



MEETING AGENDA
North Carolina Board of Transportation
 1 South Wilmington Street, Raleigh, North Carolina 27601
 June 26-27, 2019

WEDNESDAY, June 26, 2019

9:00 AM – 10:30AM

Road Naming Committee	Room 160
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10:30 AM- 11:30 AM

Workforce Committee	EIC
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11:30 AM- Noon

Audit Committee	Room 160
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1:15 PM – 2:00 PM

WORK SESSION – FULL BOARD ATTENDANCE

ROOM 150

Federal Funding Update	Leigh Wing, PE – Manager, STIP Eastern Region
Prioritization 6.0 (P6.0)	Chairman Fox
NC Toll Project Policy Amendment	Chairman Fox
Division of Mitigation Services Biennial Budget Overview	Chairman Fox
Product Evaluation Program Awareness Handout	Chairman Fox

2:00 PM – 2:10 PM

BREAK

2:10 PM – 3:40 PM

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

3:40 PM – 3:55 PM

BREAK

3:55 PM – 4:55 PM

Highways Committee	Room 150
Multi-Modal Committee	EIC

NORTH CAROLINA BOARD OF TRANSPORTATION MEETING

THURSDAY, June 27, 2019

9:00AM

Location: Room 150

- | | |
|---|--|
| <ul style="list-style-type: none">• Call to Order• Ethics Statement• Approval of June 6, 2019 Meeting Minutes• Road and Bridge Naming Honorary Designations• Secretary's Remarks | <p>Chairman Fox
Chairman Fox
Chairman Fox
Chairman Fox
Secretary Trogdon</p> |
|---|--|

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

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

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

Action

Chairman Fox

Prioritization (P6.0) Update
NC Toll Project Policy Amendment
Division of Mitigation Services Biennial Budget

Approval of Projects

- (Item G) Additions, Abandonments, and Road Name Changes to State Secondary Road System
- (Item I) Public Transportation Program
- (Item I-1A) Public Transportation
 - (Item I-2) Rail Program
 - (Item I-4) Aviation
- (Item K) North Carolina Highway Trust Funds
- (Item M) Funds for Specific Federal-Aid Projects
- (Item N) Revisions to the 2018-2027 STIP
- (Item O) Municipal and Special Agreements
- (Item P) Municipal Street System Changes
- (Item R) Right of Way Resolutions and Ordinances

Committee Reports

Committee Chairs

Other Business

Chairman Fox

Adjourn

Chairman Fox

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

June 26-27, 2019

Delegated Authority Secretary Trogon

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

Action Chairman Fox

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

NCDOT Board of Transportation Agenda

ITEM C

JUNE 18, 2019

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

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JUNE 18, 2019
DIVISION 00002

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ITEM C

C204219
15BPR.42, 46016.3.1
STATE FUNDED
BEAUFORT
B-5302

PROPOSAL LENGTH 0.622 MILES

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

LOCATION BRIDGE #3 OVER NORFOLK SOUTHERN RAILROAD ON US-17 BUS AND BRIDGE #25 ON US-17 BUS OVER PAMLICO RIVER.

EST CONST PROGRESS.... FY-2020..54% OF BID
FY-2021..44% OF BID
FY-2022..02% OF BID

RPN 001 6 BIDDER(S) DBE GOAL 6.00 %
ESTIMATE 6,520,189.96

DATE AVAILABLE OCT 15 2019

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

FINAL COMPLETION JAN 28 2022

	\$ TOTALS	% DIFF
ZACHRY CONSTRUCTION CORPORATION SAN ANTONIO, TX	7,744,580.08	+18.8
S T WOOTEN CORPORATION WILSON, NC	8,093,836.87	+24.1
THALLE CONSTRUCTION CO., INC. HILLSBOROUGH, NC	8,503,922.89	+30.4
DANE CONSTRUCTION INC MOORESVILLE, NC	8,812,909.86	+35.2
ENGLISH CONSTRUCTION CO INC LYNCHBURG, VA	9,219,879.90	+41.4
SLOAN CONSTRUCTION A DIVISION OF REEVES CONSTRUCTION CO DUNC	9,383,895.14	+43.9

REJECTED

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JUNE 18, 2019
DIVISION 00003

C204300
15BPR.24
STATE FUNDED
BRUNSWICK

PROPOSAL LENGTH 0.360 MILES

TYPE OF WORK BRIDGE PRESERVATION.

LOCATION BRIDGE #13 OVER THE INTRACOASTAL WATERWAY ON NC-904.

EST CONST PROGRESS.... FY-2020..96% OF BID
FY-2021..04% OF BID

RPN 002 4 BIDDER(S) DBE GOAL 0.00%

ESTIMATE 2,819,010.80

DATE AVAILABLE JUL 29 2019

FINAL COMPLETION AUG 01 2020

	\$ TOTALS	% DIFF
SOUTHERN ROAD & BRIDGE LLC TARPON SPRINGS, FL	3,773,662.50	+33.9
AMERICAN CIVIL CONSTRUCTORS WEST COAST LLC BENICIA, CA	3,884,000.00	+37.8
AMERICAN CONTRACTING & SERVICES INC JEFFERSONVILLE, IN	4,371,617.42	+55.1
LANFORD BROTHERS CO., INC. ROANOKE, VA	4,591,867.60	+62.9

REJECTED

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JUNE 18, 2019
DIVISION 00003

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C204151
38365.3.1
STATE FUNDED
BRUNSWICK
B-4438

PROPOSAL LENGTH 0.403 MILES

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

LOCATION BRIDGE #47 OVER BEAR PEN ISLAND SWAMP ON NC-211 (GREEN SWAMP RD).

EST CONST PROGRESS.... FY-2020..100% OF BID

RPN 006 6 BIDDER(S) DBE GOAL 4.00 %
ESTIMATE 2,571,390.10

DATE AVAILABLE JUL 29 2019

INTER COMPLETION MAY 15 2020 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR
PERMANENT VEGETATION ESTABLISHMENT

FINAL COMPLETION NOV 11 2020

	\$ TOTALS	% DIFF
S & C CONSTRUCTION LLC WILMINGTON, NC	2,481,392.67	-3.5
T A LOVING COMPANY GOLDSBORO, NC	2,691,310.00	+4.7
S T WOOTEN CORPORATION WILSON, NC	2,694,803.84	+4.8
CIVIL WORKS CONTRACTING LLC WILMINGTON, NC	2,940,230.22	+14.3
SLOAN CONSTRUCTION A DIVISION OF REEVES CONSTRUCTION CO DUNC	3,115,612.90	+21.2
DANE CONSTRUCTION INC MOORESVILLE, NC	3,347,284.23	+30.2

AWARDED

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JUNE 18, 2019
DIVISION 00005

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C204428
38400.3.3
BRZ-1433(9)
FRANKLIN
B-4516

PROPOSAL LENGTH 0.180 MILES

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

LOCATION BRIDGE #52 OVER SANDY CREEK ON SR-1433.

EST CONST PROGRESS.... FY-2020..100% OF BID

RPN 007 7 BIDDER(S) DBE GOAL 5.00 %
ESTIMATE 1,494,497.42

DATE AVAILABLE JUL 29 2019

INTER COMPLETION JUN 15 2020 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR
PERMANENT VEGETATION ESTABLISHMENT

FINAL COMPLETION DEC 12 2020

	\$ TOTALS	% DIFF
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	1,356,049.55	-9.3
NATIONAL BRIDGE BUILDERS LLC KERNERSVILLE, NC	1,394,417.22	-6.7
S T WOOTEN CORPORATION WILSON, NC	1,534,127.14	+2.7
DANE CONSTRUCTION INC MOORESVILLE, NC	1,615,469.32	+8.1
ZACHRY CONSTRUCTION CORPORATION SAN ANTONIO, TX	1,727,370.00	+15.6
ENGLISH CONSTRUCTION CO INC LYNCHBURG, VA	1,852,371.02	+23.9
CONTI ENTERPRISES, INC EDISON, NJ	2,045,757.00	+36.9

AWARDED

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JUNE 18, 2019
DIVISION 00007

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*RELET MAR 19 2019

* C204466
54034.3.1
NHP-0029(065)
GUILFORD
U-5754

PROPOSAL LENGTH 1.018 MILES

TYPE OF WORK GRADING, PAVING, AND DRAINAGE.

LOCATION US-29/US-70/US-220 (O'HENRY BLVD) FROM I-40/I-85 BUS TO SOUTH OF FLORIDA ST IN GREENSBORO.

EST CONST PROGRESS.... FY-2020..100% OF BID

RPN 008 1 BIDDER(S) DBE GOAL 8.00 %
ESTIMATE 3,205,961.94

DATE AVAILABLE JUL 29 2019

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

FINAL COMPLETION MAY 29 2020

	\$ TOTALS	% DIFF
APAC - ATLANTIC INC THOMPSON ARTHUR DIVISION GREENSBORO, NC	6,555,737.40	+104.5

REJECTED

MARCH 19, 2019 LETTING

54034.3.1
NHP-0029(065)
GUILFORD
U-5754
RPN 009

GRADING, PAVING, AND DRAINAGE

DATE AVAILABLE APR 29 2019
FINAL COMPLETION APR 12 2020

ENGINEER'S ESTIMATE

\$

\$ TOTALS % DIFF

NO BIDS

JUNE 18, 2019 LETTING

54034.3.1
NHP-0029(065)
GUILFORD
U-5754
RPN 008

GRADING, PAVING, AND DRAINAGE

DATE AVAILABLE JUL 29 2019
FINAL COMPLETION MAY 29 2020

ENGINEER'S ESTIMATE

\$3,205,961.94

\$ TOTALS % DIFF
6,555,737.40 +104.5

APAC-ATLANTIC INC THOMPSON ARTHUR DIVISION GREENSBORO, NC

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JUNE 18, 2019
DIVISION 00012

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C204342
46974.3.1
STATE FUNDED
GASTON
U-6038

PROPOSAL LENGTH MILES

TYPE OF WORK SIGNALS AND ITS.

LOCATION US-74 (WILKINSON BLVD) FROM NC-7 (CATAWBA ST) TO SR-2209 (WESLEYAN DR).

EST CONST PROGRESS.... FY-2020..100% OF BID

RPN 009 5 BIDDER(S) DBE GOAL 0.00%

ESTIMATE 829,394.90

DATE AVAILABLE JUL 29 2019

FINAL COMPLETION MAY 01 2020

	\$ TOTALS	% DIFF
WORLD FIBER TECHNOLOGIES LLC ALPHARETTA, GA	779,821.34	-6.0
WATSON ELECTRICAL CONSTRUCTION CO LLC WILSON, NC	870,579.00	+5.0
ALS OF NORTH CAROLINA LLC SALISBURY, NC	873,477.00	+5.3
TRAFFIC CONTROL DEVICES INC ALTAMONTE SPRINGS, FL	924,000.00	+11.4
BROOKS BERRY HAYNIE & ASSOCIATES, INC. MABLETON, GA	1,039,286.62	+25.3

AWARDED

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JUNE 18, 2019
DIVISION 00013

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C204341
44390.3.1
STATE FUNDED
MCDOWELL
U-5818

PROPOSAL LENGTH 0.530 MILES

TYPE OF WORK GRADING, DRAINAGE, PAVING, SIGNALS, RETAINING WALLS & STRS.

LOCATION SR-1001 FROM I-40 WB RAMPS TO 0.3 MILES WEST OF I-40 EB RAMPS.

EST CONST PROGRESS.... FY-2020..57% OF BID
FY-2021..38% OF BID
FY-2022..05% OF BID

RPN 010 5 BIDDER(S) DBE GOAL 4.00 %
ESTIMATE 12,195,975.87

DATE AVAILABLE JUL 29 2019

INTER COMPLETION SEP 15 2021 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR
PERMANENT VEGETATION ESTABLISHMENT

FINAL COMPLETION MAR 14 2022

	\$ TOTALS	% DIFF
NATIONAL BRIDGE BUILDERS LLC KERNERSVILLE, NC	12,358,341.47	+1.3
NHM CONSTRUCTORS LLC ASHEVILLE, NC	14,650,031.32	+20.1
YOUNG & MCQUEEN GRADING CO INC BURNSVILLE, NC	14,726,225.54	+20.7
CROWDER CONSTRUCTION COMPANY CHARLOTTE, NC	15,288,378.50	+25.4
BLYTHE DEVELOPMENT CO CHARLOTTE, NC	15,779,918.47	+29.4

AWARDED

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JUNE 18, 2019
DIVISION 00014

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C204330
48037.3.3
BRNHS-0023(28)
JACKSON
B-5905

PROPOSAL LENGTH 0.235 MILES

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

LOCATION BRIDGE #27 OVER SCOTT CREEK AND SOUTHERN RAILROAD ON US-23 BUS.

EST CONST PROGRESS.... FY-2020..42% OF BID
FY-2021..34% OF BID
FY-2022..22% OF BID
FY-2023..02% OF BID

RPN 003 5 BIDDER(S) DBE GOAL 4.00 %
ESTIMATE 10,315,676.55

DATE AVAILABLE JUL 29 2019

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

FINAL COMPLETION FEB 28 2023

	\$ TOTALS	% DIFF
WRIGHT BROTHERS CONSTRUCTION COMPANY INC CHARLESTON, TN	14,097,804.83	+36.7
ENGLISH CONSTRUCTION CO INC LYNCHBURG, VA	15,947,164.34	+54.6
FLUOR ENTERPRISES, INC. GREENVILLE, SC	16,997,000.00	+64.8
SUMMERS TAYLOR INC ELIZABETHTON, TN	19,124,116.83	+85.4
DANE CONSTRUCTION INC MOORESVILLE, NC	21,787,974.00	+111.2

AWARDED

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JUNE 18, 2019
DIVISION 00014

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C204248
50193.3.1
STATE FUNDED
CHEROKEE
R-5735

PROPOSAL LENGTH 1.216 MILES

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

LOCATION US-19/74/64/129 FROM END OF 4 LANE DIVIDED SECTION TO US-19 BUSINESS (HIWASSEE ST).

EST CONST PROGRESS.... FY-2020..52% OF BID
FY-2021..41% OF BID
FY-2022..07% OF BID

RPN 004 2 BIDDER(S) DBE GOAL 5.00 %
ESTIMATE 15,734,633.50

DATE AVAILABLE SEP 16 2019

INTER COMPLETION OCT 15 2021 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR PERMANENT VEGETATION ESTABLISHMENT

FINAL COMPLETION APR 13 2022

	\$ TOTALS	% DIFF
WRIGHT BROTHERS CONSTRUCTION COMPANY INC CHARLESTON, TN	22,692,801.73	+44.2
HARRISON CONSTRUCTION COMPANY DIVISION OF APAC-ATLANTIC INC AS	23,856,386.15	+51.6

ESTIMATE TOTAL	55,686,731.04	
LETTING TOTAL	71,840,191.57	+29.0

AWARDED

**NCDOT July 2019
Board of Transportation Agenda**

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

Professional Services Management

Chief Deputy Secretary

Transportation Planning Division

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

STATEWIDE

Description of work: 2018 Traffic Forecasting LSC
Firm: HNTB of North Carolina PC, Raleigh, NC
Original Engineering Fee: \$500,000.00
Supplemental Fee: \$500,000.00
SPSF Utilization: Clearbox Forecast Group PLLC
5% / \$25,000.00

Description of work: 2018 Traffic Forecasting LSC
Firm: Patriot Transportation Engineering PLLC, Raleigh, NC
Original Engineering Fee: \$500,000.00
Supplemental Fee: \$500,000.00
SPSF Utilization: 100%

Description of work: 2018 Traffic Forecasting LSC
Firm: WSP USA Inc, Raleigh, NC
Original Engineering Fee: \$500,000.00
Supplemental Fee: \$500,000.00
SPSF Utilization: 0%

Chief Operating Officer

Office of Strategic Initiatives & Program Support

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

STATEWIDE

Description of work: 2018 Strategic General Services Consultant LSC
Firm: The Boston Consulting Group Inc, Chicago, IL
Original Engineering Fee: \$2,500,000.00
Previous Supplemental Fee: \$3,500,000.00
Supplemental Fee: \$3,000,000.00
SPSF Utilization: 0%

Description of work: 2018 Strategic General Services Consultant LSC
Firm: HNTB of North Carolina PC, Raleigh, NC
Original Engineering Fee: \$2,500,000.00
Previous Supplemental Fee: \$2,500,000.00
Supplemental Fee: \$3,000,000.00
SPSF Utilization: Mercator Advisors LLC
5% / \$150,000.00
SPSF Utilization: The Kercher Group Inc
10% / \$300,000.00

Description of work: 2018 Strategic General Services Consultant LSC
Firm: KPMG LLP, Montvale, NJ
Original Engineering Fee: \$2,500,000.00
Previous Supplemental Fee: \$6,000,000.00
Supplemental Fee: \$2,500,000.00
SPSF Utilization: 0%

Chief Engineer

Deputy Chief Engineer

Field Support

Materials & Tests 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 inspection, testing and analysis of materials and pavements on an as needed basis for various federal-aid and state funded projects to support the Materials & Tests Unit. These contracts will expire two (2) years, with one (1) possible 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: 2019 Inspection, Testing and Analysis of Materials and Pavements LSC
Firm: A. Morton Thomas & Associates Inc, Raleigh, NC
Maximum Engineering Fee: \$1,000,000.00
DBE/MBE Utilization: Capstone Civil Engineering, Inc.
10% / \$100,000.00

Description of Work: 2019 Inspection, Testing and Analysis of Materials and Pavements LSC
Firm: Applied Pavement Technology, Inc., Urbana, IL
Maximum Engineering Fee: \$300,000.00
SPSF Utilization: 100%

Description of Work: 2019 Inspection, Testing and Analysis of Materials and Pavements LSC
Firm: Bureau Veritas North America Inc, Chicago, IL
Maximum Engineering Fee: \$3,000,000.00
SPSF Utilization: 0%

Description of Work: 2019 Inspection, Testing and Analysis of Materials and Pavements LSC
Firm: Carolina Prestressed Inspection Co, Mount Pleasant, SC
Maximum Engineering Fee: \$1,000,000.00
SPSF Utilization: 0%

Description of Work: 2019 Inspection, Testing and Analysis of Materials and Pavements LSC
Firm: DRMP Inc, Orlando, FL
Maximum Engineering Fee: \$1,800,000.00
SPSF Utilization: 0%

Description of Work: 2019 Inspection, Testing and Analysis of Materials and Pavements LSC
Firm: ECS Southeast LLP, Fayetteville, NC
Maximum Engineering Fee: \$4,000,000.00
DBE/MBE Utilization: Capstone Civil Engineering, Inc.
10% / \$400,000.00

Description of Work: 2019 Inspection, Testing and Analysis of Materials and Pavements LSC
Firm: ESP Associates Inc, Charlotte, NC
Maximum Engineering Fee: \$2,000,000.00
SPSF Utilization: 0%

Description of Work: 2019 Inspection, Testing and Analysis of Materials and Pavements LSC
Firm: Greenman-Pedersen Inc, Scranton, PA
Maximum Engineering Fee: \$150,000.00
SPSF Utilization: 0%

Description of Work: 2019 Inspection, Testing and Analysis of Materials and Pavements LSC
Firm: HDR Engineering Inc of the Carolinas, Chicago, IL
Maximum Engineering Fee: \$1,500,000.00
SPSF Utilization: 0%

Description of Work: 2019 Inspection, Testing and Analysis of Materials and Pavements LSC
Firm: HRV Conformance Verification Associates Inc, Moon Township, PA
Maximum Engineering Fee: \$1,000,000.00
DBE/WBE Utilization: 100%

Description of Work: 2019 Inspection, Testing and Analysis of Materials and Pavements LSC
Firm: Imaginative Services Group LLC, Fayetteville, GA
Maximum Engineering Fee: \$100,000.00
SPSF Utilization: 0%

Description of Work: 2019 Inspection, Testing and Analysis of Materials and Pavements LSC
Firm: Kleinfelder Inc, Los Angeles, CA
Maximum Engineering Fee: \$1,000,000.00
SPSF Utilization: 0%

Description of Work: 2019 Inspection, Testing and Analysis of Materials and Pavements LSC
Firm: KPR Engineering, PLLC, Hubert, NC
Maximum Engineering Fee: \$1,500,000.00
SPSF Utilization: 100%

Description of Work: 2019 Inspection, Testing and Analysis of Materials and Pavements LSC
Firm: KTA-Tator, Inc., Pittsburgh, PA
Maximum Engineering Fee: \$500,000.00
SPSF Utilization: 0%

Description of Work: 2019 Inspection, Testing and Analysis of Materials and Pavements LSC
Firm: LDF Consultants LLC, Chesapeake, VA
Maximum Engineering Fee: \$1,000,000.00
SPSF Utilization: 100%

Description of Work: 2019 Inspection, Testing and Analysis of Materials and Pavements LSC
Firm: Pace Engineering Services PLLC, Middlesex, NC
Maximum Engineering Fee: \$1,800,000.00
SPSF Utilization: 0%

Description of Work: 2019 Inspection, Testing and Analysis of Materials and Pavements LSC
Firm: Pennoni Associates Inc, Philadelphia, PA
Maximum Engineering Fee: \$1,000,000.00
SPSF Utilization: 0%

Description of Work: 2019 Inspection, Testing and Analysis of Materials and Pavements LSC
Firm: Rummel Klepper & Kahl LLP, Raleigh, NC
Maximum Engineering Fee: \$6,000,000.00
SPSF Utilization: 0%

Description of Work: 2019 Inspection, Testing and Analysis of Materials and Pavements LSC
Firm: S&ME Inc, Raleigh, NC
Maximum Engineering Fee: \$8,000,000.00
SPSF Utilization: The Transtec Group Inc
2% / \$160,000.00

Description of Work: 2019 Inspection, Testing and Analysis of Materials and Pavements LSC
Firm: Sepi Engineering & Construction Inc, Raleigh, NC
Maximum Engineering Fee: \$1,800,000.00
SPSF Utilization: 0%

Description of Work: 2019 Inspection, Testing and Analysis of Materials and Pavements LSC
Firm: Summit Design and Engineering Services PLLC, Hillsborough, NC
Maximum Engineering Fee: \$5,000,000.00
SPSF Utilization: 0%

Description of Work: 2019 Inspection, Testing and Analysis of Materials and Pavements LSC
Firm: Terracon Consultants Inc, Raleigh, NC
Maximum Engineering Fee: \$1,500,000.00
DBE/WBE/SPSF Utilization: Wetherill Engineering, Inc.
5% / \$75,000.00

Description of Work: 2019 Inspection, Testing and Analysis of Materials and Pavements LSC
Firm: TRC Engineers, Inc., Pittsburgh, PA
Maximum Engineering Fee: \$3,500,000.00
SPSF Utilization: 0%

Description of Work: 2019 Inspection, Testing and Analysis of Materials and Pavements LSC
Firm: Trimat Materials Testing Inc, Durham, NC
Maximum Engineering Fee: \$150,000.00
DBE/MBE/SPSF Utilization: 100%

Description of Work: 2019 Inspection, Testing and Analysis of Materials and Pavements LSC
Firm: Volkert Inc, Birmingham, AL
Maximum Engineering Fee: \$3,500,000.00
SPSF Utilization: 0%

Description of Work: 2019 Inspection, Testing and Analysis of Materials and Pavements LSC
Firm: Wood Environment & Infrastructure Solutions Inc, Alpharetta, GA
Maximum Engineering Fee: \$500,000.00
SPSF Utilization: 0%

Highway Operations

Roadside Environmental Unit – Erosion Control Engineering Section

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 Erosion and Sediment Control Design Statewide on an as needed basis for various federal-aid and state funded projects to support the Roadside Environmental Unit. These contracts will expire three (3) years with one (1) optional 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: 2019 Erosion and Sediment Control Design Statewide LSC
Firm: Alpha & Omega Group PC, Raleigh, NC
Maximum Engineering Fee: \$500,000.00
SPSF Utilization: 100%

Description of Work: 2019 Erosion and Sediment Control Design Statewide LSC
Firm: AECOM Technical Services of North Carolina Inc, Chicago, IL
Maximum Engineering Fee: \$750,000.00
SPSF Utilization: 0%

Description of Work: 2019 Erosion and Sediment Control Design Statewide LSC
Firm: Calyx Engineers and Consultants Inc, Raleigh, NC
Maximum Engineering Fee: \$500,000.00
SPSF Utilization: 0%

Description of Work: 2019 Erosion and Sediment Control Design Statewide LSC
Firm: Dewberry Engineers Inc, Raleigh, NC
Maximum Engineering Fee: \$500,000.00
SPSF Utilization: 0%

Description of Work: 2019 Erosion and Sediment Control Design Statewide LSC
Firm: EL Robinson Engineering Co, Charleston, WV
Maximum Engineering Fee: \$500,000.00
SPSF Utilization: 0%

Description of Work: 2019 Erosion and Sediment Control Design Statewide LSC
Firm: KCI Associates of North Carolina PA, Baltimore, MD
Maximum Engineering Fee: \$500,000.00
SPSF Utilization: 0%

Description of Work: 2019 Erosion and Sediment Control Design Statewide LSC
Firm: Kimley-Horn & Associates Inc, Raleigh, NC
Maximum Engineering Fee: \$500,000.00
SPSF Utilization: 0%

Description of Work: 2019 Erosion and Sediment Control Design Statewide LSC
Firm: LJB Inc, Miamisburg, OH
Maximum Engineering Fee: \$500,000.00
SPSF Utilization: 0%

Description of Work: 2019 Erosion and Sediment Control Design Statewide LSC
Firm: MA Engineering Consultants Inc, Cary, NC
Maximum Engineering Fee: \$500,000.00
DBE/MBE Utilization: 100%

Description of Work: 2019 Erosion and Sediment Control Design Statewide LSC
Firm: Moffatt & Nichol Incorporated, Raleigh, NC
Maximum Engineering Fee: \$500,000.00
SPSF Utilization: 0%

Description of Work: 2019 Erosion and Sediment Control Design Statewide LSC
Firm: Mott MacDonald I&E LLC, Pittsburgh, PA
Maximum Engineering Fee: \$750,000.00
SPSF Utilization: 0%

Description of Work: 2019 Erosion and Sediment Control Design Statewide LSC
Firm: Parsons Transportation Group Inc., Raleigh, NC
Maximum Engineering Fee: \$500,000.00
SPSF Utilization: 0%

Description of Work: 2019 Erosion and Sediment Control Design Statewide LSC
Firm: Ramey Kemp & Associates Inc, Atlanta, GA
Maximum Engineering Fee: \$500,000.00
SPSF Utilization: 100%

Description of Work: 2019 Erosion and Sediment Control Design Statewide LSC
Firm: Rummel Klepper & Kahl LLP, Raleigh, NC
Maximum Engineering Fee: \$750,000.00
SPSF Utilization: 0%

Description of Work: 2019 Erosion and Sediment Control Design Statewide LSC
Firm: Sepi Engineering & Construction Inc, Raleigh, NC
Maximum Engineering Fee: \$500,000.00
SPSF Utilization: 0%

Description of Work: 2019 Erosion and Sediment Control Design Statewide LSC
Firm: STV Engineers, Inc., Charlotte, NC
Maximum Engineering Fee: \$750,000.00
SPSF Utilization: 0%

Description of Work: 2019 Erosion and Sediment Control Design Statewide LSC
Firm: Summit Design and Engineering Services PLLC,
Hillsborough, NC
Maximum Engineering Fee: \$500,000.00
SPSF Utilization: 0%

Description of Work: 2019 Erosion and Sediment Control Design Statewide LSC
Firm: TGS Engineers, Shelby, NC
Maximum Engineering Fee: \$750,000.00
SPSF Utilization: 100%

Description of Work: 2019 Erosion and Sediment Control Design Statewide LSC
Firm: VHB Engineering NC, P.C., Watertown, MA
Maximum Engineering Fee: \$750,000.00
SPSF Utilization: 0%

Description of Work: 2019 Erosion and Sediment Control Design Statewide LSC
Firm: Wetherill Engineering, Inc., Raleigh, NC
Maximum Engineering Fee: \$750,000.00
DBE/WBE/SPSF Utilization: 100%

Description of Work: 2019 Erosion and Sediment Control Design Statewide LSC
Firm: WSP USA Inc, Raleigh, NC
Maximum Engineering Fee: \$750,000.00
SPSF Utilization: 0%

Divisions

Division 1-4, and 6

The following are supplemental contracts to previous contracts approved by the Board with the same engineering firms. These supplemental contracts were necessary due to approved additional work that was unknown at the inception and is required of the firms to complete the project. Our staff has completed the actions in accordance with the policies and procedures adopted by the Board on May 7, 2009. 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:	HNTB of North Carolina PC, Raleigh, NC
Original Engineering Fee:	\$3,000,000.00
Previous Supplemental Fee:	\$17,000,000.00
Supplemental Fee:	\$3,000,000.00
SPSF Utilization:	Carolina Land Acquisitions Inc 5% / \$150,000.00
SPSF Utilization:	Environmental Services Inc 5% / \$150,000.00
DBE/MBE Utilization:	MA Engineering Consultants Inc 5% / \$150,000.00
SPSF Utilization:	MI Engineering PLLC 5% / \$150,000.00

Description of work:	2015 Eastern Region Highway Divisions (Divisions 1, 2, 3, 4, and 6) Planning and Design LSC
Firm:	Calyx Engineers and Consultants Inc, Raleigh, NC
Original Engineering Fee:	\$3,000,000.00
Previous Supplemental Fee:	\$8,000,000.00
Supplemental Fee:	\$1,000,000.00
SPSF Utilization:	Carolina Land Acquisitions Inc 1% / \$10,000.00
SPSF Utilization:	Hinde Engineering Inc 2% / \$20,000.00
DBE/WBE/SPSF Utilization:	Planning Communities, LLC 2% / \$20,000.00
SPSF Utilization:	Ramey Kemp & Associates Inc 2% / \$20,000.00

Division 5

After careful evaluation of the workload and schedules of the work that can be accomplished by our staff, it was determined necessary to employ a private firm to provide Construction Engineering and Inspection services 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 5

Project: 35869.3.1 (U-2719) Wake County;
35868.3.4 (U-4437) Wake County
Raleigh - I-440 / US 1, South of SR 1313 (Walnut Street) to North of SR 1728 (Wade Avenue) in Raleigh. Widen from Four to Six Lanes and Improve Storage at Lake Boone Trail Interchange and Install Ramp Meters;
NC 54 (Hillsborough Street) from SR 1664/SR 3074(Blue Ridge Road) in vicinity of NC railroad (CSX Corporation and Norfolk Southern) in Raleigh Construct Grade Separations and Access Road between NC 54 and SR 1664/SR 3074

Scope of Work: Construction Engineering and Inspection Services

Estimated Construction Cost: \$322,500,000.00;
\$50,700,000.00;

Firm: The Louis Berger Group Inc, Chicago, IL

Maximum Engineering Fee: \$25,500,000.00

SPSF Utilization: 0%

Division 10

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

DIVISION 10

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

Original Engineering Fee: \$3,000,000.00

Supplemental Fee: \$1,000,000.00

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

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 a private firm to provide Construction Engineering and Inspection services 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 10

Project: 43609.3.2 (I-5507) Mecklenburg County;
34331.3.25 (R-0211EC) Mecklenburg County;
39078.3.8 (U-4714AB) Mecklenburg County
I-485 from I-77 South of Charlotte to US 74 (Independence Boulevard). Add one express lane in each direction;
I-485 (Charlotte Southern Outer Loop) at SR 3468 (Weddington Road). Construct Interchange;
SR 1009 (John Street - Old Monroe Road) at I-485. Improve Interchange.

Scope of Work: Construction Engineering and Inspection Services

Estimated Construction Cost: \$285,900,000.00;
\$18,000,000.00;
\$19,000,000.00

Firm: Sepi Engineering & Construction Inc, Raleigh, NC

Maximum Engineering Fee: \$14,000,000.00

DBE/WBE Utilization: CECS, LLP
5% / \$700,000.00

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 a private firm to provide Construction Engineering and Inspection services 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 10

Project: 34446.3.4 (R-2530B) Stanly County;
39922.3.1 (B-4974) Stanly County;
15BPR.43 Stanly County
NC 24 - 27 From Bird Road in Albemarle to West of the Pee Dee River;
Replace Bridge 51 over Pee Dee River on NC 24-73-27;
NC 24,27,73, EBL, over Pee Dee River - Str #830050

Scope of Work: Construction Engineering and Inspection Services

Estimated Construction Cost: \$60,100,000.00;
\$12,900,000.00;
\$20,154,128.00

Firm: Kisinger Campo & Associates Corp, Tampa, FL

Maximum Engineering Fee: \$6,000,000.00

SPSF Utilization: 0%

Statewide

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

STATEWIDE

Description of work: 2017 Statewide On-Call Construction Engineering & Inspection Services LSC
Firm: Rummel Klepper & Kahl LLP, Raleigh, NC
Original Engineering Fee: \$15,000,000.00
Previous Supplemental Fee: \$30,000,000.00
Supplemental Fee: \$10,000,000.00
SPSF Utilization: 0%

Description of work: 2017 Statewide On-Call Construction Engineering & Inspection Services LSC
Firm: Summit Design and Engineering Services PLLC, Hillsborough, NC
Original Engineering Fee: \$15,000,000.00
Previous Supplemental Fee: \$25,000,000.00
Supplemental Fee: \$10,000,000.00
SPSF Utilization: 0%

Description of work: 2017 Statewide On-Call Construction Engineering & Inspection Services LSC
Firm: S&ME Inc, Raleigh, NC
Original Engineering Fee: \$5,000,000.00
Previous Supplemental Fee: \$10,000,000.00
Supplemental Fee: \$10,000,000.00
DBE/WBE/SPSF Utilization: Wetherill Engineering, Inc.
10% / \$1,000,000.00

Technical Services

Project Management Unit

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

DIVISION 1

Project:	34470.1.TA1 (R-2576) Currituck County Mid-Currituck Bridge, from Coinjock to Corolla
Scope of Work:	Project development, environmental, and engineering services
Estimated Construction Cost:	\$360,400,000.00
Firm:	WSP USA Inc, Raleigh, NC
Original Engineering Fee:	\$2,600,000.00
Previous Supplemental Fee:	\$5,602,300.00
Supplemental Fee:	\$350,000.00 and a two (2) year time extension
Supplemental Work:	Additional project development, environmental, and engineering assistance is needed during the litigation, procurement, and permitting phases of the project.
SPSF Utilization:	0%

END of ITEM D.

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

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

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

NCDOT July 2019 Board of Transportation Agenda

Additions to the State Highway System:

County	Pet. No.	Length Added (Miles)	Description	Date of Report
Division 2 Carteret	51874	0.48	B.R. Clodfelter Extend SR 1265, Utopia Drive	5/01/19
Division 3 Onslow	51875	0.02 0.03 0.10	Southwest Plantation Squire Court Thistle Court Pine Lakes Drive	5/15/19
Onslow	51876	0.22 0.26 0.07 0.13	Southwest Plantation Extend SR 2450, Southwest Plantation Drive Saw Grass Drive Southern Dunes Drive Bear Run	5/15/19
Division 4 Johnston	51877	0.59 0.49 0.03 0.04 0.11 0.05 0.05	Broadmoor West Extend SR 3182, Tayside Street Dongola Street Lantana Circle Stillwood Court Vintage Court Peninsula Court Wishbone Circle	4/9/19
Johnston	51878	0.05 0.34 0.05 0.06	Pecan Grove Vernon Lane Kenneth Lane Borgo Court Gloria Grande Court	4/22/19
Division 5 Franklin	51884	0.34 0.28 0.10	Wynden Place Carriden Drive Ballentrae Lane Inverness Court	5/26/19
Granville	51879	0.16	Landings at New Light Kelsey Way	5/3/19

NCDOT July 2019 Board of Transportation Agenda

Additions to the State Highway System:

County	Pet. No.	Length Added (Miles)	Description	Date of Report
Division 7				
Guilford	51880	0.79	Moss Creek Southerland Drive	4/18/18
		0.11	Chatsworth Court	
		0.07	Bashkir Way	
		0.45	Old Berkshire Drive	
		0.09	Blagdon Court	
		0.06	Clybourn Court	
Rockingham	51881	0.20	Collybrooke Willowbrooke Way	
		0.15	Tillingham Trace	
		0.06	Collybrooke Way	
Division 9				
Davie	51882	0.19	McAllister Park Extend SR 1915, Nellwood Court	5/21/19
		0.09	Drayton Court	

NCDOT July 2019 Board of Transportation Agenda

Abandonments from the State Highway System:

County	Pet. No.	Length Abandoned (Miles)	Description	Date of Report
Division 5 Person	51883	0.21	Portion of SR 1370 Glennie Irvin Road, Retain 0.69 miles.	4/22/19

Summary: **Number of roads petitioned for addition – 34**
Number of roads petitioned for abandonment - 1

Corrections:

County	Requested Action
Caldwell	Petition 51787 approved on February 7, 2019 incorrectly listed the addition length of Zach's Farm Road as 0.40 miles. The correct length of approval should have been 0.41 miles. Rescind the correction made on June 2, 2019 to petition 51787.
Onslow	Petition 51835 added 0.17 miles to SR 2279, Deep Inlet Drive on May 2, 2019. This distance should be corrected to 0.16 miles.
Onslow	Petition 51816 approved April 4, 2019 incorrectly listed Olde Towne Pointe Boulevard as Old Towne Pointe Boulevard.
Onslow	Petition 51706 approved on October 12, 2018 incorrectly listed Olde Towne Pointe Boulevard as Olde Towne Point Boulevard.
Vance	Petition 51839 approved on May 2, 2019 incorrectly listed S. Cinnebar Ct. as South Cinnabar Ct. and incorrectly listed N. Cinnebar Ct. as North Cinnabar Ct.

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

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

County	Description	Type	Amount
Div 4 Nash	Realign skewed intersection at SR 1001 and SR 1145 to increase sight distance and remove grassed median WBS 80100	Contingency <hr/> TOTAL	\$70,000.00 <hr/> \$70,000.00
Div 8 Montgomery	Grade, drain, base, and provide erosion control to upgrade to NCDOT standards the following USFS roads in Uwharrie National Forrest: USFS 576 (Moccasin Creek Rd) from SR 1153 to USFS 553 (Dutch John Road); USFS 553 (Dutch John Rd) from USFS 576 to USFS 6584 (Green Gap Rd); and USFS 6584 (Green Gap Rd) from USFS 553 to end Forest Service Property WBS 48809	Contingency <hr/> TOTAL	\$100,000.00 <hr/> \$100,000.00
Div 13 Buncombe	WBS 47878 was established (02/18) to add a left turn lane at the intersection of NC 191 (Brevard Rd) and NC 146 (Long Shoals Rd) Increase funds	High Impact / Low Cost <hr/> TOTAL	\$307,000.00 <hr/> \$307,000.00
Div 13 Buncombe	Drainage upgrades at the intersection of SR 2468 (Lake Eden Rd) and SR 2435 (Old US-70) in Swannanoa to accommodate a 25-year storm WBS 48807	Small Construction <hr/> TOTAL	\$125,747.00 <hr/> \$125,747.00

Deletion:

Div 13, Rutherford County – WBS 47872 was established (02/18) for intersection improvements to address issues at 6-point intersection at NC 120, Old Mooresboro Rd (SR 1931), Race Path Church Rd (SR 1921), Goode Rd (SR 1990) and Franklin Rd; Scope change limited to additional signage due to ROW & historical properties

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

Summary:	Number of Divisions	3
	Number of Projects	4
	Small Construction Commitment	\$125,747.00
	Public Access Commitment	\$0.00
	Contingency Commitment	\$170,000.00
	Economic Development Commitment	\$0.00
	High Impact/Low Cost Commitment	\$307,000.00
	TOTAL:	\$602,747.00

NCDOT July 2019 Board of Transportation Agenda
Public Transportation Program

Town/County Division	Project Description	Estimated Cost
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There will be no items presented for approval at the June 27, 2019, Board of Transportation meeting.

ITEM I - 1 SUMMARY – NO PROJECTS

Estimates in thousands

ADDITION to the Transit 2018-2027 STIP

TP-5162	GORALEIGH	CAPITAL OPERATING	OPERATIONS FY 2019-	\$2,500	(L)
WAKE		GORALEIGH ACCESS	FY 2019-	\$2,500	(FUZ)
		PARATRANSIT SERVICE		<u>\$5,000</u>	

FUNDING ADDED TO FY 2019 AT THE REQUEST OF THE CAPITAL AREA MPO.

