN PINES. ACCESS MANAGEMENT IMPROVEMENTS.
MOORE	
PROJ.CATEGORY	<u>PROJECT BEING SEGMENT INTO PARTS A AND B FOR LETTING.</u>
REGIONAL	

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DIVISION 8

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

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

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

DIVISION 9

* R-5737	US 29 / US 70 / BUSINESS 85, SR 1798 (OLD	RIGHT-OF-WAY	FY 2019 -	\$700,000	(T)
DAVIDSON	GREENSBORO ROAD). CONVERT AT-GRADE		FY 2019 -	\$2,900,000	(O)
PROJ.CATEGORY	INTERSECTION TO INTERCHANGE.	CONSTRUCTION	FY 2020 -	\$11,850,000	(T)
DIVISION	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25%</u>		FY 2021 -	\$11,850,000	(T)
	<u>THRESHOLDS.</u>			\$27,300,000	

U-5902	NC 150, US 64 TO SR 1508 (HICKORY TREE ROAD / OLD
DAVIDSON	SALISBURY ROAD). WIDEN TO MULTILANES.
	<u>REVISE NORTHERN TERMINUS TO ESTABLISH</u>
	<u>LOGICAL TERMINI</u>

U-5902B	NC 150, SR 1493 (FRYE BRIDGE ROAD) TO SR 1508	RIGHT-OF-WAY	POST YR-	\$10,738,000	(T)
DAVIDSON	(HICKORY TREE ROAD / OLD SALISBURY ROAD)	UTILITIES	POST YR-	\$1,289,000	(T)
	<u>REVISE NORTHERN TERMINUS TO ESTABLISH</u>	CONSTRUCTION	POST YR-	\$44,337,000	(T)
	<u>LOGICAL TERMINI</u>			\$56,364,000	

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DIVISION 10

C-5157 CABARRUS PROJ.CATEGORY EXEMPT	HARRISBURG, CONSTRUCT SIDEWALKS ON TOM QUERY ROAD, ROBINSON CHURCH ROAD AND STALLINGS ROAD IN HARRISBURG. <u>TO ALLOW ADDITIONAL TIME FOR DESIGN DELAY</u> <u>CONSTRUCTION FROM FY 18 TO FY 19</u>	CONSTRUCTION	FY 2019 - \$378,000 (CMAQ) FY 2019 - \$95,000 (L) \$473,000
C-5621 MECKLENBURG PROJ.CATEGORY EXEMPT	CORNELIUS, US 21 AND CATAWBA AVENUE. RELOCATE INTERSECTION OF US 21 AND CATAWBA AVENUE TO THE EAST AND CONSTRUCT ROUNDBOUT. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING DELAY</u> <u>RIGHT-OF-WAY FROM FY 18 TO FY 19 AND</u> <u>CONSTRUCTION FROM FY 19 TO FY 20</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - \$1,000,000 (CMAQ) FY 2019 - \$3,000,000 (BA) FY 2019 - \$250,000 (L) FY 2020 - \$806,000 (CMAQ) FY 2020 - \$3,700,000 (BA) FY 2020 - \$202,000 (L) \$8,958,000
EB-5829 MECKLENBURG PROJ.CATEGORY DIVISION	MATTHEWS, CONSTRUCT FOUR MILE CREEK GREENWAY CROSSING UNDER SR 3448 (SOUTH TRADE STREET) <u>TO ALLOW ADDITIONAL TIME FOR PLANNING DELAY</u> <u>CONSTRUCTION FROM FY 18 TO FY 19</u>	CONSTRUCTION	FY 2019 - \$1,445,000 (STBGDA) FY 2019 - \$471,000 (L) \$1,916,000
EB-5902 CABARRUS PROJ.CATEGORY DIVISION	CONCORD, DOWNTOWN PEDESTRIAN SIGNAL UPGRADES. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING DELAY</u> <u>CONSTRUCTION FROM FY 18 TO FY 19</u>	CONSTRUCTION	FY 2019 - \$250,000 (TAPDA) FY 2019 - \$62,000 (L) \$312,000
* P-5725 CABARRUS PROJ.CATEGORY REGIONAL	KANNAPOLIS, CONSTRUCT TRACK IMPROVEMENTS, SECOND PLATFORM, PEDESTRIAN UNDERPASS, SITEWORK, RETAINING WALL, SIGNALING EQUIPMENT <u>ACCELERATE RIGHT-OF-WAY FROM FY 23 TO FY 19</u> <u>AND CONSTRUCTION FROM FY 25 TO FY 19.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - \$1,250,000 (T) FY 2019 - \$2,350,000 (T) FY 2020 - \$2,350,000 (T) \$5,950,000
U-5526A MECKLENBURG PROJ.CATEGORY STATEWIDE	US 74 (INDEPENDENCE BLVD), I-277 TO WALLACE LANE. CONVERT EXISTING AND PROPOSED BUSWAY TO MANAGED LANES. INCLUDES WORK PROPOSED UNDER PROJECT U-2509 BA. <u>TO ALLOW ADDITIONAL TIME FOR A 90 DAY PRIOR</u> <u>TO LETTING REPORTING REQUIREMENT DELAY</u> <u>CONSTRUCTION FROM FY 18 TO FY 19</u>	CONSTRUCTION OPERATIONS	FY 2019 - \$1,400,000 (CMAQ) FY 2019 - \$18,728,000 (NHP) FY 2019 - \$3,000,000 (T) \$23,128,000

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DIVISION 10

U-5768	NC 49 & BACK CREEK CHURCH RD, NC 49, JOHN KIRK DRIVE TO I-485. WIDEN EXISTING ROADWAY. REALIGN BACK CREEK CHURCH ROAD ON NEW LOCATION TO THE NC 49 AND MALLARD CREEK CHURCH ROAD INTERSECTION. CLOSE EXISTING AT GRADE RAIL CROSSING AT NC 49 AND BACK CREEK CHURCH ROAD.	RIGHT-OF-WAY	FY 2020 -	\$100,000	(T)
MECKLENBURG			FY 2020 -	\$1,200,000	(L)
PROJ.CATEGORY		UTILITIES	FY 2020 -	\$1,300,000	(T)
REGIONAL		MITIGATION	FY 2020 -	\$925,000	(L)
		CONSTRUCTION	FY 2021 -	\$6,000,000	(T)
			FY 2021 -	\$12,300,000	(L)
			FY 2022 -	\$6,000,000	(T)
			FY 2023 -	\$6,000,000	(T)
			FY 2024 -	\$6,000,000	(T)
				<u>\$39,825,000</u>	
U-6086	PINEVILLE, NC 51, PARK ROAD TO CARMEL ROAD. CONSTRUCT ACCESS MANAGEMENT IMPROVEMENTS.	CONSTRUCTION	FY 2020 -	\$2,000,000	(STBGDA)
MECKLENBURG			FY 2020 -	\$1,000,000	(L)
PROJ.CATEGORY				\$3,000,000	
EXEMPT					

DIVISION 11

B-5527	US 52 (NORTH- BOUND LANE), REPLACE BRIDGE 850122 OVER TOMS CREEK AND REPLACE BRIDGE 850342 OVER OLD US 52 SOUTHBOUND EXIT RAMP.	RIGHT-OF-WAY	FY 2019 -	\$400,000	(STBG)
SURRY		CONSTRUCTION	FY 2020 -	\$4,350,000	(STBG)
PROJ.CATEGORY			FY 2021 -	\$4,350,000	(STBG)
STATEWIDE				<u>\$9,100,000</u>	
	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN DELAY RIGHT-OF-WAY FROM FY 18 TO FY 19 AND CONSTRUCTION FROM FY 19 TO FY 20</u>				
* B-5831	I-77 NORTH, REPLACE BRIDGE 850006 OVER NC 268, SOUTHERN RR, AND YADKIN RIVER.	RIGHT-OF-WAY	FY 2019 -	\$600,000	(NHPB)
SURRY		CONSTRUCTION	FY 2020 -	\$5,350,000	(NHPB)
PROJ.CATEGORY			FY 2021 -	\$5,350,000	(NHPB)
STATEWIDE				<u>\$11,300,000</u>	
	<u>ACCELERATE RIGHT-OF-WAY FROM FY 21 TO FY 19 AND CONSTRUCTION FROM FY 22 TO FY 20 PER STRUCTURES MANAGEMENT. COMBINE WITH B-5833.</u>				
* B-5833	US 21 BUSINESS, REPLACE BRIDGE 980029 OVER I-77.	RIGHT-OF-WAY	FY 2019 -	\$300,000	(NHPB)
YADKIN		CONSTRUCTION	FY 2020 -	\$2,300,000	(NHPB)
PROJ.CATEGORY			FY 2021 -	\$2,300,000	(NHPB)
REGIONAL				<u>\$4,900,000</u>	
	<u>ACCELERATE RIGHT-OF-WAY FROM FY 21 TO FY 19 AND CONSTRUCTION FROM FY 22 TO FY 20 PER STRUCTURES MANAGEMENT. COMBINE WITH B-5831.</u>				

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DIVISION 11

EB-5529 YADKIN PROJ.CATEGORY TRANSITION	YADKINVILLE, NORTH LEE AVENUE, MAIN STREET TO US 601 IN YADKINVILLE. CONSTRUCT SIDEWALK ON NORTH SIDE OF ROAD. <u>TO ALLOW ADDITIONAL TIME FOR DESIGN DELAY CONSTRUCTION FROM FY 18 TO FY 19</u>	CONSTRUCTION	FY 2019 -	\$1,245,000	(STPEB)
				\$1,245,000	
EB-5798 WATAUGA PROJ.CATEGORY EXEMPT	US 221, MAIN STREET IN BLOWING ROCK TO MOSES H CONE MEMORIAL PARK AND BASS LAKE. CONSTRUCT SIDEWALK. <u>TO ALLOW ADDITIONAL TIME FOR DESIGN DELAY CONSTRUCTION FROM FY 18 TO FY 19</u>	CONSTRUCTION	FY 2019 -	\$891,000	(FLAP)
			FY 2019 -	\$223,000	(L)
				\$1,114,000	
R-5830 WATAUGA PROJ.CATEGORY DIVISION	SR 1522 (DEERFIELD ROAD), STATE FARM ROAD TO SR 1523 (WILSON RIDGE ROAD). UPGRADE ROADWAY. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING DELAY RIGHT-OF-WAY FROM FY 18 TO FY 19</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2019 - FY 2019 - FY 2020 -	\$150,000 \$100,000 \$3,200,000	(T) (T) (T)
				\$3,450,000	
U-4700CA CALDWELL	US 321, SR 1160 (MOUNT HERMAN ROAD). UPGRADE INTERSECTION TO SUPERSTREET DESIGN - WITHIN THE LIMITS OF U-4700 C. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN DELAY RIGHT-OF-WAY FROM FY 18 TO FY 19</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - FY 2019 -	\$420,000 \$1,750,000	(NHP) (NHP)
				\$2,170,000	
U-4700CB CALDWELL PROJ.CATEGORY STATEWIDE	US 321, SR 1809/1952 (PINE MOUNTAIN ROAD). UPGRADE INTERSECTION TO SUPERSTREET DESIGN - WITHIN THE LIMITS OF U-4700 C. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN DELAY RIGHT-OF-WAY FROM FY 18 TO FY 19</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2019 - FY 2019 - FY 2019 -	\$400,000 \$100,000 \$2,200,000	(NHP) (NHP) (NHP)
				\$2,700,000	
U-4700CC CALDWELL PROJ.CATEGORY STATEWIDE	US 321, SR 1108 (MISSION ROAD). UPGRADE INTERSECTION TO SUPERSTREET DESIGN - WITHIN THE LIMITS OF U-4700 C. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN DELAY RIGHT-OF-WAY FROM FY 18 TO FY 19</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2019 - FY 2019 - FY 2019 -	\$450,000 \$100,000 \$2,200,000	(NHP) (NHP) (NHP)
				\$2,750,000	

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U-5776	GRANITE FALLS, INTERSECTION OF SR 1106 (DUKE STREET) AND US 321A. REALIGN INTERSECTION.	CONSTRUCTION	FY 2019 -	\$3,504,000	(T)
CALDWELL				\$3,504,000	
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR DESIGN DELAY</u>				
REGIONAL	<u>CONSTRUCTION FROM FY 18 TO FY 19</u>				

U-5809	US 601 (STATE STREET), US 421 TO SR 1146 (LEE AVENUE). CONSTRUCT MEDIAN AND ROUNDABOUTS.	RIGHT-OF-WAY	FY 2019 -	\$1,500,000	(T)
YADKIN		UTILITIES	FY 2019 -	\$200,000	(T)
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING DELAY</u>	CONSTRUCTION	FY 2020 -	\$4,300,000	(T)
DIVISION	<u>RIGHT-OF-WAY FROM FY 18 TO FY 19</u>		FY 2021 -	\$4,300,000	(T)
				\$10,300,000	

U-5810	SR 1514 (BAMBOO ROAD); SR 1523 (WILSON RIDGE), US 421/US 221 TO SR 1522 (DEERFIELD ROAD). WIDEN ROADWAY TO 12-FEET LANES WITH 4-FEET PAVED SHOULDERS.	RIGHT-OF-WAY	FY 2019 -	\$100,000	(T)
WATAUGA		CONSTRUCTION	FY 2020 -	\$3,000,000	(T)
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING DELAY</u>			\$3,100,000	
DIVISION	<u>RIGHT-OF-WAY FROM FY 18 TO FY 19</u>				

DIVISION 12

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

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

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DIVISION 12

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

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

DIVISION 13

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

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

U-5833	SR 2241 (OAK STREET), SR 2159 (PINE RIDGE ROAD)	CONSTRUCTION	FY 2019 -	\$5,300,000	(T)
RUTHERFORD	TO US 74. WIDEN EXISTING ROADWAY.			\$5,300,000	
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR PROJECT DELAY</u>				
DIVISION	<u>CONSTRUCTION FROM FY 18 TO FY 19. BIDS WERE IN</u>				
	<u>EXCESS OF DIVISION CAP AND PROJECT CHANGED</u>				
	<u>TO DDRL.</u>				

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* INDICATES FEDERAL AMENDMENT

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

DIVISION 13

* U-5834	SR 3116 (MILLS GAP ROAD), US 25 (HENDERSONVILLE	RIGHT-OF-WAY	FY 2018 -	\$18,500,000	(T)
BUNCOMBE	ROAD) TO SR 3157 (WESTON ROAD). UPGRADE	CONSTRUCTION	FY 2021 -	\$3,000,000	(T)
PROJ.CATEGORY	EXISTING ROADWAY.			\$21,500,000	
DIVISION	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>				

U-5971A	ASHEVILLE, US 19 (PATTON AVENUE) AND NC 63 (NEW	CONSTRUCTION	FY 2019 -	\$500,000	(T)
BUNCOMBE	LEICESTER HIGHWAY). CONSTRUCT INITIAL			\$500,000	
PROJ.CATEGORY	INTERSECTION IMPROVEMENTS.				
REGIONAL	<u>TO ALLOW ADDITIONAL TIME FOR RE-ADVERTISEMENT FOR BIDS DELAY CONSTRUCTION FROM FY 18 TO FY 19.</u>				

DIVISION 14

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

R-2588B	NC 191, SR 1381 (MOUNTAIN ROAD) TO NC 280 SOUTH	RIGHT-OF-WAY	FY 2020 -	\$2,250,000	(STBG)
HENDERSON	OF MILLS RIVER.		FY 2021 -	\$2,250,000	(STBG)
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING DELAY</u>	UTILITIES	FY 2020 -	\$500,000	(STBG)
DIVISION	<u>RIGHT-OF-WAY FROM FY 19 TO FY 20</u>	CONSTRUCTION	FY 2022 -	\$14,500,000	(STBG)
			FY 2023 -	\$14,500,000	(STBG)
			FY 2024 -	\$14,500,000	(STBG)
				\$48,500,000	