ITEM I-1A SUMMARY

	NUMBER OF PROJECTS	FEDERAL	STATE	LOCAL	TOTALS
ADDITION S	1	2500		2500	\$5,000
	1				\$5,000

NCDOT July 2019 Board of Transportation Agenda

Rail Program

Town/County Division	Project Description	Estimated Cost
Division 9 Davidson County 80000.3.1.18	The Rail Division requests board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for the construction of a rail industrial access spur and switching yard that will serve Egger Wood Products LLC (Egger). Egger will be responsible for the construction of the project. The total estimated cost of the project is \$1,471,723. The total estimated cost to the Department is \$400,000. FRRCSI ID: F19301	\$400,000

ITEM I - 2 SUMMARY – 1 PROJECT - (TOTAL STATE) \$400,000

NCDOT July 2019 Board of Transportation Agenda

Division of Bicycle and Pedestrian Transportation

Town/County Division	Project Description	Estimated Cost
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	There will be no items presented for approval at the June 27, 2019 Board of Transportation meeting.	
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ITEM I - 3 SUMMARY – NO PROJECTS

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Hertford Co. Div. 1 R-5811 DIVISION	WBS 46980.2.1 NC 461 from NC 45 to end of state maintenance. \$10,000.00 has previously been approved for full right of way and utilities. Additional funds are requested.	\$150,000.00
Northampton Co. Div. 1 R-2582A STATEWIDE/ DIVISION	WBS 34472.1.4 US 158 from I-95 / NC 46 in Roanoke Rapids to SR 1312 (St. John Church Road) in Northampton County. \$2,532,991.39 has previously been approved for preliminary engineering. \$2,532,991.39 of Statewide/Division Strategic Transportation Investments funds will be replaced with Build NC Bonds funds. Additional funds of \$1,265,679.91 of Build NC Bonds funds are requested. This project has previously been identified as a Trust Fund Intrastate System project.	\$1,265,679.91
Perquimans Co. Div. 1 R-5740 DIVISION	WBS 50198.1.1 SR 1329 (Woodville Road) from SR 1331 (Red Bank Road) to SR 1300 (New Hope Road). \$742,182.00 has previously been approved for preliminary engineering. \$677,525.83 of Division Strategic Transportation Investments funds will be replaced with Build NC Bonds funds.	\$0.00
Tyrrell Co. Div. 1 B-5936 STATEWIDE	WBS 46478.3.1 Bridge # 7 over Alligator River on US 64. \$18,750,000.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$650,000.00
Craven Co. Div. 2 R-4463A REGIONAL	WBS 35601.1.R2 NC 43 Connector from US 17 to south of US 70. \$825,000.00 has previously been approved for preliminary engineering. \$825,000.00 of Regional Strategic Transportation Investments funds will be replaced with Build NC Bonds funds. Additional funds of \$54,222.03 of Build NC Bonds funds are requested.	\$54,222.03

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Craven Co. Div. 2 R-5777B REGIONAL	WBS 44648.1.3 US 70 at West Thurman Road / East Thurman Road. \$1,000,000.00 has previously been approved for preliminary engineering. \$56,375.80 of Regional Strategic Transportation Investments funds will be replaced with Build NC Bonds funds.	\$0.00
Greene Co. Div. 2 R-5812 DIVISION	WBS 46981.1.1 US 13 Bypass from NC 58 (Kingold Boulevard) to NC 91. \$500,000.00 has previously been approved for preliminary engineering. \$500,000.00 of Division Strategic Transportation Investments funds will be replaced with Build NC Bonds funds. Additional funds of \$280,257.20 of Build NC Bonds funds are requested.	\$280,257.20
Pitt Co. Div. 2 U-5917 DIVISION	WBS 44679.1.1 SR 1704 (Fourteenth Street) from Red Banks Road to SR 1708 (Firetower Road). \$1,375,000.00 has previously been approved for preliminary engineering. \$1,069,358.30 of Division Strategic Transportation Investments funds will be replaced with Build NC Bonds funds.	\$0.00
Wilmington/ New Hanover Co. Div. 3 U-4751WM STATEWIDE	WBS 40191.4.2 SR 1409 (Military Cutoff Road Extension) from SR 1409 (Military Cutoff Road) to US 17 in Wilmington. \$7,493,292.00 has previously been approved for mitigation charges for permits. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$250,000.00
Onslow Co. Div. 3 U-5735 REGIONAL	WBS 54025.3.2 US 17 (Wilmington Highway) at SR 1130 (Old Maple Hurst Road). Construct interchange. Initial funds are requested in advance of construction to address immediate pipe replacement need.	\$165,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Sampson Co. Div. 3 R-2303C STATEWIDE	WBS 34416.3.S1 NC 24 from SR 1404 (Dowdy Road) to SR 1303 (Mitchell Loop Road). \$58,200,000.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. This is a Strategic Transportation Investments Transition project.	\$625,000.00
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). \$3,137,599.00 has previously been approved for preliminary engineering. \$2,410,739.12 of Statewide/Division Strategic Transportation Investments funds will be replaced with Build NC Bonds funds.	\$0.00
Sampson/ Duplin Cos. Div. 3 R-2303F STATEWIDE/ DIVISION	WBS 34416.1.S2 NC 24 from SR 1935 (Cecil Odie Road) in Sampson County to I-40 in Duplin County. \$467,182.00 has previously been approved for preliminary engineering. Additional funds are requested using Division Tier funding.	\$500,000.00
Edgecombe Co. Div. 4 U-4424 DIVISION	WBS 39062.2.2 NC 111 (Wilson Street) from US 64 Alternate (Western Boulevard) to NC 122 (McNair Road). Initial funds are requested for full right of way and utilities.	\$4,004,000.00
Nash Co. Div. 4 I-6045 STATEWIDE	WBS 47994.1.1 US 64 (Future I-87) from SR 1306 (South Old Franklin Road) to I-95. \$10,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$40,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Wayne Co. Div. 4 I-6048 STATEWIDE	WBS 47997.1.1 US 117 (Future I-795) from US 70 to Duplin County line. \$10,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$40,000.00
Wayne Co. Div. 4 U-2714 REGIONAL	WBS 38979.1.2 US 117 from US 70 Bypass to SR 1306 (Fedelon Trail) in Goldsboro. \$1,520,000.00 has previously been approved for preliminary engineering. \$1,520,000.00 of Regional Strategic Transportation Investments funds will be replaced with Build NC Bonds funds. Additional funds of \$167,841.01 of Build NC Bonds funds are requested.	\$167,841.01
Wayne Co. Div. 4 U-3609B REGIONAL	WBS 39026.1.2 US 13 (Berkeley Boulevard) from SR 1003 (New Hope Road) to SR 1572 (Saulston Road). \$2,000,000.00 has previously been approved for preliminary engineering. \$1,027,671.13 of Regional Strategic Transportation Investments funds will be replaced with Build NC Bonds funds.	\$0.00
Wake/ Johnston Cos. Divs. 4/5 R-2829 STATEWIDE	WBS 35517.2.1 Eastern Wake Freeway from I-40 to south of Garner to US 64/264 Knightdale Bypass. \$507,776.00 has previously been approved for appraisal and advanced acquisition of specific parcels. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$410,000.00
Durham Co. Div. 5 U-5745 REGIONAL	WBS 50166.1.1 NC 751 (Hope Valley Road) at SR 1183 (University Drive) intersection in Durham. \$400,500.00 has previously been approved for preliminary engineering. \$44,500.00 of Regional Strategic Transportation Investments funds will be replaced with Build NC Bonds funds. Additional funds of \$397,267.55 of Build NC Bonds funds are requested.	\$397,267.55

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Granville Co. Div. 5 B-5157WM DIVISION	WBS 42332.4.1 Replace Bridge #178 over Fox Creek on SR 1304. Initial funds are required for mitigation charges for permits.	\$7,804.00
Wake Co. Div. 5 U-5302 REGIONAL	WBS 48000.1.1 US 401 from south of SR 1006 (Old Stage Road) to south of SR 2538 (Mechanical Boulevard) / Garner Station Boulevard in Garner. \$1,145,000.00 has previously been approved for preliminary engineering. \$1,010,718.57 of Regional Strategic Transportation Investments funds will be replaced with Build NC Bonds funds.	\$0.00
Wake Co. Div. 5 U-5746 REGIONAL	WBS 54032.2.1 US 401 from Wake Technical Community College to SR 1010 (Ten-Ten Road). Initial funds are requested for full right of way and utilities.	\$3,000,000.00
Wake Co. Div. 5 U-5748 REGIONAL	WBS 50168.1.1 US 401 at SR 2044 (Ligon Mill Road) / SR 2224 (Mitchell Mill Road) intersection in Raleigh. \$1,300,000.00 has previously been approved for preliminary engineering. \$673,664.44 of Regional Strategic Transportation Investment funds will be replaced with Build NC Bonds funds.	\$0.00
Wake Co. Div. 5 U-5750 REGIONAL	WBS 50170.1.1 NC 54 from NC 540 to Perimeter Park Drive in Morrisville. \$1,850,000.00 has previously been approved for preliminary engineering. \$1,287,793.93 of Regional Strategic Transportation Investments funds will be replaced with Build NC Bonds funds.	\$0.00

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Wake Co. Div. 5 U-5827 DIVISION	WBS 44400.1.1 SR 1632 (Louis Stephens Drive) from Poplar Pike Lane in Morrisville to SR 2153 (Little Drive) in Research Triangle Park. \$918,519.00 has previously been approved for preliminary engineering. \$850,470.62 of Division Strategic Transportation Investments funds will be replaced with Build NC Bonds funds.	\$0.00
Wake Co. Div. 5 U-6099 DIVISION	WBS 48365.3.1 SR 5220 (Jones Sausage Road) from SR 1004 (East Garner Road) to I-40 in Garner. Initial funds are requested for construction. This is an Economic Development project.	\$4,500,000.00
Columbus Co. Div. 6 R-5819 STATEWIDE	WBS 47091.3.2 US 74 / US 76 at SR 1740 (Old Lake Road). Initial funds are requested for work in advance of construction to install enhanced signing along US 74 and the y lines.	\$15,000.00
Guilford Co. Div. 7 R-4707 REGIONAL	WBS 36599.1.5 US 29 / SR 4771 (Reedy Fork Parkway) at US 29 / SR 4771 (Reedy Fork Parkway) interchange in Greensboro. \$3,035,000.00 has previously been approved for preliminary engineering. \$2,535,197.80 of Regional Strategic Transportation Investments funds will be replaced with Build NC Bonds funds.	\$0.00
Guilford Co. Div. 7 U-2412WM DIVISION	WBS 34802.4.1 SR 1486 / SR 1421 (Jamestown Parkway) from I-74 to West of SR 1480 (Vickrey Chapel Road). \$4,282,954.00 has previously been approved for mitigation charges for permits. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$150,000.00

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Guilford Co. Div. 7 U-2581BA DIVISION	WBS 34840.1.4 US 70 from SR 3045 (Mount Hope Church Road) to SR 3175 (Birch Creek Road). \$1,000,000.00 has previously been approved for preliminary engineering. \$661,990.43 of Division Strategic Transportation Investments funds will be replaced with Build NC Bonds funds.	\$0.00
Guilford Co. Div. 7 U-5896 DIVISION	WBS 44674.1.2 US 29 / US 70 / Business 85 at SR 1009 (South Main Street) in High Point. \$775,000.00 has previously been approved for preliminary engineering. \$775,000.00 of Division Strategic Transportation Investments will be replaced with Build NC Bonds funds. Additional funds of \$113,132.16 of Build NC Bonds funds are requested.	\$113,132.16
Montgomery Co. Div. 8 R-2527 STATEWIDE/ REGIONAL	WBS 35572.1.1 NC 24 - 27 from NC 73 to the Troy Bypass. \$4,792,020.19 has previously been approved for preliminary engineering. \$4,792,020.19 of Statewide/Regional Strategic Transportation Investments funds will be replaced with Build NC Bonds funds. Additional funds of \$412,645.44 of Build NC Bonds funds are requested. This project has previously been identified as a Trust Fund Intrastate System project.	\$412,645.44
Randolph Co. Div. 8 R-2536WM STATEWIDE	WBS 34450.4.8 US 64 (Asheboro Southern Bypass) from US 64 West of Asheboro to existing US 64 East of Asheboro and Zoo Connector from East of SR 2839 (Staleys Farm Road) to existing NC 159 Zoo entrance. \$20,971,099.00 has previously been approved for mitigation charges for permits. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$575,000.00
Randolph Co. Div. 8 U-5308 DIVISION	WBS 47028.1.2 SR 1547 (Finch Farm Road) from south of SR 3106 (Kennedy Road) to I-85. \$1,800,000.00 has previously been approved for preliminary engineering. \$1,433,457.99 of Division Strategic Transportation Investments funds will be replaced with Build NC Bonds funds.	\$0.00

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Forsyth Co. Div. 9 R-2247 STATEWIDE	WBS 34409.2.1 Winston Salem Northern Beltway from I-40 to US 52. \$896,902.00 has previously been approved for right of way. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. This project has previously been identified as a Trust Fund Urban Loop project.	\$500,000.00
Forsyth Co. Div. 9 U-2729 DIVISION	WBS 34853.1.2 SR 1672 (Hanes Mill Road) from Museum Drive to SR 4000 (University Parkway). \$1,000,000.00 has previously been approved for preliminary engineering. \$715,342.13 of Division Strategic Transportation Investments funds will be replaced with Build NC Bonds funds.	\$0.00
Cabarrus/ Mecklenburg Cos. Div. 10 U-6032 DIVISION	WBS 46965.1.1 SR 2467 (Mallard Creek Road) / SR 1445 (Derita Road) from I-485 to Concord Mills Boulevard (SR 1445). \$1,050,000.00 has previously been approved for preliminary engineering. \$1,018,365.55 of Division Strategic Transportation Investments funds will be replaced with Build NC Bonds funds.	\$0.00
Mecklenburg Co. Div. 10 U-4713A DIVISION	WBS 39077.1.2 SR 3440 (McKee Road Extension) from SR 3448 (Pleasant Plains Road) to SR 1009 (John Street). \$435,000.00 has previously been approved for preliminary engineering. \$435,000.00 of Division Strategic Transportation Investments funds will be replaced with Build NC Bonds funds. Additional funds of \$241,456.84 of Build NC Bonds funds are requested.	\$241,456.84
Mecklenburg Co. Div. 10 U-5108 BONUS ALLOCATION	WBS 42370.2.2 Northcross Drive Extension from end of Northcross Drive to Westmoreland Road in Cornelius. \$1,193,750.00 additional Federal-Aid funds. (See page M-10 for Federal funding). Funds are needed for full right of way and utilities.	\$261,250.00

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Stanly Co. Div. 10 R-2530B REGIONAL	WBS 34446.1.6 NC 24 - 27 from Bird Road in Albemarle to west of the Pee Dee River. \$5,224,231.37 has previously been approved for preliminary engineering. \$5,224,231.37 of Regional Strategic Transportation Investments funds will be replaced with Build NC Bonds funds. Additional funds of \$260,269.79 of Build NC Bonds funds are requested. This project has previously been identified as a Trust Fund Intrastate System project.	\$260,269.79
Union Co. Div. 10 B-5243WM DIVISION	WBS 42845.4.1 Bridge #258 over South Fork Crooked Creek on SR 1008 and the intersection of SR 1009 and SR 1371. Initial funds are requested for mitigation charges for permits.	\$176,280.00
Lincoln/ Mecklenburg Cos. Divs. 10/12 R-5721 REGIONAL	WBS 50215.1.1 NC 73 from NC 16 Business in Lincoln County to SR 5544 (West Catawba Avenue) in Mecklenburg County. \$1,415,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	\$600,000.00
Watauga Co. Div. 11 B-5118WM DIVISION	WBS 42256.4.1 Replace Bridge #55 over Lance Creek on SR 1557. Initial funds are requested for mitigation charges for permits.	\$20,280.00
Wilkes Co. Div. 11 R-5759 DIVISION	WBS 44691.1.1 NC 115 from US 421 to 2nd Street. \$1,000,00.00 has previously been approved for preliminary engineering. \$721,164.40 of Division Strategic Transportation Investments funds will be replaced with Build NC Bonds funds.	\$0.00

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Cleveland Co. Div. 12 R-2707WM REGIONAL	WBS 34497.4.6 US 74 Shelby Bypass from East of NC 226 to East of NC 150. \$5,478,181.00 has previously been approved for mitigation charges for permits. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$155,000.00
Gaston Co. Div. 12 U-6038 DIVISION	WBS 46974.2.2 US 74 (Wilkinson Boulevard) from NC 7 (Catawba Street) to SR 2209 (Wesleyan Drive). Initial funds are requested for utilities.	\$40,000.00
Iredell Co. Div. 12 R-5100A DIVISION	WBS 41890.1.2 SR 1109 (Williamson Road) from I-77 to SR 1100 (Brawley School Road). \$500,000.00 has previously been approved for preliminary engineering. \$216,011.20 of Division Strategic Transportation Investments funds will be replaced with Build NC Bonds funds.	\$0.00
Iredell Co. Div. 12 U-5799 REGIONAL	WBS 44371.1.1 US 21 from SR 1933 to Fort Dobbs Road. \$637,721.22 has previously been approved for preliminary engineering. \$637,721.22 of Regional Strategic Transportation Investments funds will be replaced with Build NC Bonds funds. Additional funds of \$ 693,808.96 of Build NC Bonds funds are requested.	\$693,808.96
Iredell Co. Div. 12 U-5817 BONUS ALLOCATION	WBS 44389.2.1 Extend SR 1246(Fairview Road) over I-77 to connect with SR 1206 (Alcove Road) and construct parallel north-south connector road to SR 1109 (Williamson Road). \$4,812,500.00 additional Federal-Aid funds. (See page M-13 For Federal funding.) Funds are needed for full right of way and utilities.	\$4,487,500.00

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Buncombe Co. Div. 13 U-6162 DIVISION	WBS 48616.1.1 SR 1332 (North Louisiana Avenue) from US 19/23 (Patton Avenue) to SR 1338 (Emma Road). \$10,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$540,000.00
Buncombe Co. Div. 13 U-6163 DIVISION	WBS 48618.1.1 SR 3116 (Mills Gap Road) at SR 3136 (Cane Creek Road) intersection. \$10,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$150,000.00
Burke Co. Div. 13 U-6123 REGIONAL	WBS 48388.1.1 US 64 (Burkemont Avenue) at US 70 (West Fleming Drive). \$10,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$210,000.00
McDowell Co. Div. 13 U-5818 DIVISION	WBS 44390.1.1 SR 1001 (Sugar Hill Road) from I-40 westbound ramps to 0.3 mile west of I-40 eastbound ramps. \$604,848.20 has previously been approved for preliminary engineering. \$604,848.20 of Division Strategic Transportation Investments funds will be replaced with Build NC Bonds funds. Additional funds of \$541,848.83 of Build NC Bonds funds are requested.	\$541,848.83
Rutherford Co. Div. 13 R-5880 REGIONAL	WBS 48385.1.1 US 221 at SR 2201 (Thunder Road)/SR 1005 (Coxe Road). \$10,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$150,000.00

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Rutherford Co. Div. 13 U-5833 DIVISION	WBS 50225.1.1 SR 2241 (Oak Street) from SR 2159 (Pine Ridge Road) to US 74. \$674,000.00 has previously been approved for preliminary engineering. Additional funds of \$718,667.60 of Build NC Bonds funds are requested.	\$718,667.60
Cherokee Co. Div. 14 R-5735 DIVISION	WBS 50193.1.1 US 19 / US 74 / US 64 / US 129 from the end of 4-lane divided section to US 19 Business (Hiwassee Street). \$4,178,393.00 has previously been approved for preliminary engineering. \$2,002,863.12 of Division Strategic Transportation Investments funds will be replaced with Build NC Bonds funds.	\$0.00
Cherokee Co. Div. 14 R-5735 DIVISION	WBS 50193.2.1 US 19 / US 74 / US 64 / US 129 from the end of 4-lane divided section to US 19 Business (Hiwassee Street). \$1,300,000.00 has previously been approved for full right of way and utilities. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$915,000.00
Clay Co. Div. 14 R-5742 DIVISION	WBS 46325.1.D1 NC 175 from Georgia State Line to US 64, upgrade roadway. \$1,948,893.00 has previously been approved for preliminary engineering. \$1,911,194.94 of Division Strategic Transportation Investments funds will be replaced with Build NC Bonds funds.	\$0.00
Clay Co. Div. 14 R-5742 DIVISION	WBS 46325.2.1 NC 175 from Georgia State Line to US 64, upgrade roadway. \$2,750,000.00 has previously been approved for full right of way and utilities. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$450,000.00

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Haywood Co. Div. 14 U-5839 DIVISION	WBS 50230.1.1 US 276 (Russ Avenue) from US 23/74 to US 23 Business (Main Street). \$2,743,401.00 has previously been approved for preliminary engineering. \$1,909,140.12 of Division Strategic Transportation Investments funds will be replaced with Build NC Bonds funds.	\$0.00
Haywood Co. Div. 14 U-5888 DIVISION	WBS 44625.2.1 Intersection of US 23 Business (North Main Street) and Walnut Street. \$950,000.00 has previously been approved for full right of way. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$1,100,000.00
Haywood Co. Div. 14 U-5888 DIVISION	WBS 44625.1.1 Intersection of US 23 Business (North Main Street) and Walnut Street. \$461,484.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$212,000.00
Henderson Co. Div. 14 I-4400C REGIONAL	WBS 34232.2.5 I-26 from US 25 Business (Exit 44) to NC 280 (Exit 40). \$2,000,000.00 has previously been approved for full right of way. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$1,640,000.00
Henderson Co. Div. 14 R-5207C DIVISION	WBS 45393.3.5 SR 1006 (Howard Gap Road) from SR 1539 (Jackson Road) to US 25 in Fletcher. \$956,348.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$350,000.00

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Henderson Co. Div. 14 U-5840 DIVISION	WBS 50231.1.D1 SR 1547 (Old Airport Road) from US 25 to Mills Gap Road. \$1,182,367.95 has previously been approved for preliminary engineering. \$81,367.95 of Division Strategic Transportation Investments funds will be replaced with Build NC Bonds funds. Additional funds of \$1,139,367.78 of Build NC Bonds funds are requested.	\$1,139,367.78
Henderson Co. Div. 14 U-5840 DIVISION	WBS 50231.2.1 SR 1547 (Old Airport Road) from US 25 to Mills Gap Road. \$1,940,000.00 has previously been approved for right of way. Additional funds are requested.	\$357,000.00
Henderson Co. Div. 14 U-6124 REGIONAL	WBS 48386.1.1 NC 280 (Boylston Highway) at NC 191 (Haywood Road) to NC 191 (Old Haywood Road). \$10,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$280,000.00
Jackson Co. Div. 14 R-5881 REGIONAL	WBS 48375.1.1 US 64 at NC 107. \$10,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$450,000.00
Macon Co. Div. 14 R-5734A DIVISION	WBS 50192.2.1 US 23/ US 441 from US 64 to SR 1652 (Wide Horizon Drive) / SR 1152 (Belden Circle). \$1,700,000.00 has previously been approved for full right of way and utilities. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$1,120,000.00

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Macon Co. Div. 14 R-5734B REGIONAL	WBS 50192.1.2 US 23 / US 441 from SR 1652 (Wide Horizon Drive) / SR 1152 (Belden Circle) to SR 1649 (Prentiss Bridge Road). \$975,000.00 has previously been approved for preliminary engineering. \$685,480.54 of Regional Strategic Transportation Investments funds will be replaced with Build NC Bonds funds.	\$0.00
Macon Co. Div. 14 R-5846 DIVISION	WBS 47089.1.1 NC 106 (Dillard Road) from Georgia State Line to US 64 (Main Street) in Highlands. \$1,100,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$317,000.00
Polk Co. Div. 14 I-4729 REGIONAL/ DIVISION	WBS 34243.1.3 I-26/ US 74/ NC 108 interchange. \$2,435,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$43,000.00
Polk Co. Div. 14 I-4729A REGIONAL	WBS 34243.3.2 I-26 / US 74 / NC 108 interchange. \$26,400,000.00 has previously been approved for construction. Additional funds are requested.	\$2,500,000.00
Swain Co. Div. 14 R-5843 DIVISION	WBS 47085.1.1 SR 1321 (Bryson Walk), SR 1336 (Depot Street) from SR 1323 (Slope Street) to SR 1336 (Deep Creek Road). Improve intersection. \$600,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$125,000.00

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Swain Co. Div. 14 R-5843 DIVISION	WBS 47085.2.1 SR 1321 (Bryson Walk), SR 1336 (Depot Street) from SR 1323 (Slope Street) to SR 1336 (Deep Creek Road). Improve intersection. \$100,000.00 has previously been approved for full right of way and utilities. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$585,000.00
Transylvania Co. Div. 14 R-5882 REGIONAL	WBS 48376.1.1 US 64 (South Broad Street) at US 64 Business (South Caldwell Street) / SR 1116 (North Country Club Road) intersection. \$10,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$516,000.00
Statewide M-0392 STATEWIDE/ REGIONAL/ DIVISION	WBS 40290.1.2 Hydraulics and preliminary engineering for miscellaneous projects. \$2,229,436.00 has previously been approved for preliminary engineering. Additional funds are requested for support of 2D modeling of Lumber River and I-95 in Lumberton to support impact analysis and design requirements using 40% Statewide (\$164,000.00) / 30% Regional (\$123,000.00) / 30% Division (\$123,000.00) Tier funding.	\$410,000.00
Statewide F-5703B DIVISION	WBS 47256.3.2 Two support/anchor tugs, one support tug and three barges. \$4,200,000.00 has previously been approved for construction. Additional funds are requested.	\$4,600,000.00
Statewide M-0479 STATEWIDE/ REGIONAL/ DIVISION	WBS 46314.1.S1 Statewide project development and environmental analysis, preliminary engineering for miscellaneous projects. \$9,530,000.00 has previously been approved for preliminary engineering. Additional funds are requested for additional design work. Additional funds are requested using 40% Statewide (\$1,000,000.00) / 30% Regional (\$750,000.00) / 30% Division (\$750,000.00) Tier funding.	\$2,500,000.00

STATEWIDE STRATEGIC TRANSPORTATION INVESTMENTS	9 PROJECTS	\$3,105,000.00
REGIONAL STRATEGIC TRANSPORTATION INVESTMENTS	23 PROJECTS	\$11,239,409.34
DIVISION STRATEGIC TRANSPORTATION INVESTMENTS	39 PROJECTS	\$22,904,094.41
STATEWIDE/DIVISION TRANSPORTATION INVESTMENTS	3 PROJECTS	\$1,765,679.91
STATEWIDE/REGIONAL TRANSPORTATION INVESTMENTS	1 PROJECTS	\$412,645.44
STATEWIDE/REGIONAL/DIVISION TRANSPORTATION INVESTMENTS	2 PROJECTS	\$2,910,000.00
REGIONAL/DIVISION TRANSPORTATION INVESTMENTS	1 PROJECTS	\$43,000.00
BONUS ALLOCATION STRATEGIC TRANSPORTATION INVESTMENTS	2 PROJECTS	\$4,748,750.00
STRATEGIC TRANSPORTATION INVESTMENTS	80 PROJECTS	\$47,128,579.10

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

L-1

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Carteret Co. Div. 2 SS-4902DH	WBS 48742.1.2 SR 1124 (Nine Mile Road/Nine Foot Road) between NC 24 and US 70. Initial Spot Safety preliminary engineering funds are needed for warning sign revisions. File 02-18-54444P	\$5,000.00
New Bern/ Craven Co. Div. 2 SS-4902DE	WBS 48739.1.2 NC 55 (Neuse Boulevard) at SR 1309/SR 1402 (Glenburnie Road). Initial Spot Safety preliminary engineering funds are needed for traffic signal, signing, and pavement marking revisions. File 02-17-46888P	\$5,000.00
New Bern/ Craven Co. Div. 2 SS-4902DF	WBS 48740.1.2 SR 1395 (Martin Luther King Boulevard) at Degrafenreid Avenue/Jefferson Avenue; SR 1395 at SR 1215 (Simmons Street; SR 1395 at Pinetree Drive; SR 1395 at Hotel Drive; SR 1395 at US 70 Westbound Ramps; US 17 Business (Martin Luther King Boulevard) at US 70 Eastbound Ramps; US 17 Business at New Bern Mall/Walmart; US 17 Business at Lowe's Boulevard; US 17 Business at Red Robin Lane; US 17 Business at McCarthy Boulevard. Initial Spot Safety preliminary engineering funds are needed for traffic signal revisions. File 02-18-52752P	\$30,000.00
Pitt Co. Div. 2 SS-4902DG	WBS 48741.1.2 SR 1206 (Bell Arthur Road) between 0.07 mile west of SR 1208 (Kinsaul-Willoughby Road) and 0.15 mile southeast of SR 1127 (Frog Level Road). Initial Spot Safety preliminary engineering funds are needed for warning sign and pavement marking revisions, supplemental Stop sign and monolithic island construction on SR 1127, and shoulder improvements. File 02-18-53594P	\$30,000.00
Wilmington/ New Hanover Co. Div. 3 SS-4903EC	WBS 48743.1.2 US 17 Business (Market Street) and US 17 Business (3rd Street). Initial Spot Safety preliminary engineering funds are needed for traffic signal revisions. File 03-19-48672P	\$10,000.00

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

L-2

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Jacksonville/ Onslow Co. Div. 3 SS-4903ED	WBS 48744.1.2 SR 1308 (Gumbranch Road) and Williamsburg Parkway. Initial Spot Safety preliminary engineering funds are needed for traffic signal revisions. File 03-19-48239P	\$9,000.00
Jacksonville/ Onslow Co. Div. 3 SS-4903EE	WBS 48745.1.2 US 17 Business (Wilmington Highway) and SR 1400 (Broadhurst Road). Initial Spot Safety preliminary engineering funds are needed for traffic signal revisions. File 03-19-54178P	\$4,000.00
Jacksonville/ Onslow Co. Div. 3 SS-4903EG	WBS 48782.1.2 SR 1336 (Henderson Drive) in the vicinity of Jacksonville High School. Initial Spot Safety preliminary engineering funds are needed for pedestrian hybrid beacon installation. File 03-19-56341P	\$12,000.00
Johnston Co. Div. 4 SM-5704E	WBS 48803.1.1 US 70 Business at Town Centre Boulevard. Initial Spot Mobility preliminary engineering funds are needed for traffic signal and pavement marking revisions for a dynamic left turn intersection. File 04-19-57270P	\$10,000.00
Johnston Co. Div. 4 SM-5704E	WBS 48803.3.1 US 70 Business at Town Centre Boulevard. Initial Spot Mobility construction funds are needed for traffic signal and pavement marking revisions for a dynamic left turn intersection. File 04-19-57270C	\$40,000.00

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

L-3

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
Johnston Co. Div. 4 SS-4904EY	WBS 48746.1.2 NC 42 between Johnson Estate Road and the US 70 westbound ramps. Initial Spot Safety preliminary engineering funds are needed for pavement marking and signing revisions. File 04-19-55811P	\$1,000.00
Cary/ Wake Co. Div. 5 SM-5705AE	WBS 48802.1.1 SR 1009 (Tryon Road) at SR 3977 (Cary Parkway). Initial Spot Mobility preliminary engineering funds are needed for traffic signal and pavement marking revisions for a dynamic left turn intersection. File 05-19-57095P	\$5,000.00
Cary/ Wake Co. Div. 5 SM-5705AE	WBS 48802.3.1 SR 1009 (Tryon Road) at SR 3977 (Cary Parkway). Initial Spot Mobility construction funds are needed for traffic signal and pavement marking revisions for a dynamic left turn intersection. File 05-19-57095C	\$40,000.00
Cary/ Wake Co. Div. 5 SM-5705AE	WBS 48802.2.1 SR 1009 (Tryon Road) at SR 3977 (Cary Parkway). Initial Spot Mobility right of way and utilities funds are needed for traffic signal and pavement marking revisions for a dynamic left turn intersection. File 05-19-57095R	\$10,000.00
Harnett Co. Div. 6 SS-4906ED	WBS 48757.1.2 SR 1006 (Old Stage Road) at SR 1532 (Langdon Road). Initial Spot Safety preliminary engineering funds are needed for All-Way Stop installation. File 06-19-56083P	\$1,000.00

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

L-4

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
Robeson Co. Div. 6 SS-4906EE	WBS 48758.1.2 NC 211 at SR 1318 (McQueen Road). Initial Spot Safety preliminary engineering funds are needed for All-Way Stop installation. File 06-19-56141P	\$1,000.00
Guilford Co. Div. 7 SS-4907CN	WBS 48759.1.2 SR 1113 (Kivett Drive) at SR 1145 (Riverdale Drive) east of High Point. Initial Spot Safety preliminary engineering funds are needed for All-Way Stop and flasher installation, and radius improvements. File 07-19-5963P	\$5,000.00
Davidson Co. Div. 9 SS-4909CM	WBS 48761.1.2 NC 150 northbound from north of Freyes Creek northward to SR 3271 (Meadowlark Drive). Initial Spot Safety preliminary engineering funds are needed for shoulder improvements and guardrail installation. File 09-19-5958P	\$25,000.00
Mecklenburg Co. Div. 10 SM-5710C	WBS 47660.2.1 I-485 at SR 1004 (Lawyers Road) near Charlotte. \$75,000 in Spot Mobility right of way and utilities funds has previously been approved for widening and turn lane construction. Funds will not be needed, therefore, reduce funds and close. File 10-16-253-1-1	-\$75,000.00
Mecklenburg Co. Div. 10 SM-5710C	WBS 47660.3.1 I-485 at SR 1004 (Lawyers Road) near Charlotte. \$400,000.00 in Spot Mobility construction funds has previously been approved for widening and turn lane construction. Additional funds are needed due to an increase in construction costs. File 10-16-253-1-2	\$160,000.00

June 27, 2019

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

L-5

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
Mint Hill/ Mecklenburg Co. Div. 10 SS-4910DP	WBS 48762.1.2 SR 5223 (Wilgrove Mint Hill Road) between NC 51 and Pine Hill Road. Initial Spot Safety preliminary engineering funds are needed for roadway improvements. File 10-18-208P	\$5,000.00
Charlotte/ Mecklenburg Co. Div. 10 SS-4910DQ	WBS 48763.1.2 SR 1009 (Monroe Road) at Ashmore Drive. Initial Spot Safety preliminary engineering funds are needed for sight distance improvements and pedestrian refuge installation. File 10-18-227P	\$20,000.00
Wesley Chapel/ Union Co, Div. 10 SM-5710E	WBS 47905.2.1 SR 1346 (Potter Road) and SR 1162 (Wesley Chapel Road) in Wesley Chapel. \$20,000.00 in Spot Mobility right of way and utilities funds has previously been approved for roundabout installation. This project was set up only as a 20% state match to allocated STBGDA (Surface Transportation Block Grant Program - Direct Attributable) funds for this location. U-6087 (47882) will construct the project. Transfer \$20,000.00 from SM-5710E (47905.2.1) to cover the 20% state match needed, and then close WBS 47905.2.1. File 10-17-211-1	\$0.00
Monroe/ Union Co. Div. 10 SM-5710G	WBS 47907.3.1 US 74 and NC 200 in Monroe. \$250,000.00 in Spot Mobility construction funds has previously been approved for turn lane construction. Additional funds are needed due to an increase in construction costs. File 10-17-277-3	\$200,000.00
Monroe/ Union Co. Div. 10 SM-5710G	WBS 47907.2.1 US 74 and NC 200 in Monroe. \$50,000.00 in Spot Mobility right of way and utilities funds has previously been approved for turn lane construction. Additional funds are needed due to an increase in right of way and utilities costs. File 10-17-277-2	\$50,000.00

June 27, 2019

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

L-6

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
Monroe/ Union Co. Div. 10 SM-5710G	WBS 47907.1.1 US 74 and NC 200 in Monroe. \$25,000.00 in Spot Mobility preliminary engineering funds has previously been approved for turn lane construction. Additional funds are needed due to an increase in preliminary engineering costs. File 10-17-277-1	\$20,000.00
Avery Co. Div. 11 SS-4911BF	WBS 48766.1.2 US 221 Between NC 194 and SR 1503 (Mill Timber Creek Road). Initial Spot Safety preliminary engineering funds are needed for guardrail installation. File 11-18-204P	\$5,000.00
Boone/ Watauga Co. Div. 11 SS-4911BD	WBS 48764.1.2 US 321/US 421/W. King Street at SR 1102 (Water Street). Initial Spot Safety preliminary engineering funds are needed for traffic signal revisions. File 11-19-200P	\$5,000.00
Watauga Co. Div. 11 SS-4911BE	WBS 48765.1.2 NC 194 in the vicinity of SR 1328 (Brookshire Road). Initial Spot Safety preliminary engineering funds are needed for installation of an electronic LED (solar powered) blinker sign, reflectors on existing guardrail, and wider edge lines. File 11-19-201P	\$1,000.00
Lincolnton/ Lincoln Co. Div. 12 SS-4912CZ	WBS 48767.1.2 NC 27/150 (East Main Street) at SR 1001 (Salem Church Road). Initial Spot Safety preliminary engineering funds are needed for traffic signal and pavement marking revisions. File 12-19-200P	\$5,000.00

June 27, 2019

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

L-7

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
Burke Co. Div. 13 SS-4913DA	WBS 48768.1.2 NC 181 from SR 1414 to SR 1263 near Morganton. Initial Spot Safety preliminary engineering funds are needed for centerline rumble stripes installation. File 13-19-200P	\$10,000.00
McDowell Co. Div. 13 SS-4913DB	WBS 48769.1.2 NC 226 from US 64 to SR 1794 near Marion. Initial Spot Safety preliminary engineering funds are needed for centerline rumble stripes installation. File 13-19-201P	\$10,000.00
Cherokee Co. Div. 14 SS-4914DT	WBS 48771.1.2 SR 1428 (Airport Rd.) from SR 1374 to 0.4 mile west of SR 1376 near Marble. Initial Spot Safety preliminary engineering funds are needed for guardrail installation. File 14-19-203P	\$5,000.00
Transylvania Co. Div. 14 SS-4914DS	WBS 48770.1.2 US 64 from US 178 to SR 1337 near Rosman. Initial Spot Safety preliminary engineering funds are needed for centerline rumble stripes installation. File 14-19-201P	\$5,000.00
ITEM L SUMMARY	34 PROJECTS	\$669,000.00

June 27, 2019

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

Division 1

Rail Program

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Northampton Co. Z-5700AA DIVISION	44803.3.28, RR-1314(008) Railway-Highway Grade Crossing Safety Project at SR 1314 (Pleasant Grove Road) and CSX Crossing #630 105C near Gumberry. Funds are needed for construction to revise grade crossing signals and gates.	\$270,000.00 Cost \$243,000.00 Fed. \$27,000.00 State

Supportive Services Work Program

Pasquotank Co. M-0460AJ EXEMPT	50084.1.19, NST-0NST(018) National Summer Transportation Institute (NSTI) Grants. Funds are needed for the 2019 NSTI High School Student Program at Elizabeth City State University (ECSU).	\$49,777.00 Cost \$49,777.00 Fed.
Pasquotank Co. M-0460AK EXEMPT	50084.1.20, NST-0NST(019) National Summer Transportation Institute (NSTI) Grants. Funds are needed for the 2019 NSTI Middle School Student Program at Elizabeth City State University (ECSU).	\$59,595.00 Cost \$59,595.00 Fed.

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

Division 2

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Pitt Co. W-5702N REGIONAL	44848.3.14, HSIP-0011(041) NC 11 at SR 1131 (Reedy Branch Road) in Winterville. Funds are needed for construction to install super street.	\$677,000.00 Cost \$609,300.00 Fed. \$67,700.00 State

Rural

Craven Co. R-1015 DIVISION/ REGIONAL	34360.2.5, NHF-0070(049) US 70 (Havelock Bypass) from north of Pine Grove to just north of the Carteret County Line. \$4,000,000.00 has previously been approved for utilities. Additional funds are needed as requested.	\$40,000.00 Cost \$32,000.00 Fed. \$8,000.00 State
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**NCDOT July 2019 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	34932.2.5, STP-1175(011) SR 1175 (Kerr Avenue) at the US 74 (Martin Luther King, Jr. Parkway) interchange in Wilmington. \$400,000.00 has previously been approved for utilities. Additional funds are needed as requested.	\$1,175,000.00 Cost \$940,000.00 Fed. \$235,000.00 State

Safety

Brunswick Co. W-5703Q REGIONAL	44849.2.17, HSIP-0130(012) NC 130 (Whiteville Road) at SR 1321 (Longwood Road) and SR 1330 (Waccamaw School Road). Funds are needed for full right of way and utilities.	\$270,000.00 Cost \$243,000.00 Fed. \$27,000.00 State
New Hanover Co. W-5703R REGIONAL	44849.1.18, HSIP-0132(013) NC 132 (South College Road) at Bragg Drive. Funds are needed for preliminary engineering.	\$112,000.00 Cost \$100,800.00 Fed. \$11,200.00 State

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

Division 4

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Divisionwide W-5704Z STATEWIDE	44850.3.26, HSIP-00SS(056) Install thermoplastic pavement markings along various routes in Highway Division 4. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published May 28, 2019.	\$5,838,000.00 Cost \$5,254,200.00 Fed. \$583,800.00 State
Wayne Co. W-5704F REGIONAL	44850.2.6, HSIP-0581(030) NC 581 between SR 1317 (Buck Swamp Road) and SR 1324 (Nor-Am Road). Funds are needed for full right of way and utilities.	\$252,418.00 Cost \$227,176.00 Fed. \$25,242.00 State

Supportive Services Work Program

Halifax Co. M-0460AL EXEMPT	50084.1.24, NST-0NST(023) National Summer Transportation Institute (NSTI) Grants. Funds are needed for the 2019 NSTI Student Program at Roanoke-Chowan Community College.	\$51,889.00 Cost \$51,889.00 Fed.
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Rural

Edgecombe Co. R-5784DF DIVISION	44914.3.14, TAP-0441(016) ADA Ramps (Americans with Disabilities Act) for areas with populations > 5,000. Funds are needed for construction to install concrete curb ramps and retrofit existing ramps.	\$945,900.00 Cost \$756,720.00 Fed. \$79,500.00 State \$109,680.00 Local
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**NCDOT July 2019 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 5

Congestion Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Wake Co. C-5604IA EXEMPT	43714.3.3, CMS-0540(032) Panther Creek Greenway including bridge over Panther Creek and a grade separated crossing at I-540 and Green Level Church Road in Cary. \$1,257,300.00 has previously been approved for construction. Additional funds are needed as requested to install the greenway.	\$2,850,000.00 Cost \$1,425,000.00 Fed. \$1,425,000.00 Local
Wake Co. C-5604ID EXEMPT	43714.2.16, CMAQ-0503(035) Higgins Greenway Expansion Project (Phase 3) to extend greenway approximately 0.8 mile toward downtown Cary. Funds are needed for full right of way and utilities.	\$1,900,000.00 Cost \$1,520,000.00 Fed. \$380,000.00 Local

Urban

Wake Co. U-5530NA DIVISION	44111.3.10, TAPDA-0517(012) Research Triangle Park (RTP) / Morrisville Davis Drive Trailway Project. \$2,330,000.00 has previously been approved for construction. Additional funds are needed as requested to complete the trail.	\$210,000.00 Cost \$105,000.00 Fed. \$105,000.00 State
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Safety

Divisionwide W-5705Z STATEWIDE	44851.3.26, HSIP-00SS(023) Various Interstate and National Highway System routes in Highway Division 5. Funds are needed for construction to replace guardrail end units.	\$690,000.00 Cost \$621,000.00 Fed. \$69,000.00 State
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Supportive Services Work Program

Vance Co. M-0460EB EXEMPT	50084.1.23, NST-0NST(022) National Summer Transportation Institute (NSTI) Grants. Funds are needed for the 2019 NSTI Student Program at Vance-Granville Community College.	\$30,485.00 Cost \$30,485.00 Fed.
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**NCDOT July 2019 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 6

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Cumberland Co. B-4091(L) REGIONAL	33449.2.3, BRSTBG-0095(052) Landscaping - Bridge #85 over Cape Fear River on SR 1737 in Fayetteville (Combined with B-4949(L): Landscaping for Bridge #61 over Cross Creek on I-95 Business / US 301). \$142,231.00 has previously been approved for landscape development. Additional funds are needed as requested for landscaping.	\$192,800.00 Cost \$192,800.00 Fed.
Cumberland Co. B-4490 STATEWIDE	33727.2.FSU1, BRNHS-0024(024) Replace Bridge #116 over two railways and Hillsboro Street on NC 24 / NC 210 in Fayetteville. \$860,000.00 has previously been approved for utilities. Additional funds are needed as requested.	\$2,000,000.00 Cost \$1,600,000.00 Fed. \$400,000.00 State

Supportive Services Work Program

Robeson Co. M-0460FC EXEMPT	50841.1.22, NST-0NST(021) National Summer Transportation Institute (NSTI) Grants. Funds are needed for the 2019 NSTI Student Program at University of North Carolina Pembroke.	\$39,269.00 Cost \$39,269.00 Fed.
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Rural

Cumberland Co. X-0002CC(L) STATEWIDE	35196..3.24, NHP-0295(006) Landscaping - Fayetteville Outer Loop from SR 1007 (All American Freeway) to east of US 401 (Ramsey Street). Funds are needed for landscaping.	\$310,000.00 Cost \$248,000.00 Fed. \$62,000.00 State
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**NCDOT July 2019 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 7

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Orange Co. W-5707K DIVISION	44853.3.11, HSIP-1010(016) Franklin Street Pedestrian Improvement Project - SR 1010 (West Franklin Street) between Graham Street and Brewer Lane, including the SR 1927 / SR 1771 (Merritt Mill Road) intersection in Chapel Hill. Funds are needed for construction to install pedestrian accommodations.	\$100,000.00 Cost \$90,000.00 Fed. \$10,000.00 State

Supportive Services Work Program

Guilford Co. M-0460GD EXEMPT	50084.1.21, NST-ONST(020) National Summer Transportation Institute (NSTI) Grants. Funds are needed for the 2019 NSTI Student Program at North Carolina A&T State University.	\$63,168.00 Cost \$63,168.00 Fed.
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Bicycle and Pedestrian

Guilford Co. EL-5101DL DIVISION	41823.3.21, STPDA-0708(042) Various sidewalk projects in Greensboro. Funds are needed for construction to install sidewalks.	\$5,532,500.00 Cost \$4,426,000.00 Fed. \$1,106,500.00 Local
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**NCDOT July 2019 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 8

Rail Program

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Moore Co. Z-5700HB DIVISION	44803.3.35, RR-0829(009) Railway-Highway Grade Crossing Safety Project at Saint Andrews Drive and Aberdeen Carolina & Western Railway (ACWR) Crossing #465 770G in Pinehurst. Funds are needed for construction to revise grade crossing signals and gates.	\$260,000.00 Cost \$234,000.00 Fed. \$26,000.00 State
Randolph Co. Z-5700HC DIVISION	44803.3.36, RR-1689(002) Railway-Highway Grade Crossing Safety Project at SR 1689 (Stewart Street) and Norfolk Southern Crossing #722 431L near Sophia. Funds are needed for construction to revise grade crossing signals and gates.	\$325,000.00 Cost \$292,500.00 Fed. \$32,500.00 State

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

Division 9

Supportive Services Work Program

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Forsyth Co. M-0460IA EXEMPT	50084.1.25, NST-ONST(024) National Summer Transportation Institute (NSTI) Grants. Funds are needed for the 2019 NSTI Student Program at Winston-Salem State University.	\$36,106.00 Cost \$36,106.00 Fed.