* R-5600	NC 107 US 23 BUSINESS, NC 107, NC 116 TO US 23	RIGHT-OF-WAY	FY 2020 -	\$23,800,000	(STBG)
JACKSON	BUSINESS. US 23 BUSINESS, SR 1432 (SKYLAND		FY 2021 -	\$23,800,000	(STBG)
PROJ.CATEGORY	DRIVE) TO MUNICIPAL DRIVE. UPGRADE ROADWAY.	UTILITIES	FY 2020 -	\$1,100,000	(STBG)
REGIONAL	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>	CONSTRUCTION	FY 2022 -	\$7,167,000	(STBG)
	<u>DESIGN, DELAY RIGHT-OF-WAY FROM FY 19 TO FY 20</u>		FY 2023 -	\$7,166,000	(STBG)
	<u>AND CONSTRUCTION FROM FY 21 TO FY 22.</u>		FY 2024 -	\$7,167,000	(STBG)
				\$70,200,000	

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* INDICATES FEDERAL AMENDMENT

Thursday, August 02, 2018

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

DIVISION 14

* R-5800	US 64, US 276, FORTUNE COVE ROAD TO US 64	RIGHT-OF-WAY	FY 2020 -	\$2,500,000	(T)
TRANSYLVANIA	BUSINESS (NORTH CALDWELL STREET). CONSTRUCT		FY 2021 -	\$2,500,000	(T)
PROJ.CATEGORY	MEDIAN AND ACCESS CONTROL MEASURES.	UTILITIES	FY 2020 -	\$300,000	(T)
REGIONAL	<u>ACCELERATE RIGHT-OF-WAY FROM FY 22 TO FY 20</u>		FY 2021 -	\$300,000	(T)
	<u>PER DIVISION.</u>	CONSTRUCTION	FY 2024 -	\$3,500,000	(T)
			FY 2025 -	\$3,500,000	(T)
			FY 2026 -	\$3,600,000	(T)
				\$16,200,000	
R-5841A	NC 107, 500 FEET SOUTH OF SR 1135 (SHOOK COVE	RIGHT-OF-WAY	FY 2021 -	\$2,150,000	(T)
JACKSON	ROAD) TO 1000 FEET NORTH OF THE LAKE		FY 2022 -	\$2,150,000	(T)
PROJ.CATEGORY	TUCKASEEGEE DAM.	UTILITIES	FY 2021 -	\$200,000	(T)
DIVISION	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING DELAY</u>	CONSTRUCTION	FY 2022 -	\$5,800,000	(T)
	<u>RIGHT-OF-WAY FROM FY 20 TO FY 21</u>		FY 2023 -	\$5,800,000	(T)
			FY 2024 -	\$5,800,000	(T)
				\$21,900,000	
R-5864	SR 1395 (COVE CREEK ROAD), APPROXIMATELY 3	ENGINEERING	FY 2018 -	\$20,000	(FLAP)
HAYWOOD	MILES WEST OF US 276. REPAIR SLIDE AREA.		FY 2018 -	\$5,000	(S(M))
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>	RIGHT-OF-WAY	FY 2020 -	\$80,000	(FLAP)
EXEMPT	<u>DESIGN DELAY RIGHT-OF-WAY FROM FY 19 TO FY 20</u>		FY 2020 -	\$20,000	(S(M))
	<u>AND CONSTRUCTION FROM FY 19 TO FY 20</u>	CONSTRUCTION	FY 2020 -	\$380,000	(FLAP)
			FY 2020 -	\$95,000	(S(M))
				\$600,000	
U-5839	US 276 (RUSS AVENUE), US 23/74 TO US 23 BUSINESS	RIGHT-OF-WAY	FY 2019 -	\$6,200,000	(T)
HAYWOOD	(MAIN STREET). UPGRADE CORRIDOR.	UTILITIES	FY 2019 -	\$750,000	(T)
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>	CONSTRUCTION	FY 2021 -	\$5,400,000	(T)
DIVISION	<u>DESIGN DELAY CONSTRUCTION FROM FY 20 TO FY 21</u>		FY 2022 -	\$5,400,000	(T)
				\$17,750,000	
* U-5888	US 23 BUSINESS, INTERSECTION OF US 23 BUSINESS	CONSTRUCTION	FY 2020 -	\$3,450,000	(T)
HAYWOOD	(NORTH MAIN STREET) AND WALNUT STREET.			\$3,450,000	
PROJ.CATEGORY	CONSTRUCT INTERSECTION IMPROVEMENTS.				
DIVISION	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25%</u>				
	<u>THRESHOLDS.</u>				

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REVISIONS TO THE 2018-2027 STIP
HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 14

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

STIP DELETIONS

DIVISION 13

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

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

DIVISION 14

* R-5744	BALFOUR PARKWAY, NC 191 TO US 64. CONSTRUCT				
HENDERSON	NEW 4-LANE ROADWAY.				
	<u>DELETE AT THE REQUEST OF MPO AND DIVISION.</u>				

* R-5744A	BALFOUR PARKWAY, NC 191 (HAYWOOD ROAD) TO US	RIGHT-OF-WAY	POST YR-	\$10,100,000	(T)
HENDERSON	25 BUSINESS. CONSTRUCT NEW 4-LANE ROADWAY.	UTILITIES	POST YR-	\$500,000	(T)
	<u>DELETE AT THE REQUEST OF MPO AND DIVISION.</u>	CONSTRUCTION	POST YR-	\$49,700,000	(T)
				\$60,300,000	

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REVISIONS TO THE 2018-2027 STIP
HIGHWAY PROGRAM
STIP DELETIONS

DIVISION 14

* R-5744B	BALFOUR PARKWAY, US 25 BUSINESS TO I-26.	RIGHT-OF-WAY	POST YR-	\$8,000,000	(T)
HENDERSON	CONSTRUCT NEW 4-LANE ROADWAY.	UTILITIES	POST YR-	\$500,000	(T)
PROJ.CATEGORY	<u>DELETE AT THE REQUEST OF MPO AND DIVISION.</u>	CONSTRUCTION	POST YR-	\$39,200,000	(T)
DIVISION				\$47,700,000	

* R-5744C	BALFOUR PARKWAY, I-26 TO US 64. CONSTRUCT NEW	RIGHT-OF-WAY	POST YR-	\$8,200,000	(T)
HENDERSON	4-LANE ROADWAY.	UTILITIES	POST YR-	\$500,000	(T)
	<u>DELETE AT THE REQUEST OF MPO AND DIVISION.</u>	CONSTRUCTION	POST YR-	\$40,100,000	(T)
				\$48,800,000	

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Thursday, August 02, 2018



ECONOMIC DEVELOPMENT AND INTERGOVERNMENTAL RELATIONS MEETING MINUTES

DATE: 5/30/18 TIME: 3:40 pm LOCATION: 150

MEETING CALLED BY	Chairwoman Valerie Jordan called the meeting to order
BOARD ATTENDEES	Hugh Overholt, Cullie Tarleton, Andy Perkins, John Pope

AGENDA TOPICS

1. MEETING CALL TO ORDER AND APPROVAL OF APRIL 4, 2018 MINUTES – CHAIRWOMAN VALERIE JORDAN	
DISCUSSION SUMMARY	Chairwoman Jordan called the committee to order and presented roll call.
ACTIONS TAKEN	A motion to approve the April 4, 2018 EDIR committee meeting minutes as distributed was made by Chairwoman Jordan. A motion was moved and seconded. The committee approved unanimously.
2. NCMBC AND FEDERAL MARKET OVERVIEW – SCOTT DORNEY, EXECUTIVE DIRECTOR, NC MILITARY BUSINESS CENTER (NCMBC)	
DISCUSSION SUMMARY	<p>Mr. Dorney mentioned that we have the third highest active duty military in the country with six major military organizations and thousands of people transitioning out of the military each year.</p> <p>Mr. Dorney mentioned that they hold five billion dollars in federal contracts a year that are executed in NC.</p> <p>Mr. Dorney mentioned the two ways they recruit through the NCMBC: more defense contractors and growing the economy through existing businesses. This helps to gain leverage and improve quality of life in NC. The goals with NCMBC were discussed as well as their transition with military exits and business development within the military programs.</p> <p>Mr. Dorney mentioned the NC Defense Technology Transition office (DEFTECH) and highlighted multiple websites used to retrieve information on certain professions and to show types of skillsets that are transitioning out of the military.</p> <p>Mr. Dorney mentioned that their organization works with the community colleges to allow training six months prior to military exiting to assist with job readiness.</p> <p>Questions/Comments:</p> <p>Vice-Chairman Overholt mentioned that it would be a challenge and good opportunity to also assist military wives with employment opportunities. Mr. Dorney mentioned that they do have job assistance opportunities for military wives as well as military retirees.</p> <p>Vice-Chairman Overholt gave recognition to Mr. Dorney for his hard work towards the success of the whiteboard program.</p>
ACTIONS TAKEN	No action taken.
3. NC MILITARY AND VETERANS AFFAIRS – NIMASHEENA BURNS, DIRECTOR NC MILITARY AND VETERANS AFFAIRS	
DISCUSSION SUMMARY	<p>Ms. Burns gave highlights about the four project deliverables for the NC Defense Industry Diversification Initiative (NCDIDI).</p> <p>Ms. Burns gave an overview of their supply chain mapping and criteria, their strategic and capacity report and explained where and to whom funds are being spent.</p> <p>Ms. Burns mentioned the multiple Awards presented over the last five years to the NC</p>



ECONOMIC DEVELOPMENT AND INTERGOVERNMENTAL RELATIONS MEETING MINUTES

	<p>Aerospace program and that their Aerospace and cyber security is in phase II.</p> <p>Ms. Burns mentioned that they will start cyber security training soon so people that are interested can retrieve a list of requirements from DOD, DOT and DHHS.</p> <p>Questions/Comments:</p> <p>Vice-Chairman Overholt mentioned the use of service contracts and asked if they were still considered.</p> <p>Ms. Burns answered that 60 percent of their contracts are for services.</p> <p>Chief Deputy Secretary Howard mentioned that it would be a good opportunity to look into hiring someone to recruit with aerospace.</p> <p>Ms. Burns mentioned that they will be giving \$60,000 to help with keeping companies in business in the future.</p>
ACTIONS TAKEN	No action taken.

Adjourned 4:50 pm



ECONOMIC DEVELOPMENT AND INTERGOVERNMENTAL RELATIONS (EDIR) AGENDA

BOARD OF TRANSPORTATION AUGUST 1, 2018

TIME: 3:40 pm

LOCATION: Room 150

TOPIC	PRESENTER	TIME
Call to Order Roll Call Declaration of Quorum Approval of May 30, Meeting Minutes	Chair, Valerie Jordan	3:40-3:45
Opening remarks about discussion	Chief Deputy Secretary, David Howard	3:45-3:55
Year –End Review and New Yearly Preparation	NCDOT Governance Staff	3:55-4:40
Minority/Diversity Spending Efforts and Performance Metrics Update	Shelby Scales, Office of Civil Rights Director	4:40-4:50
Comments and Wrap up	Chair, Valerie Jordan	4:50-4:55
Adjourn	Chair, Valerie Jordan	4:55-5:00



FUNDING APPROPRIATIONS STRATEGIES COMMITTEE (FAST)

DATE: May 30, 2018 **TIME:** 3:40pm **LOCATION:** EIC

MEETING CALLED BY	Chairman Mike Fox
BOARD ATTENDEES	Chairman Mike Fox, Jack Debnam, Grady Hunt, Allen Moran, Mike Wells, Landon Zimmer, Pat Molamphy

AGENDA TOPICS

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

2. Financial Update/Cash Balance – Evan Rodewald	
DISCUSSION SUMMARY	<p>Chief Financial Officer Evan Rodewald discussed the annual appropriations and revenues as budgeted. Major revenue sources are the Motor Fuel Tax, Federal Funding, which is over a billion dollars if you add the Federal Highway money to the ARRA funding. Federal Highway money is fairly stable and slow growing but relies a great deal on the Federal Highway Trust Fund which relies on the federal gas tax of 18.4 cents per gallon since 1993. Federal Highway Trust Fund has been getting help from the Federal General Fund, the large infusions of cash are supposed to be discontinued in 2021. At this point Federal Funding will be less certain.</p> <p>Highway Use Tax is the other major revenue source and the primary source of revenue for the Highway Trust Fund. Provides state money for STIP.</p> <p>From a programmatic perspective the single largest transportation program is the Construction Program. The vast majority of Construction is STIP. Currently 2018-2027 STIP has 1367 projects and 344 are non-highway projects that are mobile projects.</p> <p>Debt Service, GO Bonds will be paid off FY 2020-2021. (\$110 million currently)</p> <p>Cash Balance</p> <p>Cash Balance forecast shows us coming down below the billion-dollar threshold in the Fall of 2018.</p>
ACTIONS TAKEN	N/A



FUNDING APPROPRIATIONS STRATEGIES COMMITTEE (FAST)

3. Meeting Adjourned – Chair Mike Fox	
DISCUSSION SUMMARY	Meeting Adjourned at 4:40pm
ACTIONS TAKEN	N/A



FUNDING APPROPRIATIONS STRATEGIES (FAST) COMMITTEE AGENDA

BOARD OF TRANSPORTATION AUGUST 1, 2018

TIME: 3:40pm – 5:00pm

LOCATION: EIC

TOPIC	PRESENTER	TIME
Call to Order Roll Call Declaration of Quorum Meeting Minutes Update · Approval of June 2018 meeting minutes	Tony Lathrop, Chair	3:40pm
Presentation on Association of General Contractors (AGC), Transportation Funding and Construction Industry	Berry Jenkins – Carolinas AGC	3:45pm
Overview the State Street-Aid (Powell Bill) Funding Program	Majed Al-Ghandour	4:20pm
Financial Update/Cash Balance	Evan Rodewald	4:55pm
Adjourn	Tony Lathrop, Chair	5:00pm



NORTH CAROLINA Department of Transportation



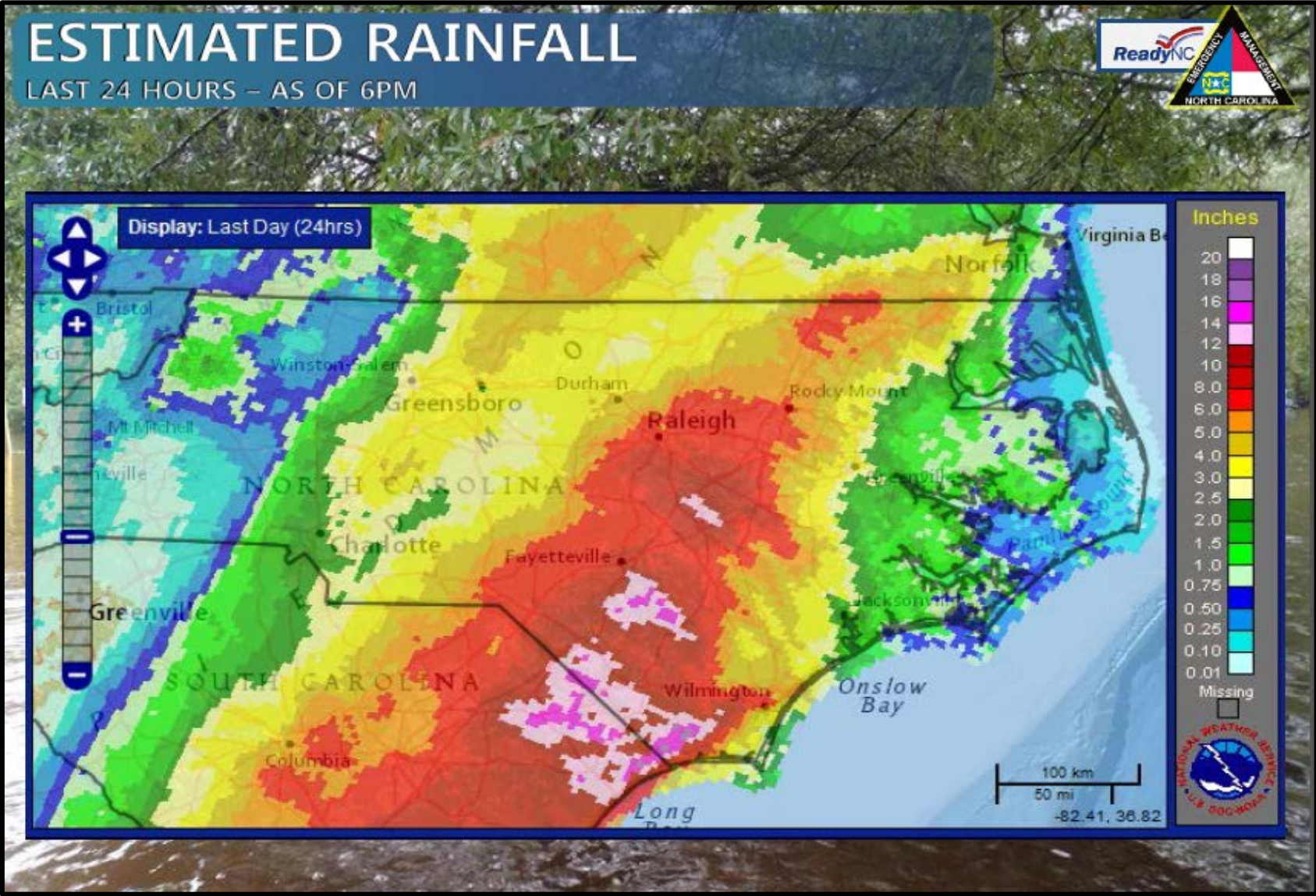
Weathering the Storm: Response and Recovery from Hurricane Matthew & Western Mudslides