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

Division 10

Congestion Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Cabarrus Co. C-4916C EXEMPT	44016.3.4, CMS-1034(009) Oakwood Avenue Sidewalk Project along Oakwood Avenue from Windsor Drive to Rogers Lake Road in Kannapolis. \$920,875.00 has previously been approved for construction. Additional funds are needed as requested to install sidewalks.	\$1,436,000.00 Cost \$1,148,800.00 Fed. \$287,200.00 Local

Urban

Mecklenburg Co. U-5108 DIVISION	42370.2.2, STBGDA-1001(093) Northcross Drive Extension from NC 73 in Huntersville to Westmoreland Road in Cornelius. This project also includes \$261,250.00 of Strategic Transportation Investment (STI) Bonus Allocation funds (see page K-8 for State STI funding). Funds are needed for full right of way and utilities. This is a Strategic Transportation Investments Transition project.	\$1,193,750.00 Cost \$955,000.00 Fed. \$238,750.00 State
Union Co. U-5987 DIVISION	45966.3.1, STBGDA-1001(078) SR 1367 (Unionville Indian Trail Road) and SR 1515 (Sardis Church Road). Funds are needed for construction to install roundabout and intersection improvements.	\$2,210,000.00 Cost \$1,657,500.00 Fed. \$552,500.00 Local
Union Co. U-6087 DIVISION	47882.2.1, STBGDA-1003(170) SR 1346 (Potter Road) at SR 1162 (Wesley Chapel Road). Funds are needed for full right of way and utilities.	\$100,000.00 Cost \$59,000.00 Fed. \$20,000.00 State \$21,000.00 Local

Bridge

Cabarrus Co. B-5375 DIVISION	46090.2.1, BRZ-1132(010) Replace Bridge #137 over Dutch Buffalo Creek on SR 1132. Funds are needed for full right of way and utilities.	\$60,000.00 Cost \$48,000.00 Fed. \$12,000.00 State
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**NCDOT July 2019 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 10 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Mecklenburg Co. W-5710GB REGIONAL	44856.3.33, HSIP-0052(058) US 52 from the Norwood City Limits northward to NC 138. Funds are needed for construction to install intersection improvements.	\$1,184,500.00 Cost \$1,066,050.00 Fed. \$118,450.00 State
Mecklenburg Co. W-5710R REGIONAL	44856.2.18, HSIP-0051(033) NC 51 from SR 3687 (Park Road) to SR 3611 (Carmel Road). Funds are needed for full right of way and utilities.	\$600,000.00 Cost \$540,000.00 Fed. \$60,000.00 State
Stanly Co. W-5710AF DIVISION	44856.2.34, HSIP-1200(099) SR 1200 (Bethel Church Road) and SR 1211 (Coley Store Road) near Locust. Funds are needed for full right of way and utilities.	\$100,000.00 Cost \$90,000.00 Fed. \$10,000.00 State
Union Co. W-5710Q REGIONAL	44856.3.17, HSIP-0205(004) NC 205 at NC 218 in Union County. Funds are needed for construction to install roundabout.	\$875,000.00 Cost \$787,500.00 Fed. \$87,500.00 State

Supportive Services Work Program

Mecklenburg Co. M-460JA EXEMPT	50084.1.26, NST-0NST(025) National Summer Transportation Institute (NSTI) Grants. Funds are needed for the 2019 NSTI Student Program at Johnson C. Smith University.	\$54,397.00 Cost \$54,397.00 Fed.
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**NCDOT July 2019 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 10 (Continued)

Bicycle and Pedestrian

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Cabarrus Co. EB-5844 DIVISION	47301.1.1, TAP-2154(003) Little Texas Road Sidewalk Project to install sidewalks along SR 2154 (Little Texas Road) from SR 2180 (Lane Street) to NC 3 (Dale Earnhardt Boulevard) in Kannapolis. Funds are needed for preliminary engineering.	\$800,000.00 Cost \$640,000.00 Fed. \$160,000.00 Local
Mecklenburg Co. EB-5786 DIVISION	46432.3.1, STBGDA-1003(151) Little Sugar Creek Greenway Extension from Ramblewood Lane in Charlotte to Cadillac Street in Pineville. Funds are needed for construction to install greenway.	\$2,740,000.00 Cost \$2,192,000.00 Fed. \$548,000.00 Local
Union Co. EB-5723 DIVISION	50419.1.1, TAP-0074(212) Indian Trail Multi-Use Pathway along US 74 from SR 1520 (Indian Trail Fairview Road) to SR 1367 (Unionville Indian Trail Road), and the South Fork Crooked Creek Greenway from SR 1367 (Unionville Indian Trail Road) to Oakwood Lane. Funds are needed for preliminary engineering.	\$145,000.00 Cost \$116,000.00 Fed. \$29,000.00 Local

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

Division 12

Urban

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Iredell Co. U-5817 DIVISION	44389.2.1, STBG-1246(003) Fairview Road Extension Project to extend SR 1246 (Fairview Road) over I-77 to SR 1206 (Alcove Road) and construct parallel north-south connector to SR 1109 (Williamson Road). This is a two-year cashflow project with \$778,000.00 of Federal funds in FFY19 and \$3,072,000.00 in FFY20; and Bonus Allocation State Match funds of \$194,500.00 in FFY19 and \$768,000.00 in FFY20. This project also includes \$4,487,500.00 of Strategic Transportation Investment (STI) Bonus Allocation funds (see page K-10 for State STI funding). Funds are needed for full right of way and utilities.	\$4,812,500.00 Cost \$3,850,000.00 Fed. \$962,500.00 State

Rural

Alexander Co. R-5870 EXEMPT	47917.2.1, APD-1232(007) Appalachian Development Project to construct access road to Alexander Industrial Park. Funds are needed for full right of way and utilities.	\$75,000.00 Cost \$75,000.00 Fed.
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**NCDOT July 2019 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-5888B STATEWIDE	46408.3.3, NHPIM-0040(086) I-40 Bridge Rehabilitation in Buncombe County from the Haywood County Line (Milemarker 37) to Milemarker 44. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published May 28, 2019	\$5,000,000.00 Cost \$4,000,000.00 Fed. \$1,000,000.00 State

Urban

Burke Co. U-6057 EXEMPT	47412.3.1, APD-1302(084) Appalachian Development Project to construct connector road from South Sterling Street to West Parker Road in Morganton. Funds are needed for construction to install roadway on new location.	\$1,375,000.00 Cost \$1,375,000.00 Fed.
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**NCDOT July 2019 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 14

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Transylvania Co. B-5550 DIVISION	43653.1.F1, BRSTP-1402(011) Replace Bridge #102 over Kings Creek on Railroad Avenue in Brevard. \$341,885.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$28,190.00 Cost \$22,552.00 Fed. \$5,638.00 Local

Rural

Divisionwide A-0009 EXEMPT	32572.1.FS10, APD-0074(178) Appalachian Development Project for US 74 Corridor "K" from US 19 / US 74 / US 129 in Andrews to NC 28 east of Almond. \$950,000.00 has previously been approved for environmental planning. Additional funds are needed as requested.	\$478,000.00 Cost \$478,000.00 Fed.
Henderson Co. R-5771 EXEMPT	46877.1.1, APD-1690(001) Appalachian Development Project to improve SR 1690 (Broadpointe Drive) and replace Bridge #107 over Knob Creek in Henderson County. \$235,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$180,000.00 Cost \$180,000.00 Fed.

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

Statewide

Rail Program

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Statewide	44803.1.1, RR-000S(889)	\$710,000.00	Cost
Z-5700	Statewide Planning for Highway-Railway Grade Crossing	\$639,000.00	Fed.
SW/REG/DIV	Safety Projects at various locations across the state. \$750,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$71,000.00	State

Supportive Services Work Program

Statewide	50141.1.6, 0JT-00JT(023)	\$153,724.00	Cost
M-0478F	NCDOT Supportive Services allocation for On-the-Job (OJT)	\$153,724.00	Fed.
STATEWIDE	Training. Funds are needed for program implementation.		
Statewide	50142.1.6, DBE-00SS(074)	\$1,240,000.00	Cost
M-0480F	NCDOT Supportive Services for Disadvantaged Business	\$1,240,000.00	Fed.
EXEMPT	Enterprise (DBE) Statements of Work. Funds are needed for program implementation.		

ITEM M SUMMARY - 50 PROJECT(S) - (TOTAL FEDERAL AND STATE) \$45,338,130.00

**HIGHWAY PROGRAM
STIP ADDITIONS**

DIVISION 3

* EB-6034 BRUNSWICK PROJ.CATEGORY DIVISION	SR 1144 (FIRST STREET), CONSTRUCTION OF BIKE LANES ON BOTH SIDES OF FIRST STREET FROM RALEIGH STREET TO BEAUFORT STREET IN OCEAN ISLE BEACH. <u>PROJECT ADDED AT REQUEST OF MPO.</u>	ENGINEERING RIGHT-OF-WAY CONSTRUCTION	FY 2019 - FY 2019 - FY 2020 - FY 2020 - FY 2020 - FY 2020 -	\$39,000 \$31,000 \$77,000 \$63,000 \$270,000 \$220,000	(TADA) (L) (TADA) (L) (BGDA) (L)
				\$700,000	

* EB-6035 BRUNSWICK PROJ.CATEGORY DIVISION	SR 1349, SIDEWALK EXTENSION FROM MULBERRY PARK ALONG WHITE STREET, CONNECTING WITH COMMERCIAL DEVELOPMENT AT THE INTERSECTION OF SMITH AVENUE. <u>PROJECT ADDED AT REQUEST OF MPO.</u>	ENGINEERING RIGHT-OF-WAY CONSTRUCTION	FY 2019 - FY 2019 - FY 2019 - FY 2019 - FY 2020 - FY 2020 -	\$12,000 \$8,000 \$24,000 \$16,000 \$84,000 \$56,000	(TADA) (L) (TADA) (L) (BGDA) (L)
				\$200,000	

* U-6232 BRUNSWICK PROJ.CATEGORY DIVISION	NC 130 (HOLDEN BEACH ROAD), MASTER PLANNING STUDY TO EXAMINE ROADWAY IMPROVEMENTS ALONG THE HOLDEN BEACH CAUSEWAY CORRIDOR. <u>PROJECT ADDED AT REQUEST OF MPO.</u>	ENGINEERING	FY 2019 - FY 2019 -	\$32,000 \$8,000	(BGDA) (L)
				\$40,000	

DIVISION 12

* EB-5977 CATAWBA PROJ.CATEGORY DIVISION	9TH STREET NW CONNECTOR, CITY WALK TO OLD LENOIR ROAD IN HICKORY. CONSTRUCT MULTI-USE TRAIL ALONG 9TH STREET NW. <u>ADD PRELIMINARY ENGINEERING IN FY 19 RIGHT-OF-WAY IN FY 19 AND CONSTRUCTION IN FY 20 NOT PREVIOUSLY PROGRAMMED.</u>	ENGINEERING RIGHT-OF-WAY CONSTRUCTION	FY 2019 - FY 2019 - FY 2020 - FY 2020 - FY 2020 - FY 2020 -	\$278,000 \$70,000 \$86,000 \$22,000 \$1,168,000 \$292,000	(TADA) (L) (BGDA) (L) (BGDA) (L)
				\$1,916,000	

STIP MODIFICATIONS

DIVISION 1

I-6028B MARTIN PROJ.CATEGORY STATEWIDE	US 64 (FUTURE I-87), US 64 ALTERNATE TO NC 125. <u>TO STRATEGICALLY BALANCE LETTINGS, DELAY CONSTRUCTION FROM FY 19 TO FY 20.</u>	CONSTRUCTION	FY 2020 -	\$5,873,000 \$5,873,000	(NHPIM)
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* INDICATES FEDERAL AMENDMENT

Thursday, June 27, 2019

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 1

I-6028C MARTIN PROJ.CATEGORY STATEWIDE	US 64 (FUTURE I-87), NC 125 TO US 13/17 AND US 64 INTERCHANGE. <u>TO STRATEGICALLY BALANCE LETTINGS, DELAY CONSTRUCTION FROM FY 19 TO FY 20.</u>	CONSTRUCTION	FY 2020 - <u>\$5,242,000</u> \$5,242,000	(NHPIM)
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R-2576 CURRITUCK PROJ.CATEGORY DIVISION	NEW ROUTE, MID-CURRITUCK BRIDGE, COINJOCK TO COROLLA. NEW STRUCTURE OVER CURRITUCK SOUND AND UPGRADE APPROACHES. <u>TO STRATEGICALLY BALANCE LETTINGS, DELAY CONSTRUCTION FROM FY 19 TO FY 20.</u>	GARVEE RIGHT-O	FY 2020 - \$1,647,000 (BGLT5) FY 2021 - \$1,647,000 (BGLT5) FY 2022 - \$1,647,000 (BGLT5) FY 2023 - \$1,647,000 (BGLT5) FY 2024 - \$1,647,000 (BGLT5) FY 2025 - \$1,647,000 (BGLT5) FY 2026 - \$1,647,000 (BGLT5) FY 2027 - \$1,647,000 (BGLT5) FY 2028 - \$1,647,000 (BGLT5) FY 2029 - \$1,647,000 (BGLT5) POST YR- \$8,235,000 (BGLT5)	
		RIGHT-OF-WAY	FY 2020 - \$3,200,000 (S(M)) FY 2021 - \$3,200,000 (S(M))	
		UTILITIES	FY 2020 - \$1,947,000 (BGLT5)	
		GARVEE CONSTR	FY 2020 - \$9,380,000 (BGLT5) FY 2021 - \$9,380,000 (BGLT5) FY 2022 - \$9,380,000 (BGLT5) FY 2023 - \$9,380,000 (BGLT5) FY 2024 - \$9,380,000 (BGLT5) FY 2025 - \$9,380,000 (BGLT5) FY 2026 - \$9,380,000 (BGLT5) FY 2027 - \$9,380,000 (BGLT5) FY 2028 - \$9,380,000 (BGLT5) FY 2029 - \$9,380,000 (BGLT5) POST YR- \$46,900,000 (BGLT5)	
		CONSTRUCTION	FY 2020 - \$9,110,000 (S(M)) FY 2020 - \$59,379,000 (BOND R) FY 2021 - \$9,110,000 (S(M)) FY 2021 - \$59,379,000 (BOND R) FY 2022 - \$9,110,000 (S(M)) FY 2022 - \$59,379,000 (BOND R) FY 2023 - \$9,110,000 (S(M)) FY 2023 - <u>\$59,379,000</u> (BOND R)	
			\$447,708,000	

* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 1

* R-2582A	US 158/NC 46, I-95/NC 46 IN ROANOKE RAPIDS TO SR	ENGINEERING	FY 2020 -	\$187,000	(T)
NORTHAMPTON	1312 (ST. JOHN CHURCH ROAD) IN NORTHAMPTON		FY 2021 -	\$187,000	(T)
PROJ.CATEGORY	COUNTY.		FY 2022 -	\$187,000	(T)
DIVISION	<u>PROJECT TO UTILIZE BUILD NC BONDS FOR</u>		FY 2023 -	\$187,000	(T)
	<u>PRELIMINARY ENGINEERING.</u>		FY 2024 -	\$187,000	(T)
			FY 2025 -	\$187,000	(T)
			FY 2026 -	\$187,000	(T)
			FY 2027 -	\$187,000	(T)
			FY 2028 -	\$187,000	(T)
			FY 2029 -	\$187,000	(T)
			POST YR-	\$935,000	(T)
		BUILD NC CONST	FY 2020 -	\$1,630,000	(T)
			FY 2021 -	\$1,630,000	(T)
			FY 2022 -	\$1,630,000	(T)
			FY 2023 -	\$1,630,000	(T)
			FY 2024 -	\$1,630,000	(T)
			FY 2025 -	\$1,630,000	(T)
			FY 2026 -	\$1,630,000	(T)
			FY 2027 -	\$1,630,000	(T)
			FY 2028 -	\$1,630,000	(T)
			FY 2029 -	\$1,630,000	(T)
			POST YR-	\$8,150,000	(T)
		CONSTRUCTION	FY 2020 -	\$2,320,000	(T)
			FY 2021 -	\$14,693,000	(T)
			FY 2022 -	\$14,694,000	(T)
			FY 2023 -	<u>\$14,693,000</u>	(T)
				\$73,655,000	

* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 1

* R-5740	SR 1329 (WOODVILLE ROAD), SR 1331 (RED BANK ROAD) TO SR 1300 (NEW HOPE ROAD). UPGRADE ROADWAY.	ENGINEERING	FY 2020 -	\$42,000	(T)
PERQUIMANS			FY 2021 -	\$42,000	(T)
PROJ.CATEGORY			FY 2022 -	\$42,000	(T)
DIVISION	<u>PROJECT TO UTILIZE BUILD NC BONDS FOR PRELIMINARY ENGINEERING.</u>		FY 2023 -	\$42,000	(T)
			FY 2024 -	\$42,000	(T)
			FY 2025 -	\$42,000	(T)
			FY 2026 -	\$42,000	(T)
			FY 2027 -	\$42,000	(T)
			FY 2028 -	\$42,000	(T)
			FY 2029 -	\$42,000	(T)
			POST YR-	\$210,000	(T)
		BUILD NC CONST	FY 2020 -	\$429,000	(T)
			FY 2021 -	\$429,000	(T)
			FY 2022 -	\$429,000	(T)
			FY 2023 -	\$429,000	(T)
			FY 2024 -	\$429,000	(T)
			FY 2025 -	\$429,000	(T)
			FY 2026 -	\$429,000	(T)
			FY 2027 -	\$429,000	(T)
			FY 2028 -	\$429,000	(T)
			FY 2029 -	\$429,000	(T)
			POST YR-	\$2,145,000	(T)
		CONSTRUCTION	FY 2020 -	\$800,000	(T)
				\$7,865,000	
U-5942	ELIZABETH CITY, ELIZABETH CITY SIGNAL SYSTEM.	CONSTRUCTION	FY 2020 -	\$2,600,000	(BG5200)
PASQUOTANK	<u>TO STRATEGICALLY BALANCE LETTINGS, DELAY CONSTRUCTION FROM FY 19 TO FY 20.</u>			\$2,600,000	
PROJ.CATEGORY					
REGIONAL					

* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 2

* R-4463A	NC 43 CONNECTOR, US 17 BUSINESS TO SOUTH OF	ENGINEERING	FY 2020 -	\$51,000	(T)
CRAVEN	US17/US 70.		FY 2021 -	\$51,000	(T)
PROJ.CATEGORY	<u>PROJECT TO UTILIZE BUILD NC BONDS FOR</u>		FY 2022 -	\$51,000	(T)
REGIONAL	<u>PRELIMINARY ENGINEERING.</u>		FY 2023 -	\$51,000	(T)
			FY 2024 -	\$51,000	(T)
			FY 2025 -	\$51,000	(T)
			FY 2026 -	\$51,000	(T)
			FY 2027 -	\$51,000	(T)
			FY 2028 -	\$51,000	(T)
			FY 2029 -	\$51,000	(T)
			POST YR-	\$255,000	(T)
		RIGHT-OF-WAY	FY 2019 -	\$1,225,000	(T)
		UTILITIES	FY 2019 -	\$500,000	(T)
		BUILD NC CONST	FY 2020 -	\$472,000	(T)
			FY 2021 -	\$472,000	(T)
			FY 2022 -	\$472,000	(T)
			FY 2023 -	\$472,000	(T)
			FY 2024 -	\$472,000	(T)
			FY 2025 -	\$472,000	(T)
			FY 2026 -	\$472,000	(T)
			FY 2027 -	\$472,000	(T)
			FY 2028 -	\$472,000	(T)
			FY 2029 -	\$472,000	(T)
			POST YR-	\$2,360,000	(T)
		CONSTRUCTION	FY 2020 -	\$500,000	(T)
				<u>\$10,070,000</u>	

* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 2

* R-5777B	US 70, WEST THURMAN ROAD/EAST THURMAN ROAD.	ENGINEERING	FY 2020 -	\$5,000	(T)
CRAVEN	CONVERT AT-GRADE INTERSECTION TO		FY 2021 -	\$5,000	(T)
PROJ.CATEGORY	INTERCHANGE.		FY 2022 -	\$5,000	(T)
REGIONAL	<u>PROJECT TO UTILIZE BUILD NC BONDS FOR</u>		FY 2023 -	\$5,000	(T)
	<u>PRELIMINARY ENGINEERING.</u>		FY 2024 -	\$5,000	(T)
			FY 2025 -	\$5,000	(T)
			FY 2026 -	\$5,000	(T)
			FY 2027 -	\$5,000	(T)
			FY 2028 -	\$5,000	(T)
			FY 2029 -	\$5,000	(T)
			POST YR-	\$25,000	(T)
		BUILD NC ROW	FY 2020 -	\$1,716,000	(T)
			FY 2021 -	\$1,716,000	(T)
			FY 2022 -	\$1,716,000	(T)
			FY 2023 -	\$1,716,000	(T)
			FY 2024 -	\$1,716,000	(T)
			FY 2025 -	\$1,716,000	(T)
			FY 2026 -	\$1,716,000	(T)
			FY 2027 -	\$1,716,000	(T)
			FY 2028 -	\$1,716,000	(T)
			FY 2029 -	\$1,716,000	(T)
			POST YR-	\$8,580,000	(T)
		RIGHT-OF-WAY	FY 2020 -	\$1,700,000	(T)
			FY 2021 -	\$1,700,000	(T)
		UTILITIES	FY 2020 -	\$300,000	(T)
		CONSTRUCTION	FY 2020 -	\$2,500,000	(T)
			FY 2021 -	\$15,834,000	(T)
			FY 2022 -	\$15,833,000	(T)
			FY 2023 -	<u>\$15,833,000</u>	(T)
				\$79,515,000	

* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 2

* R-5812	US 13 BYPASS, NC 58 (KINGOLD BOULEVARD) TO NC	ENGINEERING	FY 2020 -	\$65,000	(T)
GREENE	91. WIDEN TO THREE LANES WITH CENTER TURN		FY 2021 -	\$65,000	(T)
PROJ.CATEGORY	LANE.		FY 2022 -	\$65,000	(T)
DIVISION	<u>PROJECT TO UTILIZE BUILD NC BONDS FOR PRELIMINARY ENGINEERING.</u>		FY 2023 -	\$65,000	(T)
			FY 2024 -	\$65,000	(T)
			FY 2025 -	\$65,000	(T)
			FY 2026 -	\$65,000	(T)
			FY 2027 -	\$65,000	(T)
			FY 2028 -	\$65,000	(T)
			FY 2029 -	\$65,000	(T)
			POST YR-	\$325,000	(T)
		BUILD NC CONST	FY 2020 -	\$429,000	(T)
			FY 2021 -	\$429,000	(T)
			FY 2022 -	\$429,000	(T)
			FY 2023 -	\$429,000	(T)
			FY 2024 -	\$429,000	(T)
			FY 2025 -	\$429,000	(T)
			FY 2026 -	\$429,000	(T)
			FY 2027 -	\$429,000	(T)
			FY 2028 -	\$429,000	(T)
			FY 2029 -	\$429,000	(T)
			POST YR-	\$2,145,000	(T)
		CONSTRUCTION	FY 2020 -	\$300,000	(T)
				\$7,710,000	
U-5606	SR 1598 (DICKINSON AVENUE), NC 11 TO READE	CONSTRUCTION	FY 2020 -	\$8,500,000	(BG5200)
PITT	CIRCLE. IMPROVE ROADWAY.			\$8,500,000	
PROJ.CATEGORY	<u>TO STRATEGICALLY BALANCE LETTINGS, DELAY CONSTRUCTION FROM FY 19 TO FY 20.</u>				
DIVISION					

* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 2

* U-5917 PITT PROJ.CATEGORY DIVISION	SR 1704 (FOURTEENTH STREET), RED BANKS ROAD TO SR 1708 (FIRETOWER ROAD). WIDEN TO MULTI- LANES. <u>PROJECT TO UTILIZE BUILD NC BONDS FOR PRELIMINARY ENGINEERING.</u>	ENGINEERING	FY 2020 - FY 2021 - FY 2022 - FY 2023 - FY 2024 - FY 2025 - FY 2026 - FY 2027 - FY 2028 - FY 2029 - POST YR-	\$92,000 (T) \$92,000 (T) \$460,000 (T)	
		BUILD NC ROW	FY 2019 - FY 2020 - FY 2021 - FY 2022 - FY 2023 - FY 2024 - FY 2025 - FY 2026 - FY 2027 - FY 2028 - FY 2029 - POST YR-	\$172,000 (T) \$172,000 (T) \$688,000 (T)	
		RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2019 - FY 2019 - FY 2021 - FY 2022 - FY 2023 -	\$1,315,000 (T) \$398,000 (T) \$3,200,000 (T) \$3,200,000 (T) \$3,200,000 (T)	
				\$15,273,000	

DIVISION 3

EB-6025 BRUNSWICK PROJ.CATEGORY DIVISION	RICE HOPE MULTI USE PATH, MULTI USE PATH ALONG NC 133 BETWEEN MORECAMBLE BOULEVARD AND RICE HOPE RUN IN BELVILLE. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY RIGHT-OF-WAY FROM FY 19 TO FY 22 AND CONSTRUCTION FROM FY 20 TO FY 22.</u>	ENGINEERING RIGHT-OF-WAY CONSTRUCTION	FY 2019 - FY 2019 - FY 2022 - FY 2022 - FY 2022 - FY 2022 -	\$24,000 (STBGDA) \$6,000 (L) \$2,000 (STBGDA) \$1,000 (L) \$134,000 (STBGDA) \$33,000 (L)	
				\$200,000	
EB-6026 BRUNSWICK PROJ.CATEGORY DIVISION	BELVILLE ELEMENTARY MULTI USE PATH, MULTI USE PATH ALONG NC 133 CONNECTING NORTH AND SOUTH ENTRANCES OF HAWKESWATER DEVELOPMENT TO BELVILLE ELEMENTARY SCHOOL. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY RIGHT-OF-WAY FROM FY 19 TO FY 22 AND CONSTRUCTION FROM FY 20 TO FY 22.</u>	ENGINEERING RIGHT-OF-WAY CONSTRUCTION	FY 2019 - FY 2019 - FY 2022 - FY 2022 - FY 2022 - FY 2022 -	\$24,000 (TAPDA) \$6,000 (L) \$2,000 (TAPDA) \$1,000 (L) \$94,000 (TAPDA) \$24,000 (L)	
				\$151,000	

* INDICATES FEDERAL AMENDMENT

Thursday, June 27, 2019

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 3

* R-2303E	NC 24, US 421/US 701/SR 1296 (SUNSET AVENUE) TO	ENGINEERING	FY 2020 -	\$175,000	(T)
SAMPSON	SR 1935 (CECIL ODIE ROAD).		FY 2021 -	\$175,000	(T)
PROJ.CATEGORY	<u>PROJECT TO UTILIZE BUILD NC BONDS FOR</u>		FY 2022 -	\$175,000	(T)
DIVISION	<u>PRELIMINARY ENGINEERING.</u>		FY 2023 -	\$175,000	(T)
			FY 2024 -	\$175,000	(T)
			FY 2025 -	\$175,000	(T)
			FY 2026 -	\$175,000	(T)
			FY 2027 -	\$175,000	(T)
			FY 2028 -	\$175,000	(T)
			FY 2029 -	\$175,000	(T)
			POST YR-	\$875,000	(T)
		BUILD NC CONST	FY 2020 -	\$858,000	(NHP)
			FY 2021 -	\$858,000	(NHP)
			FY 2022 -	\$858,000	(NHP)
			FY 2023 -	\$858,000	(NHP)
			FY 2024 -	\$858,000	(NHP)
			FY 2025 -	\$858,000	(NHP)
			FY 2026 -	\$858,000	(NHP)
			FY 2027 -	\$858,000	(NHP)
			FY 2028 -	\$858,000	(NHP)
			FY 2029 -	\$858,000	(NHP)
			POST YR-	\$4,290,000	(NHP)
		CONSTRUCTION	FY 2020 -	\$5,966,000	(NHP)
			FY 2021 -	\$5,967,000	(NHP)
			FY 2022 -	\$5,967,000	(NHP)
				\$33,395,000	
R-5021	NC 211, SR 1500 (MIDWAY ROAD) TO NC 87. WIDEN TO	CONSTRUCTION	FY 2020 -	\$345,000	(HP)
BRUNSWICK	MULTI-LANES.		FY 2020 -	\$21,005,000	(BG5200)
PROJ.CATEGORY	<u>TO STRATEGICALLY BALANCE LETTINGS, DELAY</u>		FY 2021 -	\$21,350,000	(BG5200)
DIVISION	<u>CONSTRUCTION FROM FY 19 TO FY 20.</u>		FY 2022 -	\$21,350,000	(BG5200)
			FY 2023 -	\$21,350,000	(BG5200)
				\$85,400,000	
R-5701	NC 53, US 117 BUSINESS (WALKER	RIGHT-OF-WAY	FY 2020 -	\$10,000	(T)
PENDER	STREET/WILMINGTON STREET). IMPROVE		FY 2020 -	\$150,000	(L)
PROJ.CATEGORY	INTERSECTION.	UTILITIES	FY 2020 -	\$400,000	(T)
REGIONAL	<u>ADD RIGHT-OF-WAY AND UTILITIES IN FY 20 NOT</u>	CONSTRUCTION	FY 2020 -	\$1,700,000	(T)
	<u>PREVIOUSLY PROGRAMMED.</u>			\$2,260,000	

* INDICATES FEDERAL AMENDMENT

Thursday, June 27, 2019

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 3

U-4906 ON SLOW PROJ.CATEGORY TRANSITION	SR 1308 (GUM BRANCH ROAD), WEST OF SR 1313 (MILLS FIELDS ROAD) TO EAST OF SR 1324 (RAMSEY ROAD) IN JACKSONVILLE. WIDENING. <u>TO STRATEGICALLY BALANCE LETTINGS, DELAY CONSTRUCTION FROM FY 19 TO FY 20.</u>	CONSTRUCTION	FY 2020 -	\$8,700,000 \$8,700,000	(BGANY)
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DIVISION 4

I-5933 NASH PROJ.CATEGORY STATEWIDE	I-95, WILSON COUNTY LINE (MILEMARKER 124.6) TO THE NORTH OF NC 97 (MILEMARKER 127.6). PAVEMENT AND BRIDGE REHABILITATION. <u>PROJECT SEGMENT ADDED AT THE REQUEST OF THE DIVISION TO ADDRESS BRIDGE REHABILITATION NEED.</u>	CONSTRUCTION	FY 2024 - FY 2025 -	\$1,800,000 \$1,800,000 \$3,600,000	(NHPIM) (NHPIM)
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I-6041A EDGE COMBE PROJ.CATEGORY STATEWIDE	US 64 (FUTURE I-87), BRIDGE REHABILITATION FOR 320155, 320148, 320153, 320156, 320104, 320320, 320325, AND 320326. <u>PROJECT SEGMENT ADDED AT THE REQUEST OF THE DIVISION TO ADDRESS BRIDGE REHABILITATION NEED.</u>	CONSTRUCTION	FY 2020 -	\$900,000 \$900,000	(NHPIM)
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I-6042A EDGE COMBE PROJ.CATEGORY STATEWIDE	US 64 (FUTURE I-87), BRIDGE REHABILITATION FOR 320327 AND 320328. <u>PROJECT SEGMENT ADDED AT THE REQUEST OF THE DIVISION TO ADDRESS BRIDGE REHABILITATION NEED.</u>	CONSTRUCTION	FY 2020 -	\$500,000 \$500,000	(NHPIM)
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I-6045A NASH PROJ.CATEGORY STATEWIDE	US 64 (FUTURE I-87), BRIDGE REHABILITATION FOR 630072 AND 630074. <u>PROJECT SEGMENT ADDED AT THE REQUEST OF THE DIVISION TO ADDRESS BRIDGE REHABILITATION NEED.</u>	CONSTRUCTION	FY 2021 -	\$750,000 \$750,000	(NHPIM)
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* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 4

* U-2714	US 117, US 70 BYPASS TO SR 1306 (FEDELON TRAIL) IN	ENGINEERING	FY 2020 -	\$144,000	(T)
WAYNE	GOLDSBORO. WIDEN ROADWAY AND MAKE SAFETY		FY 2021 -	\$144,000	(T)
PROJ.CATEGORY	IMPROVEMENTS.		FY 2022 -	\$144,000	(T)
REGIONAL	<u>PROJECT TO UTILIZE BUILD NC BONDS FOR</u>		FY 2023 -	\$144,000	(T)
	<u>PRELIMINARY ENGINEERING.</u>		FY 2024 -	\$144,000	(T)
			FY 2025 -	\$144,000	(T)
			FY 2026 -	\$144,000	(T)
			FY 2027 -	\$144,000	(T)
			FY 2028 -	\$144,000	(T)
			FY 2029 -	\$144,000	(T)
			POST YR-	\$720,000	(T)
		BUILD NC CONST	FY 2020 -	\$858,000	(T)
			FY 2021 -	\$858,000	(T)
			FY 2022 -	\$858,000	(T)
			FY 2023 -	\$858,000	(T)
			FY 2024 -	\$858,000	(T)
			FY 2025 -	\$858,000	(T)
			FY 2026 -	\$858,000	(T)
			FY 2027 -	\$858,000	(T)
			FY 2028 -	\$858,000	(T)
			FY 2029 -	\$858,000	(T)
			POST YR-	\$4,290,000	(T)
		CONSTRUCTION	FY 2020 -	\$2,300,000	(T)
			FY 2021 -	<u>\$2,300,000</u>	(T)
				\$19,630,000	

* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 4

* U-3609B	US 13 (BERKELEY BOULEVARD), SR 1003 (NEW HOPE	ENGINEERING	FY 2020 -	\$85,000	(T)
WAYNE	ROAD) TO SR1572 (SAULSTON ROAD).		FY 2021 -	\$85,000	(T)
PROJ.CATEGORY	<u>PROJECT TO UTILIZE BUILD NC BONDS FOR</u>		FY 2022 -	\$85,000	(T)
REGIONAL	<u>PRELIMINARY ENGINEERING.</u>		FY 2023 -	\$85,000	(T)
			FY 2024 -	\$85,000	(T)
			FY 2025 -	\$85,000	(T)
			FY 2026 -	\$85,000	(T)
			FY 2027 -	\$85,000	(T)
			FY 2028 -	\$85,000	(T)
			FY 2029 -	\$85,000	(T)
			POST YR-	\$425,000	(T)
		BUILD NC ROW	FY 2020 -	\$515,000	(T)
			FY 2021 -	\$515,000	(T)
			FY 2022 -	\$515,000	(T)
			FY 2023 -	\$515,000	(T)
			FY 2024 -	\$515,000	(T)
			FY 2025 -	\$515,000	(T)
			FY 2026 -	\$515,000	(T)
			FY 2027 -	\$515,000	(T)
			FY 2028 -	\$515,000	(T)
			FY 2029 -	\$515,000	(T)
			POST YR-	\$2,575,000	(T)
		RIGHT-OF-WAY	FY 2020 -	\$1,750,000	(T)
		UTILITIES	FY 2020 -	\$1,750,000	(T)
			FY 2021 -	\$1,750,000	(T)
		CONSTRUCTION	FY 2023 -	\$5,875,000	(T)
			FY 2024 -	\$5,875,000	(T)
			FY 2025 -	\$5,875,000	(T)
			FY 2026 -	\$5,875,000	(T)
				<u>\$37,750,000</u>	

DIVISION 5

P-5720	CSX, CROSSING 630601X AT SR 2006 (DURANT ROAD)	CONSTRUCTION	FY 2020 -	\$516,000	(T)
WAKE	IN RALEIGH. CONSTRUCT GRADE SEPARATION.		FY 2020 -	\$480,000	(O)
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME TO COMPLETE THE</u>		FY 2021 -	\$4,902,000	(T)
REGIONAL	<u>RIGHT-OF-WAY, DELAY CONSTRUCTION FROM FY 19</u>		FY 2022 -	\$4,902,000	(T)
	<u>TO FY 20, AT REQUEST OF RAIL DIVISION.</u>			<u>\$10,800,000</u>	

* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 5

* U-5302	US 401, SOUTH OF SR 1006 (OLD STAGE ROAD) TO	ENGINEERING	FY 2020 -	\$84,000	(T)
WAKE	SOUTH OF SR 2538 (MECHANICAL BOULEVARD) /		FY 2021 -	\$84,000	(T)
PROJ.CATEGORY	GARNER STATION BOULEVARD IN GARNER. CONVERT		FY 2022 -	\$84,000	(T)
REGIONAL	TO SUPERSTREET.		FY 2023 -	\$84,000	(T)
	<u>PROJECT TO UTILIZE BUILD NC BONDS FOR</u>		FY 2024 -	\$84,000	(T)
	<u>PRELIMINARY ENGINEERING.</u>		FY 2025 -	\$84,000	(T)
			FY 2026 -	\$84,000	(T)
			FY 2027 -	\$84,000	(T)
			FY 2028 -	\$84,000	(T)
			FY 2029 -	\$84,000	(T)
			POST YR-	\$420,000	(T)
		BUILD NC CONST	FY 2020 -	\$515,000	(T)
			FY 2021 -	\$515,000	(T)
			FY 2022 -	\$515,000	(T)
			FY 2023 -	\$515,000	(T)
			FY 2024 -	\$515,000	(T)
			FY 2025 -	\$515,000	(T)
			FY 2026 -	\$515,000	(T)
			FY 2027 -	\$515,000	(T)
			FY 2028 -	\$515,000	(T)
			FY 2029 -	\$515,000	(T)
			POST YR-	\$2,575,000	(T)
		CONSTRUCTION	FY 2020 -	\$9,000,000	(T)
				\$17,985,000	

* U-5745	NC 751 (HOPE VALLEY ROAD), SR 1183 (UNIVERSITY	ENGINEERING	FY 2020 -	\$29,000	(T)
DURHAM	DRIVE) INTERSECTION IN DURHAM. CONSTRUCT		FY 2021 -	\$29,000	(T)
PROJ.CATEGORY	ROUNDBOUT.		FY 2022 -	\$29,000	(T)
REGIONAL	<u>PROJECT TO UTILIZE BUILD NC BONDS FOR</u>		FY 2023 -	\$29,000	(T)
	<u>PRELIMINARY ENGINEERING.</u>		FY 2024 -	\$29,000	(T)
			FY 2025 -	\$29,000	(T)
			FY 2026 -	\$29,000	(T)
			FY 2027 -	\$29,000	(T)
			FY 2028 -	\$29,000	(T)
			FY 2029 -	\$29,000	(T)
			POST YR-	\$435,000	(T)
		BUILD NC CONST	FY 2019 -	\$86,000	(T)
			FY 2020 -	\$86,000	(T)
			FY 2021 -	\$86,000	(T)
			FY 2022 -	\$86,000	(T)
			FY 2023 -	\$86,000	(T)
			FY 2024 -	\$86,000	(T)
			FY 2025 -	\$86,000	(T)
			FY 2026 -	\$86,000	(T)
			FY 2027 -	\$86,000	(T)
			FY 2028 -	\$86,000	(T)
			FY 2029 -	\$86,000	(T)
			POST YR-	\$344,000	(T)
				\$2,015,000	

* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 5

U-5746	US 401, WAKE TECHNICAL COMMUNITY COLLEGE TO	RIGHT-OF-WAY	FY 2020 -	\$10,953,000	(T)
WAKE	SR 1010 (TEN-TEN ROAD). ADD LANES.	UTILITIES	FY 2020 -	\$2,313,000	(T)
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR STRATEGIC</u>	CONSTRUCTION	FY 2020 -	<u>\$3,289,000</u>	(T)
REGIONAL	<u>LETTING REVIEW, DELAY RIGHT-OF-WAY FROM FY 19</u>				
	<u>TO FY 20.</u>			\$16,555,000	

* U-5748	US 401, SR 2044 (LIGON MILL ROAD) / SR 2224	ENGINEERING	FY 2020 -	\$52,000	(T)
WAKE	(MITCHELL MILL ROAD) IN RALEIGH. CONVERT AT-		FY 2021 -	\$52,000	(T)
PROJ.CATEGORY	GRADE INTERSECTION TO INTERCHANGE.		FY 2022 -	\$52,000	(T)
REGIONAL	<u>PROJECT TO UTILIZE BUILD NC BONDS FOR</u>		FY 2023 -	\$52,000	(T)
	<u>PRELIMINARY ENGINEERING.</u>		FY 2024 -	\$52,000	(T)
			FY 2025 -	\$52,000	(T)
			FY 2026 -	\$52,000	(T)
			FY 2027 -	\$52,000	(T)
			FY 2028 -	\$52,000	(T)
			FY 2029 -	\$52,000	(T)
			POST YR-	\$260,000	(T)
		BUILD NC ROW	FY 2020 -	\$858,000	(T)
			FY 2021 -	\$858,000	(T)
			FY 2022 -	\$858,000	(T)
			FY 2023 -	\$858,000	(T)
			FY 2024 -	\$858,000	(T)
			FY 2025 -	\$858,000	(T)
			FY 2026 -	\$858,000	(T)
			FY 2027 -	\$858,000	(T)
			FY 2028 -	\$858,000	(T)
			FY 2029 -	\$858,000	(T)
			POST YR-	\$4,290,000	(T)
		RIGHT-OF-WAY	FY 2020 -	\$8,310,000	(T)
			FY 2021 -	\$8,310,000	(T)
			FY 2022 -	\$8,310,000	(T)
		UTILITIES	FY 2020 -	\$184,000	(T)
			FY 2021 -	\$183,000	(T)
			FY 2022 -	\$183,000	(T)
		BUILD NC CONST	FY 2023 -	\$1,030,000	(T)
			FY 2024 -	\$1,030,000	(T)
			FY 2025 -	\$1,030,000	(T)
			FY 2026 -	\$1,030,000	(T)
			FY 2027 -	\$1,030,000	(T)
			FY 2028 -	\$1,030,000	(T)
			FY 2029 -	\$1,030,000	(T)
			POST YR-	\$8,240,000	(T)
		CONSTRUCTION	FY 2023 -	<u>\$2,100,000</u>	(T)
				\$56,680,000	

* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 5

* U-5750	NC 54, NC 540 TO PERIMETER PARK DRIVE IN	ENGINEERING	FY 2020 -	\$108,000	(T)
WAKE	MORRISVILLE. ADD LANES.		FY 2021 -	\$108,000	(T)
PROJ.CATEGORY	<u>PROJECT TO UTILIZE BUILD NC BONDS FOR</u>		FY 2022 -	\$108,000	(T)
REGIONAL	<u>PRELIMINARY ENGINEERING.</u>		FY 2023 -	\$108,000	(T)
			FY 2024 -	\$108,000	(T)
			FY 2025 -	\$108,000	(T)
			FY 2026 -	\$108,000	(T)
			FY 2027 -	\$108,000	(T)
			FY 2028 -	\$108,000	(T)
			FY 2029 -	\$108,000	(T)
			POST YR-	\$540,000	(T)
		BUILD NC ROW	FY 2020 -	\$601,000	(T)
			FY 2021 -	\$601,000	(T)
			FY 2022 -	\$601,000	(T)
			FY 2023 -	\$601,000	(T)
			FY 2024 -	\$601,000	(T)
			FY 2025 -	\$601,000	(T)
			FY 2026 -	\$601,000	(T)
			FY 2027 -	\$601,000	(T)
			FY 2028 -	\$601,000	(T)
			FY 2029 -	\$601,000	(T)
			POST YR-	\$3,005,000	(T)
		RIGHT-OF-WAY	FY 2020 -	\$5,179,000	(T)
		UTILITIES	FY 2020 -	\$236,000	(T)
		CONSTRUCTION	FY 2021 -	\$8,450,000	(T)
			FY 2022 -	\$8,450,000	(T)
				\$32,950,000	

* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 5

* U-5827	SR 1632 (LOUIS STEPHENS DRIVE), POPLAR PIKE LANE	ENGINEERING	FY 2020 -	\$64,000	(T)
WAKE	IN MORRISVILLE TO SR 2153 (LITTLE DRIVE) IN		FY 2021 -	\$64,000	(T)
PROJ.CATEGORY	RESEARCH TRIANGLE PARK. CONSTRUCT ROADWAY		FY 2022 -	\$64,000	(T)
DIVISION	ON NEW LOCATION.		FY 2023 -	\$64,000	(T)
	<u>PROJECT TO UTILIZE BUILD NC BONDS FOR PRELIMINARY ENGINEERING.</u>		FY 2024 -	\$64,000	(T)
			FY 2025 -	\$64,000	(T)
			FY 2026 -	\$64,000	(T)
			FY 2027 -	\$64,000	(T)
			FY 2028 -	\$64,000	(T)
			FY 2029 -	\$64,000	(T)
			POST YR-	\$320,000	(T)
		BUILD NC CONST	FY 2020 -	\$86,000	(T)
			FY 2021 -	\$86,000	(T)
			FY 2022 -	\$86,000	(T)
			FY 2023 -	\$86,000	(T)
			FY 2024 -	\$86,000	(T)
			FY 2025 -	\$86,000	(T)
			FY 2026 -	\$86,000	(T)
			FY 2027 -	\$86,000	(T)
			FY 2028 -	\$86,000	(T)
			FY 2029 -	\$86,000	(T)
			POST YR-	\$430,000	(T)
		CONSTRUCTION	FY 2020 -	\$4,110,000	(T)
				\$6,360,000	

DIVISION 6

U-4405A	US 401 (RAEFORD ROAD), OLD RAEFORD ROAD TO	CONSTRUCTION	FY 2020 -	\$29,315,000	(BGANY)
CUMBERLAND	EAST OF BUNCE ROAD			\$29,315,000	
PROJ.CATEGORY	<u>TO STRATEGICALLY BALANCE LETTINGS, DELAY CONSTRUCTION FROM FY 19 TO FY 20.</u>				
DIVISION					

U-5798B	SR 1102 (GILLIS HILL ROAD), FROM SR 1418 (LINDSAY	RIGHT-OF-WAY	FY 2021 -	\$1,598,000	(T)
CUMBERLAND	ROAD) TO NORTH OF SR 1112 (STONE POINT ROAD).	UTILITIES	FY 2021 -	\$192,000	(T)
PROJ.CATEGORY	WIDEN TO MULTI-LANES.	CONSTRUCTION	FY 2024 -	\$3,450,000	(T)
DIVISION	<u>ADDING PROJECT SEGMENT TO BETTER MATCH PROJECT SCOPE.</u>		FY 2025 -	\$3,450,000	(T)
				\$8,690,000	

* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 7

AV-5707 GUILFORD PROJ.CATEGORY STATEWIDE	PIEDMONT TRIAD INTERNATIONAL AIRPORT (GSO), CONSTRUCT TAXIWAY G. <u>AIRPORT OFFICIALS REQUIRE A MODIFIED PROJECT DELIVERY SCHEDULE. DELAY CONSTRUCTION FROM FY 19 TO FY 21, AT REQUEST OF AVIATION DIVISION.</u>	CONSTRUCTION FY 2021 - \$500,000 (T) FY 2021 - <u>\$15,400,000</u> (O) \$15,900,000
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AV-5708 GUILFORD PROJ.CATEGORY STATEWIDE	PIEDMONT TRIAD INTERNATIONAL AIRPORT (GSO), CONSTRUCT TAXIWAY OVER FUTURE I-73 EAST OF SR 2085 (BRYAN BOULEVARD). <u>TO ALLOW TIME FOR AIRPORT TO RELOCATE RADAR EQUIPMENT, DELAY CONSTRUCTION FROM FY 19 TO FY 20, AT REQUEST OF AVIATION DIVISION.</u>	CONSTRUCTION FY 2020 - <u>\$500,000</u> (T) \$500,000
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AV-5718 GUILFORD PROJ.CATEGORY STATEWIDE	PIEDMONT TRIAD INTERNATIONAL AIRPORT (GSO), HIGH SPEED TAXIWAY TO RUNWAY 5R-23L. <u>AIRPORT OFFICIALS REQUIRE A MODIFIED PROJECT DELIVERY SCHEDULE. DELAY CONSTRUCTION FROM FY 19 TO FY 21, AT REQUEST OF AVIATION DIVISION.</u>	CONSTRUCTION FY 2021 - \$500,000 (T) FY 2021 - <u>\$2,500,000</u> (O) \$3,000,000
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* INDICATES FEDERAL AMENDMENT

Thursday, June 27, 2019

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**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 7

* R-4707	US 29; SR 4771 (REEDY FORK PARKWAY), US 29 / SR	ENGINEERING	FY 2020 -	\$217,000	(T)
GUILFORD	4771 (REEDY FORK PARKWAY) INTERCHANGE		FY 2021 -	\$217,000	(T)
PROJ.CATEGORY	IMPROVEMENTS IN GREENSBORO. IMPROVE		FY 2022 -	\$217,000	(T)
REGIONAL	ROADWAY, MODIFY INTERCHANGE, AND REPLACE		FY 2023 -	\$217,000	(T)
	BRIDGE 400360		FY 2024 -	\$217,000	(T)
	<u>PROJECT TO UTILIZE BUILD NC BONDS FOR</u>		FY 2025 -	\$217,000	(T)
	<u>PRELIMINARY ENGINEERING.</u>		FY 2026 -	\$217,000	(T)
			FY 2027 -	\$217,000	(T)
			FY 2028 -	\$217,000	(T)
			FY 2029 -	\$217,000	(T)
			POST YR-	\$1,085,000	(T)
		BUILD NC ROW	FY 2020 -	\$1,287,000	(T)
			FY 2021 -	\$1,287,000	(T)
			FY 2022 -	\$1,287,000	(T)
			FY 2023 -	\$1,287,000	(T)
			FY 2024 -	\$1,287,000	(T)
			FY 2025 -	\$1,287,000	(T)
			FY 2026 -	\$1,287,000	(T)
			FY 2027 -	\$1,287,000	(T)
			FY 2028 -	\$1,287,000	(T)
			FY 2029 -	\$1,287,000	(T)
			POST YR-	\$5,148,000	(T)
		BUILD NC CONST	FY 2020 -	\$2,145,000	(T)
			FY 2021 -	\$2,145,000	(T)
			FY 2022 -	\$2,145,000	(T)
			FY 2023 -	\$2,145,000	(T)
			FY 2024 -	\$2,145,000	(T)
			FY 2025 -	\$2,145,000	(T)
			FY 2026 -	\$2,145,000	(T)
			FY 2027 -	\$2,145,000	(T)
			FY 2028 -	\$2,145,000	(T)
			FY 2029 -	\$2,145,000	(T)
			POST YR-	\$10,745,000	(T)
		CONSTRUCTION	FY 2020 -	\$9,900,000	(T)
			FY 2021 -	\$9,900,000	(T)
				\$73,268,000	

* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 7

* U-2581BA	US 70, SR3045 (MOUNT HOPE CHURCH ROAD) TO SR	ENGINEERING	FY 2020 -	\$56,000	(T)
GUILFORD	3175 (BIRCH CREEK ROAD)		FY 2021 -	\$56,000	(T)
PROJ.CATEGORY	<u>PROJECT TO UTILIZE BUILD NC BONDS FOR</u>		FY 2022 -	\$56,000	(T)
DIVISION	<u>PRELIMINARY ENGINEERING.</u>		FY 2023 -	\$56,000	(T)
			FY 2024 -	\$56,000	(T)
			FY 2025 -	\$56,000	(T)
			FY 2026 -	\$56,000	(T)
			FY 2027 -	\$56,000	(T)
			FY 2028 -	\$56,000	(T)
			FY 2029 -	\$56,000	(T)
			POST YR-	\$280,000	(T)
		BUILD NC CONST	FY 2020 -	\$429,000	(T)
			FY 2021 -	\$429,000	(T)
			FY 2022 -	\$429,000	(T)
			FY 2023 -	\$429,000	(T)
			FY 2024 -	\$429,000	(T)
			FY 2025 -	\$429,000	(T)
			FY 2026 -	\$429,000	(T)
			FY 2027 -	\$429,000	(T)
			FY 2028 -	\$429,000	(T)
			FY 2029 -	\$429,000	(T)
			POST YR-	\$2,145,000	(T)
		CONSTRUCTION	FY 2020 -	\$5,900,000	(T)
				\$13,175,000	
U-5850	SR 1007 (RANDLEMAN ROAD), ELMSLEY DRIVE TO	RIGHT-OF-WAY	FY 2020 -	\$467,000	(T)
GUILFORD	GLENDALE DRIVE IN GREENSBORO. WIDEN TO	UTILITIES	FY 2020 -	\$56,000	(T)
PROJ.CATEGORY	MULTLANES.	CONSTRUCTION	FY 2021 -	\$1,635,000	(T)
DIVISION	<u>TO ALLOW ADDITIONAL TIME TO COMPLETE</u>			\$2,158,000	
	<u>PLANNING AND DESIGN, DELAY RIGHT-OF-WAY FROM</u>				
	<u>FY 19 TO FY 20, AT REQUEST OF DIVISION OFFICE.</u>				

* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 7

* U-5896	US 29 / US 70 / BUSINESS 85, SR 1009 (SOUTH MAIN	ENGINEERING	FY 2020 -	\$75,000	(T)
GUILFORD	STREET) IN HIGH POINT. RECONSTRUCT		FY 2021 -	\$75,000	(T)
PROJ.CATEGORY	INTERCHANGE.		FY 2022 -	\$75,000	(T)
DIVISION	<u>PROJECT TO UTILIZE BUILD NC BONDS FOR</u>		FY 2023 -	\$75,000	(T)
	<u>PRELIMINARY ENGINEERING.</u>		FY 2024 -	\$75,000	(T)
			FY 2025 -	\$75,000	(T)
			FY 2026 -	\$75,000	(T)
			FY 2027 -	\$75,000	(T)
			FY 2028 -	\$75,000	(T)
			FY 2029 -	\$75,000	(T)
			POST YR-	\$375,000	(T)
		BUILD NC ROW	FY 2020 -	\$944,000	(T)
			FY 2021 -	\$944,000	(T)
			FY 2022 -	\$944,000	(T)
			FY 2023 -	\$944,000	(T)
			FY 2024 -	\$944,000	(T)
			FY 2025 -	\$944,000	(T)
			FY 2026 -	\$944,000	(T)
			FY 2027 -	\$944,000	(T)
			FY 2028 -	\$944,000	(T)
			FY 2029 -	\$944,000	(T)
			POST YR-	\$3,776,000	(T)
		CONSTRUCTION	FY 2020 -	\$4,004,000	(BG5200)
			FY 2021 -	\$4,004,000	(BG5200)
			FY 2022 -	\$4,004,000	(BG5200)
				<u>\$26,353,000</u>	

* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 8

* R-2527	NC 24 / NC 27, NC 73 TO TROY BYPASS. WIDEN TO	ENGINEERING	FY 2020 -	\$242,000	(T)
MONTGOMERY	MULTILANES.		FY 2021 -	\$242,000	(T)
PROJ.CATEGORY	<u>PROJECT TO UTILIZE BUILD NC BONDS FOR</u>		FY 2022 -	\$242,000	(T)
REGIONAL	<u>PRELIMINARY ENGINEERING.</u>		FY 2023 -	\$242,000	(T)
			FY 2024 -	\$242,000	(T)
			FY 2025 -	\$242,000	(T)
			FY 2026 -	\$242,000	(T)
			FY 2027 -	\$242,000	(T)
			FY 2028 -	\$242,000	(T)
			FY 2029 -	\$242,000	(T)
			POST YR-	\$1,210,000	(T)
		BUILD NC ROW	FY 2020 -	\$686,000	(T)
			FY 2021 -	\$686,000	(T)
			FY 2022 -	\$686,000	(T)
			FY 2023 -	\$686,000	(T)
			FY 2024 -	\$686,000	(T)
			FY 2025 -	\$686,000	(T)
			FY 2026 -	\$686,000	(T)
			FY 2027 -	\$686,000	(T)
			FY 2028 -	\$686,000	(T)
			FY 2029 -	\$686,000	(T)
			POST YR-	\$2,744,000	(T)
		CONSTRUCTION	FY 2021 -	\$11,550,000	(T)
			FY 2022 -	\$11,550,000	(T)
			FY 2023 -	\$11,550,000	(T)
			FY 2024 -	\$11,550,000	(T)
				\$59,434,000	
* R-5724	US 15 / US 501, SOUTH OF US 64 BUSINESS TO				
CHATHAM	POWELL PLACE LANE IN PITTSBORO. WIDEN TO				
	MULTILANES, MILL AND RESURFACE, AND				
	CONSTRUCT ROADWAY AND STREETSCAPE				
	IMPROVEMENTS AT TRAFFIC CIRCLE.				
	<u>REVISE DESCRIPTION AND SEGMENT INTO PART A</u>				
	<u>AND B AT THE REQUEST OF DIVISION TO REFLECT</u>				
	<u>CURRENT PROJECT DEVELOPMENT SCOPE. SEE</u>				
	<u>PARTS A AND B BELOW FOR SCHEDULES.</u>				
* R-5724A	US 15 / US 501, SOUTH OF US 64 BUSINESS TO NORTH	RIGHT-OF-WAY	FY 2020 -	\$50,000	(T)
CHATHAM	OF US 64 BUSINESS. CONSTRUCT ROADWAY AND	UTILITIES	FY 2020 -	\$1,000,000	(T)
PROJ.CATEGORY	STREETSCAPE IMPROVEMENTS AT TRAFFIC CIRCLE.	CONSTRUCTION	FY 2020 -	\$2,800,000	(T)
DIVISION	<u>NEW PROJECT BREAK CREATED AT REQUEST OF</u>			\$3,850,000	
	<u>DIVISION.</u>				

* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 8

U-5813 RANDOLPH PROJ.CATEGORY REGIONAL	US 64, ASHEBORO BYPASS TO EAST OF I-73 / I-74 / US 220 IN ASHEBORO. WIDEN TO MULTILANES, RECONSTRUCT INTERCHANGE AT NC 49, MODIFY INTERCHANGE AT I-73 / I-74 / US 220 AND REPLACE BRIDGE 750171 OVER US 64 AND NC 49.	CONSTRUCTION	FY 2021 - \$8,700,000 (NHP) FY 2022 - \$8,700,000 (NHP) FY 2023 - <u>\$8,700,000</u> (NHP) \$26,100,000
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TO ALLOW ADDITIONAL TIME TO COMPLETE DESIGN AND RIGHT-OF-WAY, DELAY CONSTRUCTION FROM FY 20 TO FY 21, AT REQUEST OF PROJECT MANAGEMENT OFFICE.

DIVISION 9

* B-5766 STOKES PROJ.CATEGORY DIVISION	SR 1674 (SHEPPARD MILL ROAD), REPLACE BRIDGE 840082 OVER DAN RIVER IN DANBURY.	RIGHT-OF-WAY CONSTRUCTION	FY 2022 - \$218,000 (BGOFF) FY 2024 - \$2,175,000 (BGOFF) FY 2025 - <u>\$2,175,000</u> (BGOFF) \$4,568,000
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TO ALLOW ADDITIONAL TIME TO COMPLETE PLANNING AND DESIGN, DELAY RIGHT-OF-WAY FROM FY 19 TO FY 22 AND CONSTRUCTION FROM FY 20 TO FY 24, AT REQUEST OF DIVISION OFFICE.

R-5828 STOKES PROJ.CATEGORY DIVISION	US 311 (NORTH MAIN STREET), SR 1918 (FIRST STREET) IN WALNUT COVE. CONSTRUCT ROUNDABOUT.	CONSTRUCTION	FY 2020 - <u>\$1,450,000</u> (T) \$1,450,000
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TO ALLOW ADDITIONAL TIME TO COMPLETE THE RIGHT-OF-WAY PHASE, DELAY CONSTRUCTION FROM FY 19 TO FY 20, AT REQUEST OF DIVISION OFFICE.

* INDICATES FEDERAL AMENDMENT

Thursday, June 27, 2019

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**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 9

* U-2729	SR 1672 (HANES MILL ROAD), MUSEUM DRIVE TO SR	ENGINEERING	FY 2020 -	\$61,000	(T)
FORSYTH	4000 (UNIVERSITY PARKWAY) IN WINSTON-SALEM.		FY 2021 -	\$61,000	(T)
PROJ.CATEGORY	WIDEN TO MULTILANES.		FY 2022 -	\$61,000	(T)
DIVISION	<u>PROJECT TO UTILIZE BUILD NC BONDS FOR PRELIMINARY ENGINEERING.</u>		FY 2023 -	\$61,000	(T)
			FY 2024 -	\$61,000	(T)
			FY 2025 -	\$61,000	(T)
			FY 2026 -	\$61,000	(T)
			FY 2027 -	\$61,000	(T)
			FY 2028 -	\$61,000	(T)
			FY 2029 -	\$61,000	(T)
			POST YR-	\$305,000	(T)
		BUILD NC ROW	FY 2019 -	\$515,000	(T)
			FY 2020 -	\$515,000	(T)
			FY 2021 -	\$515,000	(T)
			FY 2022 -	\$515,000	(T)
			FY 2023 -	\$515,000	(T)
			FY 2024 -	\$515,000	(T)
			FY 2025 -	\$515,000	(T)
			FY 2026 -	\$515,000	(T)
			FY 2027 -	\$515,000	(T)
			FY 2028 -	\$515,000	(T)
			FY 2029 -	\$515,000	(T)
			POST YR-	\$2,060,000	(T)
		RIGHT-OF-WAY	FY 2019 -	\$1,766,000	(T)
		UTILITIES	FY 2019 -	\$429,000	(T)
		CONSTRUCTION	FY 2021 -	\$5,800,000	(T)
			FY 2022 -	\$5,800,000	(T)
				\$22,435,000	
U-5899	NEW ROUTE, FORUM PARKWAY CONNECTOR, SR 3955	RIGHT-OF-WAY	FY 2020 -	\$994,000	(T)
FORSYTH	(FORUM PARKWAY) TO NC 66 (UNIVERSITY PARKWAY)	UTILITIES	FY 2020 -	\$119,000	(T)
PROJ.CATEGORY	IN RURAL HALL. CONSTRUCT 2-LANE ROADWAY ON	CONSTRUCTION	FY 2021 -	\$5,250,000	(T)
DIVISION	NEW LOCATION.		FY 2022 -	\$5,250,000	(T)
	<u>TO OPTIMIZE TIMING OF FUNDING AUTHORIZATION, DELAY RIGHT-OF-WAY FROM FY 19 TO FY 20.</u>			\$11,613,000	
U-6155	SR 1725 (UNIVERSITY PARKWAY), COLISEUM DRIVE IN	ENGINEERING	FY 2019 -	\$60,000	(BGANY)
FORSYTH	WINSTON-SALEM. CONSTRUCT INTERSECTION		FY 2019 -	\$15,000	(L)
PROJ.CATEGORY	IMPROVEMENTS FOR PEDESTRIAN SAFETY.	RIGHT-OF-WAY	FY 2020 -	\$25,000	(BGANY)
DIVISION	<u>TO REFLECT CITY'S CURRENT SCOPE OF WORK AND PROJECT DELIVERY SCHEDULE, ADD RIGHT-OF-WAY IN FY 20 NOT PREVIOUSLY PROGRAMMED, AND DELAY CONSTRUCTION FROM FY 19 TO FY 21, AT REQUEST OF DIVISION OFFICE.</u>		FY 2020 -	\$6,000	(L)
		CONSTRUCTION	FY 2021 -	\$45,000	(HSIP)
			FY 2021 -	\$65,000	(BGANY)
			FY 2021 -	\$65,000	(L)
				\$281,000	

* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 10

R-5798	US 74 (ANDREW JACKSON HIGHWAY), GRAHAM	RIGHT-OF-WAY	FY 2020 -	\$245,000	(T)
ANSON	STREET TO SR 1749. CONSTRUCT MEDIAN.		FY 2021 -	\$5,225,000	(T)
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING DELAY</u>	UTILITIES	FY 2020 -	\$600,000	(T)
STATEWIDE	<u>RIGHT-OF-WAY FROM FY 19 TO FY 20.</u>	CONSTRUCTION	FY 2024 -	\$3,766,000	(T)
			FY 2025 -	\$3,767,000	(T)
			FY 2026 -	\$3,767,000	(T)
				\$17,370,000	
* U-4713A	SR 3440 (MCKEE ROAD) EXTENSION, SR 3448	ENGINEERING	FY 2020 -	\$57,000	(T)
MECKLENBURG	(PLEASANT PLAINS ROAD) TO SR 1009 (JOHN STREET)		FY 2021 -	\$57,000	(T)
PROJ.CATEGORY	<u>PROJECT TO UTILIZE BUILD NC BONDS FOR</u>		FY 2022 -	\$57,000	(T)
DIVISION	<u>PRELIMINARY ENGINEERING.</u>		FY 2023 -	\$57,000	(T)
			FY 2024 -	\$57,000	(T)
			FY 2025 -	\$57,000	(T)
			FY 2026 -	\$57,000	(T)
			FY 2027 -	\$57,000	(T)
			FY 2028 -	\$57,000	(T)
			FY 2029 -	\$57,000	(T)
			POST YR-	\$285,000	(T)
		BUILD NC ROW	FY 2019 -	\$86,000	(T)
			FY 2020 -	\$86,000	(T)
			FY 2021 -	\$86,000	(T)
			FY 2022 -	\$86,000	(T)
			FY 2023 -	\$86,000	(T)
			FY 2024 -	\$86,000	(T)
			FY 2025 -	\$86,000	(T)
			FY 2026 -	\$86,000	(T)
			FY 2027 -	\$86,000	(T)
			FY 2028 -	\$86,000	(T)
			FY 2029 -	\$86,000	(T)
			POST YR-	\$344,000	(T)
		RIGHT-OF-WAY	FY 2019 -	\$80,000	(T)
			FY 2020 -	\$1,520,000	(T)
		UTILITIES	FY 2019 -	\$500,000	(T)
		CONSTRUCTION	FY 2020 -	\$2,050,000	(T)
			FY 2020 -	\$2,000,000	(L)
			FY 2021 -	\$2,050,000	(T)
				\$10,345,000	
* U-4714AA	SR 1009 (JOHN STREET-OLD MONROE ROAD), SR 3448-	RIGHT-OF-WAY	FY 2025 -	\$4,574,000	(BGANY)
MECKLENBURG	SR 3474 (TRADE STREET) TO WEST OF I-485.		FY 2026 -	\$4,574,000	(BGANY)
PROJ.CATEGORY	<u>MODIFY SEGMENT A TO SEGMENTS AA AND AC, AND</u>	CONSTRUCTION	FY 2027 -	\$1,932,000	(BGANY)
DIVISION	<u>DELAY RIGHT-OF-WAY FROM FY 19 TO FY 25 AND</u>		FY 2028 -	\$1,932,000	(BGANY)
	<u>CONSTRUCTION FROM FY 21 TO FY 27 FOR SEGMENT</u>		FY 2029 -	\$1,932,000	(BGANY)
	<u>AA AT REQUEST OF MPO. SEGMENT AB ALREADY LET</u>		POST YR-	\$1,932,000	(BGANY)
	<u>WITH I-5507.</u>			\$16,876,000	

* INDICATES FEDERAL AMENDMENT

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**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 10

* U-4714AC	SR 1009 (JOHN STREET-OLD MONROE ROAD), EAST OF	RIGHT-OF-WAY	FY 2019 -	\$26,000	(BGANY)
MECKLENBURG	I-485 TO WEST OF MORNINGSIDE MEADOW LANE		FY 2019 -	\$474,000	(BGDA)
UNION	<u>MODIFY SEGMENT A TO SEGMENTS AA AND AC, WITH</u>		FY 2019 -	\$119,000	(S(M))
PROJ.CATEGORY	<u>RIGHT-OF-WAY IN FY 19 AND CONSTRUCTION IN FY 22</u>		FY 2020 -	\$249,000	(BGANY)
DIVISION	<u>AT REQUEST OF MPO. SEGMENT AB ALREADY LET</u>		FY 2020 -	\$4,513,000	(BGDA)
	<u>WITH I-5507.</u>		FY 2020 -	\$1,128,000	(S(M))
			FY 2021 -	\$249,000	(BGANY)
			FY 2021 -	\$4,513,000	(BGDA)
			FY 2021 -	\$1,128,000	(S(M))
		CONSTRUCTION	FY 2022 -	\$2,200,000	(BGANY)
			FY 2022 -	\$1,925,000	(BGDA)
			FY 2022 -	\$481,000	(S(M))
			FY 2023 -	\$2,200,000	(BGANY)
			FY 2023 -	\$1,925,000	(BGDA)
			FY 2023 -	\$481,000	(S(M))
			FY 2024 -	\$2,200,000	(BGANY)
			FY 2024 -	\$1,925,000	(BGDA)
			FY 2024 -	\$481,000	(S(M))
			FY 2025 -	\$2,200,000	(BGANY)
			FY 2025 -	\$1,925,000	(BGDA)
			FY 2025 -	<u>\$481,000</u>	(S(M))
				\$30,823,000	
U-5763	NC 51 (MATTHEWS TOWNSHIP PARKWAY), SR 3356	RIGHT-OF-WAY	FY 2020 -	\$80,000	(T)
MECKLENBURG	(SARDIS ROAD) TO SR 1010 (EAST JOHN STREET/		FY 2021 -	\$1,520,000	(T)
PROJ.CATEGORY	MONROE ROAD). WIDEN EXISTING ROADWAY.	UTILITIES	FY 2020 -	\$200,000	(T)
REGIONAL	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING DELAY</u>	CONSTRUCTION	FY 2024 -	<u>\$2,100,000</u>	(T)
	<u>RIGHT-OF-WAY FROM FY 19 TO FY 20.</u>			\$3,900,000	

* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 10

* U-6032	SR 2467 (MALLARD CREEK ROAD)/ SR 1445 (DERITA	ENGINEERING	FY 2020 -	\$86,000	(T)
CABARRUS	ROAD), I-485 TO CONCORD MILLS BOULEVARD (SR		FY 2021 -	\$86,000	(T)
MECKLENBURG	1445). WIDEN TO MULTI-LANES.		FY 2022 -	\$86,000	(T)
PROJ.CATEGORY	<u>PROJECT TO UTILIZE BUILD NC BONDS FOR</u>		FY 2023 -	\$86,000	(T)
DIVISION	<u>PRELIMINARY ENGINEERING.</u>		FY 2024 -	\$86,000	(T)
			FY 2025 -	\$86,000	(T)
			FY 2026 -	\$86,000	(T)
			FY 2027 -	\$86,000	(T)
			FY 2028 -	\$86,000	(T)
			FY 2029 -	\$86,000	(T)
			POST YR-	\$430,000	(T)
		BUILD NC ROW	FY 2020 -	\$86,000	(T)
			FY 2021 -	\$86,000	(T)
			FY 2022 -	\$86,000	(T)
			FY 2023 -	\$86,000	(T)
			FY 2024 -	\$86,000	(T)
			FY 2025 -	\$86,000	(T)
			FY 2026 -	\$86,000	(T)
			FY 2027 -	\$86,000	(T)
			FY 2028 -	\$86,000	(T)
			FY 2029 -	\$86,000	(T)
			POST YR-	\$430,000	(T)
		RIGHT-OF-WAY	FY 2020 -	\$700,000	(T)
			FY 2021 -	\$700,000	(T)
		UTILITIES	FY 2020 -	\$500,000	(T)
		BUILD NC CONST	FY 2023 -	\$2,059,000	(T)
			FY 2024 -	\$2,059,000	(T)
			FY 2025 -	\$2,059,000	(T)
			FY 2026 -	\$2,059,000	(T)
			FY 2027 -	\$2,059,000	(T)
			FY 2028 -	\$2,059,000	(T)
			FY 2029 -	\$2,059,000	(T)
			POST YR-	\$16,472,000	(T)
		CONSTRUCTION	FY 2023 -	\$333,000	(T)
			FY 2024 -	\$333,000	(T)
			FY 2025 -	\$334,000	(T)
				\$36,365,000	
Y-4810K	NORFOLK SOUTHERN MAINLINE, GRADE SEPARATION	RIGHT-OF-WAY	FY 2019 -	\$2,800,000	(T)
CABARRUS	AT ROGERS LAKE ROAD CROSSING (724408Y) IN	CONSTRUCTION	FY 2020 -	\$8,850,000	(T)
PROJ.CATEGORY	KANNAPOLIS.		FY 2020 -	\$450,000	(O)
STATEWIDE	<u>TO STRATEGICALLY BALANCE LETTINGS, DELAY</u>			\$12,100,000	
	<u>CONSTRUCTION FROM FY 19 TO FY 20.</u>				

* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 11

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

* R-5759	NC 115, US 421 TO 2ND STREET. WIDEN ROADWAY.	ENGINEERING	FY 2020 -	\$62,000	(T)
WILKES	<u>PROJECT TO UTILIZE BUILD NC BONDS FOR</u>		FY 2021 -	\$62,000	(T)
PROJ.CATEGORY	<u>PRELIMINARY ENGINEERING.</u>		FY 2022 -	\$62,000	(T)
DIVISION			FY 2023 -	\$62,000	(T)
			FY 2024 -	\$62,000	(T)
			FY 2025 -	\$62,000	(T)
			FY 2026 -	\$62,000	(T)
			FY 2027 -	\$62,000	(T)
			FY 2028 -	\$62,000	(T)
			FY 2029 -	\$62,000	(T)
			POST YR-	\$310,000	(T)
		BUILD NC ROW	FY 2019 -	\$515,000	(T)
			FY 2020 -	\$515,000	(T)
			FY 2021 -	\$515,000	(T)
			FY 2022 -	\$515,000	(T)
			FY 2023 -	\$515,000	(T)
			FY 2024 -	\$515,000	(T)
			FY 2025 -	\$515,000	(T)
			FY 2026 -	\$515,000	(T)
			FY 2027 -	\$515,000	(T)
			FY 2028 -	\$515,000	(T)
			FY 2029 -	\$515,000	(T)
			POST YR-	\$2,060,000	(T)
		RIGHT-OF-WAY	FY 2019 -	\$1,500,000	(T)
		UTILITIES	FY 2019 -	\$450,000	(T)
			FY 2020 -	\$450,000	(T)
		CONSTRUCTION	FY 2021 -	\$9,067,000	(T)
			FY 2022 -	\$9,066,000	(T)
			FY 2023 -	\$9,067,000	(T)
				\$38,255,000	

DIVISION 12

C-5196	HICKORY, 16TH STREET (SANDY RIDGE ROAD) AT 21	RIGHT-OF-WAY	FY 2019 -	\$975,000	(CMAQ)
CATAWBA	ST. AVENUE NE IN HICKORY. CONSTRUCT		FY 2019 -	\$244,000	(L)
PROJ.CATEGORY	ROUNDBOUT.	CONSTRUCTION	FY 2021 -	\$2,722,000	(CMAQ)
EXEMPT	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>		FY 2021 -	\$680,000	(L)
	<u>DESIGN DELAY RIGHT-OF-WAY FROM FY 18 TO FY 19</u>			\$4,621,000	
	<u>AND CONSTRUCTION FROM FY 18 TO FY 21.</u>				

* INDICATES FEDERAL AMENDMENT

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**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 12

* R-5100A	SR 1109 (WILLIAMSON ROAD), I-77 TO SR 1100	ENGINEERING	FY 2020 -	\$18,000	(T)
IREDELL	(BRAWLEY SCHOOL ROAD). WIDEN TO MULTI-LANES.		FY 2021 -	\$18,000	(T)
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>		FY 2022 -	\$18,000	(T)
DIVISION	<u>DESIGN DELAY RIGHT-OF-WAY FROM FY 19 TO FY 20</u>		FY 2023 -	\$18,000	(T)
	<u>AND CONSTRUCTION FROM FY 21 TO FY 22. PROJECT</u>		FY 2024 -	\$18,000	(T)
	<u>TO UTILIZE BUILD NC BONDS FOR PRELIMINARY</u>		FY 2025 -	\$18,000	(T)
	<u>ENGINEERING.</u>		FY 2026 -	\$18,000	(T)
			FY 2027 -	\$18,000	(T)
			FY 2028 -	\$18,000	(T)
			FY 2029 -	\$18,000	(T)
			POST YR-	\$90,000	(T)
		BUILD NC ROW	FY 2020 -	\$600,000	(T)
			FY 2021 -	\$600,000	(T)
			FY 2022 -	\$600,000	(T)
			FY 2023 -	\$600,000	(T)
			FY 2024 -	\$600,000	(T)
			FY 2025 -	\$600,000	(T)
			FY 2026 -	\$600,000	(T)
			FY 2027 -	\$600,000	(T)
			FY 2028 -	\$600,000	(T)
			FY 2029 -	\$600,000	(T)
			POST YR-	\$3,000,000	(T)
		RIGHT-OF-WAY	FY 2020 -	\$50,000	(T)
			FY 2021 -	\$950,000	(T)
		UTILITIES	FY 2020 -	\$500,000	(T)
			FY 2021 -	\$500,000	(T)
		BUILD NC CONST	FY 2022 -	\$2,574,000	(T)
			FY 2023 -	\$2,574,000	(T)
			FY 2024 -	\$2,574,000	(T)
			FY 2025 -	\$2,574,000	(T)
			FY 2026 -	\$2,574,000	(T)
			FY 2027 -	\$2,574,000	(T)
			FY 2028 -	\$2,574,000	(T)
			FY 2029 -	\$2,574,000	(T)
			POST YR-	\$18,018,000	(T)
		CONSTRUCTION	FY 2022 -	\$100,000	(T)
			FY 2023 -	\$100,000	(T)
			FY 2024 -	\$200,000	(T)
				\$50,280,000	
U-5775	US 74 BUSINESS (MARION STREET), INTERSECTION OF	CONSTRUCTION	FY 2020 -	\$100,000	(T)
CLEVELAND	US 74 BUSINESS (MARION STREET) AND NC 150		FY 2020 -	\$300,000	(L)
PROJ.CATEGORY	(CHERRYVILLE ROAD). REALIGN INTERSECTION.		FY 2021 -	\$1,600,000	(T)
REGIONAL	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>			\$2,000,000	
	<u>DESIGN DELAY CONSTRUCTION FROM FY 19 TO FY 20.</u>				

* INDICATES FEDERAL AMENDMENT

Thursday, June 27, 2019

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 12

* U-5799	SR 1933 TO FORT DOBBS ROAD. WIDEN TO MULTI-LANES AND REALIGN OFFSET INTERSECTIONS OF SR 1922 AND SR 2171.	ENGINEERING	FY 2020 -	\$108,000	(T)
			FY 2021 -	\$108,000	(T)
			FY 2022 -	\$108,000	(T)
IREDELL			FY 2023 -	\$108,000	(T)
PROJ.CATEGORY	<u>PROJECT TO UTILIZE BUILD NC BONDS FOR PRELIMINARY ENGINEERING.</u>		FY 2024 -	\$108,000	(T)
REGIONAL			FY 2025 -	\$108,000	(T)
			FY 2026 -	\$108,000	(T)
			FY 2027 -	\$108,000	(T)
			FY 2028 -	\$108,000	(T)
			FY 2029 -	\$108,000	(T)
			POST YR-	\$540,000	(T)
		BUILD NC ROW	FY 2019 -	\$172,000	(T)
			FY 2020 -	\$172,000	(T)
			FY 2021 -	\$172,000	(T)
			FY 2022 -	\$172,000	(T)
			FY 2023 -	\$172,000	(T)
			FY 2024 -	\$172,000	(T)
			FY 2025 -	\$172,000	(T)
			FY 2026 -	\$172,000	(T)
			FY 2027 -	\$172,000	(T)
			FY 2028 -	\$172,000	(T)
			FY 2029 -	\$172,000	(T)
			POST YR-	\$688,000	(T)
		RIGHT-OF-WAY	FY 2019 -	\$600,000	(T)
			FY 2020 -	\$600,000	(T)
		UTILITIES	FY 2019 -	\$400,000	(T)
		CONSTRUCTION	FY 2021 -	\$5,700,000	(T)
			FY 2022 -	\$5,700,000	(T)
				\$17,200,000	

DIVISION 13

* I-5831	I-26, TENNESSEE STATE LINE TO MILEMARKER 9. PAVEMENT AND BRIDGE REHABILITATION.	CONSTRUCTION	FY 2020 -	\$3,750,000	(BGIM)
MADISON			FY 2021 -	\$3,750,000	(BGIM)
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY CONSTRUCTION FROM FY 19 TO FY 20, AND COMBINE WITH I-5867 PER REQUEST FROM DIVISION.</u>			\$7,500,000	
STATEWIDE					

* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 13

* U-5818	SR 1001 (SUGAR HILL ROAD), I-40 WESTBOUND RAMPS	ENGINEERING	FY 2020 -	\$81,000	(T)
McDOWELL	TO 0.3 MILE WEST OF I-40 EASTBOUND RAMPS. WIDEN		FY 2021 -	\$81,000	(T)
PROJ.CATEGORY	ROADWAY.		FY 2022 -	\$81,000	(T)
DIVISION	<u>PROJECT TO UTILIZE BUILD NC BONDS FOR</u>		FY 2023 -	\$81,000	(T)
	<u>PRELIMINARY ENGINEERING.</u>		FY 2024 -	\$81,000	(T)
			FY 2025 -	\$81,000	(T)
			FY 2026 -	\$81,000	(T)
			FY 2027 -	\$81,000	(T)
			FY 2028 -	\$81,000	(T)
			FY 2029 -	\$81,000	(T)
			POST YR-	\$405,000	(T)
		RIGHT-OF-WAY	FY 2019 -	\$150,000	(T)
		UTILITIES	FY 2019 -	\$10,000	(T)
		BUILD NC CONST	FY 2019 -	\$601,000	(T)
			FY 2020 -	\$601,000	(T)
			FY 2021 -	\$601,000	(T)
			FY 2022 -	\$601,000	(T)
			FY 2023 -	\$601,000	(T)
			FY 2024 -	\$601,000	(T)
			FY 2025 -	\$601,000	(T)
			FY 2026 -	\$601,000	(T)
			FY 2027 -	\$601,000	(T)
			FY 2028 -	\$601,000	(T)
			FY 2029 -	\$601,000	(T)
			POST YR-	\$2,404,000	(T)
		CONSTRUCTION	FY 2019 -	\$100,000	(T)
			FY 2020 -	\$1,000,000	(T)
				<u>\$11,490,000</u>	

* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 13

* U-5833	SR 2241 (OAK STREET), SR 2159 (PINE RIDGE ROAD)	ENGINEERING	FY 2020 -	\$58,000	(T)
RUTHERFORD	TO US 74. WIDEN EXISTING ROADWAY.		FY 2021 -	\$58,000	(T)
PROJ.CATEGORY	<u>PROJECT TO UTILIZE BUILD NC BONDS FOR</u>		FY 2022 -	\$58,000	(T)
DIVISION	<u>PRELIMINARY ENGINEERING.</u>		FY 2023 -	\$58,000	(T)
			FY 2024 -	\$58,000	(T)
			FY 2025 -	\$58,000	(T)
			FY 2026 -	\$58,000	(T)
			FY 2027 -	\$58,000	(T)
			FY 2028 -	\$58,000	(T)
			FY 2029 -	\$58,000	(T)
			POST YR-	\$290,000	(T)
		BUILD NC CONST	FY 2019 -	\$429,000	(T)
			FY 2020 -	\$429,000	(T)
			FY 2021 -	\$429,000	(T)
			FY 2022 -	\$429,000	(T)
			FY 2023 -	\$429,000	(T)
			FY 2024 -	\$429,000	(T)
			FY 2025 -	\$429,000	(T)
			FY 2026 -	\$429,000	(T)
			FY 2027 -	\$429,000	(T)
			FY 2028 -	\$429,000	(T)
			FY 2029 -	\$429,000	(T)
			POST YR-	\$1,716,000	(T)
		CONSTRUCTION	FY 2019 -	\$1,300,000	(T)
				\$8,605,000	
U-6057	MORGANTON, SOUTH STERLING STREET TO WEST	CONSTRUCTION	FY 2019 -	\$1,345,000	(APD)
BURKE	PARKER ROAD. CONSTRUCT CONNECTOR ROAD.			\$1,345,000	
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>				
EXEMPT	<u>DESIGN DELAY CONSTRUCTION FROM FY 18 TO FY 19.</u>				

* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 14

* R-5734B
MACON
PROJ.CATEGORY
REGIONAL

US 23/US 441, SR 1652 (WIDE HORIZON DRIVE)/SR 1152 ENGINEERING
(BELDEN CIRCLE) TO SR 1649 (PRENTISS BRIDGE
ROAD).