Highway Committee Meeting

Emily McGraw, PE

August 1, 2018

Hurricane Matthew (October 2016)



RAINFALL REPORTS

HURRICANE MATTHEW

Valid Sunday, October 09, 2016 (1:30 PM)



Location	Rainfall
White Oak (Bladen)	16.71"
Goldsboro (Wayne)	15.24"
Hope Mills (Cumberland)	14.71"
Chadbourn (Columbus)	12.90"
Lumberton (Robeson)	12.47"
Elm City (Nash)	11.95"
Edenton (Chowan)	11.88"
Windsor (Bertie)	11.07"
Point Harbor (Currituck)	10.73"
Easons Crossroads (Gates)	10.60"
Garner (Johnston)	10.22"

NCDOT Preparing for Matthew

Division of Highways – Preparation began Tuesday October 4th

- Frequent Communication with Field Staff
- Field prepared their equipment and personnel
- Reviewed Emergency Operations Procedures



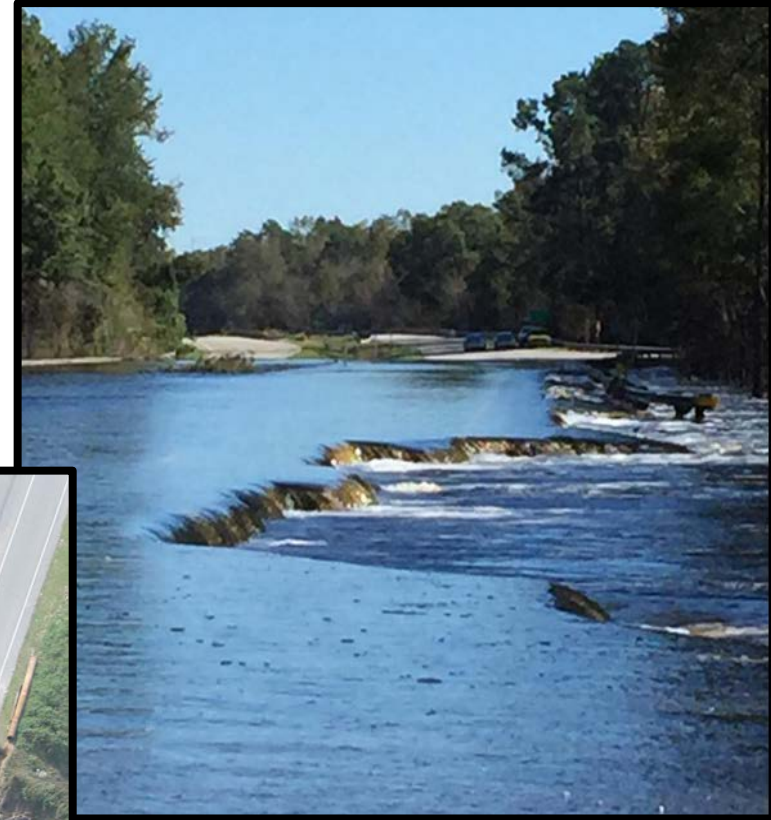
During the Storm

Communication with other State Agencies and Local Government
Activation of State Emergency Response Team (SERT)



Response and Recovery

- Road Closures
- Coordinating Detours
- Shifting Resources
- 511 & Call Center
- NCDOT Flooded Facilities
- Restoring Mobility Immediately After Event
- Identify Damaged Sites



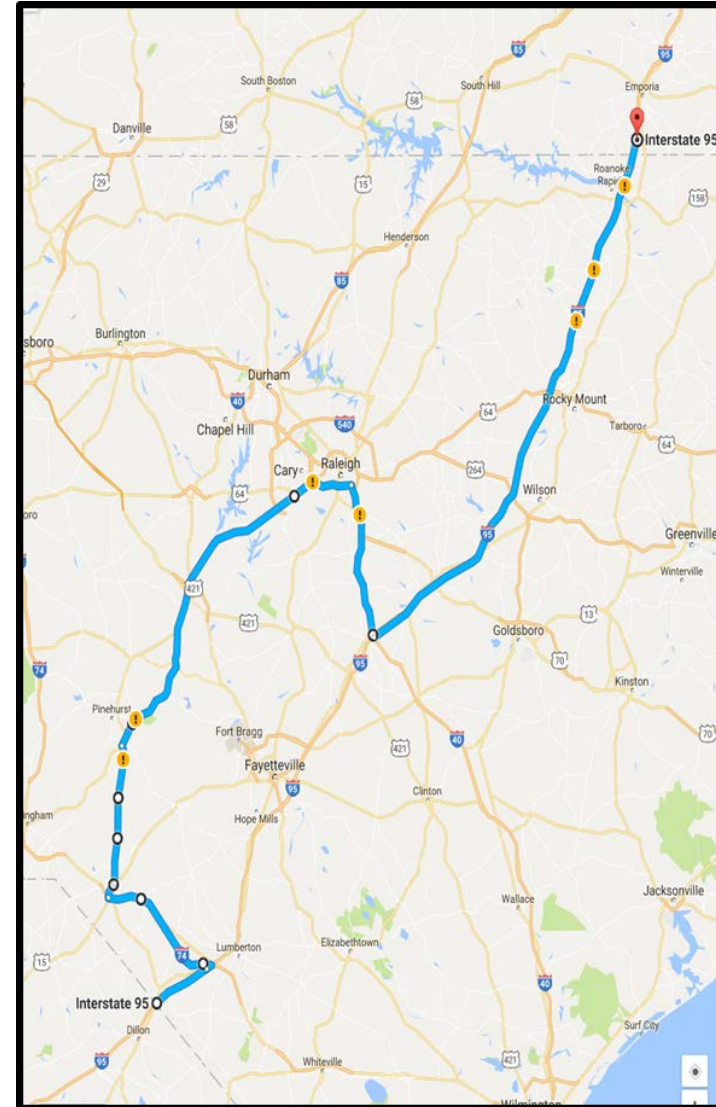
Response and Recovery – Road Closures

At Height of Storm – Over 600 Closures



Response and Recovery - Detours

- I-95 North Bound and South Bound Detours
- Coordination with Highway Patrol
- Coordination with Local law enforcement
- Coordination with Virginia DOT and South Carolina DOT



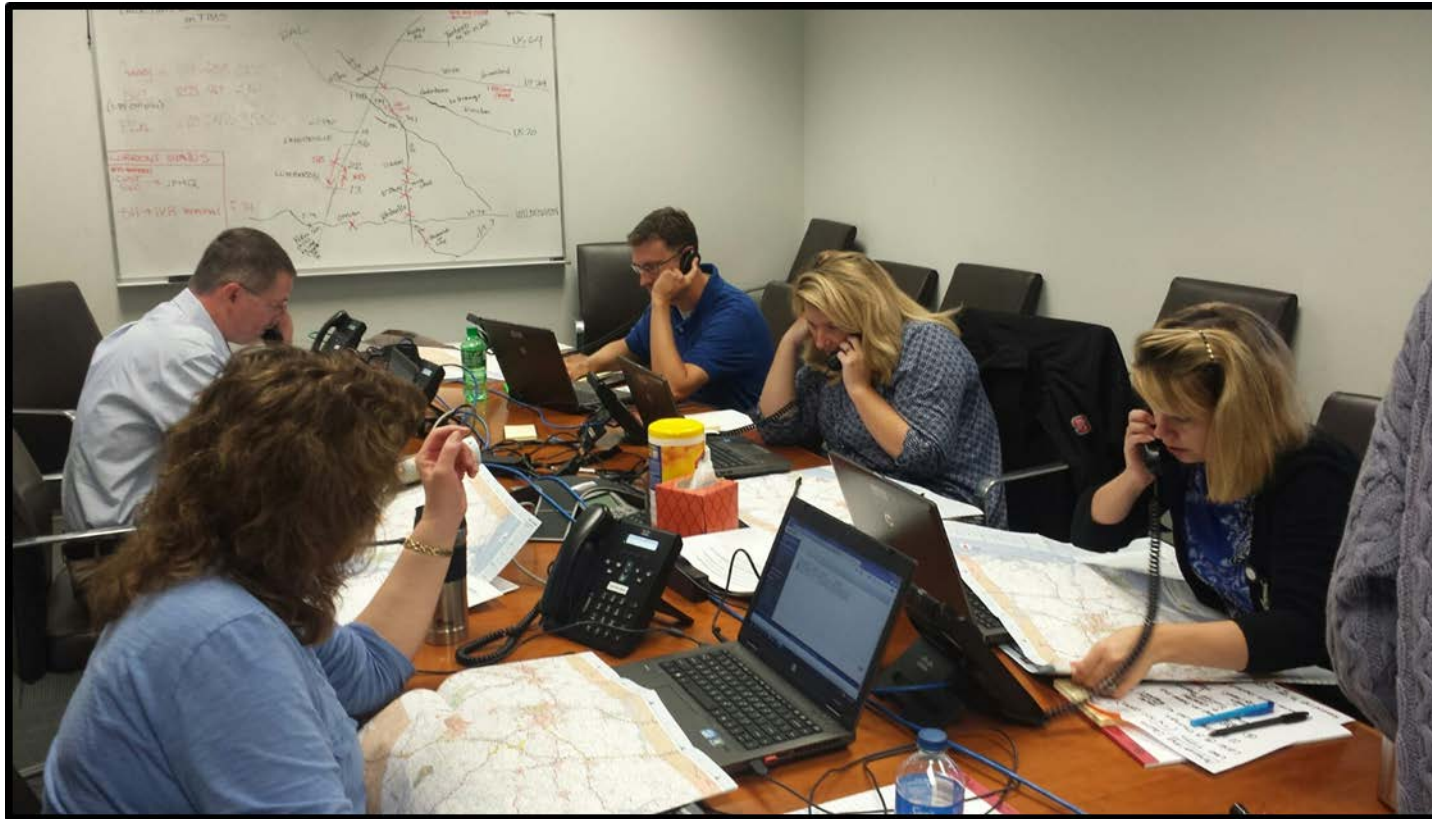
Response and Recovery – Shifting Resources

- Approximately 90% of the workforce in Divisions 1, 2, 3, 4, 5, 6 & 8 were utilized
- NCDOT mobilized over 360 personnel and 250 pieces of heavy equipment from western and piedmont Divisions to assist



Response and Recovery – 511 & Call Center

- 511 – Over 120,000 customer service inquiries
- Call Center – Over 5,000 calls received



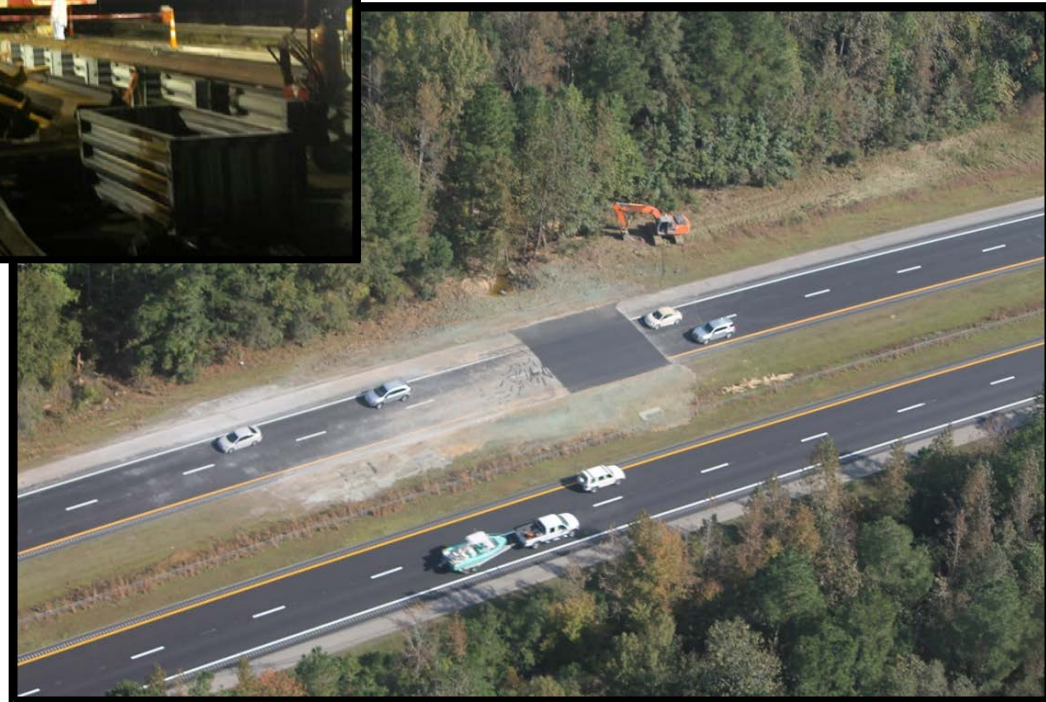
Response and Recovery – Flooded Facilities



Response and Recovery - Restoring Mobility



- I-95 and I-40 Repairs



Response and Recovery – Damaged Sites

- Over 2000 Identified FEMA Route Sites
- Over 700 Identified FHWA Route Sites



Response and Recovery – Damaged Sites

- As of 3/12/18 repairs have been completed on:
 - 1,954 FEMA sites
 - 682 FHWA sites