**PROJECT TO UTILIZE BUILD NC BONDS FOR
PRELIMINARY ENGINEERING.**

	FY 2020 -	\$59,000	(T)
	FY 2021 -	\$59,000	(T)
	FY 2022 -	\$59,000	(T)
	FY 2023 -	\$59,000	(T)
	FY 2024 -	\$59,000	(T)
	FY 2025 -	\$59,000	(T)
	FY 2026 -	\$59,000	(T)
	FY 2027 -	\$59,000	(T)
	FY 2028 -	\$59,000	(T)
	FY 2029 -	\$59,000	(T)
	POST YR-	\$295,000	(T)
BUILD NC ROW	FY 2020 -	\$429,000	(T)
	FY 2021 -	\$429,000	(T)
	FY 2022 -	\$429,000	(T)
	FY 2023 -	\$429,000	(T)
	FY 2024 -	\$429,000	(T)
	FY 2025 -	\$429,000	(T)
	FY 2026 -	\$429,000	(T)
	FY 2027 -	\$429,000	(T)
	FY 2028 -	\$429,000	(T)
	FY 2029 -	\$429,000	(T)
	POST YR-	\$2,145,000	(T)
RIGHT-OF-WAY	FY 2020 -	\$3,800,000	(T)
	FY 2021 -	\$3,800,000	(T)
UTILITIES	FY 2020 -	\$650,000	(T)
	FY 2021 -	\$650,000	(T)
CONSTRUCTION	FY 2023 -	\$5,700,000	(T)
	FY 2024 -	\$5,700,000	(T)
	FY 2025 -	\$5,700,000	(T)
		<u>\$33,320,000</u>	

* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 14

* R-5735	US 19/US 74/ US 64/US 129, END OF 4-LANE DIVIDED	ENGINEERING	FY 2020 -	\$128,000	(T)
CHEROKEE	SECTION TO US 19 BUSINESS (HIWASSEE STREET).		FY 2021 -	\$128,000	(T)
PROJ.CATEGORY	IMPROVE ROADWAY.		FY 2022 -	\$128,000	(T)
DIVISION	<u>PROJECT TO UTILIZE BUILD NC BONDS FOR PRELIMINARY ENGINEERING.</u>		FY 2023 -	\$128,000	(T)
			FY 2024 -	\$128,000	(T)
			FY 2025 -	\$128,000	(T)
			FY 2026 -	\$128,000	(T)
			FY 2027 -	\$128,000	(T)
			FY 2028 -	\$128,000	(T)
			FY 2029 -	\$128,000	(T)
			POST YR-	\$640,000	(T)
		BUILD NC CONST	FY 2019 -	\$515,000	(T)
			FY 2020 -	\$515,000	(T)
			FY 2021 -	\$515,000	(T)
			FY 2022 -	\$515,000	(T)
			FY 2023 -	\$515,000	(T)
			FY 2024 -	\$515,000	(T)
			FY 2025 -	\$515,000	(T)
			FY 2026 -	\$515,000	(T)
			FY 2027 -	\$515,000	(T)
			FY 2028 -	\$515,000	(T)
			FY 2029 -	\$515,000	(T)
			POST YR-	\$2,060,000	(T)
		CONSTRUCTION	FY 2019 -	\$245,000	(T)
			FY 2020 -	<u>\$12,055,000</u>	(T)
				\$21,945,000	

* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 14

* R-5742	NC 175, GEORGIA STATE LINE TO US 64. UPGRADE	ENGINEERING	FY 2020 -	\$134,000	(T)
CLAY	ROADWAY.		FY 2021 -	\$134,000	(T)
PROJ.CATEGORY	<u>PROJECT TO UTILIZE BUILD NC BONDS FOR</u>		FY 2022 -	\$134,000	(T)
DIVISION	<u>PRELIMINARY ENGINEERING.</u>		FY 2023 -	\$134,000	(T)
			FY 2024 -	\$134,000	(T)
			FY 2025 -	\$134,000	(T)
			FY 2026 -	\$134,000	(T)
			FY 2027 -	\$134,000	(T)
			FY 2028 -	\$134,000	(T)
			FY 2029 -	\$134,000	(T)
			POST YR-	\$670,000	(T)
		BUILD NC CONST	FY 2019 -	\$515,000	(T)
			FY 2020 -	\$515,000	(T)
			FY 2021 -	\$515,000	(T)
			FY 2022 -	\$515,000	(T)
			FY 2023 -	\$515,000	(T)
			FY 2024 -	\$515,000	(T)
			FY 2025 -	\$515,000	(T)
			FY 2026 -	\$515,000	(T)
			FY 2027 -	\$515,000	(T)
			FY 2028 -	\$515,000	(T)
			FY 2029 -	\$515,000	(T)
			POST YR-	\$2,060,000	(T)
		CONSTRUCTION	FY 2019 -	\$765,000	(T)
			FY 2020 -	\$8,168,000	(T)
			FY 2021 -	<u>\$8,168,000</u>	(T)
				\$26,836,000	

* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 14

* U-5839	US 276 (RUSS AVENUE), US 23/74 TO US 23 BUSINESS	ENGINEERING	FY 2020 -	\$135,000	(T)
HAYWOOD	(MAIN STREET). UPGRADE CORRIDOR.		FY 2021 -	\$135,000	(T)
PROJ.CATEGORY	<u>PROJECT TO UTILIZE BUILD NC BONDS FOR</u>		FY 2022 -	\$135,000	(T)
DIVISION	<u>PRELIMINARY ENGINEERING.</u>		FY 2023 -	\$135,000	(T)
			FY 2024 -	\$135,000	(T)
			FY 2025 -	\$135,000	(T)
			FY 2026 -	\$135,000	(T)
			FY 2027 -	\$135,000	(T)
			FY 2028 -	\$135,000	(T)
			FY 2029 -	\$135,000	(T)
			POST YR-	\$675,000	(T)
		BUILD NC ROW	FY 2019 -	\$258,000	(T)
			FY 2020 -	\$258,000	(T)
			FY 2021 -	\$258,000	(T)
			FY 2022 -	\$258,000	(T)
			FY 2023 -	\$258,000	(T)
			FY 2024 -	\$258,000	(T)
			FY 2025 -	\$258,000	(T)
			FY 2026 -	\$258,000	(T)
			FY 2027 -	\$258,000	(T)
			FY 2028 -	\$258,000	(T)
			FY 2029 -	\$258,000	(T)
			POST YR-	\$1,032,000	(T)
		RIGHT-OF-WAY	FY 2019 -	\$160,000	(T)
			FY 2020 -	\$3,040,000	(T)
		UTILITIES	FY 2019 -	\$750,000	(T)
		CONSTRUCTION	FY 2021 -	\$3,600,000	(T)
			FY 2022 -	\$3,600,000	(T)
			FY 2023 -	\$3,600,000	(T)
				<u>\$20,645,000</u>	

* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 14

* U-5840	SR 1547 (OLD AIRPORT ROAD), US 25 TO MILLS GAP	ENGINEERING	FY 2020 -	\$82,000	(T)
HENDERSON	ROAD. WIDEN ROADWAY.		FY 2021 -	\$82,000	(T)
PROJ.CATEGORY	<u>PROJECT TO UTILIZE BUILD NC BONDS FOR</u>		FY 2022 -	\$82,000	(T)
DIVISION	<u>PRELIMINARY ENGINEERING.</u>		FY 2023 -	\$82,000	(T)
			FY 2024 -	\$82,000	(T)
			FY 2025 -	\$82,000	(T)
			FY 2026 -	\$82,000	(T)
			FY 2027 -	\$82,000	(T)
			FY 2028 -	\$82,000	(T)
			FY 2029 -	\$82,000	(T)
			POST YR-	\$410,000	(T)
		BUILD NC CONST	FY 2019 -	\$600,000	(T)
			FY 2020 -	\$600,000	(T)
			FY 2021 -	\$600,000	(T)
			FY 2022 -	\$600,000	(T)
			FY 2023 -	\$600,000	(T)
			FY 2024 -	\$600,000	(T)
			FY 2025 -	\$600,000	(T)
			FY 2026 -	\$600,000	(T)
			FY 2027 -	\$600,000	(T)
			FY 2028 -	\$600,000	(T)
			FY 2029 -	\$600,000	(T)
			POST YR-	\$2,400,000	(T)
		CONSTRUCTION	FY 2019 -	\$2,100,000	(T)
				\$12,330,000	

STIP DELETIONS

DIVISION 1

* B-4577	REPLACE BRIDGE 570071 OVER FLAT SWAMP.	RIGHT-OF-WAY	FY 2019 -	\$67,000	(BGOFF)
MARTIN	<u>DELETE, WORK TO BE ACCOMPLISHED UNDER</u>	CONSTRUCTION	FY 2020 -	\$650,000	(BGOFF)
PROJ.CATEGORY	<u>PROJECT 17BP.1.R.86.</u>			\$717,000	
DIVISION					

DIVISION 4

* B-6043	REPLACE BRIDGE 500037 OVER CSX RR.	RIGHT-OF-WAY	FY 2021 -	\$450,000	(NHPB)
JOHNSTON	<u>DELETE, WORK TO BE ACCOMPLISHED UNDER</u>	CONSTRUCTION	FY 2023 -	\$4,500,000	(NHPB)
PROJ.CATEGORY	<u>PROJECT I-5974.</u>			\$4,950,000	
REGIONAL					

* INDICATES FEDERAL AMENDMENT

**HIGHWAY PROGRAM
STIP DELETIONS**

DIVISION 12

* EB-5791	NC 273 (HIGHLAND STREET), SR 2044 (TUCKASEEGEE	CONSTRUCTION	FY 2019 -	\$344,000	(TA5200)
GASTON	ROAD) TO SUMMIT AVENUE. CONSTRUCT MISSING		FY 2019 -	<u>\$85,000</u>	(L)
PROJ.CATEGORY	SIDEWALK ON BOTH SIDES OF ROAD.			\$429,000	
DIVISION	<u>DELETE AT THE REQUEST OF CITY OF MOUNT HOLLY.</u>				

DIVISION 13

* I-5867	I-26, TENNESSEE STATE LINE TO MILEMARKER 4.	CONSTRUCTION	FY 2020 -	\$2,600,000	(BGIM)
MADISON	PAVEMENT REHABILITATION.		FY 2021 -	<u>\$2,600,000</u>	(BGIM)
PROJ.CATEGORY	<u>DELETE AT THE REQUEST OF DIVISION. WORK TO BE</u>			\$5,200,000	
STATEWIDE	<u>ACCOMPLISHED UNDER I-5831.</u>				

ITEM N SUMMARY

ADDITIONS	4 PROJECTS	\$2,856,000
MODIFICATIONS	76 PROJECTS	
DELETIONS	4 PROJECTS	\$11,296,000
	84 PROJECTS	(\$8,440,000)

* INDICATES FEDERAL AMENDMENT

NCDOT July 2019 Board of Transportation Agenda

Aviation Program

Division Airport County	Project Description
Division 1 Halifax- Northampton County Regional Airport Halifax County	AIRFIELD DRAINAGE REPAIRS This project will repair and backfill significant erosion around approximately 12 drop inlets in the airfield. Costs include design through construction for full award. [PR# 2176]
Division 3 Cape Fear Regional Jetport Brunswick County	LAND ACQUISITION FOR WEST APRON EXPANSION (36244.58.11.2) Reimbursement for 45.5 acres of land acquisition for west apron expansion. [PR# 2176]
Division 4 Johnston County Airport Johnston County	ENVIRONMENTAL ASSESSMENT FOR MID-AIRFIELD DEVELOPMENT This project will complete the environmental assessment for the planned mid-airfield development. This development will enhance airport capacity and will occur in phases per the Airport Layout Plan. [PR# 4188]
Division 5 Person County Airport Person County	RUNWAY SAFETY AREA WIDENING AND PAVEMENT REHAB (DESIGN/BID) - SCOPE CHANGE (36244.60.9.3) The original project award was to design and bid the RSA widening to meet current FAA guidance. This scope change adds runway and other pavement rehabilitation design that can be bid together to reduce overall airport impacts. [PR# 3593]
Division 7 Burlington- Alamance Regional Airport Alamance County	SEWER EXPANSION TO EAST SIDE OF AIRFIELD (36244.16.15.1) This is an additional funding request for Aviation Division Economic Development Funds to support the installation of city sewer to accommodate the development of additional hangars to the east side of the airfield. [PR# 3655]

NCDOT July 2019 Board of Transportation Agenda

Aviation Program

Division 8
Raleigh Executive
Jetport
Lee County

RUNWAY APPROACH CLEARING (DESIGN, PERMIT, BID)

This project will include the design, permitting, and bidding phases to clear and grub approximately 100 acres of trees penetrating both runway approaches as identified in a recent approach survey.
[PR# 4180]

Division 8
Montgomery
County Airport
Montgomery
County

AIRPORT LAYOUT PLAN UPDATE

This project is to update the airport's current ALP which is nearing 10 years old to create an updated plan for the airport's future development.
[PR# 4069]

Division 8
Montgomery
County Airport
Montgomery
County

SELF-SERVICE FUEL FARM (36244.64.6.1)

This is an additional funding request of to complete construction and activation of the new fuel farm. Additional funds are needed for fuel management software and additional professional services throughout project.
[PR# 3257]

Division 8
Moore County
Airport
Moore County

RUNWAY, TAXIWAY & APRON LIGHTS/SIGNAGE (DESIGN/BID)

The existing High Intensity Runway Lights (HIRL), Runway Signs and Runway Distance Remaining Signs, and the existing Taxiway Lights are all reaching the end of their service life. This project will replace the existing runway lights, signs and taxiway lights with LED fixtures, reducing Airport energy usage.
[PR# 2496]

Division 11
Ashe County
Airport
Ashe County

FUEL FARM REPLACEMENT AND TERMINAL FENCE INSTALLATION (36244.29.8.1)

This is an additional funding request for \$171,180 to complete construction, construction administration and inspection services for the removal and replacement of the fuel farm and installation of new fence around the terminal area.
[PR# 3939]

Division 11
Ashe County
Airport
Ashe County

RUNWAY PROTECTION ZONE OBSTRUCTION CLEARING

Project includes clearing, grubbing, seeding and mulching of approximately 4 acres for Runway 10 and 0.25 acre for Runway 28.
[PR# 3984]

NCDOT July 2019 Board of Transportation Agenda

Aviation Program

Division 11 Avery County – Morrison Field Avery County	APRON EXPANSION & PARTIAL PARALLEL TAXIWAY (CA/RPR/CONST) This project will complete the construction phase to expand the apron to meet system plan goals and install partial parallel taxiway to remove direct access to the runway enhancing safety. [PR# 3973]
Division 12 Shelby-Cleveland County Regional Airport Cleveland County	UPDATE AIRPORT LAYOUT PLAN This project is to update the airport layout plan and airport layout drawings to reflect forecasts and future improvements. [PR# 2332]
Division 14 Jackson County Airport Jackson County	RUNWAY RESTORATION GEOTECHNICAL INVESTIGATION This project is to conduct a detailed geotechnical investigation including borings to aid the design of the haul/access road that will be necessary to complete design for the runway restoration project. [PR# 3587]

ITEM I - 4 SUMMARY – 14 PROJECTS – (TOTAL STATE and FEDERAL COST) \$6,392,679

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

NCDOT June 27, 2019 Board of Transportation Agenda

SUMMARY: There are a total of 44 agreements for approval by the Board of Transportation

Statewide

NC Department of Information
Technology Center for
Geographic Information and
Analysis
36249.4034

This Project consists of providing Orthoimagery Advisory and Technical Services for the Digital Coastal Orthoimagery 2020 Project in 27 counties of North Carolina, totaling approximately 15,678 square miles and 17,483 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 project is \$155,000.

Division 1

City of Elizabeth City
Pasquotank County
B-6053
48754.1.1
48754.2.1
48754.3.1

This Project consists of replacement of Municipal Bridge No. 34 over Knobbs Creek on Providence Road in Elizabeth City. The Municipality is responsible for the project. The Department shall reimburse 80% of approved eligible expenses from federal funds, not to exceed \$480,000. The Municipality will provide the 20% non-federal match (\$120,000) and all costs that exceed the total estimated cost of \$600,000.

North Carolina & Virginia
Railroad Company
(NCVA)
Northampton County
80000.1.4.72

This Rail Agreement provides for the approval of Freight Rail and Rail Crossing Safety Improvement (FRRCSI) funds for rail improvements on NCVA track. The Project will replace worn rail from Milepost 59.5 to Milepost 61.1. NCVA will be responsible for performing all the work. The Department will participate in the total cost of the project up to \$510,000. The estimated cost of this project is \$1,000,000.

Division 2

City of Greenville
Pitt County
U-5785
44357.3.1

This Project consists of construction of the Turnbury Drive Extension from East Firetower Road to East Arlington Boulevard. The Department is responsible for the project. The Municipality shall assume ownership and maintenance of the Turnbury Drive Extension improvements upon completion of the project.

Town of Ayden
Pitt County
R-2250
34411.3.7

This Project consists of the installation of ornamental fencing in place of standard woven wire fencing along the town limits of the project. The Municipality shall perform the work. The Department will participate in the construction costs of the project, up to a maximum amount of \$8,247. Costs which exceed that amount shall be borne by the Municipality.

NCDOT June 27, 2019 Board of Transportation Agenda

Division 2, cont.

Greenville Utilities Commission Pitt County U-5917 44679.1.1	This Project consists of improvements on SR 1704 (East 14 th Street) from the intersection of SR 1708 (Fire Tower Road) to just south of White Hollow Road for the widening of SR 1704. At the request of the Agency, the Department shall prepare the design plans for the sewer line relocations associated with the project. The cost to the Agency is \$12,094.85.
Greenville Utilities Commission Pitt County U-5917 44679.1.1	This Project consists of improvements on SR 1704 (East 14 th Street) from the intersection of SR 1708 (Fire Tower Road) to just south of White Hollow Road for the widening of SR 1704. At the request of the Agency, the Department shall prepare the design plans for the water line relocations associated with the project. The cost to the Agency is \$51,073.36.
Greenville Utilities Commission Pitt County U-5917 44679.1.1	This Project consists of improvements on SR 1704 (East 14 th Street) from the intersection of SR 1708 (Fire Tower Road) to just south of White Hollow Road for the widening of SR 1704. At the request of the Agency, the Department shall prepare the design plans for the gas line relocations associated with the project. The cost to the Agency is \$52,270.56.
Greenville Utilities Commission Pitt County U-2817 34868.1.FD3	This Project consists of improvements on SR 1700 (Evans Street/Old Tar Road) from SR 1711 (Worthington Road) to US 264A (Greenville Boulevard). At the request of the Agency, the Department shall prepare the design plans for the gas main relocations associated with the project. The cost to the Agency is \$123,474.89.
Greenville Utilities Commission Pitt County U-2817 34868.1.FD3	This Project consists of improvements on SR 1700 (Evans Street/Old Tar Road) from SR 1711 (Worthington Road) to US 264A (Greenville Boulevard). At the request of the Agency, the Department shall prepare the design plans for the water line relocations associated with the project. The cost to the Agency is \$123,999.95.
Greenville Utilities Commission Pitt County U-2817 34868.1.FD3	This Project consists of improvements on SR 1700 (Evans Street/Old Tar Road) from SR 1711 (Worthington Road) to US 264A (Greenville Boulevard). At the request of the Agency, the Department shall prepare the design plans for the sewer line relocations associated with the project. The cost to the Agency is \$49,730.11.

NCDOT June 27, 2019 Board of Transportation Agenda

Division 2, cont.

Carolina Coastal Railway (CLNA)
Carteret, Pitt and Nash Counties

This CLNA Master Rail Freight Assistance Agreement is for the improvement of railroad infrastructure, health, and safety within the State for the operating efficiency of the rail corridor. Project specific work and funding shall be identified through separate written addenda to this Agreement.

Carolina Coastal Railway (CLNA)
Norfolk Southern Railway
Company (NSR)
Carteret and Pitt Counties
Nash County
80000.1.4.78

This Addendum Number 1 to the CLNA Master Rail Freight Assistance Agreement is for the replacement of sixty-two crossties at ABA Milepost 135.8, one thousand three hundred and forty-three ties at Milepost NS 160.5, upgrade to one hundred pound rail and one hundred and thirty-two pound rail, along with track surfacing at Milepost NS 160.5. NSR owns a portion of the railroad. As a partial owner of the railroad, NSR will execute with the Department a Contingent Interest Agreement and Instrument of Indebtedness. The total cost of the project is \$339,184. The Department shall participate in the project costs up to \$169,593.

Division 3

CSX Transportation Inc.
(CSXT)
New Hanover County
U-4434
37764.1.1

The Department and CSXT, on November 4, 2011, entered into a Master Rail Engineering Agreement (MEA) which detailed the terms and conditions by which CSXT would proceed with necessary engineering and/or design services for various rail improvements within the State. The MEA stipulated that a request for CSXT to perform design review and/or work for each individual rail improvement project would be identified through a separate written agreement to the MEA. This Addendum No. 21 to the Master Rail Engineering Agreement with CSXT covers approval of federal funds to develop preliminary plans for the construction of the Independence Boulevard extension from Randall Parkway to Martin Luther King, Jr. Parkway, and includes grade separated crossings of the CSXT railroad (the "Project"). The specific work provided by this Agreement includes the preliminary engineering, right-of-way acquisition, utility relocation, design, document preparation, and permitting activities necessary to pursue the development of the Project. The Department shall be responsible for the work provide by this Agreement, and CSXT shall be responsible for review. The Department shall reimburse CSXT for 100% of the total project costs. Estimated cost of the work is \$15,000.

NCDOT June 27, 2019 Board of Transportation Agenda

Division 3, cont.

City of Wilmington
New Hanover County
EB-6028
48749.1.1
48749.3.1

This Project consists of construction of a signalized pedestrian crossing at US 17 Business (Market Street) and 21st Street in Wilmington. The Municipality is responsible for the project. The Department shall reimburse 80% of approved eligible expenses from federal funds, not to exceed \$160,000. The Municipality will provide the 20% non-federal match (\$40,000) and all costs that exceed the total estimated cost of \$200,000.

City of Jacksonville
Onslow County
3.1067SM
3.2067SM

This Municipal Operations Agreement (Schedule C) provides for the municipal operations of State-owned traffic signals at certain intersections on the State Highway System within or near the City of Jacksonville. The Department shall reimburse the Municipality based on an approved annual amount for the traffic signals operation, maintenance and administrative costs as per the Agreement.

City of Jacksonville
Onslow County
3.1067SM
3.2067SM

This Municipal Operations Agreement (Schedule D) provides for the operation of the computerized traffic signal systems as indicated in the Agreement. The Municipality shall be responsible for timing plans, electric traffic signals and other traffic control devices on the State Highway System Streets located within or near the City of Jacksonville. The Department shall reimburse the Municipality based on an approved annual amount for the traffic signals operation, maintenance and administrative costs as per the Agreement.

Division 4

Town of Micro
Johnston County
R-5784DK
44914.3.19

This Project consists of curb ramp upgrades to construct ADA compliant curb ramps in Micro. The Department shall perform the work. The Municipality will provide the 20% non-federal match (\$8,225) for the work performed on the non-system streets. The estimated cost of the work is \$41,125. The Municipality is responsible for all costs that exceed \$41,125.

NCDOT June 27, 2019 Board of Transportation Agenda

Division 4, cont.

Town of Clayton
Johnston County
U-5530LA
U-5530LB
44111.1.FD5
44111.1.FD6
44111.3.5
44111.3.6

This Project consists of the design and construction of Sam's Branch Greenway in Clayton. The Municipality is responsible for the project. This Supplemental Agreement is for an increase in funding. The Department shall reimburse an additional 80% of approved eligible expenses from federal funds, not to exceed \$991,471. The Municipality will provide the 20% non-federal match (\$247,867) to the additional funding and in all costs that exceed the total project funding of \$3,570,338.

Division 5

Department of Commerce
(Commerce)
Wake County
32227

On August 15, 2016, the Department and Commerce entered into a Call Center Agreement for the establishment of an operation to distribute current and pertinent information regarding traffic conditions, rail schedules, travel and tourism. The timeframe for the operation of this service was for three years beginning on September 1, 2016 and ending on September 1, 2019 with two one-year renewal options. The parties now wish to exercise the first one-year option. This Supplemental Rail Agreement No. 1 to the Call Center Agreement would extend the timeframe for the operation of the service for one year beginning on September 1, 2019 and ending on September 1, 2020. All other terms and conditions of the Agreement executed on August 15, 2016 will remain the same.

Town of Cary
Wake County
C-5604IB
43714.3.5

This Project consists of the construction of a gap in the White Oak Creek Greenway in Cary. This Supplemental Agreement revises the funding participation cost share rate from the previous Supplemental Agreement and increases the funding. The Department shall reimburse an additional 80% of approved eligible expenses from federal funds, not to exceed \$2,960,000. The Municipality will provide the 20% non-federal match in the amount of \$740,000 and all costs that exceed the total project funding of \$8,250,000.

NCDOT June 27, 2019 Board of Transportation Agenda

Division 5, cont.

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 at Union Street and extending to Kildaire Farm Road near Cary Elementary School in Cary. This Supplemental Agreement revises the funding participation cost share rate from 70/30 to 80/20. The Department shall reimburse 80% of approved eligible expenses from federal funds, not to exceed \$1,520,000. The Municipality will provide the 20% non-federal match (\$380,000) for a total project funding of \$1,900,000 and is responsible for any costs that exceed this amount.

City of Raleigh
Wake County
U-5826
44398.1.1
44398.2.1
44398.3.1

This Project consists of the widening SR 2000 (Falls of Neuse Road) from I-540 to SR 2006 (Durant Road). At the request of the Municipality, the Department shall include the construction of pedestrian facilities within the Project limits. The Municipality shall reimburse the Department 50% of the actual costs of the pedestrian facilities. The estimated cost of the pedestrian facilities is \$101,872. The estimated cost to the Municipality is \$50,936.

City of Raleigh
Wake County
B-4654
38454.3.1

This Project consists of replacement of Bridge No. 69 over US 70 on NC 50 (Benson Road) to adjust and relocate water and sewer lines. This Supplemental Utility Construction Agreement is to add funding for the Project. The Municipality's original estimated cost was \$643,904. The Municipality shall reimburse the Department an additional \$172,142. The total estimated cost to the Municipality is \$816,046.

Town of Morrisville
Wake County
36249.4033

The Project consists of the new roadway extension of Airport Boulevard from Garden Square Lane to Church Street in Morrisville. The Town is providing \$600,000 to NCDOT for NCDOT to manage the planning and design of this roadway extension.

Division 6

City of Fayetteville
Cumberland County
U-5798A
44369.1.2
44369.2.2
44369.3.2

This Project consists of widening SR 1102 (Gillis Hill Road) from north of SR 1112 (Stoney Point Road) to US 401 (Raeford Road). At the request of the Municipality, the Department shall include construction of sidewalks on both sides of SR 1102 (Gillis Hill Road) as betterments. The Municipality shall pay a lump sum of \$150,727.50 for the betterments.

NCDOT June 27, 2019 Board of Transportation Agenda

Division 7

Town of Chapel Hill
Orange County
EB-5721
50417.1.1
50417.3.1

This Project consists of construction of a multi-modal side path along Fordham Boulevard (Highway 15-501) in Chapel Hill. This Supplemental Agreement is for an increase in funding. The Department shall reimburse an additional 80% of approved eligible expenses from federal funds, not to exceed \$400,000. The Municipality will provide the 20% non-federal match (\$100,000) to the additional funding and in all costs that exceed the total estimated cost of \$1,058,000.

City of Greensboro
Guilford County
17BP.7.R.107

This Project consists of relocating a 12" sewer line for the Bridge replacement on SR 1005 (Alamance Church Road). This Utility Agreement is for the construction contractor to adjust and relocate sewer lines. The Municipality shall be responsible for 100% of the cost of the sewer lines. The estimated cost is \$52,940.

Division 8

The Aberdeen & Rockfish
Railroad Company (AR)
Moore County
80000.1.4.75

This Agreement provides for the approval of Freight Rail and Rail Crossing Safety Improvement (FRRCSI) funds for rail improvements on AR track. The Project will provide an engineering design for a future bridge upgrade over Beaver Creek (MP 38.0), installation of relay ties between MP 0.5 and MP 17.0, and the rehabilitation and capacity expansion of track 7 and 8 at the Fayetteville River Terminal. AR will be responsible for performing all the work. The Department will participate in the total cost of the project up to \$188,700. The estimated cost of this project is \$377,540.

Division 9

Piedmont Authority for Regional
Transportation (P.A.R.T.)
Davidson and Forsyth Counties
C-5600M
50061.4.2

On August 16, 2018, the Department and P.A.R.T. entered into a Reimbursement Agreement for Transit Service that covered the terms and conditions by which P.A.R.T. would be reimbursed for providing additional bus service between Winston-Salem and High Point due to the increase in frequency of the Piedmont train services. This Supplemental Rail Agreement No. 1 to the Reimbursement Agreement for Transit Service extends the duration of the service for 2 years, from 2019 to 2021, with an option for 3 additional years, and increases the Department's participation in the project from \$33,519 to \$50,275. All other provisions of the original agreement executed on August 16, 2018 shall remain the same.

NCDOT June 27, 2019 Board of Transportation Agenda

Division 9, cont.

City of Winston-Salem
Forsyth County
Z-5700IE
44803.3.42

This Rail Municipal Agreement covers the design and construction of highway-rail, grade crossing safety improvements consisting of active traffic control warning devices and related roadway safety improvements at Fourteenth Street (Crossing # 722 043M, MP 26.57). The Department will coordinate with the railroad for the warning device work, and the Municipality shall be responsible for any 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 \$320,000.

City of Winston-Salem
Whitaker Park Development
Authority
Forsyth County
U-6231
48777.3.1

The Project consists of the construction of new access road to serve Whitaker Park, from SR 4001 (Reynolds Boulevard) to south of SR 2264 (Akron Drive) at intersection of SR 1763 (Indiana Avenue) in Winston-Salem. The Department shall participate in the actual construction costs up to a maximum amount of \$1,300,000. Costs which exceed this amount shall be borne by the Developer and Municipality. The total estimated cost is \$4,000,000.

Division 10

Wilmington Terminal Railroad, LP
(WTRY)
North Carolina State Ports
Authority (NCSPA)
Mecklenburg County
80000.1.4.53

On February 22, 2018, the Department, WTRY, and NCSPA entered into a Rail Freight Assistance Agreement for the modernization of 1,230 feet of existing Track 1 and 3,020 feet of Track 18 on the NCSPA right of way in New Hanover County. The NCSPA was to perform the work and the Department's participation in the project was up to \$625,272.40. This Supplement rail Agreement No. 1 expands the scope of the project to include intermodal improvements at the Charlotte Inland Terminal to support the Queen City Express operations and changes the Department's participation in the project from \$635,272.40 to \$2,243,197. The NCSPA will perform all of the construction work, and the Department will review the bid package and perform a final inspection of the completed project. The total cost of the project is changed from \$1,250,544.80 to \$4,486,392.13. All other terms and conditions of the Rail Freight Assistance Agreement execution on February 22, 2018 will remain the same.

NCDOT June 27, 2019 Board of Transportation Agenda

Division 10, cont.

CSX Transportation, Inc.
(CSXT)
Union County
U-6031
47156.1.1

The Department and CSXT, on November 4, 2011, entered into a Master Rail Engineering Agreement (MEA) which detailed the terms and conditions by which CSXT would proceed with necessary engineering and/or design services for various rail improvements within the State. The MEA stipulated that a request for CSXT to perform design review and/or work for each individual rail improvement project would be identified through a separate written agreement to the MEA. This Addendum #19 to the MEA provides the terms for CSXT to review the design plans for the widening of SR 1009 (Charlotte Avenue), from Seymour Street to NC 200 (Dickerson Boulevard). The Department will prepare and submit the plans to CSXT for review and approval. CSXT will review the Department's plans and will be responsible for preparing the project's railroad signal plans. The Department will reimburse CSXT 100% of the cost of work performed by CSXT. The estimated cost of the work is \$15,000.

Town of Harrisburg
Cabarrus County
10RE.101315
10RE.201315

This Project consists of routine mowing maintenance within the municipal limits of Harrisburg. The Municipality will perform the work. The Department shall reimburse the Municipality up to a maximum amount of \$16,007.52 annually for the mowing services.

Town of Indian Trail
Union County
10RE.209017

This Project consists of routine litter removal within the municipal limits of Indian Trail. The Municipality will perform the work. The Department shall reimburse the Municipality up to a maximum amount of \$31,603.80 annually for the litter removal.

City of Kannapolis
Cabarrus County
C-5603F
43713.1.6
43713.2.6
43713.3.6

This Project consists of constructing sidewalk along Bethpage Road from South Main Street to Leonard Avenue. The Municipality is responsible for all phases of the Project. This Supplemental Agreement is to reduce the Department's funding on C-5603F by \$440,000 and reallocates it to Project C-5161. The Department shall participate in the revised funding amount, not to exceed \$208,000 (80%) in federal funds. The Municipality will provide the 20% non-federal match (\$52,000) and all costs that exceed the total estimated cost of \$260,000.

NCDOT June 27, 2019 Board of Transportation Agenda

Division 10, cont.

City of Kannapolis
Cabarrus County
C-5161
46226.1.F1
46226.3.3

This Project consists of the construction the Irish Buffalo Creek Greenway and the Oakwood Connector. The Municipality is responsible for all phases of the project. This Supplemental Agreement is to increase funding. The Department shall reimburse an additional 80% of approved eligible expenses from federal funds, not to exceed \$440,000. The Municipality will provide the 20% non-federal match (\$110,000) to the additional funding and in all costs that exceed the estimated cost of \$3,220,000.

Division 12

Alexander Railroad Company
(ARC)
Iredell County
80000.1.4.76

This Agreement provides for the approval of Freight Rail and Rail Crossing Safety Improvement (FRRCSI) funds for rail improvements on ARC track. The Project will extend upgrades to the main track and railroad-owned sidings at the western end of the Statesville Yard. The Improvements will include rail, switch and crossing replacement. ARC will be responsible for performing all the work. The Department will participate in the total cost of the project up to \$387,100. The estimated cost of this project is \$774,200.

CSX Transportation (CSXT)
Gaston County
U-5819
44391.1.1

The Department and CSXT, on November 4, 2011, entered into a Master Rail Engineering Agreement (MEA) which detailed the terms and conditions by which CSXT would proceed with necessary engineering and/or design services for various rail improvements within the State. The MEA stipulated that a request for CSXT to perform design review and/or work for each individual rail improvement project would be identified through a separate written agreement to the MEA. This Addendum No. 20 to the Master Engineering Agreement with CSXT covers approval of State funds to develop preliminary plans for improvements to the intersection at NC 27 (W. Charlotte Avenue) and SR 3456 (Hawthorne Street) on the CSXT railroad (the "Project"). The specific work provided by this Agreement includes the preliminary engineering, right-of-way acquisition, utility relocation, design, document preparation, and permitting activities necessary to pursue the development of the Project. The Department shall be responsible for the work indicated in this Agreement, and CSXT shall be responsible for review. The Department shall reimburse CSXT for 100% of the total project costs. Estimated cost of the work is \$15,000.

NCDOT June 27, 2019 Board of Transportation Agenda

Division 12, cont.

City of Claremont
Catawba County
C-5195
46247.1.1
46247.3.3

This Project consists of constructing sidewalk in multiple locations along Centennial Boulevard, Calvin Street, S. Depot Street, Yount Street, Bethlehem Drive, and School Street in Claremont. The Municipality is responsible for all phases of the project. This Supplemental Agreement increases funding. The Department shall reimburse an additional 80% of approved eligible expenses from federal funds, not to exceed \$100,000. The Municipality will provide the 20% non-federal match (\$25,000) to the additional funding and in all costs that exceed the total estimated cost of \$775,000.

Division 13

Southeast Shortlines
dba thermal Belt Railway (TBRY)
Rutherford County
8000.1.4.77

This Agreement provides for the approval of Freight Rail and Rail Crossing Safety Improvement (FRRCSI) funds for rail improvements on Southeast Shortlines dba Thermal Belt Railway (TBRY) tracks, owned by Rutherford Railroad Development Corporation (RRDC). The project will provide 286K upgrades including replacement of crossties and switch ties, installation of relay rail, and track surfacing from MP 403.8 to MP 404.8. TBRY will be responsible for performing all the work. As a condition of the award of funds, RRDC, as owner of the tracks, and the Department will enter into a Contingent Interest Agreement and Instrument of Indebtedness to secure a lien on the project assets for five (5) years. The Department will participate in the total cost of the project up to \$72,170.00. The cost of this project is \$144,340.00.

City of Asheville
Buncombe County
I-4700
36030.3.GV4

This Project consists of improvements on I-26 from NC 280 (Exit 40) to I-40 at Asheville. The Department is responsible for the Project. At the request of the Municipality, the Department shall include the construction of pedestrian facilities within the Project limits. The Municipality shall reimburse the Department 40% of the actual costs of the pedestrian facilities. The estimated cost of the pedestrian facilities is \$30,000. The estimated cost to the Municipality is \$12,000.

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 in Buncombe County. This Third Amendment modifies the scope of services to include additional deliverables for pre-construction and construction activities. The Department's maximum participation in the project is \$1,800,000.

NCDOT June 27, 2019 Board of Transportation Agenda

SUMMARY: There are a total of 24 agreements for informational purposes only

Division 2

NC Wildlife Resources
Commission
Carteret County
36249.4028

This Project consists of dredging up to 500 cubic yards of material from the Cedar Island Wildlife Resources ramp located adjacent to the Ferry Terminal at Cedar Island. The Ferry Division will perform the work. The Agency shall reimburse the Department 100% of the costs. The estimated reimbursement is \$25,000.

Division 3

Town of Wrightsville Beach
New Hanover County
36249.4029

This Project consists of signal plan and equipment modifications at US 74 (Salisbury Street) and US 74/ SR 1452 (Lumina Avenue), [SIN: 03-0054] in Wrightsville Beach. The Department will review the traffic signal plans and inspect the traffic signal installation. The Municipality shall reimburse the Department 100% for the work. The estimated reimbursement is \$5,000.

FDC Amberleigh Shores II SPE,
LLC
New Hanover County
36249.4031

This Project consists of signal plan and equipment modifications at US 117 (Market Street) and SR 2734 (Marsh Oaks Drive). The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$5,000.

Quality Oil Company
Pender County
36249.4030

This Project consists of signal plan and modifications at NC 50/210 (Roland Avenue) and the Food Lion driveway, [SIN: 03-1092] and signal coordination work by the Department along NC 50/210 related to the GoGas Development. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$20,000.

NC Shallotte Smith, LLC
Brunswick County
36249.4012

This Project consists of signal review and inspection of overhead signage and structure for signal installation at SR 1357 (Smith Avenue) and SR 1349 (White Street)/Site Access 1 and signal modifications at US 17 Business (Main Street) and SR 1357 (Smith Avenue), [SIN: 03-0415]; and signal coordination work by the Department along SR 1357 (Smith Avenue) and US 17 Business (Main Street) related to the 131 Smith Avenue Development. This Supplemental Agreement is for a correction to the original project scope with no change in funding.

NCDOT June 27, 2019 Board of Transportation Agenda

Division 3, cont.

Barfield Properties, LLC
Onslow County
36249.3975

This Project consists of signal design, modification and installation at NC 24 (Corbett Avenue) and SR 1511 (Hammocks Beach Road), [SIN: 03-1011], related to Moore's BBQ Development. The Department will perform the work. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$4,950.

Division 4

Wilson CFA, LLC
Wilson County
W-5601DQ
50138.3.122

This Project consists of roadway improvements associated with the proposed Chick-fil-A on SR 1001 (Lamm Road). The Department will perform the work. The Developer shall reimburse the Department a fixed cost for the work in the amount of \$80,511.39.

Division 5

Lee Properties Group
Wake County
36249.4024

This Project consists of upgrades to the traffic signal at the intersection of Hopson Road and Keystone Park Drive. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$5,000.

RP PR Develop, LLC
Durham County
36249.4023

This Project consists of upgrades to the traffic signal at the Page Road and Chin Page Road intersection and the installation of a new signal at the Page Road and Airport Road intersection. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$5,000.

Town of Rolesville
Wake County
36249.4025

This Project consists of corridor improvements to S. Main Street (US 401 Bus) in Rolesville. The Municipality has requested the Department provide review and oversight of the project plans and design. The Municipality shall reimburse the Department 100% for the work. The estimated reimbursement is \$10,000.

UNC REX Healthcare
Wake County
36249.4019

This Project consists of modifications to existing traffic signals at Blue Ridge Road intersections in Raleigh. The developer will be responsible for all costs associated with the signals. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$10,000.

NCDOT June 27, 2019 Board of Transportation Agenda

Division 7

Town of Chapel Hill
Orange County
N/A

This Project consists of the traffic signal upgrade for US 15-501 (Fordham Blvd) at Elliott Road in Chapel Hill. Signal revision work includes adding a fourth leg to the existing three leg intersection with the extension of Elliott Drive. The Department will review the traffic signal plans and inspect the traffic signal installation. There is no funding or reimbursement for this Project.

UNC Chapel Hill
Orange County
36249.4027

This Project consists of the traffic signal upgrade at SR 1902 (Manning Drive) and West Drive on the UNC Chapel Hill campus and roadway improvements on West Drive. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$5,000.

ZDC NO. 331, LLC
Alamance County
36249.4018

This Project consists of traffic signal upgrades for the intersection improvements at SR 1165 (Bonner Bridge Parkway) and SR 1226 (University Drive) in Burlington. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$5,000.

Division 9

Food Lion, LLC
Rowan County
36249.4026

This Project consists of the signal upgrade on US 29 at SR 1673 (Main Street) to add an additional roadway connection and install pedestrian signals. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$5,000.

Division 10

MPV Properties
Mecklenburg County
36249.4020

This Project consists of the modification of a traffic signal located at NC Highway 24/27 and SR 2810 (Rocky River Church Road). The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$6,000.

NCDOT June 27, 2019 Board of Transportation Agenda

Division 10, cont.

Mecklenburg County
2020CPT.10.01.20601

This Project consists of resurfacing improvements on Tatting Road, Bards Court and Carding Place in the Hearthstone Subdivision in Mecklenburg County. The Department will perform the work. The County shall participate in the costs of the project in the amount of \$38,398.62.

Hope Community Church of
Metrolina
Mecklenburg County
2020CPT.10.01.20601

This Project consist of resurfacing improvements on Bedford Road from SR 1625 (Sam Wilson Road) to SR 1627 (Laine Road) in Mecklenburg County. The Department will perform the work. The Church shall reimburse the Department 100% for the work. The estimated reimbursement is \$81,232.

City of Charlotte
Mecklenburg County
C-5533
45506.1.1
45506.2.2
45506.3.2

This Project consists of construction of a roundabout at Shopton and Beam Roads. This Supplemental Agreement extends the completion date of the Project. The Municipality shall complete the project by April 30, 2020 in lieu of June 11, 2019.

City of Charlotte
Mecklenburg County
10.2060SM

This Projects consists of municipal operations of traffic signals at certain intersections on State Highway System Streets within the Municipality (Traffic Schedule C). This Supplemental Agreement extends the renewal period of the agreement through June 30, 2020.

City of Charlotte
Mecklenburg County
10.2060SM

This Projects consists of municipal operations of computer, communications, equipment and system operations for computerized traffic signal systems on State Highway System Streets within the Municipality (Traffic Schedule D). This Supplemental Agreement extends the renewal period of the agreement through June 30, 2020.

Division 13

City of Asheville
Buncombe County
36249.4021

This Project consists of the addition of pedestrian phasing at three signalized intersections in Asheville: NC 280 (Airport Road) at US 25 (Hendersonville Road); NC 280 (Airport Road) at Old Shoals Road and NC 280 (Airport Road) at the Walmart Supercenter Driveway. The Department will review the traffic signal plans and inspect the traffic signal installation. The Municipality shall reimburse the Department 100% for the work. The estimated reimbursement is \$15,000.

NCDOT June 27, 2019 Board of Transportation Agenda

Division 13, cont.

Q2 Group, LLC
Buncombe County
36249.4022

This Project consists of the addition of pedestrian signalization across the northern leg and western leg of the intersection of US 25 (Hendersonville Road) and Glenn Bridge Road. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$3,500.

Division 14

Polk County
14SP.20751.3

This Project consists of providing flagging operations for the World Equestrian Games in Polk County. The County will reimburse the Department in the amount of \$134,491.71 for the work. This agenda item supersedes the item that was approved by the BOT on January 10, 2019.