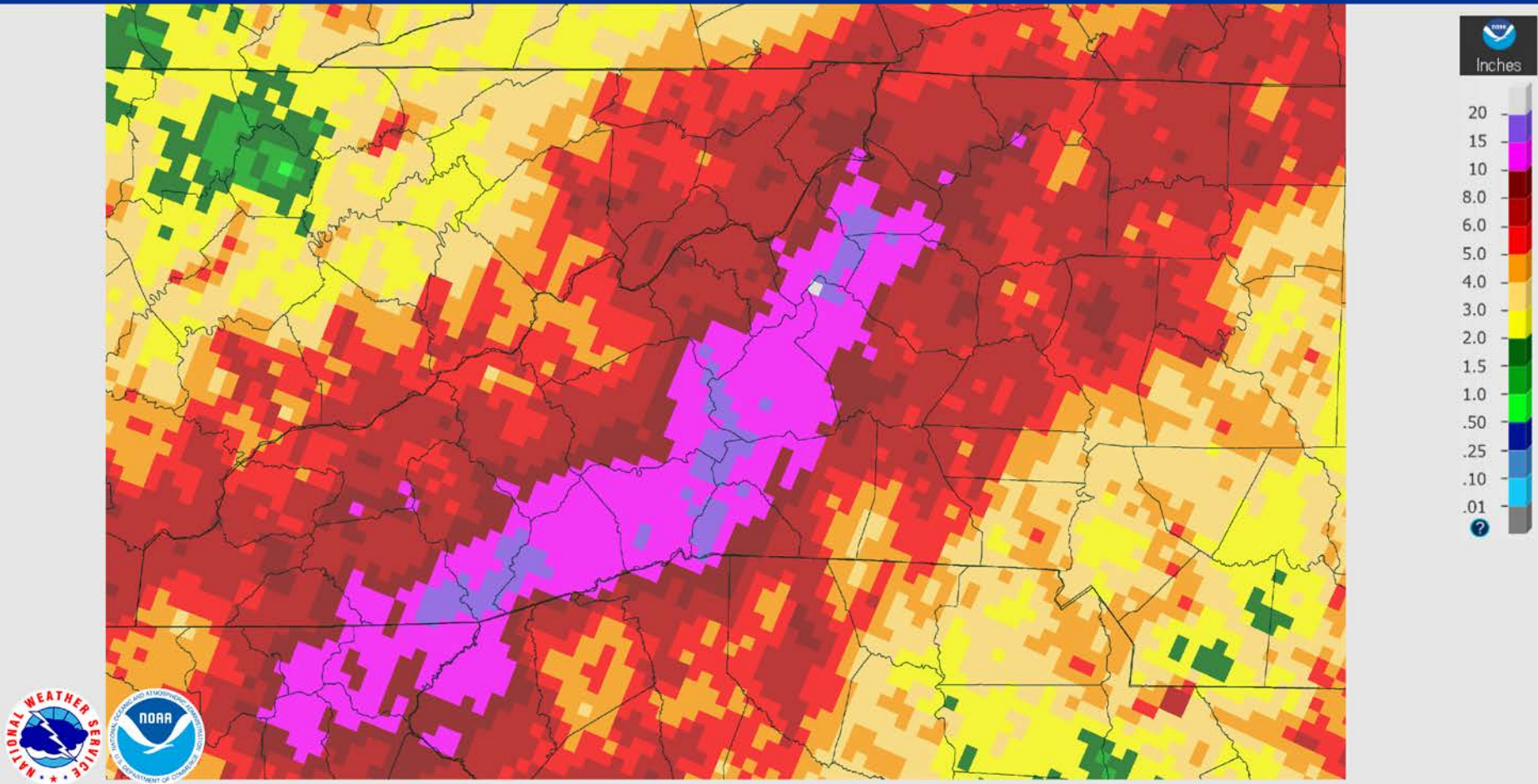


Western Mudslides (May 15th – 30th 2018)

May 30, 2018 14-Day Observed Precipitation

Created on: May 30, 2018 - 14:57 UTC

Valid on: May 30, 2018 12:00 UTC



Response and Recovery – Road Closures

Throughout the Storm – Over 150 Closures



Response and Recovery - Restoring Mobility



Response and Recovery – Damaged Sites

- Over 300 Identified FEMA Route Sites
- Over 55 Identified FHWA Route Sites



Financial Recovery



- Provides reimbursement for damages to Federal Aid routes, typically US, NC, and Interstate routes.
- ~\$700,000 DOT Statewide Declaration Threshold for Emergency Reimbursement Eligibility
- \$5,000 Minimum project threshold
- Eligible Work:
 - Emergency Repairs (First 180 Days)
 - (100% reimbursement)
 - Permanent Repairs
 - (90% reimbursement on Interstates)
 - (80% reimbursement on other Federal Aid routes)



Financial Recovery



FEMA

- Provides reimbursement for damages to state maintained secondary routes.
- ~ \$13M Statewide Declaration Threshold for Reimbursement Eligibility
- \$3,100 Minimum project threshold
- Eligible Work:
 - Cat A – Debris Removal
 - (~80% reimbursement)
 - Cat B – Emergency Protective Measures
 - (75% reimbursement)
 - Cat C – Roads/Bridges
 - (75% reimbursement)
 - Cat E – Buildings/Equipment
 - (75% reimbursement)



Financial Recovery

Hurricane Matthew (October 2016)				
Agency	Preliminary Cost Estimates	Expenditures to Date	Anticipated Reimbursement	Anticipated Cost to DOT
FEMA	\$169,494,149.40	\$138,364,426.07	\$127,653,809.29	\$41,840,340.11
FHWA	\$57,460,624.45	\$53,218,554.52	\$45,944,348.24	\$11,516,276.21
Total	\$226,954,773.85	\$191,582,980.59	\$173,598,157.53	\$53,356,616.32

Western Mudslides (May 15th – 30th 2018)				
Agency	Preliminary Cost Estimates	Expenditures to Date	Anticipated Reimbursement	Anticipated Cost to DOT
FEMA	\$13,823,511.09	\$3,860,533.97	\$10,367,633.32	\$3,455,877.77
FHWA	\$12,759,208.00	\$1,034,476.24	\$10,207,366.40	\$2,551,841.60
Total	\$26,582,719.09	\$4,895,010.21	\$20,574,999.72	\$6,007,719.37

Questions?





HIGHWAYS COMMITTEE MEETING MINUTES

DATE: 5-30-2018 TIME: 2:10 PM – 3:30 PM LOCATION: Room 150

MEETING CALLED BY	Chairman Tarleton
BOARD ATTENDEES	Chairman Cullie Tarleton, Vice Chair John Pope, Landon Zimmer, Gus Tulloss, Grady Hunt, Patrick Molamphy, Michael Wells, Jack Debnam and Board Chairman Mike Fox.

AGENDA TOPICS

1. APPROVAL OF FEBRUARY MINUTES	
DISCUSSION SUMMARY	Motion to approve the May minutes made by Member Zimmer, seconded by Member Tulloss.
ACTIONS TAKEN	Motion to approve the May minutes as written passed unanimously.
2. PROJECT SPOTLIGHT: US 64 ASHEBORO BYPASS, MR. BRANDON JONES, PE, NCDOT DIVISION 8 ENGINEER	
DISCUSSION SUMMARY	The Highway Committee heard a presentation on the US 64 Asheboro Bypass project. Mr. Brandon Jones, Division 8 Engineer, provided information about the long awaited project which is being built on the south side of Asheboro, and will improve regional travel, and provide a more direct access to the North Carolina Zoo. The 14.6 mile, \$244M project was let as a design-build project to the Asheboro Bypass Constructors. Construction began in August 2016 and is ahead of schedule, with a goal of opening the facility to traffic by the end of 2019.
ACTIONS TAKEN	N/A
3. MARITIME MUSEUM BOAT MARINA LEASE AGREEMENT, MR. JOHN ROUSE, JR., PE, NCDOT EASTERN DEPUTY CHIEF ENGINEER	
DISCUSSION SUMMARY	Mr. John Rouse, NCDOT's Eastern Deputy Chief Engineer, discussed a proposed long term lease with the North Carolina Maritime Museum in Beaufort in Division 2. The lease is for a 0.83 acre parcel, located on the south side of the Gallant's Channel Bridge in Carteret County. The Museum has requested access to and use of the property for the purposes of continuing its educational mission of maritime heritage. NCDOT will retain



HIGHWAYS COMMITTEE MEETING MINUTES

	rights to the property for maintenance of the Gallant's Channel Bridge. The lease agreement is proposed as a 10-year lease. After the 10-year lease term, the terms will become month-to-month. The Museum shall pay the Department the sum of \$10 per year or portion thereof, payable on or before the first day of July each calendar year. This information was presented to the Highway Committee for review and consideration this month and will be brought before the Full Board at a later date.
ACTIONS TAKEN	N/A

4. EXPENDITURE OF SPECIFIC FUNDS FOR INTERNAL IMPROVEMENTS AT SCHOOLS, MR. KEVIN LACY, PE, NCDOT STATE TRAFFIC ENGINEER	
DISCUSSION SUMMARY	Mr. Kevin Lacy, NCDOT State Traffic Engineer, discussed a proposed change in policy for the use of state funds on school properties. The proposed changes include revising the policy to not only apply to public schools but also to charter and private schools in order to be consistent with changes made by the General Assembly. The proposed changes also clarify the funding sources the Department may use to make transportation improvements to school property. The proposed policy changes were presented to the Highway Committee this month for review and consideration and will be brought to the Full Board in August for approval.
ACTIONS TAKEN	N/A



HIGHWAYS COMMITTEE AGENDA

BOARD OF TRANSPORTATION AUGUST 1, 2018

TIME: 2:10 PM – 3:30 PM

LOCATION: 150

TOPIC	PRESENTER	TIME
Call to Order Roll Call Declaration of Quorum Approval of May 30, 2018 Meeting Minutes	Cullie Tarleton, Chair	2:10 pm
FEMA Update and Recent Weather Events	Emily McGraw, P.E., NCDOT State Road Maintenance Engineer	2:15 pm
Division 14 Storm Recovery	Brian Burch, P.E., Division Engineer, Division 14	2:30 pm
NCDOT's Procedures for Route Naming	J. Kevin Lacy, P.E., State Traffic Engineer, NCDOT Transportation Mobility and Safety	2:45 pm
Other Discussion	Cullie Tarleton, Chair	3:15 pm
Adjourn	All	3:30 pm



NORTH CAROLINA

Department of Transportation



Division 14 Emergency Response

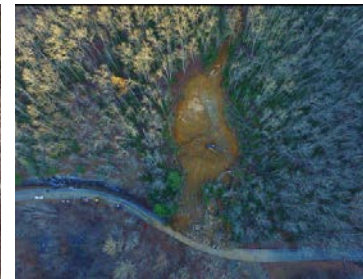
August 1, 2018

Brian C. Burch, PE • Division 14 Engineer



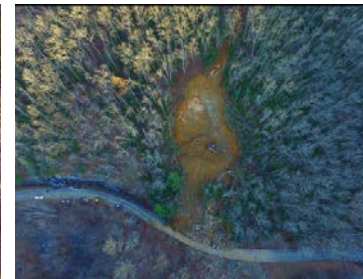
Division 14 Challenges – Rockfall/Slides/Floods

- NC 28 Slide near Fontana Dam - \$1.3 Million
- US 129 Retaining Wall - \$1.7 Million
- Various Routes in Transylvania County - \$600,000
- Polk County May Flood Event – \$6.5M Spent, \$11M Estimated
- NC 9 Slide - \$1.49 Million



Division 14 Priorities – Rockfall/Slides/Floods

- I. Protect the Safety of the Traveling Public
 - Assess Situation and Risk to Motorists and Employees
 - Notify Emergency Management and STOC
 - Install Barricades and/or Detours
 - Communicate Status









US 176 Saturday, May 19







Warrior Drive







News Release

For Immediate Release

date: May 20, 2018

contact: David Uchiyama
duchiyama@ncdot.gov
(828) 251-6171

NCDOT Requesting Expedited Contract of Storm Repair
U.S. 176 traffic limited to local, emergency vehicles
only

SYLVA – The N.C. Department of Transportation is requesting a non-declared emergency provision to hire contractors immediately to assist with storm damage recovery in Polk County.

"We are doing everything possible to clean up the damage and get the highway open as soon as possible for the residents of Polk County," Division 14 Engineer Brian Burch said. "The storms were devastating to the area, and a disruption to the daily lives of citizens.

"We know everything won't be exactly as before, but we'd like for things to return to as normal as possible as soon as possible."

Severe rain and thunderstorms on Friday night closed Interstate 26 for about 6 hours, U.S. 176 and multiple secondary roads in the county for longer periods of time.

The provision would expedite the process of local NCDOT officials hiring a contractor cleanup, debris removal, culvert replacements, shoulder repair, guardrail restoration and other restorations. Early estimates for the contract range from \$1.5-2 million.

A mudslide along with ensuing cleanup and repairs will require several weeks for NCDOT and contractor crews to complete. Additional NCDOT crews from Henderson, Haywood and Transylvania counties assisted with cut-and-shove operations over the weekend.

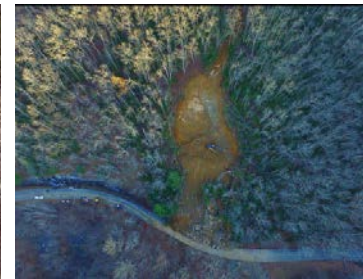
U.S. 176, east of Saluda and near Thompson Road, is closed to through traffic and observers. Only local and emergency traffic is allowed through the closure.

The detour for westbound traffic involves taking N.C. 108 from the Tryon Area to I-26 West to Exit 59 and Ozone Drive back to U.S. 176. The opposite applies for

Division 14 Priorities – Rockfall/Slides/Floods

II. Restore Roads and Bridges

- Clear Roads of Storm Debris
- Determine Repairs via Force Account/Construction
- Mobilize Assets within Division/State
- Disaster Funding – Identify Sites/Estimates
- Utilize Emergency Contracts
- Communicate Status



















Asset Management Environmental Geotechnical GIS Hydraulics Materials & Tests Photogrammetry Specifications Structures Traffic Safety

Disaster Recovery

Internal and external agency support for declared and state disasters.

Home Connect NCDOT Resources Asset Management Disaster Recovery

Disaster Recovery

The Disaster Recovery Section provides support to both internal and responding to and recovering from federally declared and non-declared disasters. When a disaster is declared, this section conducts its operations out of the State Emergency Operations Center. The Disaster Recovery Section is the liaison between NCDOT and other members of the State Emergency Management Team.

Contact Us

The contact person for Disaster Recovery is Josh Kellen: 919-733-2222. You can also contact him via email: josh.kellen@ncdot.gov

[Contact Us](#)

MOA Participants

The Memorandum Of Agreement (MOA) is a formal agreement between NCDOT and local governments which NCDOT releases authority to local governments to pick up and dispose of debris from NCDOT roads after a federal emergency declaration is made.

Connect NCDOT BUSINESS PARTNER RESOURCES

Home Help Site Map

Doing Business Bidding & Letting Projects **Resources** Local Governments

Search...



Asset Management Environmental Geotechnical GIS Hydraulics Materials & Tests Photogrammetry Specifications Structures Traffic Safety

Manuals

Home Connect NCDOT Resources Asset Management Manuals

[Emergency Response and Procedures Manual 2010](#)



[Emergency Response Guide 2008](#)



[Outdoor Advertising Manual Part 1](#)



[Outdoor Advertising Manual Part 2](#)



[Subdivision Manual January 2000.pdf](#)



[Subdivision Manual January 2010.pdf](#)



[Training Catalog](#)



[Subdivision Manual Jan 2010_Revised May 2016](#)



State Maintenance Operations Content

Disaster Recovery

Internal and external agency support for declared and non-declared state disasters.

Interstate Maintenance Preservation Program (IMPP)

Extends the service life of existing interstates, bridges and roadside features through strategies designed to prevent deterioration.

Outdoor Advertising

Resources for outdoor advertising and roadways signs.



Tweet

HAPPENING NOW:

@NC_Governor is assessing the damage here near Bat Cave. This landslide happened early Tuesday morning.



6/9/18, 5:43 PM



NCDOT Western Mts

@NCDOT_Westmtn

Follow

The damage from mudslides in Polk County is extensive. NCDOT crews have been, and will continue, working until the roads are clear and safe for everybody. View scenes from Monday on U.S. 176: bit.ly/2s0cmND



7:42 AM - 22 May 2018

- Responding to Emergency Situations
 - Have Adequate Personnel and Equipment for Initial Response
 - Retain Subject Matter Experts to Provide Solutions
 - Utilize Contractors for Construction of Repairs
 - Working Knowledge of Resources Available
 - Utilize Communications Office





Questions?