NCDOT July 2019 Board of Transportation Agenda

Approval of Municipal Street System Changes

Deletions from the State Highway System

Div	County	Municipality	Road	Termini	Length
8	Randolph	City of Trinity	SR 1598; Siler Street	To delete .098 miles of SR 1598 (Siler Street) in Randolph County	0.098
		File Name:	Randolph_2019_07_M001		
14	Henderson	Town of Fletcher	SR 1471; Oakbrook Road	To delete Oakbrook Road	0.233
		File Name:	Henderson_2019_07_M001		
14	Henderson	Town of Fletcher	SR 2000; Belmont Drive	To delete Belmont Drive	0.145
		File Name:	Henderson_2019_07_M001		
14	Henderson	Town of Fletcher	SR 2034; Higgins Road	To delete Higgins Road	0.200
		File Name:	Henderson_2019_07_M001		
14	Henderson	Town of Fletcher	SR 2035; North Westview Court	To delete North Westview Court	0.060
		File Name:	Henderson_2019_07_M001		
14	Henderson	Town of Fletcher	SR 2036; East Sunrise Court	To delete East Sunrise Court	0.050
		File Name:	Henderson_2019_07_M001		

Total Miles = 0.786

NCDOT July 2019 Board of Transportation Agenda

<u>No.</u>		<u>Enacted Page No.</u>
1	Preliminary Right of Way Plans	R-1 – R-3
2	Final Right of Way Plans	R-4
3	Revisions of Final Right of Way Plans	R-5
4	Approval of Conveyance of Highway Right of Way Residues	R-6
5	Approval of Permanent Sewer Easement	R-7
6	Approval of Assignment of Permanent Easements	R-8
7	Approval of Conveyance of Surplus Right of Way	R-9
8	Advance Acquisition of Highway Right of Way	R-10 – 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)

Pitt County; I.D. No. B-5612; Project No. 45567.2.1:
Bridge No. 24 over the Tar River on NC 222

(Division 3)

Duplin County; I.D. No. B-5534; Project No. 55034.2.1:
Bridge No. 82 over Burnt Coat Creek on NC 111

Pender County; I.D. No. B-5653; Project No. 45608.2.1:
Bridge No. 14 over Turkey Creek on NC 133

Brunswick County; I.D. No. U-5788; Project No. 44360.2.1:
US 17 Business (Main Street) at Wall Street/Shallote Avenue

(Division 4)

Wilson County; I.D. No. B-6000; Project No. 48195.2.1:
Bridge No. 96 over Tributary of Town Creek on SR 1400 (Rock Quarry Road) (Utilities)

Edgecombe County; I.D. No. B-4933; Project No. 40136.2.1:
Bridge No. 80 and Bridge No. 49 overflow over the Tar River on NC 33

Preliminary Right of Way Plans (continued)

(Division 4) (continued)

Halifax County; I.D. No. B-5662; Project No. 45617.2.1:
Bridge No. 93 over Conoconnara Swamp on NC 581

Nash County; I.D. No. B-5670; Project No. 45625.2.1:
Bridge No. 29 over the Tar River on US 64 Alternate

(Division 7)

Guilford County; I.D. No. U-5841; Project No. 50232.2.1:
Friendly Avenue from West of Green Valley Road to Lindell Road in Greensboro

Guilford County; I.D. No. U-6019; Project No. 47164.2.1:
SR 2334 (Air Harbor Road) at SR 2347 (Lake Brandt Road)

(Division 8)

Randolph County; I.D. No. U-5308; Project No. 47028.2.2:
SR 1547 (Finch Farm Road) from South of SR 3106 (Kennedy Road) to I-85

Randolph County; I.D. No. U-5743; Project No. 50165.2.1:
NC 42 / SR 2164 (Dublin Square Road) from SR 2237 (East Salisbury Street) to North of
US 64 / NC 49 (Dixie Drive) in Asheboro (Utilities authorized under 50165.2.2)

(Division 9)

Forsyth County; I.D. No. U-5617; Project No. 47082.2.1:
SR 1173 (Williams Street) West/East of bridge over US 421; East of bridge to West of
roundabout at SR 1001 (Shallowford Road)

(Division 10)

Cabarrus County; I.D. No. B-5813; Project No. 45767.2.1:
Bridge No. 132 over Dutch Buffalo Creek on NC 73

(Division 11)

Wilkes County; I.D. No. R-5759; Project No. 44691.2.1:
NC 115 from US 421 to 2nd Street

Caldwell County; I.D. No. U-6033; Project No. 46967.2.1:
US 64 (NC 18) and SR 1142 (Callico Road)

Caldwell County; I.D. No. U-6035; Project No. 46970.2.1:
SR 1002 (Dudley Shoals Road) and SR 1751 (Grace Chapel Road / Campground Road)
/ SR 1752 (Peach Orchard Road)

Caldwell County; I.D. No. U-6036; Project No. 46971.2.1:
SR 1109 (Pinewood Road) from US 321 to SR 1931 (Bert Huffman Road)

(Division 12)

Catawba County; I.D. No. U-5777; Project No. 50189.2.1:
NC 127 from 1st Avenue Southeast to 2nd Avenue Southeast

Preliminary Right of Way Plans (continued)

(Division 12) (continued)

Iredell County; I.D. No. R-5100B; Project No. 41890.2.4:

SR 1109 (Williamson Road) from SR 1100 (Brawley School Road) to NC 150 (Utilities authorized under 41890.2.5)

Iredell County; I.D. No. U-5780; Project No. 50191.2.1:

NC 150 and SR 2399 (Wiggins Road) intersection

Iredell County; I.D. No. U-5799; Project No. 44371.2.1:

US 21 from SR 1933 to Fort Dobbs Road

(Division 13)

Mitchell County; I.D. No. B-5893; Project No. 48086.2.1:

Bridge No. 19 over Cub Creek on NC 226

(Division 14)

Cherokee County; I.D. No. R-5861; Project No. 47427.2.1:

US 19 / 129 Cherokee County from Georgia State Line to US 64

Henderson County; I.D. No. U-5887; Project No. 44634.2.1:

SR 1783 (Highland Lake Road) from NC 225 to US 176

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 1)

Project No. 34472.2.4; Northampton County; I.D. No. R-2582A:

Drainage, grading, paving and structures on US 158/NC 46 from I-95/NC 46 in Roanoke Rapids to SR 1312 (St. John Church Road) in Northampton County with the right of way indicated upon the final plans for said project.

(Division 2)

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

Culvert, drainage, grading, paving, signals, structure, widening and signing on US 70 (Havelock Bypass) from North of Pine Grove to North of Carteret County Line with the right of way indicated upon the final plans for said project.

Project No. 38422.2.1; Pamlico County; I.D. No. B-4593:

Drainage, grading, paving and structure on Bridge No. 38 over the Trent Creek on NC 55 with the right of way indicated upon the final plans for said project.

(Division 13)

Project No. 36030.2.7; Buncombe County; I.D. No. I-4700:

Drainage, grading, paving, signals and structures on I-26 from NC 280 (Exit 40) to I-40 at Asheville 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. 34821.2.4; I.D. No. U-2525C; Guilford County:

Final Right of Way plans approved on the minutes of the March 8, 2018 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 15, 16 & 18 as presented at the June 27, 2019 Board of Transportation Meeting.

REVISION FINAL ROW PLANS

1 PROJECT(S)

\$0.00

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 1)

**Project 6.099005T, Parcel R-2112A 026, US 64 in Robersonville
Martin County**

Conveyance of an approximate 1.87-acre residual tract to Keel Brothers Farms, the only interested adjacent owner, for the amount of \$700.00.

(Division 2)

**Project 34528.2.2, Parcels R-3307 127, US 70 from existing 4 lanes at Radio Island to US 70
Carteret County**

Conveyance of an approximate 0.374-acre residual tract to Robert Earl Melton, as part of the settlement of his Highway Damage claim with the Department for no monetary amount.

(Division 11)

**Project 37044.2.1, Parcel R-3101 073, US 21 from SR 1100 (Oklahoma Road) to SR 1121 (Pine Swamp Road)
Alleghany County**

Conveyance of an approximate 0.954-acre residual tract to Ralph E. Carter, III and Sandra McKnight Carter, the highest bidders after public advertisement, for the bid sum of \$4,775.00.

CONVEYANCE ROW RESIDUE

3 PROJECT(S)

\$ 5,475.00

Approval of Permanent Sewer Easement

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

(Division 3)

Project 34491.2.3 (R-2633B), Parcel 039, US 17 (Wilmington Bypass)

Brunswick County

The Department acquired a residual tract from Lincoln Development Company, Inc. A North Carolina Corporation. Brunswick County has requested the Department to allow it to place a 16 inch PVC Force Main on the aforementioned residual tract. The Department has determined the placement of the 16 inch PVC Force Main would cause no damage to the residual tract. This is to request authority for the Manager of Right of Way Unit to execute the appropriate instrument.

Approval of Assignment of Permanent Easements

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)

**Project 42376.2.1 (U-5114), Parcel 017, US 21 (Statesville Road) and SR 2136 (Gilead Road) Intersection Improvements
Mecklenburg County**

The Department acquired Permanent Easements for the construction of the improvement of the intersection of US 21 (Statesville Road) and SR 2136 (Gilead Road). The Department agreed to the assignment of an approximate 0.116 acre area of Permanent Easement to Duke Energy Carolinas due to the acquisition of Dukes current utility line and prior rights. Duke Energy Carolinas has agreed to the assignment for no monetary consideration.

Approval of Conveyance of Surplus Highway Right of Way (Correction)

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:

These items are a correction to the items submitted on June 6, 2019 R-6 page.

(Division 10)

**Project 36780.2.FS2, Parcels I-3802A 163 & 235, US 29 (Concord Parkway North) near the new alignment Kannapolis Highway in Concord
Cabarrus County**

Disposal of approximately 0.04 acre surplus right of way to Sunset Southstar, LLC for no consideration.

(Division 14)

**Project 8.3064101, Parcel 174, US 64/74/129 near SR 1613 (Butler Mountain Road)
Cherokee County**

Disposal of approximately 0.244 acre of surplus right of way to Circle V, LLC for no consideration

**Project 8.3064103, Parcel 019 & 020, US 64 near its intersection with SR 1440 (Burnette Road) and SR 1168 (Industrial Park Road) in Franklin
Macon County**

Disposal of approximately 1.052 acre of surplus right of way to Dennis N. Stamey for the appraised value of \$20,250.00

CONVEYANCE SURPLUS RIGHT OF WAY

3 PROJECT(S)

\$ 20,250.00

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 2

**Barbara Hill
I. D. No. U-5713 Parcel 600
WBS 50111.1.1, F. A. Project N/A,
County of Carteret**

**Getty NC Leasing Inc
I. D. No. U-5713 Parcel 601
WBS 50111.1.1, F. A. Project N/A,
County of Carteret**

**Hilbert Crossing Plaza LLC
I. D. No. U-5713 Parcel 602
WBS 50111.1.1, F. A. Project N/A,
County of Carteret**

**WH Capital LLC
I. D. No. U-5713 Parcel 603
WBS 50111.1.1, F. A. Project N/A,
County of Carteret**

**FSI Properties LLC
I. D. No. U-5713 Parcel 604
WBS 50111.1.1, F. A. Project N/A,
County of Carteret**

**FSI Properties LLC
I. D. No. U-5713 Parcel 605
WBS 50111.1.1, F. A. Project N/A,
County of Carteret**

Advance Acquisition of Highway Right of Way (continued)

Division 2 (continued)

Morris Family Ventures LLC
I. D. No. U-5713 Parcel 606
WBS 50111.1.1, F. A. Project N/A,
County of Carteret

Morris Family Ventures LLC
I. D. No. U-5713 Parcel 607
WBS 50111.1.1, F. A. Project N/A,
County of Carteret

So Easy, LLC
I. D. No. U-5713 Parcel 608
WBS 50111.1.1, F. A. Project N/A,
County of Carteret

Craig M and Craig Goess
I. D. No. U-5713 Parcel 609
WBS 50111.1.1, F. A. Project N/A,
County of Carteret

Bryan Wood
I. D. No. U-5713 Parcel 610
WBS 50111.1.1, F. A. Project N/A,
County of Carteret

Bryan Wood
I. D. No. U-5713 Parcel 611
WBS 50111.1.1, F. A. Project N/A,
County of Carteret

L & R Investment Properties, LLC
I. D. No. U-5713 Parcel 612
WBS 50111.1.1, F. A. Project N/A,
County of Carteret

L & R Investment Properties, LLC
I. D. No. U-5713 Parcel 613
WBS 50111.1.1, F. A. Project N/A,
County of Carteret

J & H Investments of New Bern LLC
I. D. No. U-5713 Parcel 614
WBS 50111.1.1, F. A. Project N/A,
County of Carteret

Advance Acquisition of Highway Right of Way (continued)

Division 2 (continued)

Brices Creek Bible Church
I. D. No. R-5777AB Parcel 615
WBS 44648.1.2, F. A. Project N/A,
County of Carteret

Brices Creek Bible Church
I. D. No. R-5777AB Parcel 616
WBS 44648.1.2, F. A. Project N/A,
County of Carteret

JK Williams Properties LLC
I. D. No. R-5777AB Parcel 617
WBS 44648.1.2, F. A. Project N/A,
County of Carteret

971 Associates LLC
I. D. No. R-5777AB Parcel 618
WBS 44648.1.2, F. A. Project N/A,
County of Carteret

Alcoke Holdings LLC
I. D. No. R-5777AB Parcel 619
WBS 44648.1.2, F. A. Project N/A,
County of Carteret

Earl and Mitzi Temple
I. D. No. R-5777AB Parcel 620
WBS 44648.1.2, F. A. Project N/A,
County of Carteret

N&B Co. LLC
I. D. No. U-5713 Parcel 621
WBS 50111.1.1, F. A. Project N/A,
County of Carteret

Dixie Chemical Co., Inc.
I. D. No. R-5777AB Parcel 699
WBS 50111.1.1, F. A. Project N/A,
County of Carteret

Advance Acquisition of Highway Right of Way (continued)

Division 5

Q3, LLC (Quate Industrial Services)
(American Tower, Tenant)
I.D. No. U-5518 Parcel 904
WBS 43612.2.3 F. A. Project N/A,
County of Durham

Gary and Joyce Smith
I.D. No. R-2829 Parcel 907
WBS 35517 F. A. Project N/A,
County of Wake

APPROVAL OF ADVANCE ACQUISITION FOR HIGHWAY ROW 25 PROJECT(S) \$ 0.00

R-ITEM SUMMARY 63 PROJECT(S) TOTAL: \$ 25,725.00

**NORTH CAROLINA BOARD OF TRANSPORTATION
RECOMMENDED ALLOCATION OF HIGHWAY MAINTENANCE APPROPRIATIONS
FISCAL YEAR 2019 - 2020**

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

There are no Comprehensive Transportation Plans to be presented for approval at the June 27, 2019 Board of Transportation Meeting.

ITEM V

NORTH CAROLINA BOARD OF TRANSPORTATION

There will be no Item V submitted to the Board for approval at the June 27, 2019, Board meeting.



NORTH CAROLINA
Environmental Quality

ROY COOPER
Governor

MICHAEL S. REGAN
Secretary

TIM BAUMGARTNER
Director

June 17, 2019

Biennial Budget Approval for the North Carolina Division of Mitigation Services

The Division of Mitigation Services (DMS), Department of Environmental Quality, performs offsite mitigation services for the North Carolina Department of Transportation (NCDOT). Each year, DMS provides the Board of Transportation (the Board) a biennial budget for approval based upon mitigation ordered to meet transportation improvement project timelines and objectives.

DMS presented the Biennial Budget for Fiscal Years 2019/2020 and 2020/2021 to the Board during its June 5, 2019 meeting. The budget includes funding for new and existing mitigation projects developed to support transportation initiatives as well as ensuring perpetual protection of these mitigation areas.

DMS is requesting the Board approve the proposed Biennial Budget for Fiscal Years 2019/2020 and 2020/2021 in the amount of \$96,406,203 during its June 26, 2019 meeting.





NORTH CAROLINA

Department of Transportation



Delivering our Federal Program

June 26, 2019

Delivering our Federal Program

NC's Total Annual Federal Apportionment ~ \$1.1B

Various Federal Funding Pots				
National Highway Performance Program (NHPP)	Surface Transportation Block Grant (STBG)	Surface Transportation Block Grant – Direct Attributable (STBG-DA)	Highway Safety Improvement Program (HSIP)	Congestion Mitigation & Air Quality Improvement (CMAQ)
National Highway Freight Program (NHFP)	Planning & Research (PL & SPR)	Transportation Alternatives Program (TAP)	Transportation Alternatives Program - Direct Attributable (TAP-DA)	Rail-Highway Crossings

Three ways we can lose Federal Funds:

1. Lapsing Funds
2. Rescission
3. Not Taking Full Advantage of August Redistribution

1 – Lapsing Funds

Preventing Funds from Lapsing

- Funds lapse if not obligated within 4 years
- \$4M in TAP funding lapsed in 2017
- NCDOT continues to utilize TAP funds on ADA curb ramps to help reduce unobligated balance
- We need Local Governments to deliver TAP projects as well to help reduce unobligated balances. This helps us:
 - Ensure funds do not lapse
 - Reduce funds subject to rescission
 - Maximize August Redistribution

2 – FAST Act Rescission – 2020

FAST Act Rescission

SEC. 1438. ADJUSTMENTS.

(a) IN GENERAL.—On July 1, 2020, of the unobligated balances of funds apportioned among the States under chapter 1 of title 23, United States Code, a total of \$7,569,000,000 is permanently rescinded.

Subject to Rescission	Not Subject to Rescission
NHPP	STBG & STBG-DA
NHFP	HSIP
PL	Rail Highway Xing
CMAQ	
TAP & TAP-DA	

How Will This Affect NC?

- Rescission amount calculated based on remaining balances as of: September 30, 2019
- Funds rescinded: July 1, 2020
 - Will not affect project delivery
- Anticipate losing ~\$20M in the rescission
- Projected national unobligated CA balance < \$7.569B
 - All unobligated subject funds rescinded
 - Additional subject funds proportionally taken from 2020
- The more funds subject to rescission obligated before end of FFY19, the less we will lose in the rescission

FFY 2019 Delivery Rates to Date

	Available Funds Start of FFY 19	Obligated & MPO Transfer	NCDOT Transfer	Unobligated Balance To Date
STBG-DA	\$225M	\$38.5M	N/A	\$186.5M
CMAQ*	\$76.9M	\$37.5M	\$25M	\$14.4M
TAP*	\$43.7	\$22.5M	\$7M	\$14.2M
TAP-DA*	\$21.4M	\$4.8M	N/A	\$16.6M

*Funds subject to 2020 rescission

CMAQ Delivery

- Local governments have struggled with delivering their CMAQ projects
- Over the past 3 years, DOT has transferred \$75M to eligible funding sources to use on other projects to ensure funds do not lapse or get rescinded
- Will continue to transfer funds in future years to avoid lapsing funds which could affect previously selected CMAQ projects

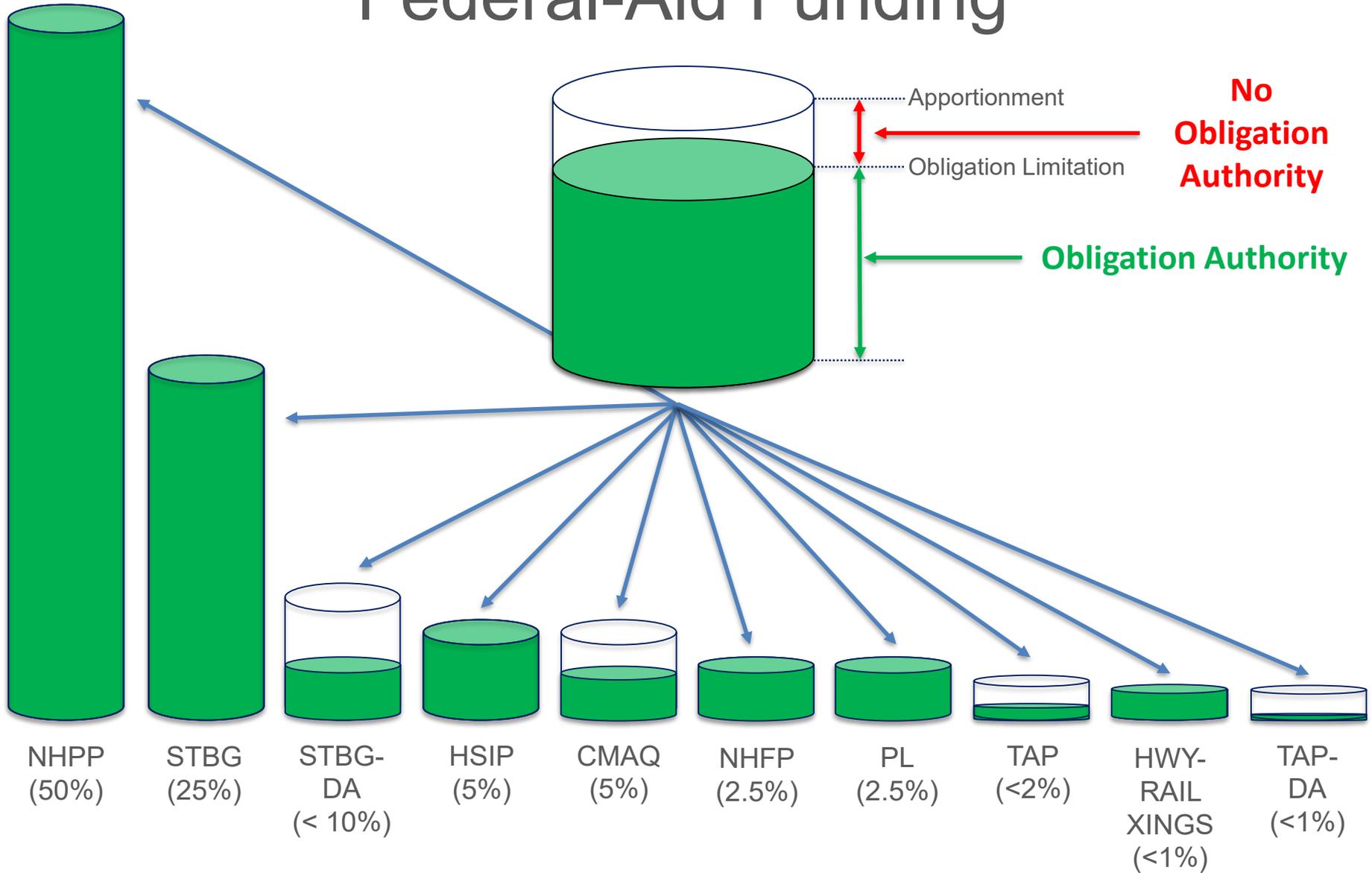
We Have asked MPO's to Help Avoid Losing Funds By....

- Programming all DA and CMAQ
 - Earlier call for projects
 - Program multiple years
- Obligating funds
 - Funds need to not only be programmed, but **obligated**
- Utilizing less flexible funds first
 - Use TAP-DA when possible in place of STBG-DA
 - Use up to 50% of TAP funds for any STBG eligible purpose*

*New FAST Act provision. Must go through same TAP competitive process.

3 – August Redistribution

Federal-Aid Funding



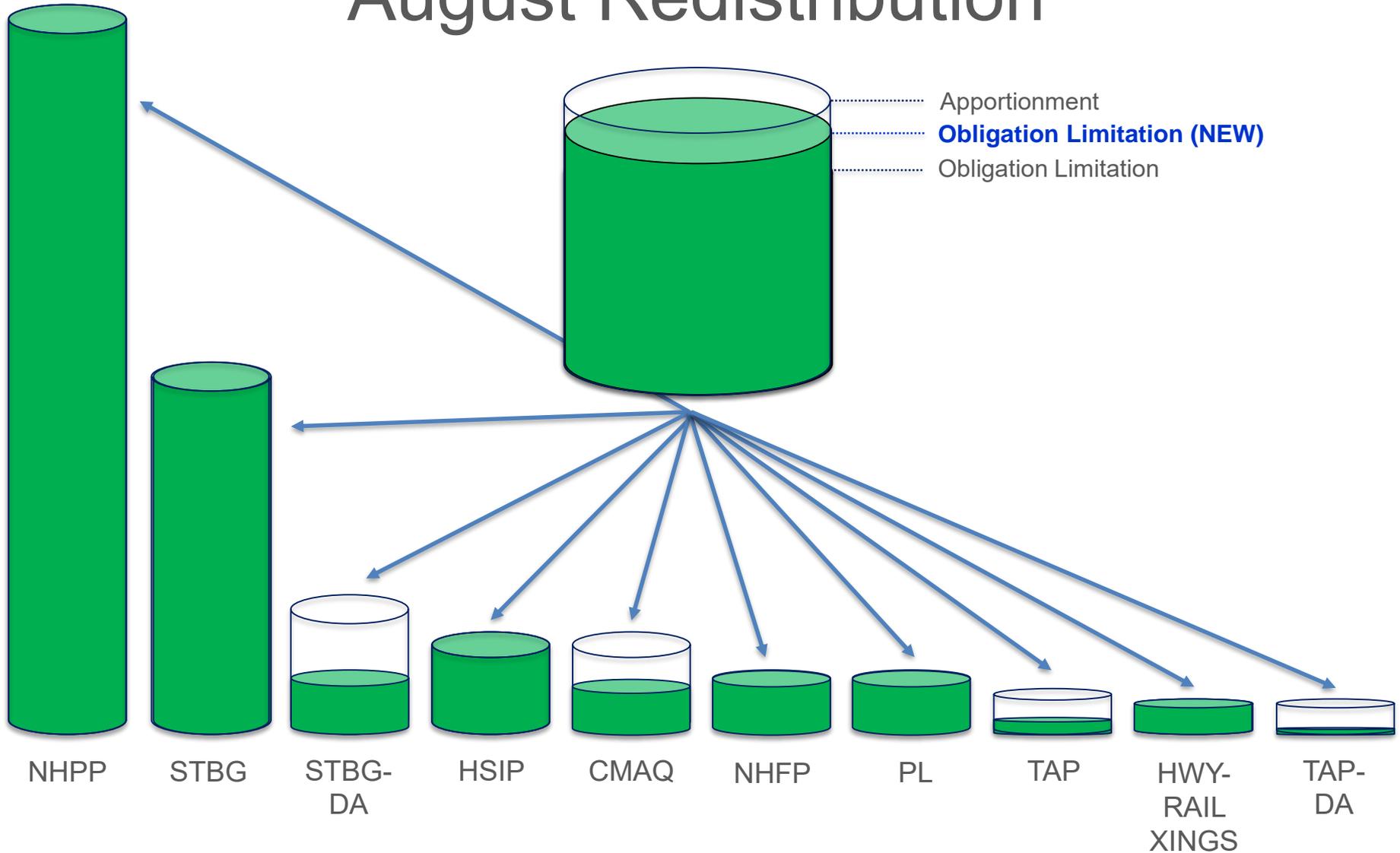
August Redistribution

- FHWA redistributes unused Obligation Authority (OA) amongst the States
- Additional OA allows States to obligate additional funds

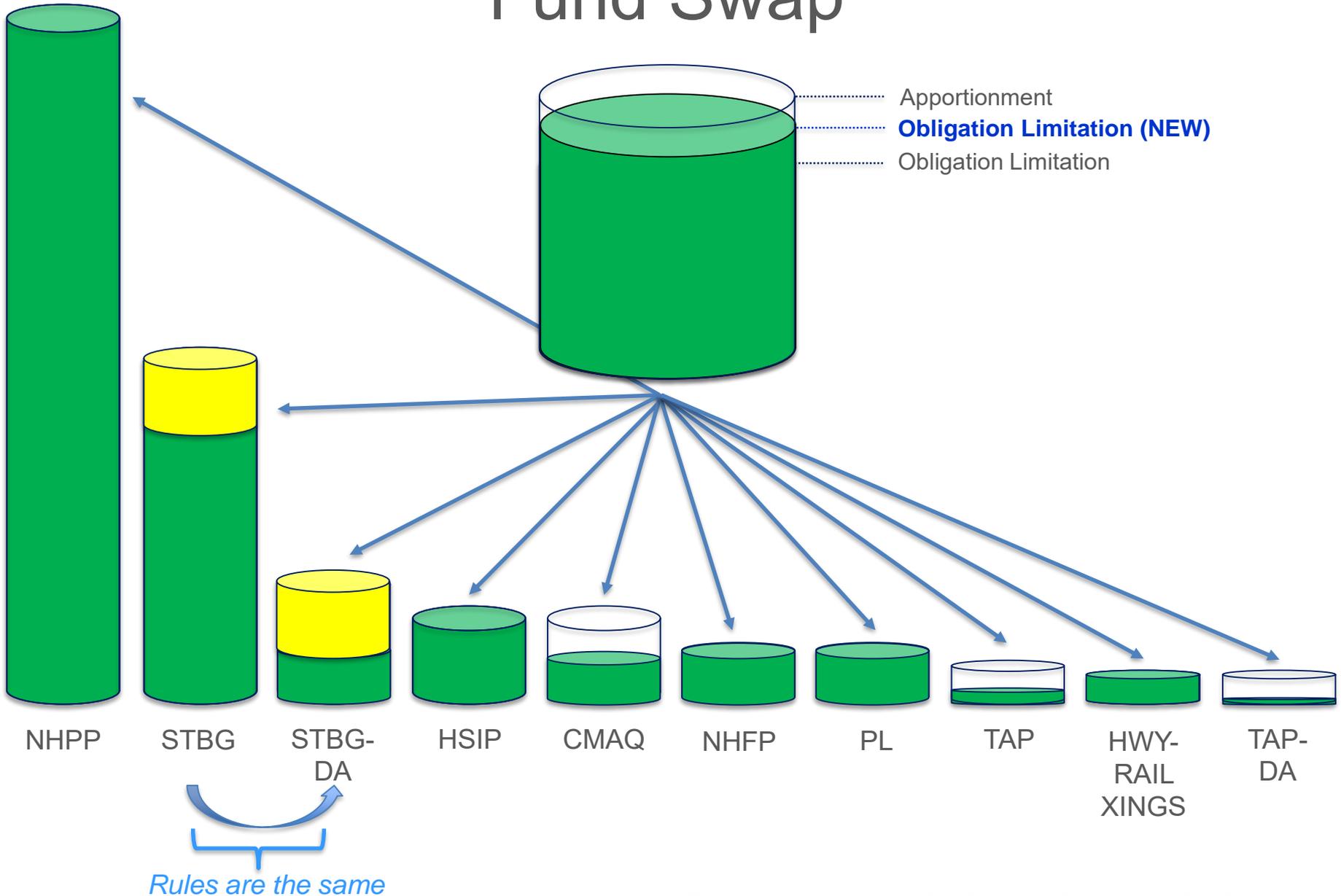
Requirements to receive August Redistribution:

1. Utilize all existing OA
2. Have additional projects ready to authorize by September 30th of the same year
3. Have apportionment in respective fund category for each project

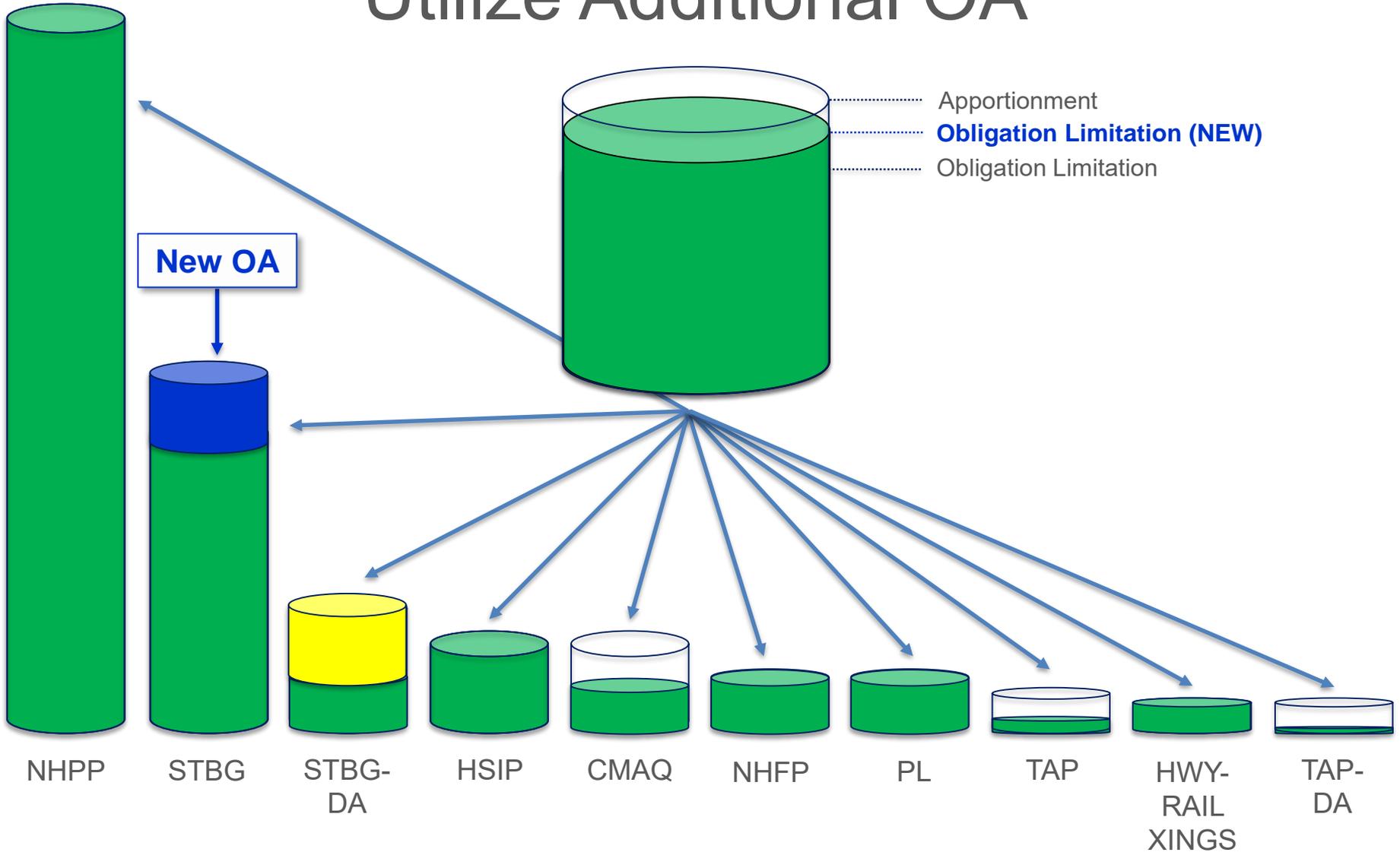
August Redistribution



Fund Swap



Utilize Additional OA



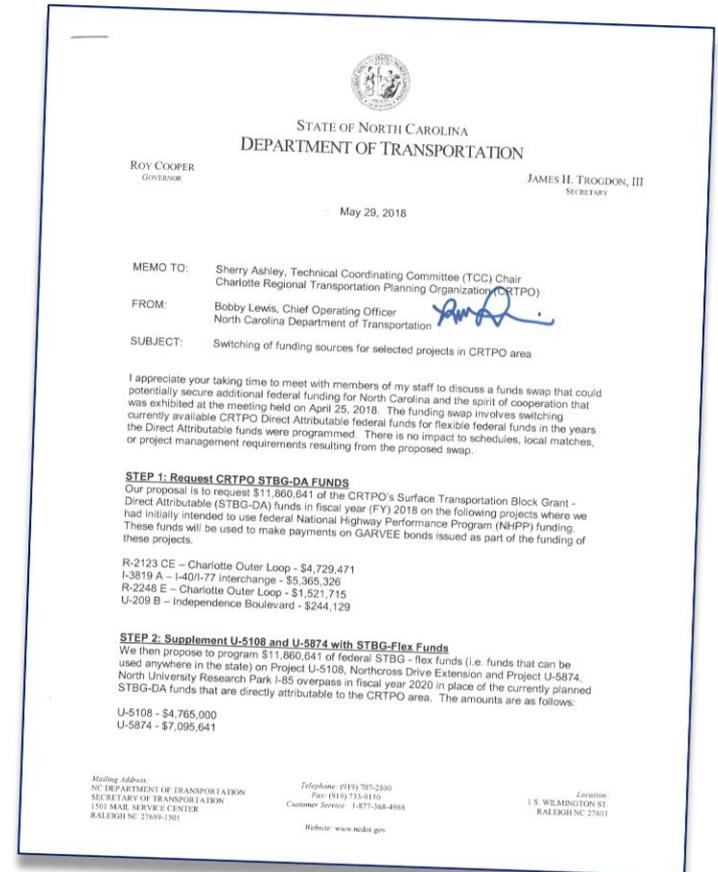
Asking MPOs to Help Maximize August Redistribution

Improve Their Delivery

Continue with STBG/STBG-DA Fund Swap

- Funds replaced when MPO has a project ready (STBG)
- Same rules for STBG & STBG-DA

Have projects ready to deliver after 2020 Rescission



Questions?



NORTH CAROLINA Department of Transportation



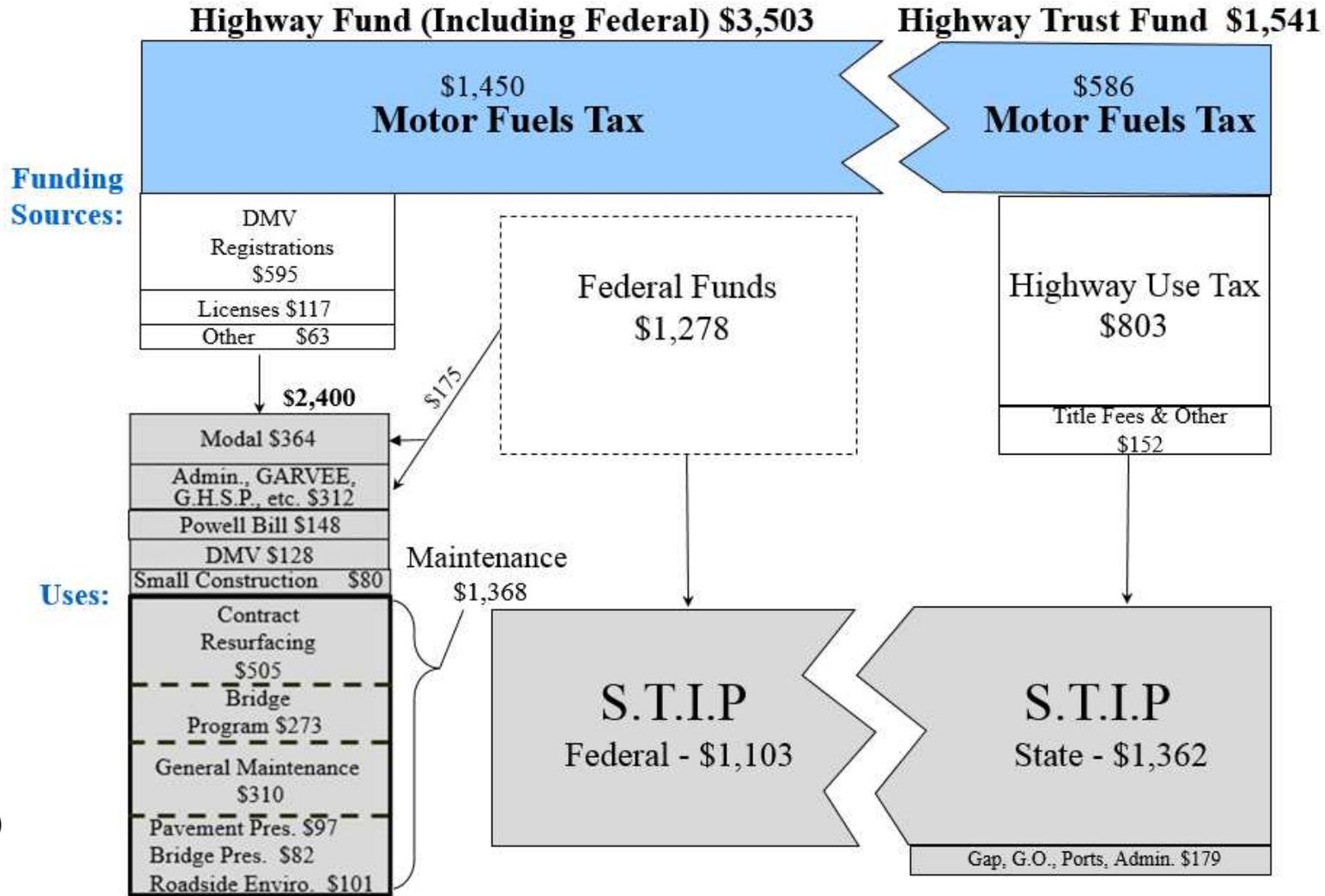
Financial Update

As of May 2019

Evan Rodewald, Chief Financial Officer

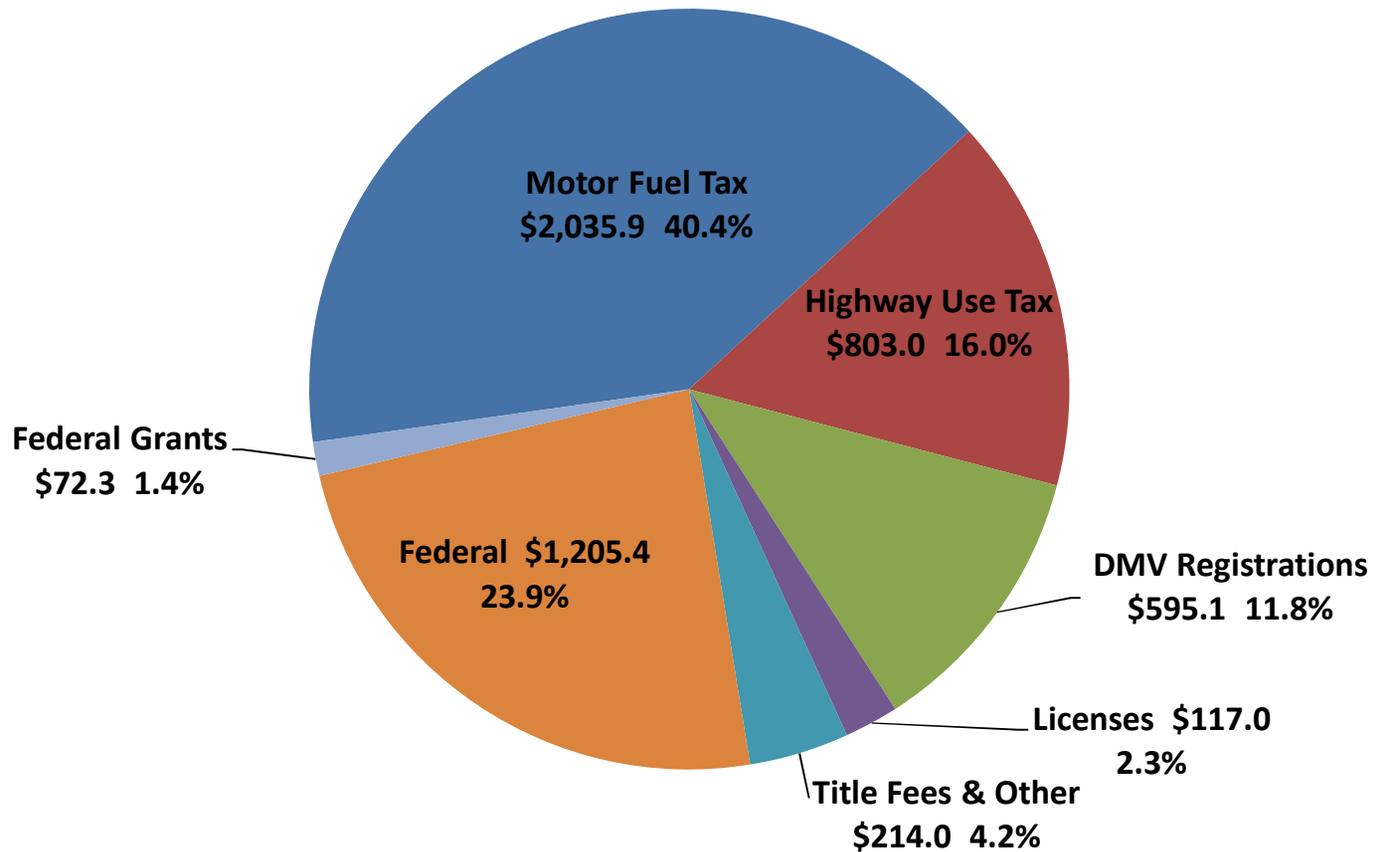
June 26, 2019

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



NCDOT Revenue Sources SFY2019 - \$5.0 Billion

(Excludes Receipt Supported Funding of \$0.1B)