MULTI-MODAL TRANSPORTATION COMMITTEE

MEETING MINUTES

DATE: 05-30-2018 TIME: 2:11 LOCATION: EIC Room

MEETING CALLED BY	Chairman Andrew Perkins
BOARD ATTENDEES	Valerie Jordan, Hugh Overholt, Billy Clarke, Allen Moran

AGENDA TOPICS

1. MEETING CALL TO ORDER AND APPROVAL OF MAY 30, 2018 MINUTES – CHAIRMAN PERKINS	
DISCUSSION SUMMARY	Chairman Perkins called the Committee to order and asked for a motion to approve the minutes as distributed.
ACTIONS TAKEN	A motion to approve May 30, 2018 minutes as distributed was made by Mr. Billy Clarke and seconded by Mr. Hugh Overholt. The Committee approved unanimously.

2. MULTI-MODAL TRANSPORTATION UPDATE – JULIE WHITE	
DISCUSSION SUMMARY	<ul style="list-style-type: none">• Rail – Completed interviews for Rail Director, however, position may have to be reposted as we missed the deadline for the Class/Comp Study Implementation. Continuing our work on a proactive strategy on CSX asset sales. Spoke at the NC Railway Association meeting on how the State and NCDOT support economic development via our freight rail investments. We are in discussion with the NCRP on a shared effort to build an awareness of how freight investments help our State's economy. Happy to report that the NCRP has informed us that they have an interest in partnering on a passenger station in Harrisburg. Discussions regarding the partnering have started.• Bike/Ped –3 vacancies right now. Working with Highway side to ensure we complete the Secretary's request to review all projects in the pipeline for Complete Streets adherence. May was declared Bike Month by Governor Cooper. Chief Deputy Secretary Howard attended a Bike to School celebration in Smithfield. Hanna has been on the road quite a bit helping local communities solve problems including Durham, Seagrove, and Elizabeth City. Lastly, she has shared a copy of the study we were required by the NCGA to do on our planning grants coming to fruition. One page



MULTI-MODAL TRANSPORTATION COMMITTEE

MEETING MINUTES

	<p>to provide which highlights the impediment of the 20% local match. This mimics what you heard from the MPO/RPO's last month.</p> <ul style="list-style-type: none"> • Ferry – Good Stakeholder group meeting. Passenger Ferry has slipped to late Summer or early Fall due to the lack of aluminum Certified Marine Welders. Looking at working with the RPO to submit an application for a robust tram and sidewalk/dock project for BUILD. Minimum \$1M. \$1.5B up for grabs. Visited Southport Ferry. Looking to do an upgrade of the facility. Also looking to monetize opportunities. We are reviewing our uniforms to embrace new technology fabrics to ensure UV protection for our workforce. • Aviation – Completed deploying all our \$50M commercial service airport funds for FY18. Already working to deploy the FY19 and expect that to be done in the first quarter.
ACTIONS TAKEN	N/A

3. FUNDING ITEMS (PTD, RAIL, BIKE & PED, AVIATION AND FERRY)	
DISCUSSION SUMMARY	Information was presented by Multi-Modal Directors for the Committee's Approval.
ACTIONS TAKEN	<ul style="list-style-type: none"> • Motion to approve Public Transportation funding items and Charlotte Blue Line Amendment made by Chairman Perkins and seconded by Mr. Allen Moran. • Motion to approve Rail funding items made by Mr. Hugh Overholt and seconded by Mr. Allen Moran. • Motion to approve Bike & Ped funding items made by Mr. Billy Clarke and seconded by Mr. Allen Moran. • Motion to approve Aviation funding items made by Mr. Hugh Overholt and seconded by Allen Moran. <p>The Committee approved unanimously.</p>



MULTI-MODAL TRANSPORTATION COMMITTEE

MEETING MINUTES

4. COMPLETE STREETS POLICY REVIEW – NICOLE H. BENNETT, AICP, CAROLINA PLANNING AND ENVIRONMENTAL GROUP	
DISCUSSION SUMMARY	<p>Complete Streets Policy Review – Phase I was presented by Nicole Bennett, WSP USA. The presentation covered the history of Complete Streets in NC, an evaluation of NCDOT's current Complete Streets Policy, and a summary of the feedback received from stakeholders that touched on issues related to policy, project development, accountability, institutional barriers, funding, performance measures, equity and design guidelines. The presentation concluded with examples of efforts to implement Complete Streets in other states.</p> <p>Ms. Bennett indicated the department was in the process of completing Phase II of the Complete Streets Policy Review. Review should be completed in 3-4 months.</p>
ACTIONS TAKEN	No Action Taken

Adjourned 2:58 PM



MULTI-MODAL TRANSPORTATION COMMITTEE AGENDA

BOARD OF TRANSPORTATION AUGUST 1, 2018

TIME: 2:10 PM

LOCATION: EIC ROOM

TOPIC	PRESENTER	TIME
Call to Order Roll Call Declaration of Quorum Approval of May 30, 2018 Meeting Minutes	Vice Chairwoman, Nina Szolsberg-Landis	2:10 PM
Multi-Modal Transportation Update	David Howard Chief Deputy Secretary	2:15 PM
Funding Items (Public Transportation and Rail)	Multi-Modal Directors	2:25 PM
Rural and Metropolitan Perspectives on Multi-Modalism	Beau Mills, N.C. Metro Mayors Coalition Patrick Woodie, N.C. Rural Center	2:35 PM
Adjourn	Board Member	3:30 PM



ROAD/BRIDGE/FERRY NAMING COMMITTEE AGENDA

BOARD OF TRANSPORTATION AUGUST 1, 2018

TIME: 10:30-11:15 AM

LOCATION: Room 160

TOPIC	PRESENTER	TIME
Call to Order Roll Call Declaration of Quorum Approval of June 2018 Road/Bridge/Ferry Naming Committee Meeting Minutes	Mike Fox, Chair	10:30 AM
Review of Submitted Applications	Dom Ciaramitaro	10:35 AM
Discussion General Assembly Bridge Namings	Dom Ciaramitaro	10:40 AM
Road Bridge Ferry Naming Committee Policy Update	Dom Ciaramitaro	10:55 AM
Update on GIS Efforts	Francia Thomas	11:10 AM
Adjourn	All	11:15 AM



NORTH CAROLINA
Department of Transportation



Naming, Numbering and Designating NCDOT Facilities

Kevin Lacy, PE, State Traffic Engineer

August 1, 2018

Why does this matter?

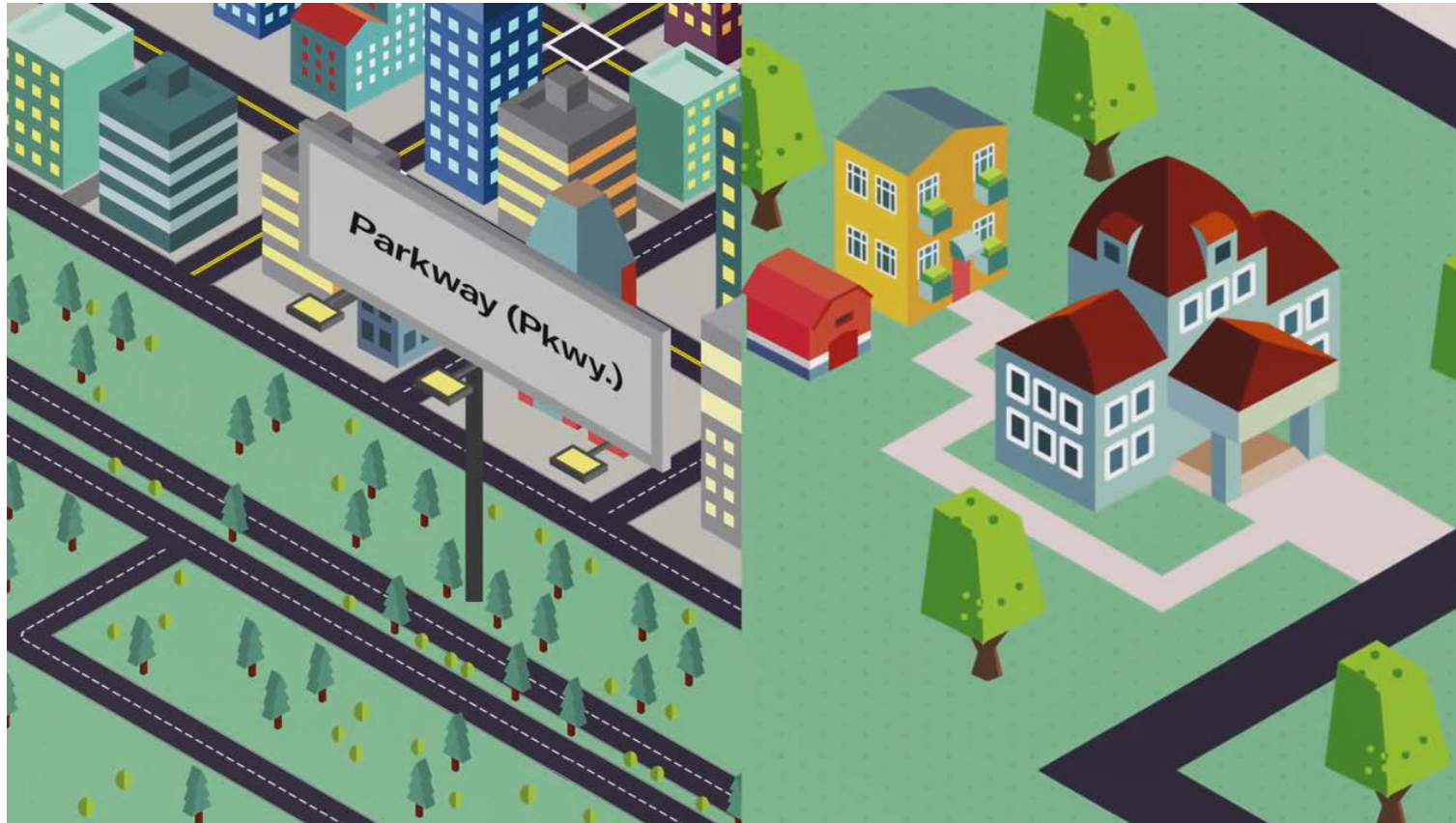
We receive a considerable amount of questions from many sources - from constituents, Planning Organizations, Traffic Engineers, Division and Department Staff, Board of Transportation Members, the General Assembly, US Legislators, and more – people are interested in how they can name, number, or designate things.



Outline

- Terms of Reference
- Differences in Naming, Numbering, and the Law
- How we Name a Road
 - Municipal
 - County
 - State Maintained
- Naming vs Numbering Secondary Roads
- How we give Honorary Designations

Why do you drive on a Parkway and park on a Driveway?



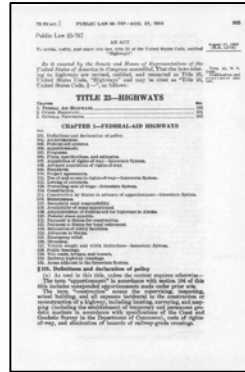
Terms of Reference

- Several organizations and publishers denote roads in different ways
- Organizations
 - Federal Highway Administration, Manual on Uniform Traffic Control Devices (MUTCD)
 - American Association of State Highways and Transportation Officials (AASHTO)
 - Institute of Transportation Engineers (ITE)
 - Transportation Research Board (TRB)
 - United States Postal Service (USPS)
- Traffic Engineering Text Books
- Statutes, Code and Policies
 - NC Law, Chapter 136 – Transportation
 - NC Code, 19A NCAC 02B
 - US Code, Title 23 - Highways

Terms of Reference

US Code; Title 23 Highways

Federal-aid highway
Highway
Interstate system
National highway system
Public road
Tribal transportation facility



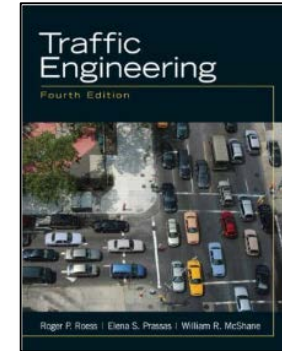
NC Code; Title 136 Transportation

Controlled-access facility
Frontage road
Bikeway
Scenic Byway
Interstate system
Primary systems
Local service roads
Secondary road system
Principal County Routes
County Roads
Subdivision Streets
Collector Roads
State Highway System
Municipal Street System
Neighborhood public roads



Traffic Engineering Text Book

Rural Areas
Interstate
Primary
Secondary
Tertiary
Urban Areas
Freeway
Arterial
Collector
Local
Highways, street or road
Arterial Highway
Expressway
Freeway
Parkway
Major Street / Major Highway
Through street / through highway
Local street / local road



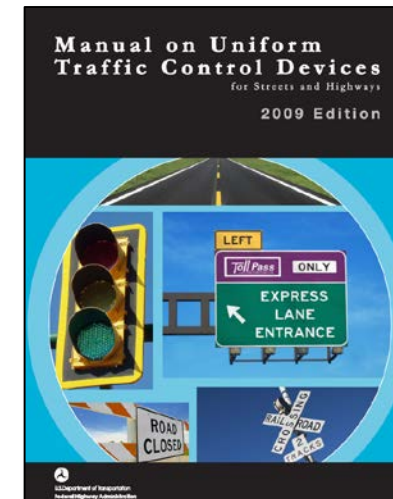
Terms of Reference

MUTCD

Alley
 Approach
 Arterial Highway (Street)
 Attended Lane (Manual Lane)
 Automatic / Exact Change Lane
 Barrier-Separated Lane
 Bicycle Facilities
 Bicycle Lane
 Bikeway
 Buffer-Separated Lane
 Circular Intersection
 Circulatory Roadway
 Collector Highway
 Concurrent Flow Preferential Lane
 Contiguous Lane
 Conventional Road
 Counter-Flow Lane

Dropped Lane
 Expressway
 Freeway
 Highway
 HOV Lane
 Interchange (Major / Minor)
 Intermediate Interchange
 Intersection
 Major Interchange
 Multi-Lane
 Open-Road ETC Lane
 Pathway
 Pedestrian Facilities
 Preferential Lane
 Private Road Open to Public Travel
 Public Road
 Road / Roadway
 Roadway Network

Roundabout
 Rural Highway
 Shared Roadway
 Highway / Street (Major / Minor)
 Shared-Use Path
 Special Purpose Road
 Toll Lane
 Traveled Way
 Turn Bay
 Urban Street