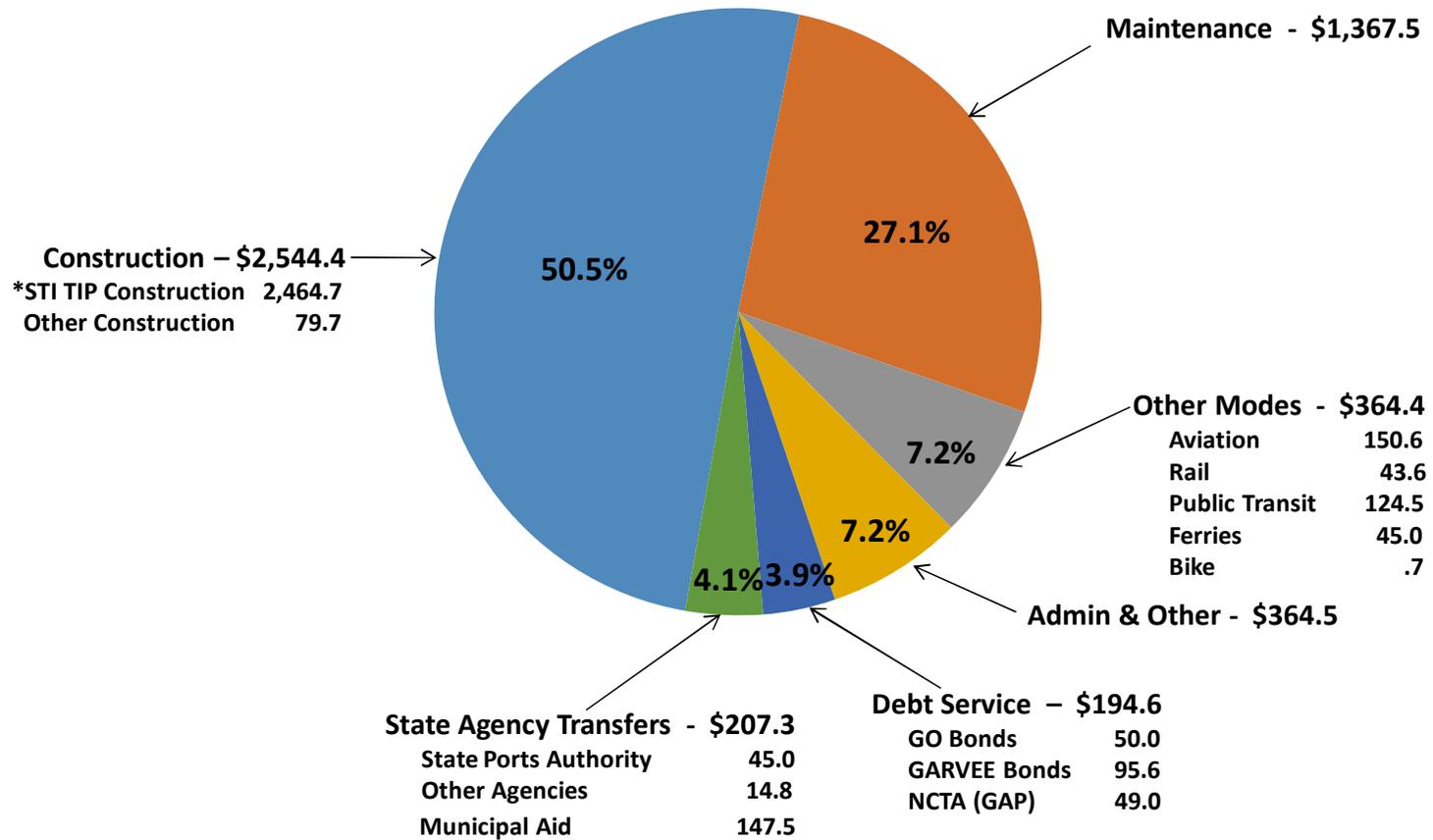


(\$ in millions)

Uses of 2018-19 NCDOT Appropriations

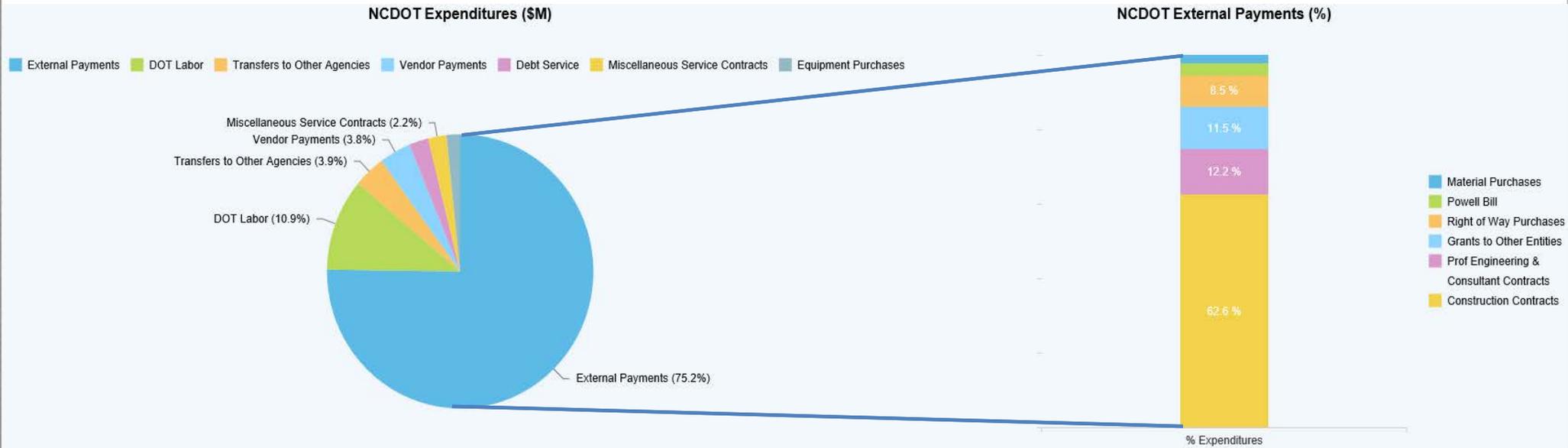
Total Funding = \$5.0 Billion

(Excludes Receipt Supported Funding of \$0.1B)



(\$ in millions)

NCDOT Expenditures SFY2019 as of May 31, 2019



Revenue Summary May 2019

(\$ in Millions)

	May 2019	May 2018	Year Over Year				2018-2019 SFY Budget	
			2018-2019 YTD Actual	2017-2018 YTD Actual	\$ Δ	% Δ	Annual Budget	%
State & Federal Collections*:								
State Highway Fund Revenues	\$ 195.7	\$ 205.6	\$ 2,071.1	\$ 1,981.4	\$ 89.7	5%	2,224.5	93%
State Highway Trust Fund Revenues	141.6	132.2	1,449.1	1,388.7	60.5	4%	1,540.5	94%
Total State Funds	337.3	337.8	3,520.2	3,370.1	150.2	4%	\$ 3,765.0	93%
Federal Funds/Participation	203.1	140.3	1,504.9	1,178.2	326.8	28%	1,277.7	118%
GARVEE Bond Proceeds	-	-	-	31.2	(31.2)		N/A	N/A
Total	\$ 540.4	\$ 478.1	\$ 5,025.2	\$ 4,579.4	\$ 445.7	10%	\$ 5,042.7	100%
	May 2019	May 2018	Year Over Year				SFY Budget	
			2018-2019 YTD Actual	2017-2018 YTD Actual	\$ Δ	% Δ	Annual Budget	%
Highway Fund & Trust Fund Details								
Motor Fuel Taxes	\$ 179.2	\$ 183.3	\$ 1,896.0	\$ 1,792.5	\$ 103.5	6%	\$ 2,035.9	93%
Highway Use Tax	74.1	70.1	762.3	721.8	40.5	6%	803.0	95%
DMV/Other Revenue	83.3	82.2	845.7	830.1	15.6	2%	913.1	93%
Investment Income	0.7	2.2	16.2	25.6	(9.4)	-37%	13.0	125%
Total Revenue	\$ 337.3	\$ 337.8	\$ 3,520.2	\$ 3,370.1	\$ 150.2	4%	\$ 3,765.0	93%

*Excludes NCTA Revenues

Expenditure Summary May 2019 (\$ in millions)

			Year Over Year				SFY Annual Budget	
	May-19	May-18	2018-2019 Actual	2017-2018 Actual	\$ Δ	% Δ	2018-2019 Budget	%
State & Federal Funded Programs:								
Construction	\$ 261.4	\$ 272.5	\$ 3,041.9	\$ 2,643.7	\$ 398.2	15%	\$ 2,544.4	120%
Maintenance	202.9	213.2	1,918.0	1,500.1	417.9	28%	1,367.5	140%
Other Modes	25.4	38.2	414.0	322.3	91.7	28%	364.4	114%
Administration/Other Programs	32.6	27.4	211.5	195.1	16.5	8%	364.5	58%
Debt Service (Including NCTA GAP funds)	31.8	32.2	194.6	196.7	(2.1)	-1%	194.6	100%
Municipal Aid	-	-	147.3	147.7	(0.3)	0%	147.5	100%
Transfers to Other Agencies	(28.5)	0.4	58.3	56.6	1.7	3%	59.8	98%
Total Expenditures*	\$ 525.6	\$ 583.8	\$ 5,985.8	\$ 5,062.3	\$ 923.5	18%	5,042.7	119%

**Excludes NCTA Expenditures*

Financial Update

SFYTD 2019 as compared SFYTD 2018

(\$ in millions)

	<u>May '19</u>	<u>May '18</u>	<u>YTD 2019</u>	<u>YTD 2018</u>	<u>\$ Change</u>
<u>Highway Fund & Highway Trust Fund</u>					
Collections	\$ 540	\$ 478	\$ 5,025	\$ 4,579	\$ 446
Expenditures	<u>526</u>	<u>584</u>	<u>5,986</u>	<u>5,062</u>	<u>924</u>
Net Change	\$ 14	\$ (106)	\$ (961)	\$ (483)	\$ (478)
<u>Cash Balances:</u>					
Highway Trust Fund			\$ 278	\$ 1,488	
Highway Fund*			<u>222</u>	<u>38</u>	
Totals			<u>\$ 500</u>	<u>\$ 1,526</u>	

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



**North Carolina Department of Transportation
 Transportation Program Management Unit - Value Management
 Innovative Technologies and Products Awareness Report
 June 26, 2019**



PRODUCT HIGHLIGHT – Heavy Vehicle Ingress/Egress Warning Systems



Solar Advanced Warning Ingress/Egress System with optional Yield Sign – image from SAWS

Two products are currently being used by NCDOT to notify the public of construction/heavy vehicles crossing construction zone intersections; the Solar Advanced Warning Systems - Ingress and Egress System (NP19-8941), and the Branz Technologies - Qlynx Trucks Entering Highway Warning System. Both are mobile systems that allow for detection of construction vehicles and notification to drivers of their presence at construction intersections, haul roads, and mining sites. The mobile systems use non-intrusive methods to detect a construction vehicle, and then notify oncoming traffic via a variety of warning lights and signs; while also notifying the construction vehicle driver of the intersection point ahead. The devices are solar powered and are equipped with both BlueTooth and WiFi capabilities for easy programming and notification to construction vehicles.

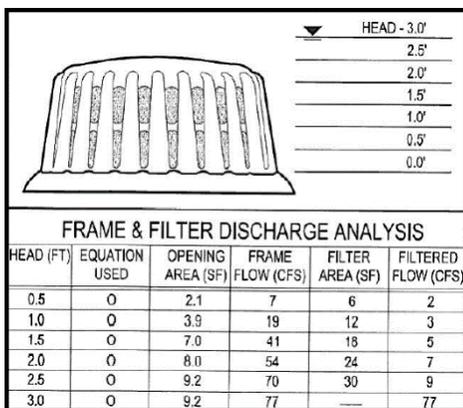
One of the devices is currently being used on a NCDOT project on I-40, south of I-440 (TIP: I-5111); while the other device has completed a field trial on I-95 and is in the process of being added to the Approved Products List.

For more information, please visit; www.sawsinc.net and www.branztech.com/



Solar Advanced Warning Ingress/Egress System with construction truck warning sign – image from SAWS

PRODUCT INNOVATION – Silt Saver Frame and Filter Assembly



Silt Saver with Round Base filter and discharge analysis – image from Silt-Saver, Inc.

The Silt Saver Frame and Filter Assembly (NP17-7853) is a cost-effective product that allows NCDOT and contractors to prevent debris from damaging or clogging the stormwater system. It also prevents excessive amounts of siltation from entering the stormwater system. The 2-staged design filter allows for 12 inches of filtration material on the bottom half, while providing for an appropriate amount of overflow protection with 12 inches of green mesh on the top. Typical lab tests demonstrate a continuous filtration rate of approximately 1200 GPM, for the standard model. The filter comes in either a round or square base design and can accommodate both standard and high-flow situations. The filter and frame are both reusable and can be moved easily to a new location upon completion of the project.



Example of Silt Saver with Round Base (standard flow) – image from Silt-Saver, Inc.

The Silt Saver is currently being used on several projects, including on I-85 north of Charlotte, NC (TIP: I-3802B), and I-85 north of Greenville, South Carolina.

For more information, please visit: <https://silt saver.com/>

Prioritization 6.0

Scoring Criteria, Weights, and Normalization for All Modes (with Criteria Definitions)

Recommended by the P6.0 Workgroup to the Board of Transportation on June 6, 2019

The purpose of this document is to outline the criteria, weights, and scoring process recommendations resulting from the P6.0 Workgroup in accordance with the Strategic Transportation Investments law. The goal is the understanding of each mode’s scoring within the overall Prioritization process, in order to achieve approval by the Board of Transportation.

Each mode is displayed with criteria and associated weights for the **Statewide Mobility**, **Regional Impact**, and **Division Needs** categories. Following the criteria and weights is a list of definitions for each criteria, specific to each mode.

Below is an example of how criteria (in any mode) are weighted to calculate a quantitative score, and how that score later combines with the Local Input to create a project’s total score.

Quantitative Score vs. Local Input				
Funding Category	QUANTITATIVE		LOCAL INPUT	
	Data		Division	MPO/RPO
Statewide Mobility	Criteria 1 = 30%	} 100%	--	--
	Criteria 2 = 25%			
	Criteria 3 = 15%			
	Criteria 4 = 10%			
	Criteria 5 = 15%			
	Criteria 6 = 5%			
Regional Impact	Criteria 1 = 20%	} 70%	15%	15%
	Criteria 2 = 20%			
	Criteria 3 = 10%			
	Criteria 4 = 10%			
	Criteria 5 = 10%			
Division Needs	Criteria 1 = 15%	} 50%	25%	25%
	Criteria 2 = 15%			
	Criteria 3 = 10%			
	Criteria 4 = 5%			
	Criteria 5 = 5%			

Highway Criteria & Weights

Mobility Projects (Roadway Widening, Intersection/Interchange Improvements, Access Management):

Statewide Mobility		Regional Impact		Division Needs	
30%	Congestion	20%	Benefit-Cost	15%	Benefit-Cost
25%	Benefit-Cost	20%	Congestion	15%	Congestion
25%	Freight	10%	Accessibility/Connectivity	10%	Safety
10%	Economic Competitiveness	10%	Freight	5%	Accessibility/Connectivity
10%	Safety	10%	Safety	5%	Freight

Modernization Projects (Modernize Roadway, Upgrade Freeway to Interstate):

Statewide Mobility		Regional Impact		Division Needs	
25%	Freight	25%	Safety	20%	Safety
25%	Safety	10%	Freight	10%	Pavement Condition
20%	Paved Shoulder Width	10%	Lane Width	10%	Paved Shoulder Width
10%	Congestion	10%	Pavement Condition	5%	Freight
10%	Lane Width	10%	Paved Shoulder Width	5%	Lane Width
10%	Pavement Condition	5%	Congestion		

Congestion: Measurement of the traffic volume (accounting for seasonal traffic) on the roadway compared to the existing capacity of the roadway, weighted by the traffic volume (accounting for seasonal traffic) along the roadway.

Benefit/Cost: Measurement of travel time savings and safety benefits the project is expected to provide over 10 years compared to the cost of the project to NCDOT, and the amount of other/local funds compared to the total project cost.

Freight: Measurement of truck volume and truck percentage of total traffic on the roadway, and the degree the project is helping to complete a future interstate corridor (if applicable).

Safety: Measurement of the existing severity, frequency, and rate of crashes along the roadway and the safety benefits the project is expected to provide over 10 years.

Economic Competitiveness: Measurement of the estimated percent change in economic activity within the county and the percent change in the number of long term jobs that the project is expected to provide over 10 years.

Accessibility/Connectivity: Measurement of county economic distress indicators and the degree the project upgrades mobility of the roadway, with the goal of improving access to opportunity in rural and less-affluent areas and improving interconnectivity of the transportation network.

Lane Width: Measurement of lane width deficiencies compared to the NCDOT standard for each roadway facility type.

Paved Shoulder Width: Measurement of paved shoulder width deficiencies compared to the NCDOT standard for each roadway facility type.

Pavement Condition: Measurement of overall pavement condition using the NCDOT's pavement condition rating (PCR).

Aviation Criteria & Weights

Statewide Mobility		Regional Impact		Division Needs	
40%	NCDOA Project Rating	30%	NCDOA Project Rating	25%	NCDOA Project Rating
30%	FAA ACIP Rating	15%	Benefit/Cost	10%	Benefit/Cost
20%	Benefit/Cost	15%	FAA ACIP Rating	10%	FAA ACIP Rating
10%	Constructability Index	10%	Constructability Index	5%	Constructability Index

NCDOA Project Rating: Scores projects based on project categories within the NC Airports System Plan, developed by the NCDOT Division of Aviation (DOA). Points are assigned based on priority and need of the project.

FAA ACIP Rating: Scores projects based on ratings within the Federal Aviation Administration (FAA) Airport Capital Improvement Plan (ACIP). Ratings are based on critical airport development and capital needs for the National Airspace System (NAS).

Constructability Index: Scores projects based on various measures of a project's readiness for construction.

Benefit/Cost: Measurement of a project's total economic contribution compared to the cost of the project to NCDOT, and the amount of other/local funds compared to the total project cost.

Bicycle/Pedestrian Criteria & Weights

Statewide Mobility	Regional Impact	Division Needs	
(not eligible)	(not eligible)	20%	Safety
		15%	Accessibility/Connectivity
		10%	Demand/Density
		5%	Cost Effectiveness

Safety: Measurement of the number of bicycle and pedestrian crashes, severity of the crashes, crash risk based on existing surroundings, and safety benefit the project is expected to provide.

Accessibility/Connectivity: Measurement of the quantity of destinations near the project, the quantity of connections to existing or planned bicycle/pedestrian facilities, and whether the project improves or connects to a designated bicycle route.

Demand/Density: Measurement of the population and employment density within a walkable or bikeable distance of the project.

Cost Effectiveness: Measurement of total Safety, Accessibility/Connectivity, and Demand/Density criteria scores compared to the cost of the project to NCDOT.

Ferry Criteria & Weights

Statewide Mobility	Regional Impact		Division Needs	
(not eligible)	20%	Capacity/Congestion	15%	Asset Condition
	15%	Asset Condition	15%	Asset Efficiency
	15%	Asset Efficiency	10%	Accessibility/Connectivity
	10%	Accessibility/Connectivity	10%	Benefits
	10%	Benefits		

Capacity/Congestion: Measurement of the number of vehicles left behind at each departure compared to the total number of vehicles loaded and carried by the route.

Asset Condition: Measurement of the asset condition rating by the NCDOT Ferry Division.

Asset Efficiency: Measurement of the cost effectiveness of continued maintenance of the asset compared to replacement of the asset.

Benefits: Measurement of the monetized value of the number of hours saved by utilizing the ferry route instead of taking the shortest alternative roadway route.

Accessibility/Connectivity: Measurement of the number of jobs, services, and other points of interest near the project.

Public Transportation Criteria & Weights (Mobility Projects)

Statewide Mobility	Regional Impact		Division Needs	
(not eligible)	25%	Cost Effectiveness	20%	Cost Effectiveness
	20%	Demand/Density	10%	Demand/Density
	15%	Impact	10%	Efficiency
	10%	Efficiency	10%	Impact

Impact: Measurement of the trips generated and relieved by the project in 10 years.

Demand/Density: Measurement of the total trips along the project route in 10 years compared to the service area population for the project route.

Efficiency: Measurement of the total trips along the project route in 10 years compared to the total revenue seat hours of the project route in 10 years.

Cost Effectiveness: Measurement of the trips generated by the project in 10 years compared to the cost of the project to NCDOT (annualized by the lifespan of the project).

Public Transportation Criteria & Weights (Demand Response Projects)

Statewide Mobility	Regional Impact		Division Needs	
(not eligible)	25%	Cost Effectiveness	15%	Cost Effectiveness
	20%	Demand/Density	15%	Demand/Density
	15%	Efficiency	10%	Efficiency
	10%	Impact	10%	Impact

Impact: Measurement of the trips generated by the project in 10 years.

Demand/Density: Measurement of the total operating hours of the system in 10 years compared to the service area population for the system.

Efficiency: Measurement of the number of vehicles in maximum service by the system compared to the total number of vehicles in the fleet (utilization ratio).

Cost Effectiveness: Measurement of the trips generated by the project in 10 years compared to the cost of the project to NCDOT (annualized by the lifespan of the project).

Public Transportation Criteria & Weights (Facility Projects)

Statewide Mobility	Regional Impact	Division Needs	
(not eligible)	(not eligible)	15%	Cost Effectiveness
		15%	Impact
		10%	Demand/Density
		10%	Efficiency

Impact: Measurement of the trips generated by the project in 10 years.

Demand/Density: Growth trend of ridership for the system over the previous 5 years.

Efficiency: Measurement of the total trips at the facility with the project in place (passenger facilities), the square footage per employee (administrative facilities), or the number of vehicles per bay (maintenance facilities).

Cost Effectiveness: Measurement of the trips generated by the project in 10 years compared to the cost of the project to NCDOT (annualized by the lifespan of the project).

Rail Criteria & Weights

Statewide Mobility		Regional Impact		Division Needs	
35%	Benefit-Cost	25%	Benefit-Cost	15%	System Opportunities
30%	Safety	15%	Safety	10%	Benefit-Cost
15%	System Opportunities	10%	Capacity and Diversion	10%	Capacity and Diversion
10%	Capacity and Diversion	10%	Economic Competitiveness	10%	Safety
10%	Economic Competitiveness	10%	System Opportunities	5%	Economic Competitiveness

Benefit-Cost: Measurement of monetized benefits compared to the cost of the project to NCDOT, and the amount of other/local funds compared to the total project cost.

Safety: Measurement of crash potential at highway/rail crossings, based on the NCDOT Rail Division's Investigative Index.

System Opportunities: Measurement of the project's degree of access to industrial/commercial development or nearby points of interest, and the degree of interaction between Rail and other modes.

Capacity and Diversion: Measurement of train volume compared to track capacity, and the amount of freight and/or passenger volumes diverted off highways by the project.

Economic Competitiveness: Measurement of the estimated number of full time jobs created in 20 years.

Normalization in P6.0

- **Statewide Mobility** (only) – No normalization, scores are stand-alone for comparison (Highway, Aviation, and Freight Rail eligible projects)
- **Regional Impact & Division Needs** – Allocate funds to Highway and Non-Highway modes based on minimum percentages (shown below)

Mode	Statewide Mobility	Regional Impact	Division Needs
Highway	No Normalization	90% minimum (Region competition)	90% minimum (Division competition)
Non-Highway		4% minimum (Statewide competition)	4% minimum (Division competition)
Flex (All Modes)		6% (Region competition)	6% (Division competition)

Committed Projects – Not subject to re-evaluation in P6.0

- First Right-of-Way (ROW) OR Construction (CON) date in 2020-2025 based on Final 2020-2029 STIP (first 6 years of STIP)

Carryover Projects – Automatically carry over from P5.0 for evaluation in P6.0

Project must meet at least one of the following criteria:

- Programmed in the Final 2020-2029 STIP, but not considered a Committed Project
- Sibling of a programmed project (where unfunded limits are included in a single NEPA/SEPA document)
- Project has a NEPA/SEPA document completed within the last 10 years (2009-2018) or the NEPA/SEPA document is actively being worked on (with scoping meeting completed by 12/31/2018)

Number of Project Submittals for Each Mode

MPOs and RPOs:

- Base of 12 submittals, plus:
 - + One additional submittal for every 50,000 in population
 - + One additional submittal for every 500 centerline miles

NCDOT Divisions:

- 14 submittals each

All submittals must be coordinated with associated MPOs, RPOs, and Divisions.

Number of Local Input Points for Regional Impact and Division Needs Categories

Number of Points per Area:

- Base of 1,000 points, plus:
 - + 100 additional points for every next 50,000 in population
- Maximum 2,500 points per area
- Same allocation of points for Regional Impact and Division Needs categories
- 100 point max per project per category
- Flex Policy (new in P6.0): up to 500 points (half of base allotment) can be transferred between Regional Impact and Division Needs within an organization



ECONOMIC DEVELOPMENT AND INTERGOVERNMENTAL RELATIONS (EDIR) COMMITTEE - MEETING MINUTES

DATE: 4/3/19 TIME: 2:00 PM LOCATION: Board Room 150

MEETING CALLED BY	Chairman Hugh Overholt called the meeting to order.
BOARD ATTENDEES	Chairman Hugh Overholt, Vice Chairman Sam Bowles, Valerie Jordan, Andrew Perkins, Thomas Taft, Cullie Tarleton, Gus Tulloss

AGENDA TOPICS

1. CALL TO ORDER AND APPROVAL OF NOVEMBER 7, 2018 MINUTES - CHAIRMAN HUGH OVERHOLT	
DISCUSSION SUMMARY	Chairman Overholt called the meeting to order at 2:05 PM.
ACTIONS TAKEN	Chairman Overholt asked for a motion to approve the November 7, 2018 EDIR Committee Meeting Minutes as published. Cullie Tarleton made the motion to approve the Minutes. The motion was seconded by Andrew Perkins and approved unanimously by the Committee.

2. OPENING REMARKS / INTRODUCTION OF GUESTS - CHAIRMAN HUGH OVERHOLT	
DISCUSSION SUMMARY	<p>Chairman Overholt reviewed the economic impact of the military in North Carolina, \$70 Billion, which is outpaced only by Agriculture. He emphasized that maintaining military bases and keeping them here is important.</p> <p>Chairman Overholt introduced three leaders from the Fleet Readiness Center East to make a presentation about their operation in Havelock which is co-located with Marine Corps Air Station Cherry Point:</p> <ul style="list-style-type: none"> • Commanding Officer, Colonel Clarence T. Harper III, USMC • Executive Officer, Captain Mark E. Nieto, USN • Executive Director, Mr. James E. Ogburn
ACTIONS TAKEN	No action taken.



ECONOMIC DEVELOPMENT AND INTERGOVERNMENTAL RELATIONS (EDIR) COMMITTEE - MEETING MINUTES

3. FLEET READINESS CENTER EAST (FRCE) - COLONEL CLARENCE T. HARPER III, USMC CAPTAIN MARK E. NIETO, USN MR. JAMES E. OGBURN	
DISCUSSION SUMMARY	<p>Mr. Ogburn and Captain Nieto provided an overview of the Fleet Readiness Center East, its contribution to national security, and its relationship with the community. Key Points:</p> <ul style="list-style-type: none"> • International military competition has increased which is of interest to FRCE as the primary aviation sustainment service for Marine Corps aviation. • FRCE performs maintenance, repair, overhaul, and lifecycle sustainment services on myriad airframes. • FRCE is North Carolina's largest industrial employer East of Interstate 95. • A healthy transportation infrastructure is key to supporting operations. • Hurricane Florence impacted people, revenue and facilities at FRCE. The cost of repairs to facilities will require a supplemental appropriation. • FRCE is exploring the use of facilities at the Global Transpark if there is a need for additional capacity. • Facility and equipment health as well as planning for future growth of the F-35B and F-35C work program is a challenge FRCE is preparing for. • Competition for military facilities is significant. The technical expertise of the workforce at FRCE and the support of the community are tremendous assets.
ACTIONS TAKEN	<p>No action taken.</p>

4. TRANSPORTATION IMPROVEMENTS SUPPORTING CHERRY POINT MCAS - PRESTON HUNTER, PE, DIVISION 2 ENGINEER	
DISCUSSION SUMMARY	<p>Chairman Overholt invited Preston Hunter to provide an overview of improvements that have been made or are planned that will benefit the military base at Cherry Point and the surrounding community. Mr. Hunter began by reviewing the location of key installation access points, including the back gate at Slocum Road and US 70, the main gate at Roosevelt Boulevard and NC 101, and a secondary gate at Cunningham Boulevard and NC 101. Improvements include.</p> <ul style="list-style-type: none"> • Addition of a flyover and other enhancements on US 70 at the Slocum gate are due to be completed in the Fall and will improve mobility. • A three mile section of NC 101 (Fontana Boulevard) and Miller Boulevard will be upgraded to four lane divided with turn lanes and other intersection improvements. Right of way acquisition is scheduled to begin in FY 2020 and construction in FY 2022.



ECONOMIC DEVELOPMENT AND INTERGOVERNMENTAL RELATIONS (EDIR) COMMITTEE - MEETING MINUTES

	<ul style="list-style-type: none"> • The ten mile Havelock Bypass will be constructed with four lanes and a median. Expected completion is in Spring of 2024. • A variety of other regional improvements are in work on US 17 from Jacksonville to New Bern. • US 70 is designated as a future interstate from Raleigh to the Port of Morehead City which will link Cherry Point Marine Corps Air Station and Seymour Johnson Air Force Base to the interstate system.
ACTIONS TAKEN	No action taken.

5. COMMITTEE DISCUSSION - CHAIRMAN HUGH OVERHOLT	
DISCUSSION SUMMARY	<p>Chairman Overholt invited Havelock Mayor Will Lewis to say a few words:</p> <ul style="list-style-type: none"> • The \$5 million grant that Governor Cooper presented to Colonel Harper today to contribute to the F-35B Lift Fan Test Facility represents a historic achievement born of tremendous collaboration. • "Thank You" for the road improvements at the Slocum Gate which will improve traffic flow and enhance safety for the thousands of Marines, artisans, engineers and logisticians that work at Cherry Point.
ACTIONS TAKEN	No action taken.

Meeting Adjourned: 3:22 PM



ECONOMIC DEVELOPMENT AND INTERGOVERNMENTAL RELATIONS (EDIR) COMMITTEE - AGENDA

BOARD OF TRANSPORTATION JUNE 26, 2019

TIME: 2:10 PM

LOCATION: Room 150

TOPIC	PRESENTER	TIME
Call to Order Roll Call Declaration of Quorum Approval of April 3, 2019 Minutes	Hugh Overholt, Chair	5 minutes
Opening Remarks / Introduction of Guests	Hugh Overholt, Chair	5 minutes
Rail Network Improvements Supporting North Carolina's Economy	Eddie McFalls, Strategic Initiatives Consultant, NCDOT Rail Division	25 minutes
North Carolina Ports	Brian Clark, Chief Operating Officer, NC Ports	25 minutes
Committee Discussion and Planning	Hugh Overholt, Chair	30 minutes
Adjourn	All	Adjourn



**As we get bigger, the world
gets smaller.**

North Carolina Ports Fast Facts

- Two locations serving the Carolinas
 - Over 5,000 container gate moves per week
 - Over 4 million tons of general cargo per year
 - 965 ship calls a year
- Directly employ 210
 - Indirectly an additional 27,600
- Financial summary
 - Annual revenue \$50 million
 - Annual cash generation \$14 million
 - Profit \$4.1 million

Performance Highlights

Wilmington Container Business

- Record FY18 – increased container volume 38% over FY17
- Refrigerated Containers tripled '14 –'18
- *2018 Top 25 North American Container Ports – Exports and Total Trade

12 Shipping Carriers calling Wilmington vs. 6 in '14
45 port combinations vs. 12 in '14

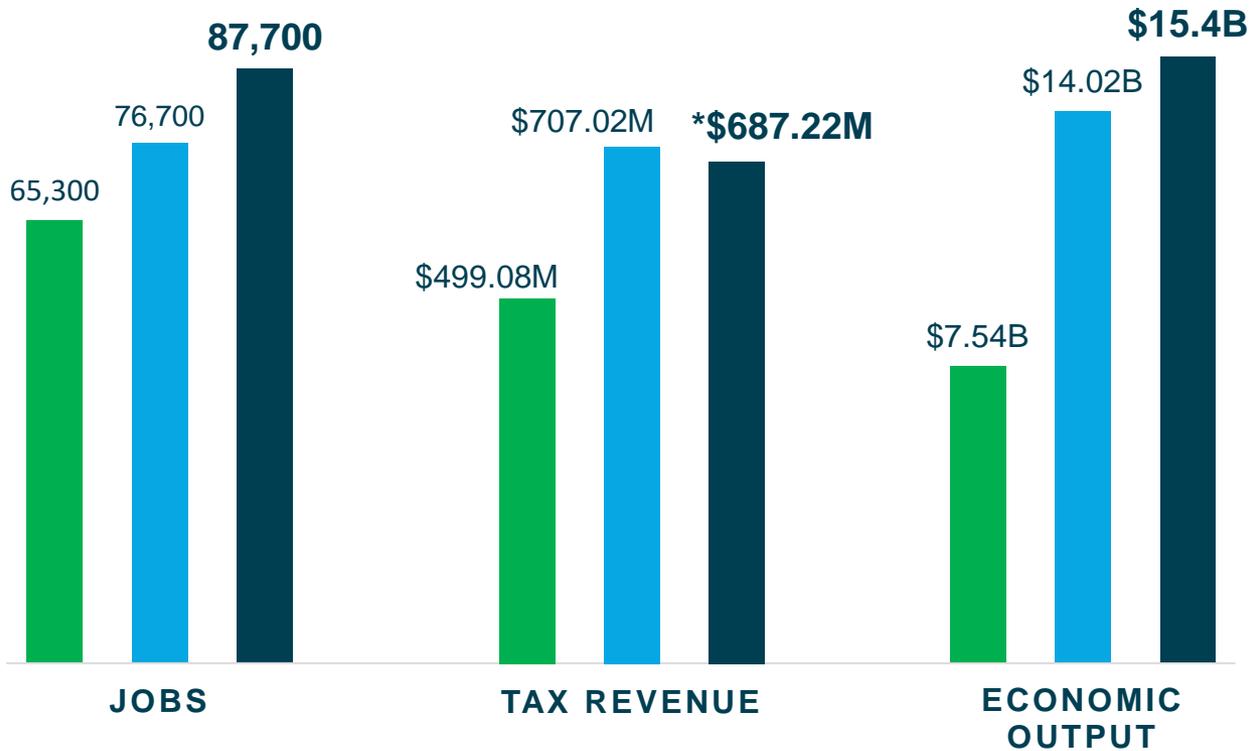
Morehead City General Cargo

- Record FY18 – increased general cargo volume 20% over FY17
- Annual Tons up ~75% from '14 –'18

**Information provided by Journal of Commerce*

Ports Support North Carolina

■ 2011 Study ■ 2014 Study ■ 2018 Study



Economic Contribution of the North Carolina Ports
Institute for Transportation Research and Education, N.C. State University

Port of Morehead City



Liebherr LPS 420 rail-mounted gantry crane to arrive summer 2019

- **Bulk, breakbulk and Ro/Ro**
- 128 acres, plus an additional 150 acres on Radio Island
- Navigation channel: 45 ft.
- 9 Berths with 5,366 ft. of wharf frontage
- More than 1 million sq. ft. of storage space
- Rail served by Norfolk Southern
- Routinely service military cargo vessels (26 in CY18)

Port of Wilmington

- Containers, bulk, breakbulk and Ro/Ro
- 284 acres
- Navigation channel: 42 ft.
- Accommodate 1,165 ft. LOA & 158 ft. beam vessels
- On dock intermodal rail (CSX)
- 1 million sq. ft. of covered storage & 125 acres of open storage
- NC Ports employees perform terminal operations



How Do We Compete?

SAFE, *FAST* & EFFICIENT OPERATIONS

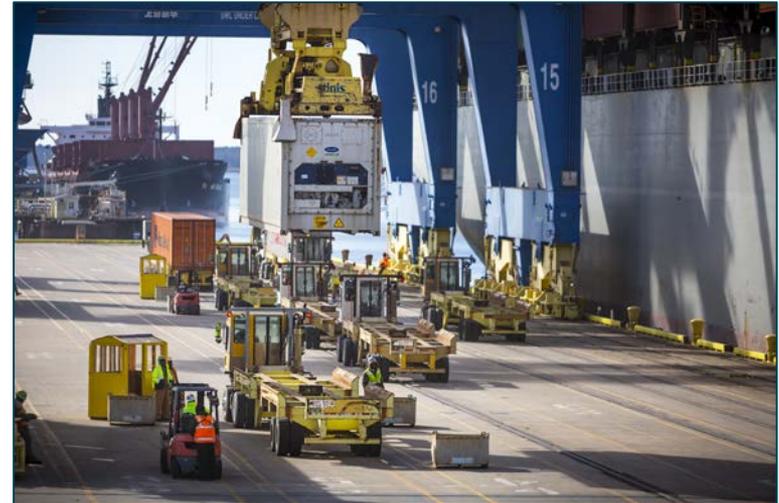
Vessel productivity

- Last 12 month average: 40 net crane moves/hr.

Gate turn time productivity

- Last 12 month dual truck turn time: 32 minutes
- Last 12 month single truck turn time: 19 minutes
- Best terminal rates on U.S. East Coast; flexible contract terms
- Port of Wilmington gateway delivers millions of dollars in lower truck costs
- Superior customer service

Best operational performance on the East and Gulf coasts



Container Shipping Specifications



Length: 1,145-1,200 ft (366+ m)
Beam: 161-170 ft (49-52 m)
Designed Draft: 45-50 ft (13-15 m)



Length: 984-1,100 ft (300-335 m)
Beam: 158-161 ft (48-49 m)
Designed Draft: 41-48 ft (12-14m)



Length: 965-984 ft (294-300 m)
Beam: 141 ft (43 m)
Designed Draft: 41-45 ft (12 -14 m)



Length: 951-965 ft (290-294 m)
Beam: 105 ft (32 m)
Designed Draft: 41 ft (12.5 m)

Port of Wilmington = Big Ship Ready



ZIM Kota Pekarang
12,000 TEUs
1,083 ft. x 158 ft.

Capital Improvement: 14,000 TEU Vessel



\$250 million total capital improvement plan

- Turning Basin to 1,500 ft. – Phase II (Underway)
- Berth expansions – Berth 7– (Underway)
- Feasibility Study – navigational (Underway)
- 3 neo-Panamax Cranes
- Container Yard Expansion Master Plan (Underway)
- Expanded yard capacity with additional new equipment
- Increased speed and efficiency of loading/unloading



NC Ports Rail Strategy

- Partner with NCDOT Rail Division
- In Wilmington, Intermodal Containers and Grow New Business
 - Queen City Express
 - Rail Improvement Study
 - Enviva Wood Pellets
- In Morehead City, Transload and Grow New Business
 - Pilot Rail / Organic Grain 2018



A train carrying soybean meal from the Midwest sits at the N.C. Port of Morehead City rail yard, waiting to unload its contents into a vessel bound for Romania. (Bethany Welch photo)

NC Ports – NCDOT Partnership

Year	Location	Grant	NC Ports Project Title	Partner Match	NC/Port Match	Other Partner	Total Program
2014	MHC	NCDOT FR&RCSI	Transload Equipment	\$177,750	\$177,750		\$355,500
2017	MHC	NCDOT FR&RCSI	West Lead Track Renovation	\$350,000	\$350,000		\$700,000
2014	WIL	NCDOT FR&RCSI	Interchange Track and T2	\$711,047	\$804,953		\$1,516,000
2015	WIL	NCDOT FR&RCSI	Enviva Rail Improvements	\$401,125	\$358,125	\$43,000	\$802,250
2016	WIL	NCDOT FR&RCSI	Rail Storage Track 12 and 13	\$349,350	\$349,350	\$698,700	\$1,397,400
2017	WIL	NCDOT CMAQ	Queen City Express Subsidy	\$1,203,996	\$300,998		\$1,504,994
2017	WIL	NCDOT SIAP	Track 1 and 18	\$625,272	\$312,636	\$312,636	\$1,250,544
2019	WIL	NCDOT FR&RCSI	CIT Paving	\$1,630,000	\$1,620,000		\$3,250,000
2019	WIL	NCDOT CMAQ	Queen City Express Subsidy	\$3,292,754	\$823,189		\$4,115,943
							\$14,892,631

Infrastructure Recommendations On and Off Port Property

1. Container Yard improvements
2. General Terminal Rail Improvements
3. Beltline Rail Improvements (Safety and Velocity)



QUEEN CITY EXPRESS

Rail service moving double-stacked containers directly from the Port of Wilmington to the CSX Intermodal Terminal in Charlotte, NC

Off the Ship



Immediate discharge to Intermodal On-dock Rail

In Transit



1 Day Transit

Available Next Day

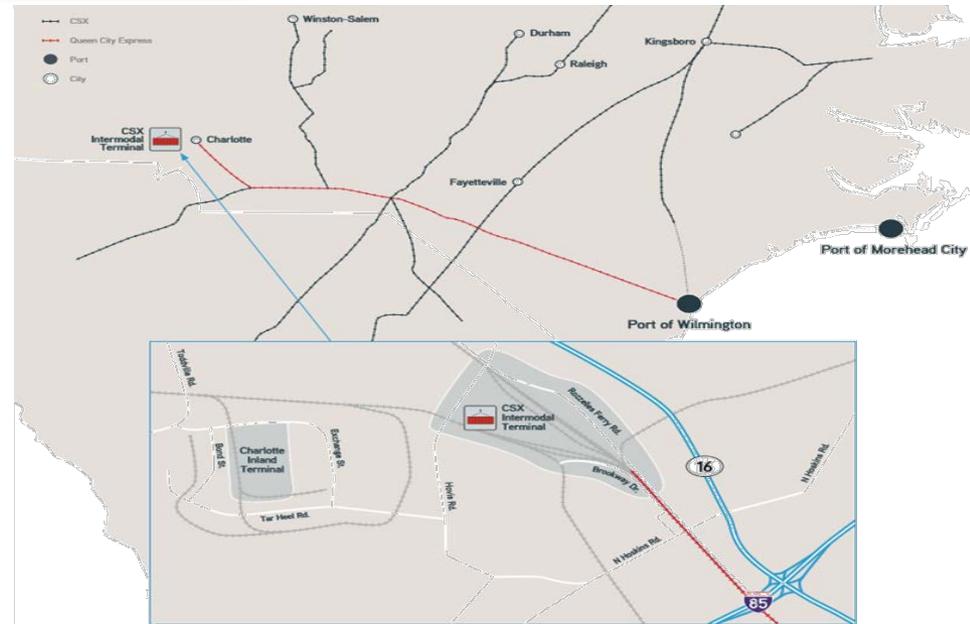


Available for pick up at CSX Ramp or Charlotte Inland Terminal

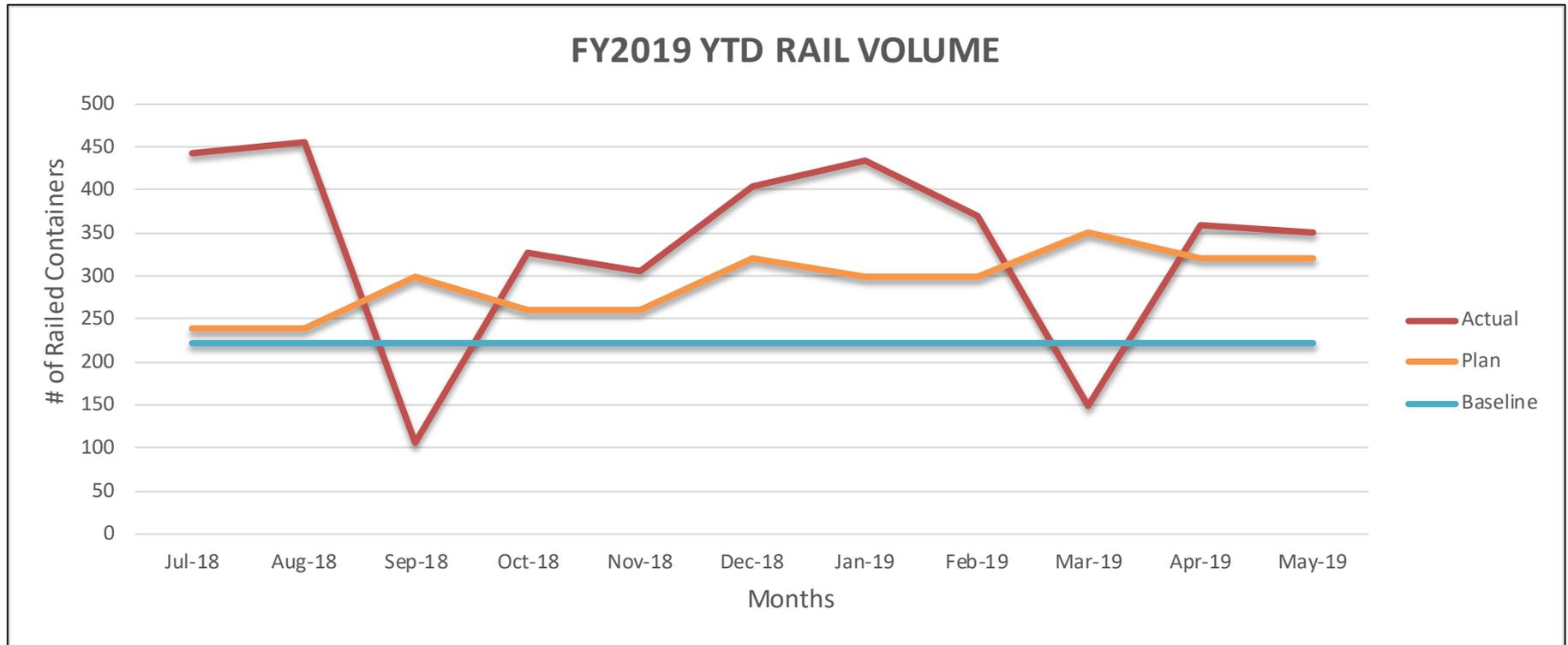
New and Improved!
NEXT DAY service starting 7/1/19

Product Advantages

- Daily service independent of vessel performance
- Lowers transportation costs for businesses
- Shortens first and last mile truck transit
- No dwell time at Port of Wilmington or Charlotte Intermodal Terminal (CIT)
- Flexible staging and access at CIT



QCE FY 2019 Volume Overview



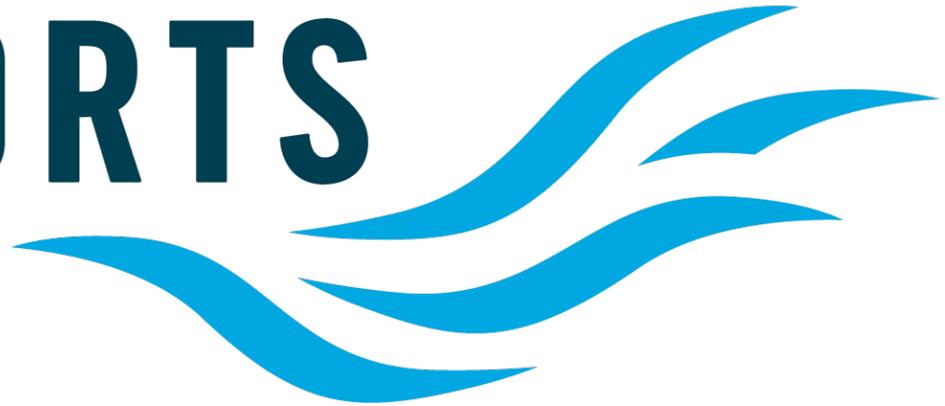
- Container rail volume as of May 2019 is 115.4% of plan
 - Actual: 3,703
 - Plan: 3,210

Strategic Seaports

- Commitment to the Department of Defense to support the deployment of the Armed Forces of the US to promote national defense.