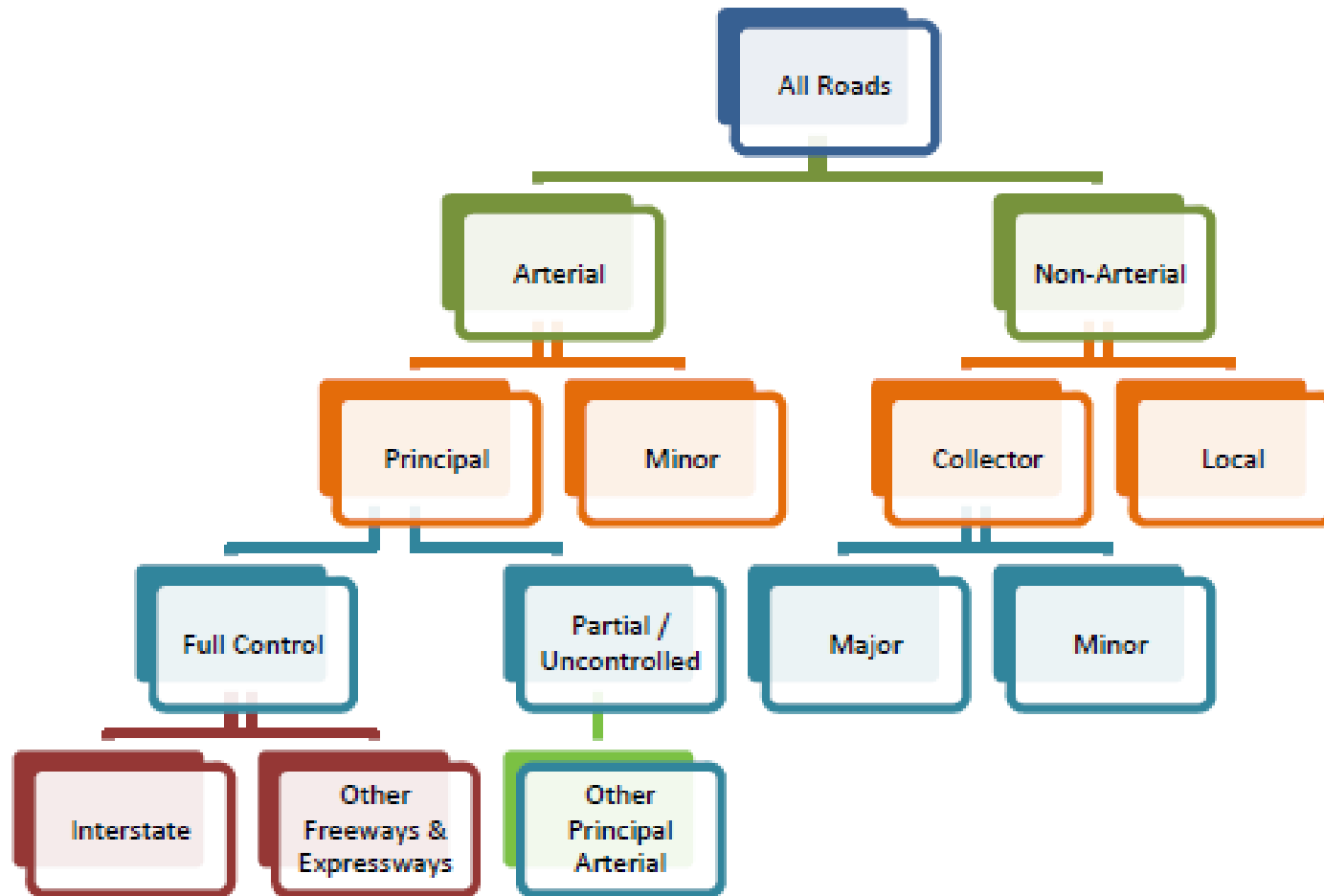
Terms of Reference

United States Postal Service

Alley	Cliff(s)	Ferry	Island(s)	Mountain(s)	Rapid(s)	Throughway
Anex	Club	Field(s)	Isle	Neck	Rest	Trace
Arcade	Common(s)	Flat(s)	Junction(s)	Orchard	Ridge(s)	Track
Avenue	Corner(s)	Ford(s)	Key(s)	Oval	River	Trafficway
Bayou	Course	Forest	Knoll(s)	Overpass	Road(s)	Trail
Beach	Court(s)	Forge(s)	Lake(s)	Park(s)	Route	Trailer
Bend	Cove(s)	Fork(s)	Landing	Parkway(s)	Row	Tunnel
Bluff	Creek	Fort	Lane	Pass	Rue	Turnpike
Bottom	Crescent	Freeway	Light(s)	Passage	Run	Underpass
Boulevard	Crest	Garden(s)	Loaf	Path	Shoal(s)	Union(s)
Branch	Crossing	Gateway	Lock(s)	Pike	Shore(s)	Valley(s)
Bridge	Crossroad(s)	Glen(s)	Lodge	Pine(s)	Skyway	Viaduct
Brook(s)	Curve	Green(s)	Loop	Place	Spring(s)	View(s)
Burg(s)	Dale	Grove(s)	Mall	Plain(s)	Spur(s)	Village(s)
Bypass	Dam	Harbor(s)	Manor(s)	Plaza	Square(s)	Ville
Camp	Divide	Haven	Meadow(s)	Point	Station	Vista
Canyon	Drive(s)	Heights	Mews	Port(s)	Stravenue	Walk(s)
Cap	Estate(s)	Highway	Mill(s)	Prairie	Stream	Wall
Causeway	Expressway	Hill(s)	Mission	Radial	Street(s)	Way(s)
Center(s)	Extension(s)	Hollow	Motorway	Ramp	Summit	Well(s)
Circle(s)	Fall(s)	Inlet	Mount	Ranch	Terrace	

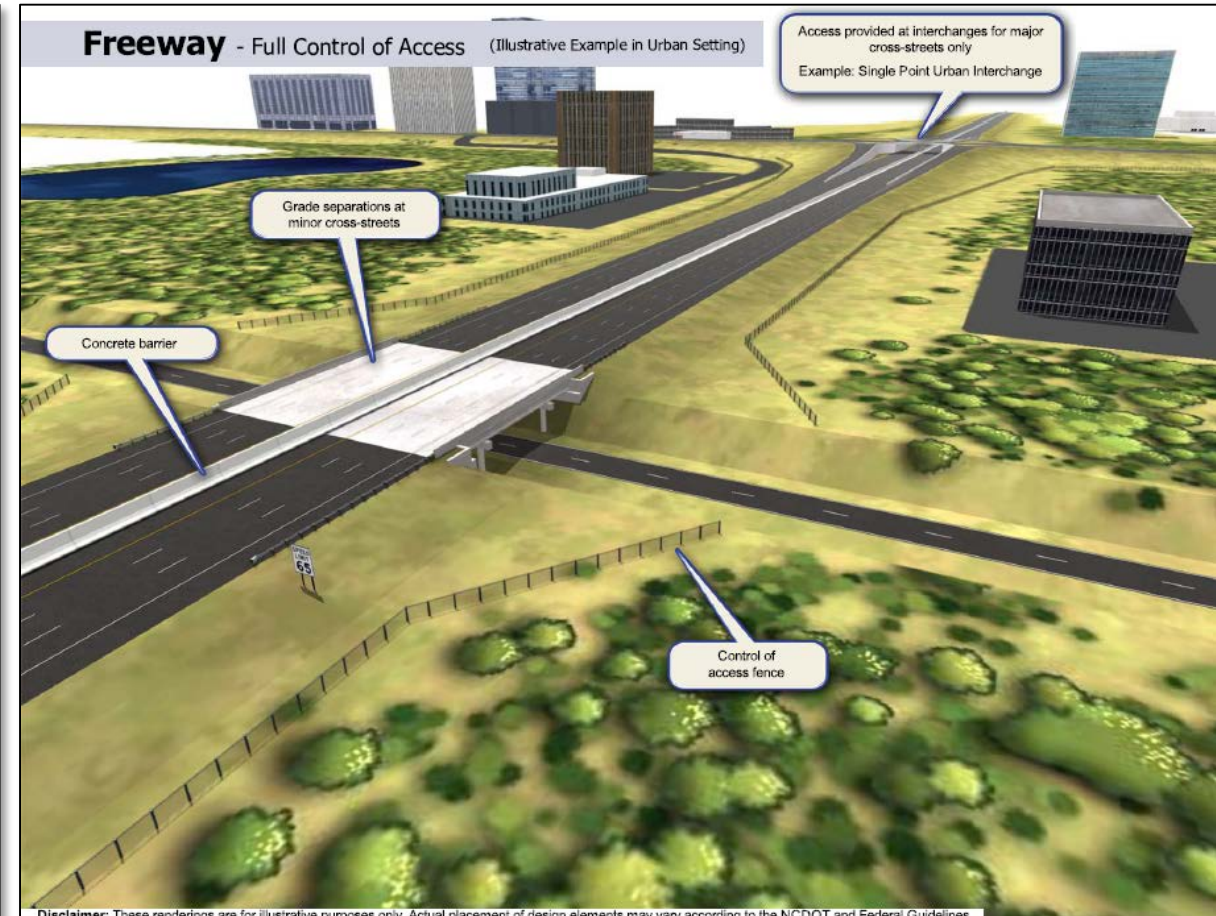
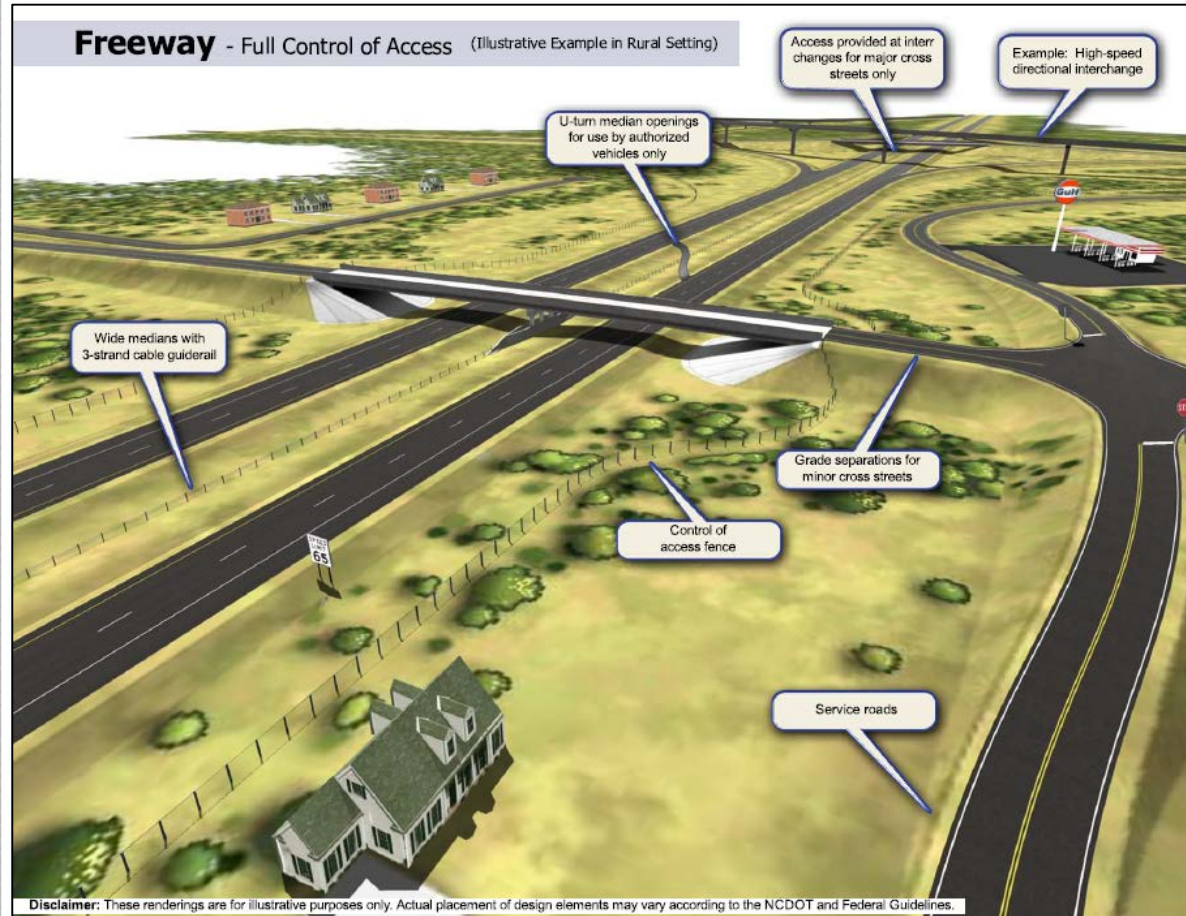
Terms of Reference – Federal Highway Administration

Figure 3-4: Federal Functional Classification Decision Tree



Source: FHWA and CDM Smith

Terms of Reference – NC Facility Types (Aug 2005)



Terms of Reference – NC Facility Types (Aug 2005)

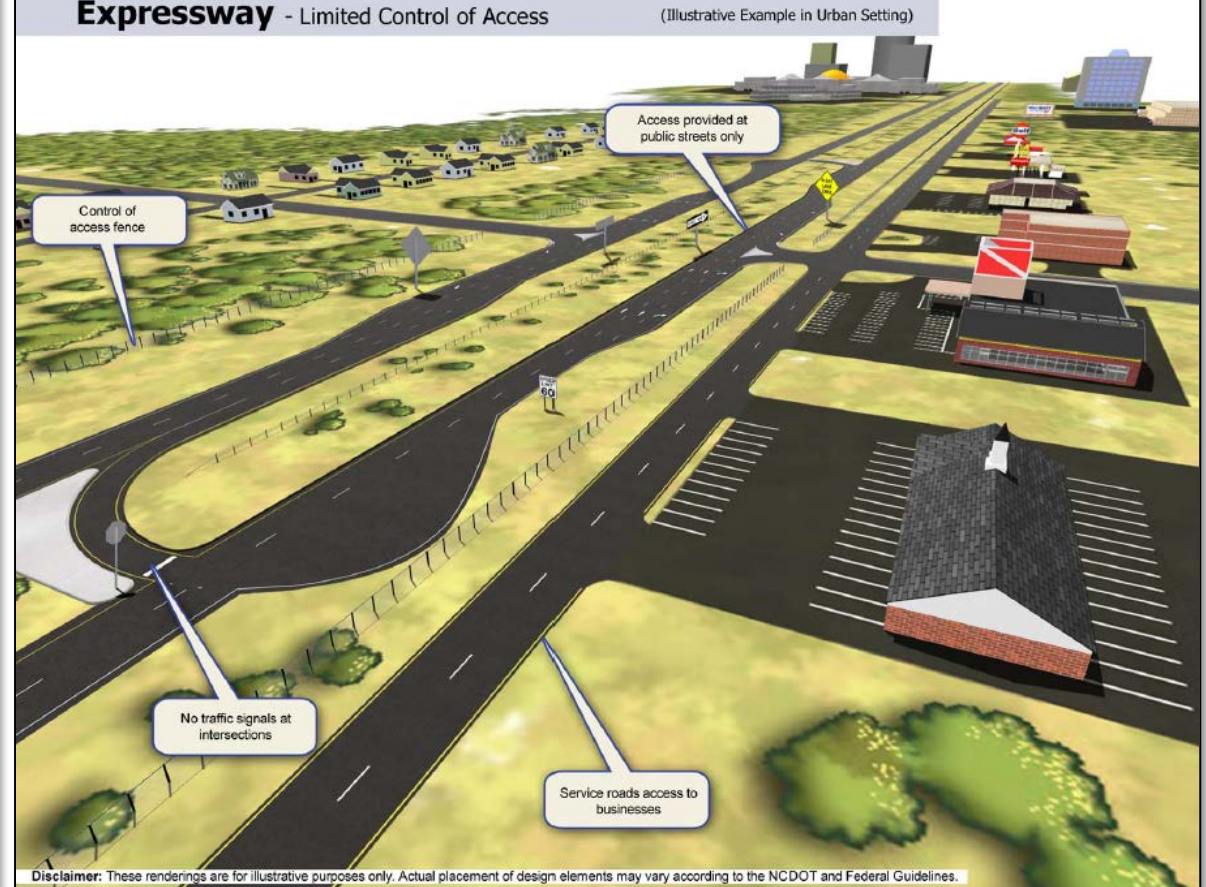
Expressway - Partial Control of Access

(Illustrative Example in Rural Setting)

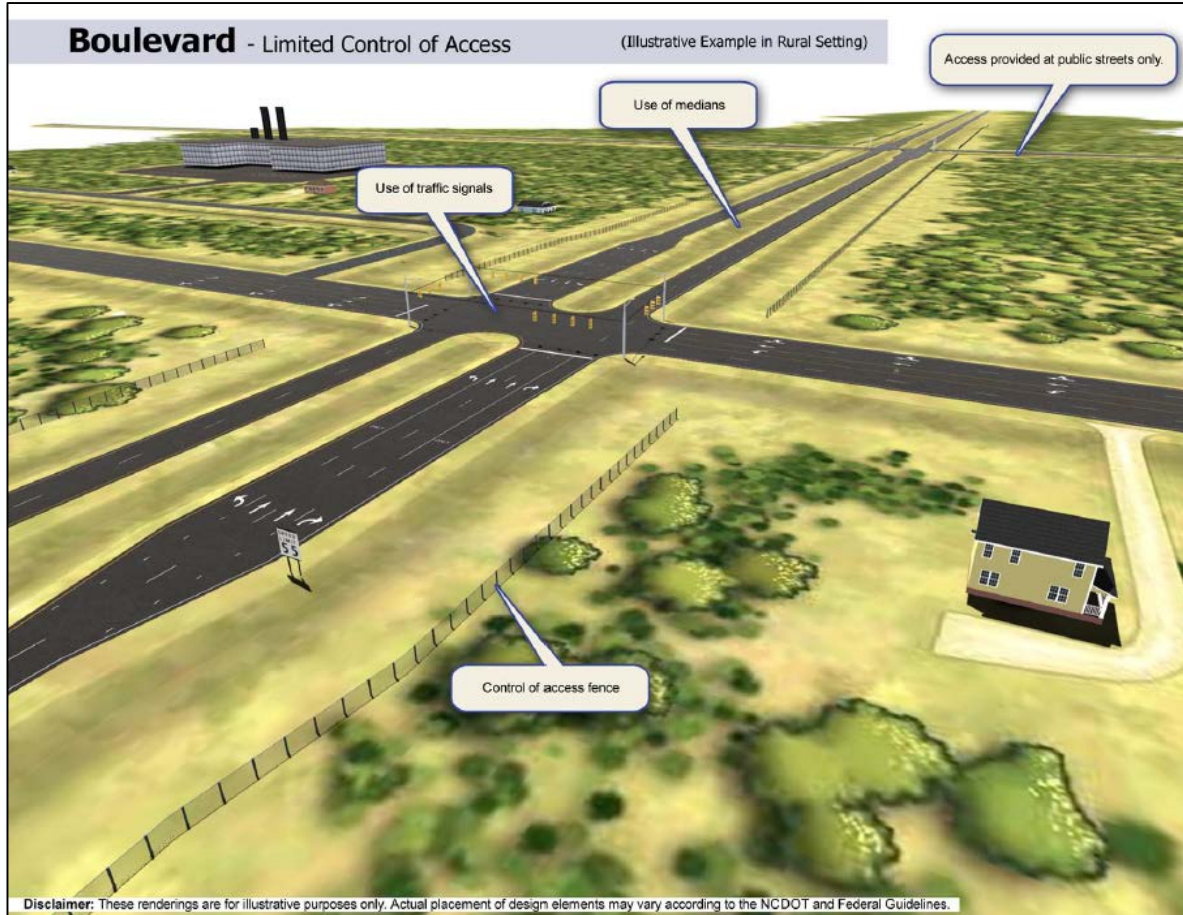


Expressway - Limited Control of Access

(Illustrative Example in Urban Setting)



Terms of Reference – NC Facility Types (Aug 2005)



Terms of Reference – NC Facility Types (Aug 2005)

Thoroughfare - No Control of Access (Illustrative Example in Rural Setting)



Thoroughfare - No Control of Access (Illustrative Example in Urban Setting)



Disclaimer: These renderings are for illustrative purposes only. Actual placement of design elements may vary according to the NCDOT and Federal Guidelines.

Terms of Reference – NC Facility Types (Aug 2005)

	Freeways	Expressways	Boulevards	Thoroughfares
Functional Purpose	High Mobility, Low Access	High Mobility, Low to Moderate Access	Moderate Mobility, Low to Moderate Access	Moderate to Low Mobility, High Access
AASHTO Design Classification	Interstate or Freeway	Arterial	Arterial or Collector	Collector or Local
Posted Speed Limit	55 mph or greater	45 mph to 60 mph	30 mph to 55 mph	25mph to 55 mph
Control of Access	Full	Limited or Partial	Limited or Partial	None
Traffic Signals	Not Allowed	Not Allowed	Allowed	Allowed
Driveways	Not Allowed	Limited Control of Access - Not Allowed Partial Control of Access - One Driveway Connection per Parcel; Consolidate and/or Share Driveways and Limit Access to Connecting Streets or Service Roads; Restrict to Right-in/Right-out	Limited Control of Access - Not Allowed Partial Control of Access - One Driveway Connection per Parcel; Consolidate and/or Share Driveways and Limit Access to Connecting Streets or Service Roads; Restrict to Right-in/Right-out	Allowed with Full Movements; Consolidate or Share Connections, if possible
Cross-Section	Minimum 4 Lanes with a Median	Minimum 4 Lanes with a Median	Minimum 2 Lanes with a Median	Minimum 2 Lanes; No Median; Includes Facilities with Two Way Left Turn Lane
Connections	Provided only at Interchanges; All Cross Streets are Grade-Separated	Provided only at Interchanges for Major Cross Streets and At-Grade Intersections for Minor Cross Streets; Use of Acceleration and Deceleration Lanes for At-Grade Intersections	At-Grade Intersections for most Major and Minor Cross Streets (Occasional Interchange at Major Crossing); Use of Acceleration and Deceleration Lanes	Primarily At-Grade Intersections
Median Crossovers	Public-use Crossovers Not Allowed; U-turn Median Openings for Use by Authorized Vehicles Only when Need is Justified	Allowed; Alternatives to All-Movement Crossovers Encouraged; Minimum Spacing between All-Movement Crossovers is 2000 feet (posted speed limit of greater than 45 mph) or 1200 feet (posted speed limit of 45 mph or less)	Allowed; Minimum Spacing between All-Movement Crossovers is 2000 feet (posted speed limit of greater than 45 mph) or 1200 feet (posted speed limit of 45 mph or less)	Not Applicable

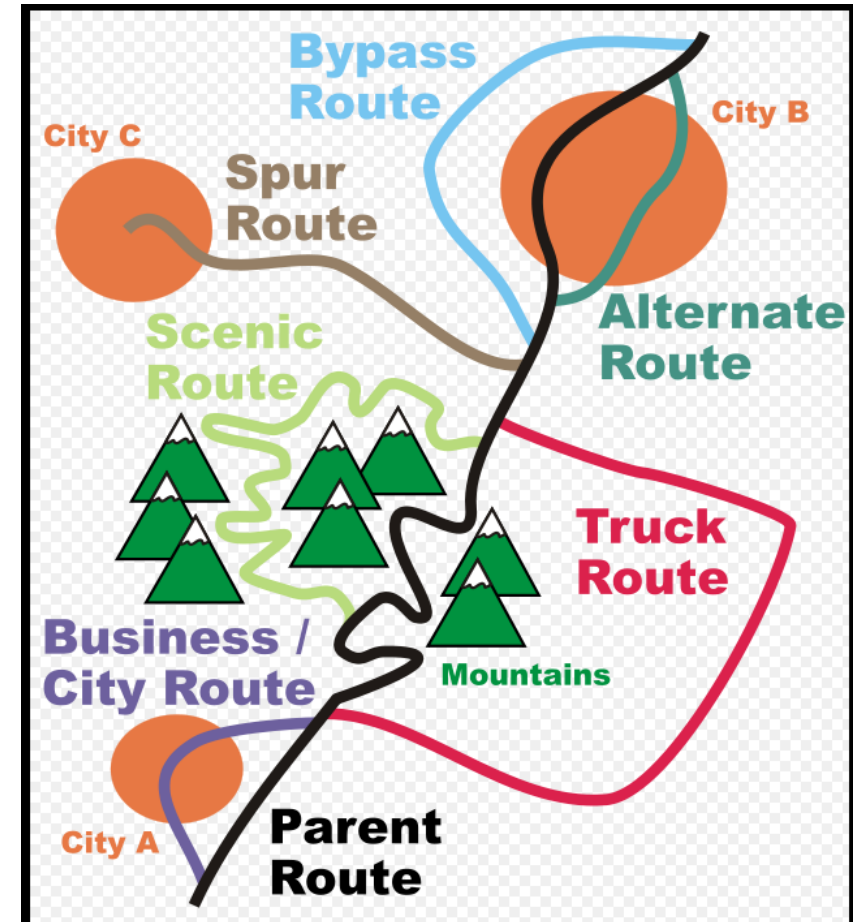
Terms of Reference –Special Routes

AASHTO Routes

- Business Route
- Bypass Route
- Alternate Route
- Temporary Route

Other NC Special Routes

- **Truck Route:** Alternate route when a mainline route is ill-suited for large truck travel with obstacles or with conditions that could create dangerous situations to smaller vehicles
- **Scenic Route:** NC Scenic Byways (Roadside Environmental Unit)
- **Spur routes:** Splits from the parent route without returning; usually ends in an area not served by the parent
- **** Connector:** Spurs that connect the parent route with a nearby prominent route, usually an Interstate highway



Terms of Reference – In General

Road: Anything that connects two points

Way: Small side street off of a road

Streets: Public ways with buildings and/or trees on both sides (Run perpendicular to avenues)

Avenues: Public ways with buildings and/or trees on both sides (Run perpendicular to streets)

Boulevard: Wide Street or Avenue with trees on both sides (4+ lanes, typically with median)

Lane: Narrow road in rural area

Drive: Long winding road shaped by the terrain (mountain, lake, etc)

Terrace: Street that follows the top of a slope

Place: Road or Street with no through way

Court: Road that ends in a circle or loop without a through way

Plaza or Square: Rectangular road that surrounds open business or public space

Frontage, Access or Service Road: Road that runs parallel to a larger road that provides local access

Highway: Major public road that connects larger cities

Interstate: Part of a highway system that may or may not connects states (federally funded)

Turnpike: Part of a highway, typically tolled

Freeway: Highway with 2 or more lanes per direction of travel (full access control)

Beltway: Highway that surrounds a city

Parkway: Decorated public road, usually denoted by park land on sides of the road

Junction: Where 2 roads cross

Interchange: Where 2 roads cross at different grades

Intersections: Where 2 roads cross at grade

Causeway: Roads that pass above low or swampy water

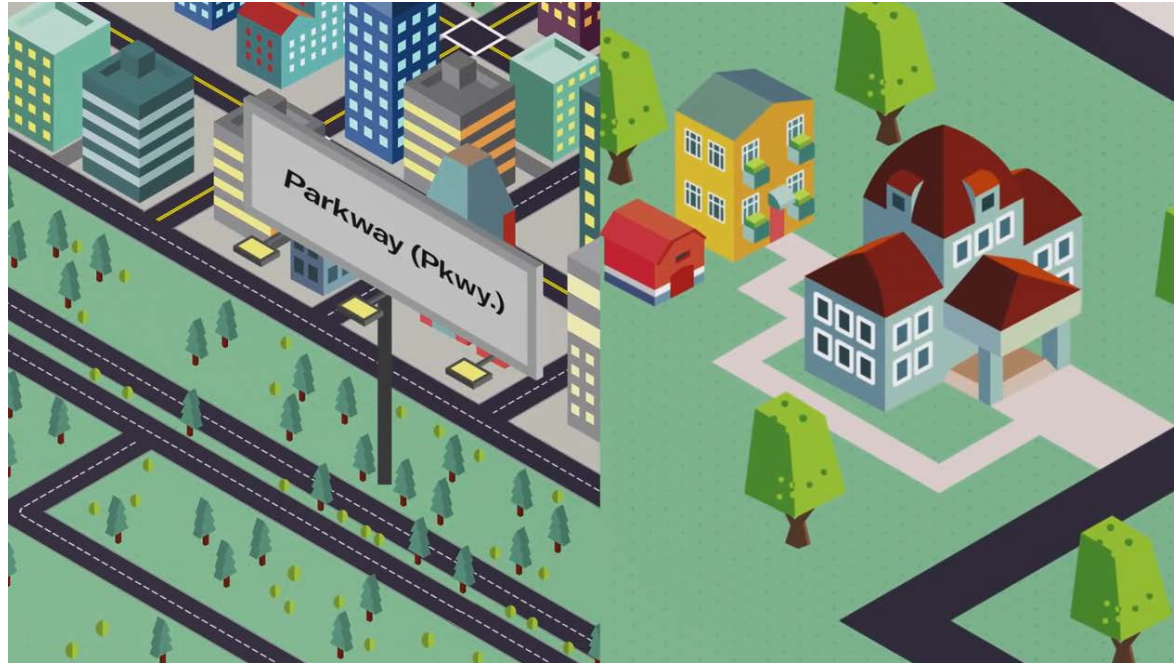
Crescent: Winding roads that resemble a crescent and is attached to a road at both ends

Alley: Small pathway between buildings (may or may not be drivable)

Esplanade: Long open path near the ocean (Promenade if only for walking)

* **Note:** According to NC DOT Standard Specifications for Roads and Structures, a **Highway** is a general term denoting a public way for purposes of vehicular travel, including the entire area within the right of way - synonymous with Road and Street.

Why do you drive on a Parkway and park on a Driveway?



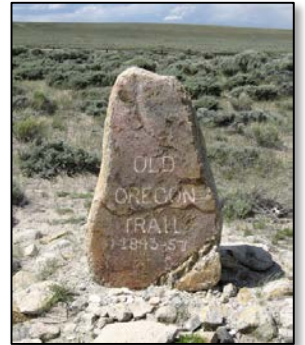
- Parkways are normally pastoral and have “park land” on the sides or in the median of the road
- Driveways used to be longer, and were “ways” off of “drives”

History of Names and Numbers

Why the need for numbering?

- The trails were a product of the pioneer days of auto travel when government took little interest in interstate roads. The named trails movement began in the early 1910's, with the National Old Trails Road (Baltimore to Los Angeles) and the Lincoln Highway setting the pattern. **Boosters selected a route over existing--often, just barely existing--roads, gave it a colorful name, formed an association to promote the trail, and collected dues from businesses and towns along the way.**
- On February 20, 1925, Secretary of Agriculture Howard M. Gore approved appointment of the Joint Board on Interstate Highways, as recommended by AASHO. He stated that he was taking this action, at the unanimous request of the State highway agencies, because **"the general public in traveling over the highways through the several States encounters considerable confusion because of the great variety of direction signs and danger signs."**
- ...the Lincoln Highway Association had to admit that, "Highway promotion, so called, has run rampant in the past five years." The association supported eliminating **"the confusing mass of contradictory and misleading, unmeaning highway markers which clutter up America's interstate roads today."**
- Numbered US Highways adopted on November 11, 1926 (~2 years later)

<https://www.fhwa.dot.gov/infrastructure/numbers.cfm>



Naming vs Numbering vs Designating

- **General Assembly:** Can name or designate via statute (rarely involved since delegated)
- **State (G.S. 136-18)**
 - DOT given power to **name** all State highways and change the names as determined by the Board of Transportation (BOT)
 - NC Code (19A NCAC 04A .0104): State Traffic Engineer subdelegated authority to change or extend **route numbers** on the primary highways (NC, US, **and Interstate routes**)
 - NC Code (19A NCAC 02B .0304) Secondary Roads numbered by Department, managed by Divisions / Chief Engineer Office
 - BOT **Policy**: Gives **honorary designations** to Roads and Bridges (does not affect postal addresses)
- **County (G.S. 153A-239.1)** (Affects postal addresses)
 - May by ordinance **name** or **rename** any road within the county and not within a city
 - A county may not:
 - 1) Change the name, if any, given to the road by the BOT, unless the BOT agrees;
 - 2) Change the number **assigned to the road by the BOT**, but may give the road a name in addition to its number; or
 - 3) Give the road a name that is deceptively similar to the name of any other public road in the vicinity.
- **City / Municipalities / Incorporated Areas** (BOT maintains ability to name / designate)

Naming vs. Designation

- Proposed language from BOT Road Bridge Ferry Naming Policy
 - **Designation:** Provide honorary status to a facility in which the NCDOT only installs signs recognizing the honorary status (I.E. Lieutenant Commander Geddie R Herring Highway)
 - Authority given by policy
 - **Naming:** Give or change the name of a highway as per NC G.S. § 136-18 (8) in which the postal addresses are reflected by the name
 - When the BOT names a highway, municipalities or counties cannot rename that section of highway.
 - Paid by the requestor (19A NCAC 02B .0216)
 - Authority given by G.S. 136-18
 - **Overlay:** A portion of a highway is given an honorary designation, but another honorary designation can also be included along that same / part of the section of highway (I.E. Blue Star Memorial Highway)
 - Authority given by policy

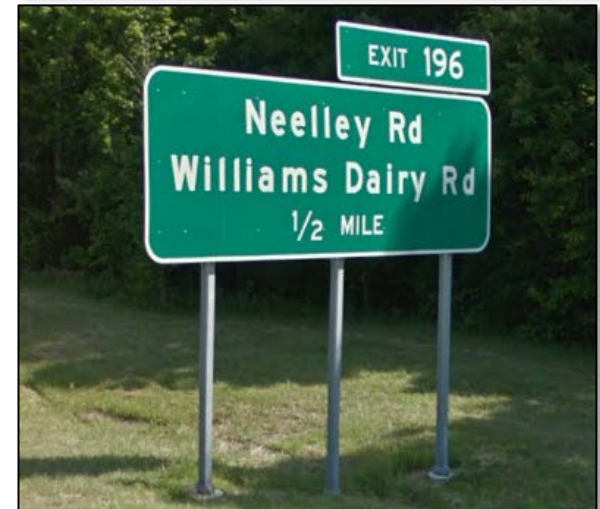
How we name roads in a municipality / county

- Complete an application with city / county
 - Select prioritized names (3-5) and number of roads
 - Gain consent of adjoining owners (may require petition)
 - Include detailed map / approved development plan
 - Fees range
- May have guidelines, for example:
 - A. An Individual person's name is not allowed.
 - B. Directionals and numbers are not allowed e.g. *North Star Ln*; *Four Corners Dr*
 - C. Punctuation is not allowed e.g. periods, hyphens, apostrophes.
 - D. All names must have an acceptable type e.g. Road, Lane, Path.
 - E. Double street types are not allowed: e.g. *Deer Path Lane*
 - F. Names must be easy to pronounce and should effect a positive connotation.
 - G. Names duplicating or sounding similar to existing names will be rejected.
 - H. Limit entire name to 13 characters in length, due to sign-space limitations.
- Relatively short turn-around
 - Could be less than 2 weeks
- Consideration given towards clear understanding for emergency responders



How we name or rename a state-maintained road

- Proposed additions to BOT Road Bridge Ferry Naming Policy
 - Strong local support via unanimous resolutions
 - Acknowledge that by changing the name of a road, also changes address
 - Should follow county / municipal road naming requirements
 - Counties / municipalities responsible for street signs & may need to reimburse the NC DOT for additional costs incurred for installing any signage
 - Roads names can be duplicated outside of the county or municipal limits
- Municipalities and Counties are **required** to coordinate with the NC DOT Division on the proposed road naming prior to passing a resolution
 - Common understanding between DOT and local government on:
 - Cost of Signs
 - Conflict or naming issues
 - Does not:
 - 1) Change the name, if any, given to the road by the BOT, unless the BOT agrees;
 - 2) Give the road a name that is deceptively similar to the name of any other public road in the vicinity
- Board of Transportation maintains power to unilaterally name or rename



How we number a Secondary Road

- Petition for abandonment or addition submitted by requestor to Division / District
- Division conducts field investigation to determine if petitioned road meets standards and proper right of way has been dedicated.
- Division forwards petition to Road Inventory Office, Operations Program Management (has District, Division Engineer and Board Member signature)
- Upon review, Road Inventory Office forwards petition to GIS for verification of location and distance
- Upon successful verification, GIS returns to the Road Inventory Office and the Road Inventory Office places the Petition onto the Item G of the Board of Transportation agenda
- Upon Board approval, the Petitions are stamped for approval by the Road Inventory Office
- GIS assigns the number, adding the road section to the system (and map)
- GIS sends a letter to the Division Engineer with the assignment
- Divisions contact requestor and Municipality / County / Division installs the sign
- ** Note: SR additions or abandonments through TIP and Div. based projects are not a Board function

North Carolina Official State Mileages											
	Public Roads	State Maintained	Interstate	Interstate Interchange	US HIGHWAYS	NC HIGHWAYS	PRIMARY	SECONDARY	Multiplex System	Other State Agency	Federal
2016**	106,423.61	75,980.01	1,277.07	40.68	6,000.89	8,194.42	115,256	64,543.94	22,793.88	918.68	3,236.40
2015	106,365.11	75,980.01	1,268.00	40.68	5,988.48	8,185.75	115,392.47	64,525.34	22,820.92	918.68	3,372.25
2014	106,262.11	75,578.04	1,263.04	40.68	5,570.16	8,175.77	115,893.68	64,514.39	22,434.47	918.68	3,375.61
2013	106,971.31	74,602.56	1,228.00	40.68	5,588.28	8,185.21	115,900.36	64,540.47	22,290.69	907.27	3,474.45
2012	106,881.24	74,115.56	1,179.31	70.25	5,623.87	8,138.67	116,008.36	64,873.86	22,565.61	907.47	3,472.20
2011	106,807.88	73,330.25	1,168.31	40.65	5,588.04	8,115.37	116,922.17	64,378.12	22,684.03	798.00	3,474.00
2010*	106,185.48	71,331.25	1,131.23	40.65	5,682.27	8,111.11	116,913.17	64,266.62	21,782.34	747.81	3,466.64
2009	103,373.63	71,438.31	1,125.45	40.68	5,572.05	8,117.80	116,893.34	64,592.97	21,400.15	747.81	3,467.36
2008	104,362.57	71,361.12	1,120.35	40.68	5,576.00	8,117.80	116,873.51	64,593.21	21,011.45	747.81	3,562.18
2007	103,673.58	70,342.30	1,083.01	40.66	5,572.34	8,137.29	116,833.26	64,209.19	20,842.00		
2006	103,164.86	70,248.28	1,083.50	40.66	5,578.11	8,116.79	116,805.64	64,263.64	20,125.67		
2005	102,837.38	70,844.17	1,043.96	45.68	5,518.19	8,116.61	116,763.53	64,594.64	19,824.43		
2004	102,471.34	70,815.01	1,016.70	66.07	5,513.79	8,080.37	116,764.42	63,910.09	19,547.79		

Mileage Change 2016 to 2014											
	Public Roads	State Maintained	Interstate	Interstate Interchange	US HIGHWAYS	NC HIGHWAYS	PRIMARY	SECONDARY	Multiplex System	Other state Agency	Federal
2016-2014	84.26	13.47	0.30	34.45	14.67	62.50	21.00	204.36	0.67	(132.85)	

*NCDOT changed from a non-time based inventory system to a more accurate GIS based inventory system in 2009. As a result, some year-to-year changes are lower than the mileage reported in 2008. This data shift is primarily due to the higher precision and accuracy that the GIS based inventory system provides.

** From October 2014 through October 2016, NCDOT transferred to a new IIS system and assets were sold from making any changes to the data. There is no official mileage for 2016.

Updated 7/27/2017

Page 1 of 1

North Carolina Department of Transportation Division of Highway Secretary Need Address Investigation Report									
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How we give honorary designation

(Road, Bridge or Ferry Honorary Designation)

- **Requesting party completes Application**

- Policy criteria: Age / Deceased; elected official; NC residency; local, state, national accomplishments; ***not named for any other road***, bridge or ferry; killed in line of duty; local support; family support; military – valorous medals

- **Division Office reviews application with Board Member and Division Engineer**

- Coordinates with requestor to develop and pass a formal resolution by city council and/or county commission
- Unanimously passed resolution(s) w/ meeting minutes
- Character certification form
- 3 x letters of recommendations
- Verification of family support
- Documentation affirming to pay for \$2000 administrative fee (sponsor, municipality, etc)
- Verification of valorous medal

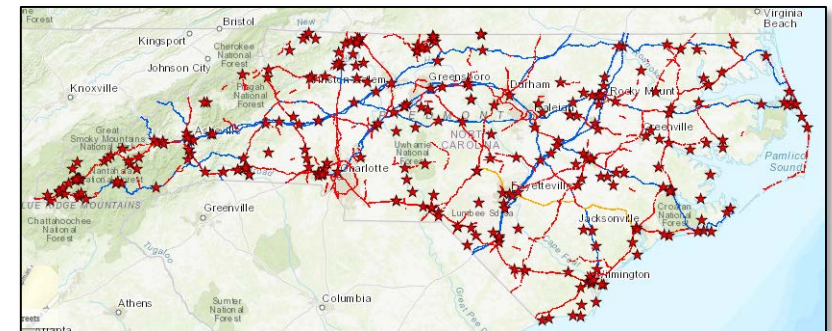


- **BOT Approval Process**

- Committee staff and Chief Engineer endorse packet
- Road Bridge Ferry Naming Committee votes on packet
- BOT votes and approves resolution

- **After approval**

- Sponsor pays \$2000 to Division Engineer office
- NCDOT Communications coordinates for dedication ceremony
- Division Install signs



* **Note:** If disapproved anywhere throughout the process, NCDOT notifies requesting party by phone, email, or letter

How we give honorary designation

(Veteran memorials - Blue Star, Gold Star, etc)

Blue Star Memorial Highway

- Dates back to 1949 as tribute to the nation's armed forces
- Designated by Highway Commission (1949), changed by General Assembly (1963), expanded by Board of Transportation (1978, 2001)
- Over 1300 miles designated in network including all interstates, US routes, and most NC routes – maximizes visibility of traveling public
- New interstate designations and segments are typically automatically added
- Additional Designations by law / statute:
 - US 70 designated “Blue Star Memorial and American Ex-Prisoners of War Highway ” (§ 136-102.1.)
 - I-95 through NC designated “Purple Heart Memorial Highway” (§ 136-18.5A)
 - Yadkin River Bridge, over the Yadkin River and between Rowan and Davidson Counties designated the “Yadkin River Veterans Memorial Bridge” (SL 2012-42, HB 490)

Gold Star Highway

- Originated from families of service personnel hanging a banner called a Service Flag with a gold star in the window of their homes to represent those who lost their lives in WWII
- Designated 165 miles of N.C. 24 that connects NC’s two largest military installations, Fort Bragg and Camp Lejeune, through Harnett, Cumberland, Sampson, Duplin, Onslow, and Carteret Counties



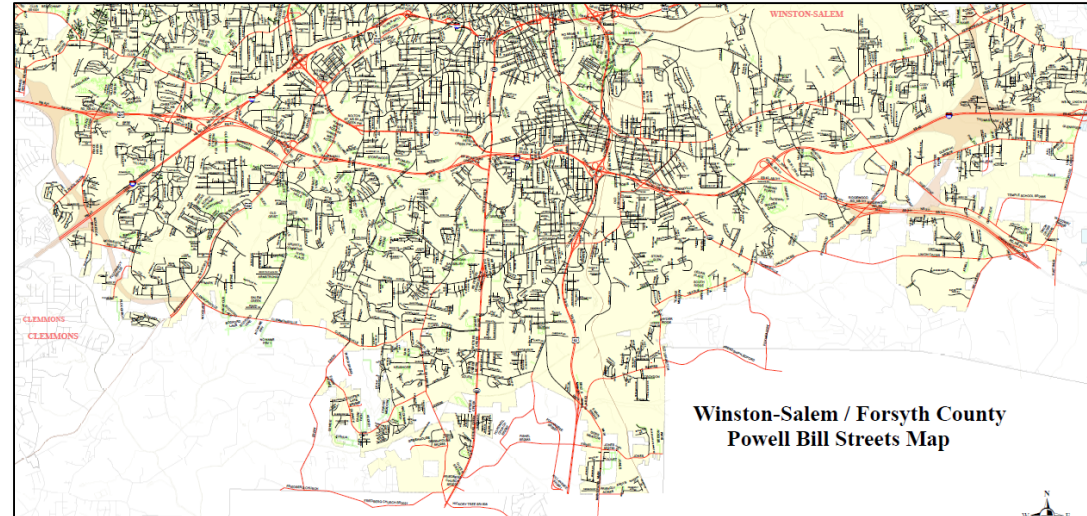
How we give other designations

- Adopt a Highway
 - Established in 1988 in response to growing public concern regarding litter
 - Administered by NCDOT's Roadside Environmental Unit
 - Joint effort between community volunteers and the Department to decrease the amount of litter on State roadsides, and to improve the beauty and quality of the environment
 - No fee; four year agreement between NCDOT and AAH; ~ 2 miles length of roadway
 - Two AAH signs with a recognition panel at each end of the adopted roadway
- Civil War Trail (Application through civilwartrails.org)
- Driving Trails
 - African American Heritage Trail
 - All American Adventure Trail
 - American Independence Trail
 - Antiquing Trail
 - Fish and Game Trail
 - Gaelic Beginnings Trail
 - Gullah Geechee Cultural Heritage Corridor
- Evacuation Routes

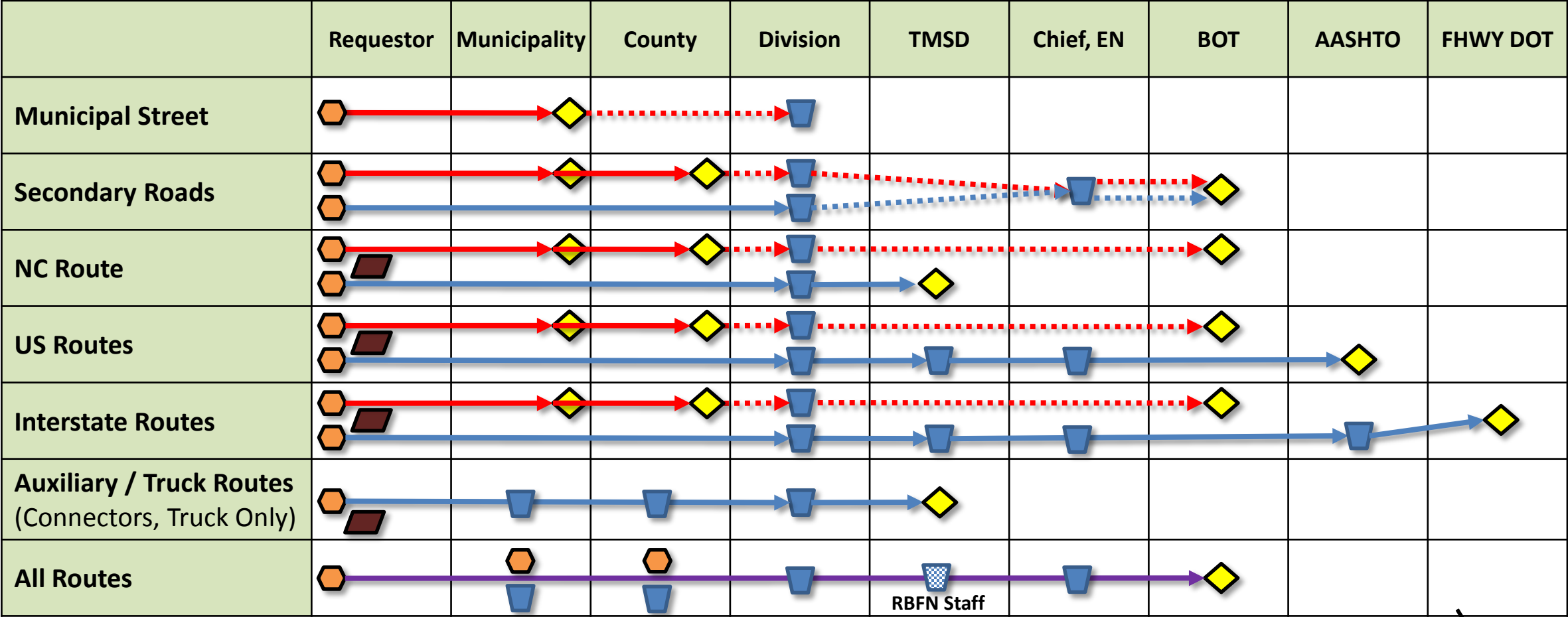


Other Designations

- Municipal Roads or Bridges
 - Named
 - Designated
- Welcome To Signs
- Blue Star Memorial Marker
 - Not the Blue Star Memorial Highway



Difference Between Routes, Naming, Numbering and Honorary Designations



Name

Number

Designation

Initiation of Request

Decision / Delegated Authority

Inform / Coordinate

MPO / RPO Resolution

RBFN Staff

** Per NC Statute, Board of Transportation reserves right to name / rename any road **

GIS involved throughout

Questions?



Portlandia: <https://www.youtube.com/watch?v=DGtq1GlmaAw>