**NORTH
CAROLINA
PORTS**





NORTH CAROLINA

Department of Transportation



Rail Network Improvements Supporting North Carolina's Economy

Eddie McFalls, P.E.
Strategic Planning
NCDOT Rail Division

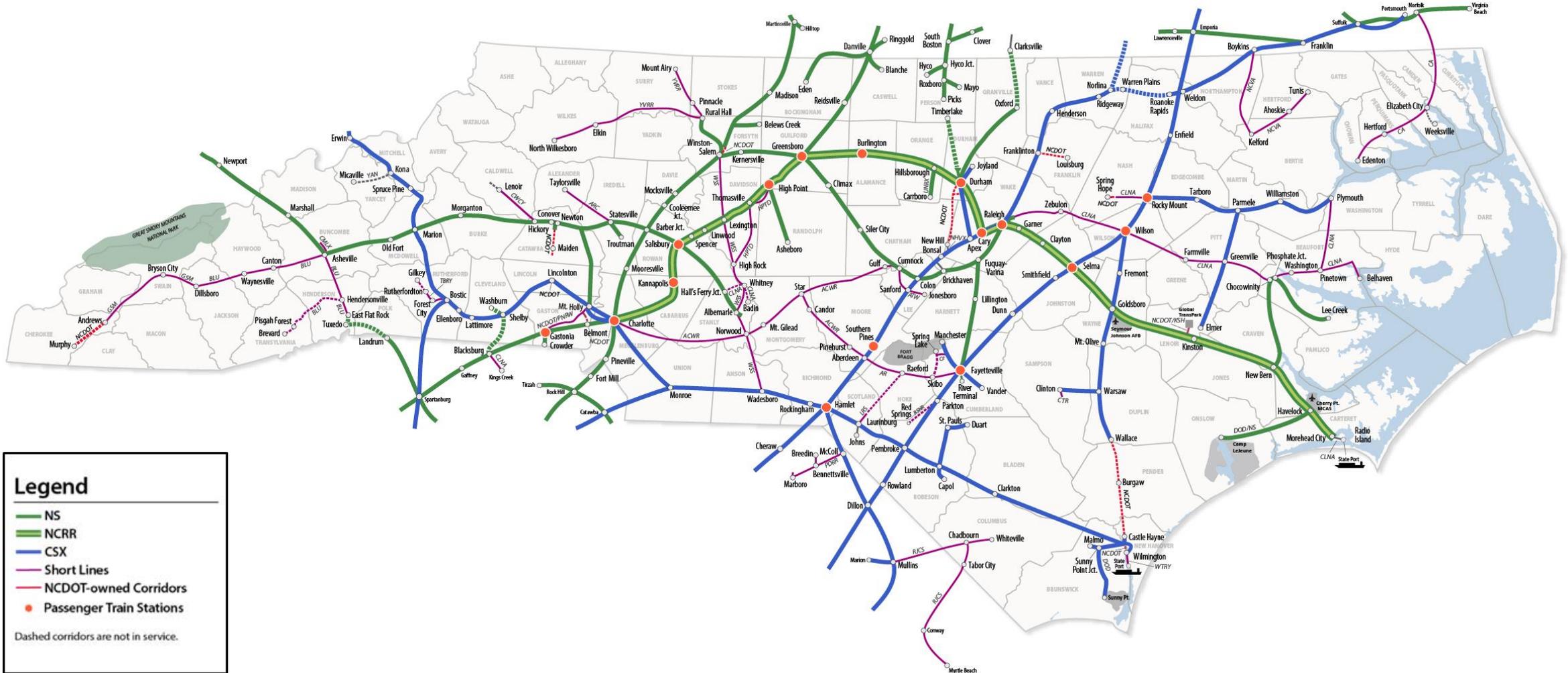
June 26, 2019

Rail Network Improvements Supporting North Carolina's Economy

- Evolving Rail Network in NC
- Queen City Express
- Improvements to the Charlotte to Wilmington Corridor
- Federal Railroad Administration (FRA) CRISI Grant Awards
 - Wilmington Beltline Improvements
 - Wilmington Rail Realignment
- Freight Rail and Rail Crossing Improvement Fund Projects
 - Ports
 - Seymour Johnson Air Force Base
- CCX
- Rail Plan Update



North Carolina's Rail Network



Legend

- NS
- NCRR
- CSX
- Short Lines
- NCDOT-owned Corridors
- Passenger Train Stations

Dashed corridors are not in service.



Working with the NC Ports

Queen City Express

- Rail container service between Wilmington and Charlotte
- Rail route improvements underway
 - Passing siding improvements, power switches, grade separations

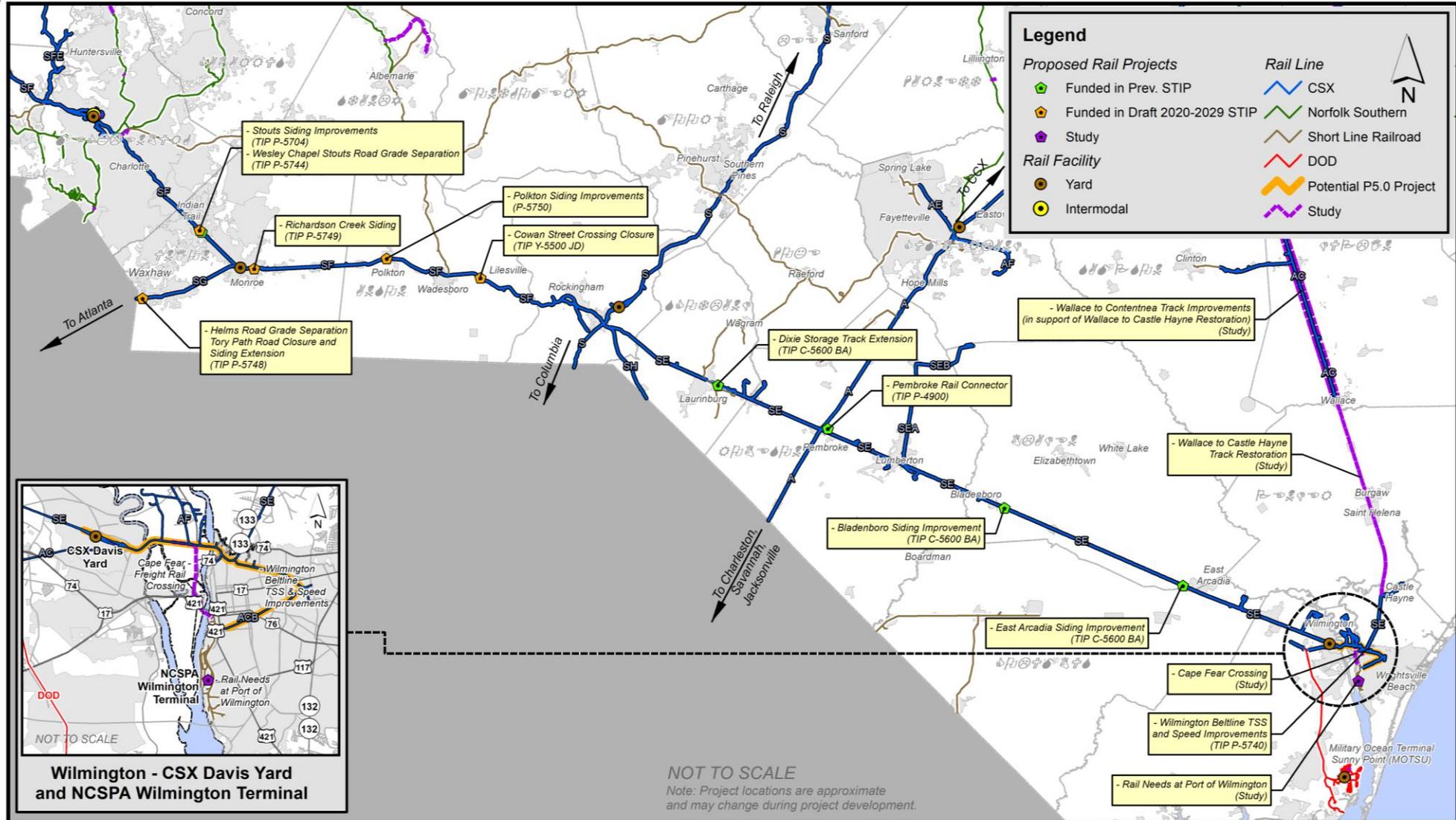
Wilmington Port access improvements

- Developing near-term improvements to existing route to improve safety and speeds
- Coordination with long-range rail realignment





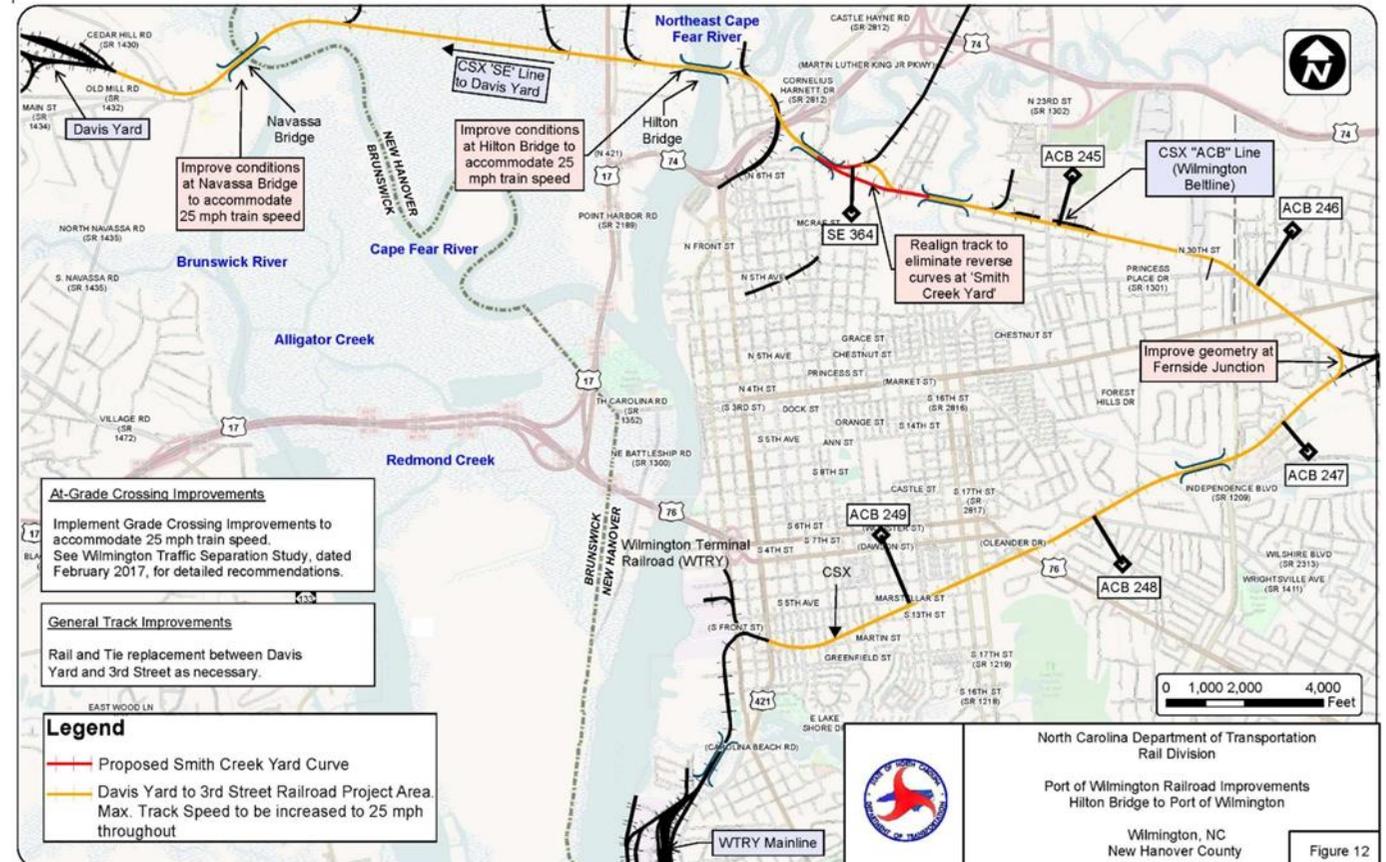
Enhancing the CSX Network to Support NC Ports





Wilmington Beltline Improvements

- Upgrades track from FRA Class 1 to Class 2 track
- Increases train speeds from 10 mph to 25 mph maximum
- Closes three crossings
- Improves 23 crossings
- Draft 2020-2029 STIP
 - \$41M
 - R/W FY 2025
 - Construction FY 2027
- Part of CRISI Grant Application



CRISI Grant Award – Piedmont Atlantic Intermodal Rail System

Project Components

- TIP P-5740 Wilmington Beltline Improvements
- TIP P-5750 Polkton Siding Extension
- TIP P-5749 Richardson Creek Siding Extension (near Monroe)
- TIP P-5748 Waxhaw Siding Extension and Helms Road Grade Separation

Costs / Federal Funding

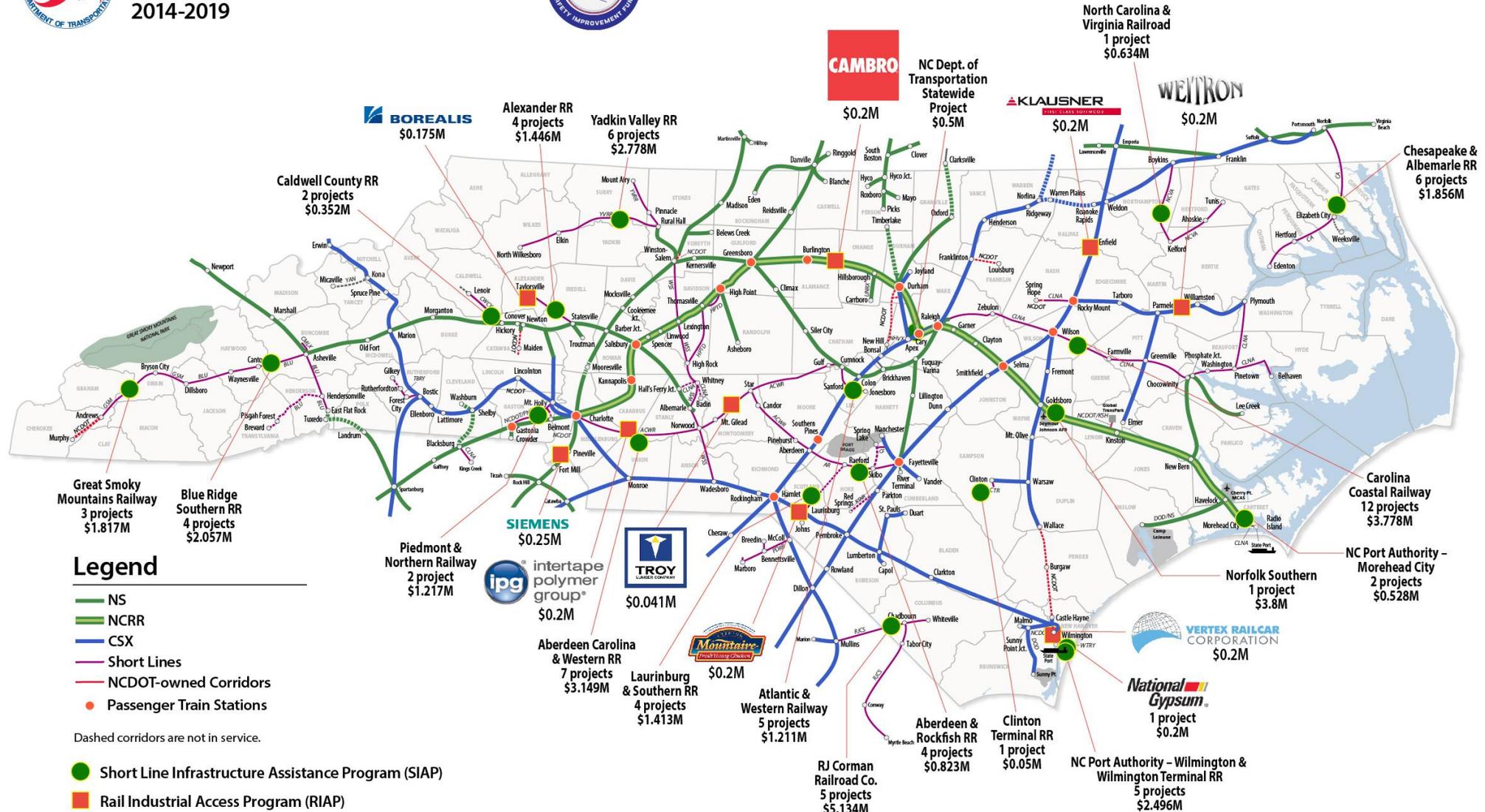
- Total Costs - \$111M
- CRISI Award - \$34.9M

Benefits

- The Piedmont-Atlantic Intermodal Rail System (PAIRS) project is to improve the safety and efficiency of the CSX freight intermodal network on the National Gateway, specifically along the corridor between Charlotte NC and Wilmington NC, and to the greater CSX network in the Southeast. The project:
 - Raises the class of track and maximum speeds in Wilmington to 25 mph
 - Upgrades 23 crossings in Wilmington
 - Closes or grade separates a minimum of 5 crossings
 - Extends three sidings along the corridor



State of NC Investment in Freight Rail Economic Development 2014-2019



Dashed corridors are not in service.



FRCCSI Improvements supporting NC Ports

Port / Railroad	State Funding	Description	Award Year
Port of Wilmington / WTRY	\$205K	Replacement of four at-grade crossing surfaces and the replacement of existing turnout	2019
Charlotte Inland Terminal / Port of Wilmington	\$1.6M	Track improvements and freight intermodal improvements	2019
Port of Morehead City	\$350K	Rebuilding the West Lead Track and switch	2018 (Complete)
Port of Wilmington / WTRY	\$625K	Rebuild intermodal Tracks 1 and 18	2018
Port of Wilmington / WTRY	\$372K	Replace rail, ties, and turnouts, and construct 9600 feet of track storage	2017



FRRCSI Improvement at Seymour Johnston Air Force Base

- FRRCSI 2017 Award
- Project on NCRR Corridor / NS
- Upgrades the fuel transfer facility
- FRRCSI is contributing \$3.8M
- Total Project Costs (Including NS share) are \$4.9M



Carolina Connector (CCX) Update

• Terminal Funding

- \$118.1M (NCDOT)
 - includes engineering, terminal and railroad construction
- \$40M (CSX)
 - includes land acquisition, a portion of terminal equipment, environmental work, administrative and development costs

- **NCDOT expenditures to date: \$25M**
- **Construction begins: Spring 2019**
- **Construction timeline: 18-20 months**
- **Groundbreaking: April 2019**
- **Marketing coordination underway**





State Rail Plan

What is the State Rail Plan?

- Guides freight and passenger rail investments over next 25 years, including funding strategies
- Required by PRIIA and FAST Act
- Defines the state's vision for rail and outlines how it will be achieved. Defines priorities for a rail system that:
 - Improve access for freight and passenger rail users
 - Enhance safety, resiliency and overall health of the rail network
 - Expand economic opportunities of rail-served markets, industries and businesses





NORTH CAROLINA

Department of Transportation



Eddie McFalls, P.E.
Strategic Initiatives
NCDOT Rail Division
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919-707-4727



FUNDING APPROPRIATIONS STRATEGIES (FAST) COMMITTEE MEETING MINUTES

DATE: June 6, 2019 TIME: 10:30am LOCATION: EIC

MEETING CALLED BY	Chairman Tony Lathrop
BOARD ATTENDEES	Chairman Tony Lathrop, Nina Szlosberg-Landis, Allen Moran, Grady Hunt, Allen Moran, and Jack Debnam

AGENDA TOPICS

1. MEETING CALL TO ORDER AND APPROVAL OF APRIL 3, 2019 FAST MEETING MINUTES - CHAIRMAN LATHROP

DISCUSSION SUMMARY	Chairman Lathrop called the meeting to order at approximately 10:30 am on June 6, 2019.
ACTIONS TAKEN	Chairman Lathrop confirmed committee member attendance and declared a quorum. He then asked for a motion to approve the April 3, 2019 FAST Committee meeting minutes. A motion was made and seconded. The Committee voted unanimously to approve the meeting minutes as provided.

2. NC FIRST COMMISSION RECAP - CHAIRMAN LATHROP

DISCUSSION SUMMARY	Chair Lathrop informed the committee that the NC First Commission committee will begin meeting every other month until early 2021 to review and make recommendations regarding future revenue options for NC's transportation infrastructure. Their findings will be presented to the state legislature in 2021. FAST was created to vet topics, ideas, and speakers for the NC First Commission. Their next meeting will be held Friday July 12, 2019 in the main board room
ACTIONS TAKEN	N/A

3. REVENUE FORECAST UPDATE AND USER PAYS UPDATE - BURT TASAICO

DISCUSSION SUMMARY	<p>Mr. Tasaico gave a brief recap of NCDOT's funding sources: 75% from the state and 25% from federal.</p> <p>Update: The federal fiscal year budget was approved in February 2019, but NCDOT was not notified that funds were available for reimbursements until March 2019. This was because after the budget was approved and signed into law it had to pass through various checks and balances before becoming available to NCDOT through the FMIS system.</p> <p>Forecast Cycle</p> <ul style="list-style-type: none"> • Started at the beginning of the calendar year to determine what happened historically
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FUNDING APPROPRIATIONS STRATEGIES (FAST) COMMITTEE MEETING MINUTES

3. REVENUE FORECAST UPDATE AND USER PAYS UPDATE - BURT TASAICO	
	<ul style="list-style-type: none"> • A consensus forecast is developed • Changes are seldom made in the first half of the year, but adjustments can be made to the state revenue forecast if the legislature provides additional funding sources <p>SFY 2019 – Monthly Comparison</p> <ul style="list-style-type: none"> • Mr. Tasaico showed a graph depicting two types of lines: a solid line which depicted actual revenue and a dotted line which depicted forecast revenue • These lines were graphed based on three different criteria; motor fuel tax, highway use tax, and DMV fees • In an ideal scenario, the actual and forecast lines for these criteria would graph identically • Using these criteria helps NCDOT determine fuel consumption based on economic conditions and helps to determine if present indicators are a trend or anomaly
ACTIONS TAKEN	N/A

4. NCGA BUDGET UPDATE AND GARVEE/BUILD NC UPDATE - EVAN RODEWALD	
DISCUSSION SUMMARY	<p>Month end cash balance for April was \$370 million. The books for May have not yet been closed, but the month end cash balance is projected to be around \$470 million.</p> <p>Senate Bill 605</p> <ul style="list-style-type: none"> • Passed by the General Assembly • This bill serves three purposes <ol style="list-style-type: none"> 1. It lends \$90 million for disaster recovery to be reimbursed from funds owed to NCDOT by FEMA and FHWA. 2. It returns balances that NCDOT transferred from the highway fund to the general fund for disaster relief. 3. It repays NCDOT about \$30 million in economic development costs incurred from the Triangle Tire Project. <p>Garvee Bonds</p> <ul style="list-style-type: none"> • \$600 million were issued and closed Monday June 3, 2019 • Interest cost was 2.39% • NCDOT received a premium of \$117 million on the sale, net of cost of issuance <p>Build NC Bonds</p> <ul style="list-style-type: none"> • \$300 million • Remains on schedule • Council of State approved the sale unanimously May 23, 2019 • All three ratings agencies have assigned the Build NC bonds a rating of AA+ or the equivalent; this is the highest rating that can be given short of a general obligation bond which is a AAA. • The Build NC bond sale is tentatively scheduled to close June 27, 2019.



FUNDING APPROPRIATIONS STRATEGIES (FAST) COMMITTEE MEETING MINUTES

4. NCGA BUDGET UPDATE AND GARVEE/BUILD NC UPDATE - EVAN RODEWALD	
	<p>Proposed Budget Overview</p> <ul style="list-style-type: none"> • Three versions of the budget have been published: the Governor’s budget, the House budget, and the Senate budget • The budget is based on the Highway Fund Revenue forecast of \$2.3 billion in FY19-20 and \$2.4 million in FY 20-21; this is used to fund many aspects of NCDOT’s operations • Mr. Rodewald then gave an overview of funding that was proposed and approved for various transportation-related funds by the Governor, House, and Senate
ACTIONS TAKEN	N/A

5. ADVOCATING FOR INFRASTRUCTURE INVESTMENT - GARY SALAMIDO	
DISCUSSION SUMMARY	<p>Mr. Salamido’s presentation explained how NC Chamber works to move NC forward economically.</p> <ul style="list-style-type: none"> • NC Chamber • a nonpartisan business advocacy organization that works in the legislative, regulatory, and political areas to proactively drive positive change to ensure NC is a leading place in the world to do business • 3 components <ol style="list-style-type: none"> 1) NC Chamber Foundation <ul style="list-style-type: none"> - envisions a long-term strategy for economic prosperity 2) Advocacy <ul style="list-style-type: none"> - advocates for policies to move NC forward 3) Political Program <ul style="list-style-type: none"> - analyzes and shapes the political landscape to make change possible <p>Vision 2030</p> <ol style="list-style-type: none"> 1. Education and Talent Supply <ul style="list-style-type: none"> - NC must develop and maintain a talent pipeline by aligning education and workforce development systems - These systems must be effective, agile, accountable, flexible, and produce competitive and diverse workforce 2. Competitive Business Climate <ul style="list-style-type: none"> - NC continuously strives to make its businesses more competitive to attract new investment in order to create and retain more jobs for residents 3. Infrastructure and Growth Leadership <ul style="list-style-type: none"> - NC identifies ways to continue investing in the development and maintenance of a sound physical infrastructure; transportation, water/sewer, energy and broadband/advanced communications to meet the demands of a growing population and economy <p>NC Can’t Afford to Wait</p> <ol style="list-style-type: none"> 1. Define the Problem <ul style="list-style-type: none"> - NC faced serious infrastructure funding challenges in 2015



FUNDING APPROPRIATIONS STRATEGIES (FAST) COMMITTEE MEETING MINUTES

5. ADVOCATING FOR INFRASTRUCTURE INVESTMENT - GARY SALAMIDO	
	<ul style="list-style-type: none"> - the state was experiencing massive growth with no long-term funding in place <ol style="list-style-type: none"> 2. Offering Solutions <ul style="list-style-type: none"> - the NC Chamber Foundation commissioned a study to offer solutions on how NC could diversify its revenue streams 3. Building a Coalition <ul style="list-style-type: none"> - NC Chamber formed a statewide coalition to develop an advocacy plan - this plan included a media push and coalition members helped secure long-term transportation funding reform measures totaling \$1.158 billion <p>Advocating for Additional Infrastructure Investment</p> <ol style="list-style-type: none"> 1. Prioritized Port Modernization <ul style="list-style-type: none"> - the NC Chamber advocated for a \$70 mil investment to modernize NC's ports 2. Secured Additional Funds through Build NC <ul style="list-style-type: none"> - the NC Chamber backed SB 758, which created alternative financing that would allow NCDOT to address the state's most pressing transportation infrastructure projects 3. Accelerating Storm Recovery <ul style="list-style-type: none"> - the NC Chamber advocated for the passage of SB 605, which would allow NCDOT to have access to a \$155 million loan that aided in disaster relief <p>NC Chamber invests in 5 main areas for NC's future infrastructure</p> <ol style="list-style-type: none"> 1. ensuring access to safe water 2. improving access to the digital infrastructure 3. managing the state's solid waste footprint 4. rebuilding the infrastructure of eastern NC 5. long-term plan for power generation in the 21st century
ACTIONS TAKEN	N/A

6. NC Go! - MARK FINLAYSON	
DISCUSSION	<p>Mr. Finlayson gave an overview of the NC Go! Organization</p> <ul style="list-style-type: none"> • it was formed in 2001 to focus on the value of transportation construction through a combination of various organizations statewide that are interested in the transportation infrastructure improvements • it consists of approximately 600 advocates and members • it is a 501(c)(4) advocacy organization • they want to share pertinent transportation information with their advocate network • they will occasionally publish educational documents • they perform their work through education, media, and the grassroots network • they try to anticipate upcoming issues so that they can provide information to the public



FUNDING APPROPRIATIONS STRATEGIES (FAST) COMMITTEE MEETING MINUTES

6. NC Go! - MARK FINLAYSON	
	<ul style="list-style-type: none"> • they support the Build NC bond initiative • NCDOT asked NC Go! To be a partner in the inaugural transportation summit held in January 2019, and they were also a partner for the Mobi awards held in March 2019 • Jack Debnam asked if the presentation NC Go! Gave 6/4/2019 was available and Mr. Finlayson said he would forward it to Amna Cameron and make it available on NC Go's website
ACTIONS TAKEN	N/A

7. REGIONAL TRANSPORTATION ALLIANCE (RTA) - JOE MILAZZO	
DISCUSSION	<p>Mr. Milazzo is the executive director for Regional Transportation Alliance (RTA). He gave an overview of the RTA.</p> <p>Regional Transportation Alliance (RTA)</p> <ul style="list-style-type: none"> • represents the business community in the Research Triangle Park (RTP) region • it is a regional program of the Raleigh Chamber of Commerce • their focus is on a 50-mile radius around RDU International Airport • they work with NC Chamber and NC Go! • the organization prioritizes specific projects <ul style="list-style-type: none"> - currently, completing I-540 in southern Wake County is their top priority - sustainable funding for RDU is their second priority - enhancing transit in the Triangle region is their third priority <p>RTA has been advocating an access-based approach for transportation funding</p> <ul style="list-style-type: none"> • the indirect nature of transportation funding is what makes it a challenge • one example of indirect funding is the NC gas tax, paid when gas is pumped into a vehicle <ul style="list-style-type: none"> - there's no easy way to implement a sustainable funding source that is fair, reliable, and acceptable • it is a challenge to determine the most sustainable, fairest, and most acceptable solution for long-term funding • fuel taxes are failing not because there are more (numerous) fuel-efficient vehicles, but because there are SOME <ul style="list-style-type: none"> - if every vehicle on the road was fuel-efficient the rate would be increased to reflect this, however, all vehicles are not fuel-efficient, so the rate has not risen • requiring every NC resident to replace his/her current vehicle with one that is more fuel-efficient is unrealistic • the cost of projects also has an impact on transportation funding • road thickness is affected by the weight of trucks hauling their loads over NC's roads • road width is affected by automobiles during periods of heavy traffic, i.e. rush hour



FUNDING APPROPRIATIONS STRATEGIES (FAST) COMMITTEE MEETING MINUTES

7. REGIONAL TRANSPORTATION ALLIANCE (RTA) - JOE MILAZZO	
	<p>Access-Based Approach</p> <ul style="list-style-type: none"> • Electric Vehicle Equivalency Fee <ul style="list-style-type: none"> - assumes the amount of miles driven/year • Vehicle Registration Fee <ul style="list-style-type: none"> - would eliminate the need for monthly mileage reporting that would be required by the Electric Vehicle Equivalency Fee • Eliminating NC's fuel tax <ul style="list-style-type: none"> - many out of state travelers avoid paying our fuel tax by fueling before crossing the state line - theoretically if NC lowered or eliminated the fuel tax more people would buy fuel in- state, raising convenience store revenues, from which the state legislature could allocate a portion of the sales tax to transportation funding <p>Questions</p> <ol style="list-style-type: none"> 1. How would the fee for the Electric Vehicle Equivalency be collected and would it be based on the age of the car and fuel efficiency? <ul style="list-style-type: none"> - RTA proposes giving vehicle owners the option of a monthly, semi-monthly, or annual payment. 2. Are there any pilot programs in other states like the one RTA is proposing? <ul style="list-style-type: none"> - Mr. Milazzo said that NC is already doing this, it would be accelerated by eliminating the fuel tax.
ACTIONS TAKEN	N/A

Meeting Adjourned: 12:00 PM



FUNDING APPROPRIATIONS STRATEGIES (FAST)
COMMITTEE AGENDA

BOARD OF TRANSPORTATION
JUNE 26, 2019

TIME: 2:10 PM

LOCATION: EIC

TOPIC	PRESENTER	TIME
Call to Order Roll Call Declaration of Quorum Meeting Minutes Update Approval of June 6, 2019 meeting minutes	Tony Lathrop, Chair	2:10 PM
Cash Balance/Financial Update	Evan Rodewald	2:15 PM
Demographics Update	Dr. Michael Cline	2:20 PM
Adjourn	Tony Lathrop, Chair	Adjourn



HIGHWAYS COMMITTEE MEETING MINUTES

DRAFT

DATE: 6/5/2019 TIME: 2:30 PM – 3:30 PM LOCATION: Room 150

MEETING CALLED BY	Chairman Tarleton
BOARD ATTENDEES	Jack Debnam, Grady Hunt, Patrick Molamphy, Gus Tulloss, Michael Alford, Hugh Overholt

AGENDA TOPICS

1. APPROVAL OF APRIL 2019 MINUTES	
DISCUSSION SUMMARY	Motion to approve the April minutes made by Member Tulloss, seconded by Member Debnam.
ACTIONS TAKEN	Motion to approve the April minutes as written passed unanimously.

2. DIVISION 1 OUTER BANKS BRIDGE PROJECTS, MR. JERRY JENNINGS, PE, DIVISION ENGINEER, NCDOT DIVISION 1	
DISCUSSION SUMMARY	<p>Mr. Jerry Jennings, Division 1 Engineer, discussed status of bridge projects located on the Outer Banks along NC 12. He provided information regarding the construction, opening and dedication of the Marc Basnight Bridge over the Oregon Inlet. Construction began on the new bridge in March 2016 and was opened to traffic February 25, 2019. The Prime Contractor is PCL Civil Constructors and the Lead Design firm is HDR Engineering. The total revised contract amount is \$252M.</p> <p>Demolition of the previous Bonner Bridge is also included in the construction contract. The demolition of the Bonner Bridge began with the area in the navigational channel, which provides better Mariner access to the Oregon Inlet. Demolition of the bridge will continue with the demolition materials being carried by barges to four offshore reefs. A 1,000 feet section of the Bonner Bridge will be retained at the south end for pedestrian use.</p> <p>Mr. Jennings also provided an update regarding the construction of the Rodanthe Bridge, which is a \$145 Million design-build contract awarded in January 2017 to Flatiron Constructors, with RK&K as the lead design firm. Construction began in July 2018. The project is about 17% complete. Challenges with this project include the very shallow water, environmental sensitivity, submerged aquatic vegetation and community concerns. In order to help address the challenges, the</p>



HIGHWAYS COMMITTEE MEETING MINUTES

	contractor is using a rail and gantry system to facilitate top-down construction of the bridge. It is scheduled to complete in 2020.
ACTIONS TAKEN	

3. SAFETY EVALUATION PROGRAM, MR. KEVIN LACY, PE, STATE TRAFFIC ENGINEER, NCDOT TRANSPORTATION MOBILITY AND SAFETY	
DISCUSSION SUMMARY	Mr. Kevin Lacy, NCDOT State Traffic Engineer, discussed the NC Highway Safety Improvement Program which focuses on safety improvement projects to help reduce crashes. The average annual comprehensive crash cost in 2017 was \$27.4B. The purpose of the NC Highway Safety Improvement Program is to implement effective safety projects to reduce fatalities and injuries while maximizing value (lower cost with high returns). The emphasis areas include lane departures, driver alertness, speed, intersection safety, pedestrians and bicyclists. Typical safety projects for intersection improvements include traffic signals, roundabouts, all-way stops, turn lanes, channelizations, and pedestrian refuge islands. Typical corridor improvement projects include left-overs, superstreet configurations, shoulder and lane widening, guardrail, rumble strips, and curve improvements. System feature improvements include long life pavement markings, median barriers, and flashing yellow arrows. The average return on investment of safety dollars is 14 to 1.
ACTIONS TAKEN	



HIGHWAYS COMMITTEE AGENDA

BOARD OF TRANSPORTATION JUNE 26, 2019

TIME: 3:55 PM – 4:55 PM

LOCATION: 150

TOPIC	PRESENTER	TIME
Call to Order Roll Call Declaration of Quorum Approval of June 5, 2019 Meeting Minutes	Cullie Tarleton, Chairman	3:55 pm
Dynamic Left Turn Intersections	Joseph Hummer, PhD., P.E., State Traffic Management Engineer, NCDOT Transportation Mobility and Safety Division	4:00 pm
Safety Awareness Program	Robin Barfield, Director, NCDOT Safety & Risk Management	4:20 pm
Other Discussion	Cullie Tarleton, Chairman	4:45 pm
Adjourn	All	4:55 pm



NORTH CAROLINA

Department of Transportation



A Year Of Worker Safety Success

Robin Barfield

June 26, 2019

Supervisor Growth

- OSHA 10 Hour Construction
- Workers' Compensation Training
- Controlled Substance Recognition Training



Program Revisions

- Current Manuals 50% Revised
- New Policies Created to Guide
- Industrial Hygiene Program
 - Lead
 - Silica
 - Respiratory Protection

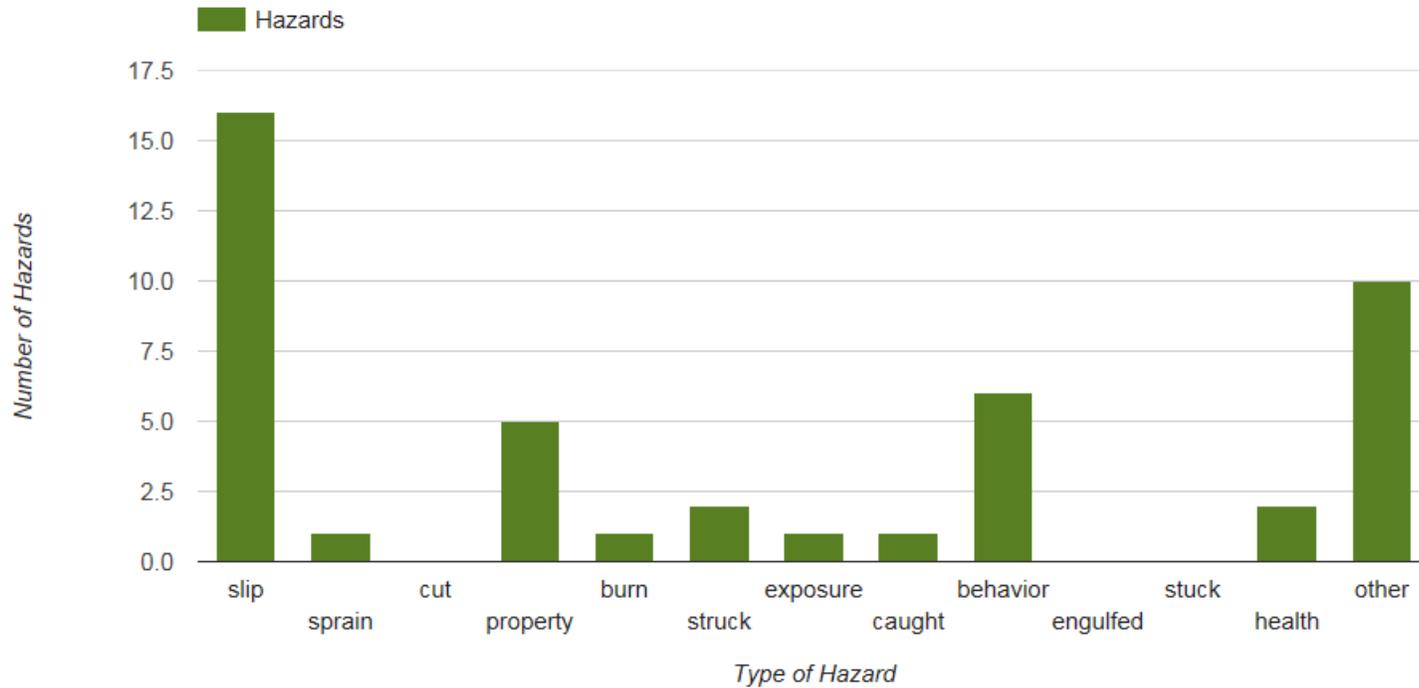
Promoting Prevention Tools

- Hazard Recognition
 - AnyRisk
 - Hazard Recognition Training
- Training Calendar to Unify Efforts
- Manager Safety Planner

AnyRisk Tickets

Hazard Reporting Administration

Home > Connect NCDOT > Hazard Reporting > Hazard Reporting Administration

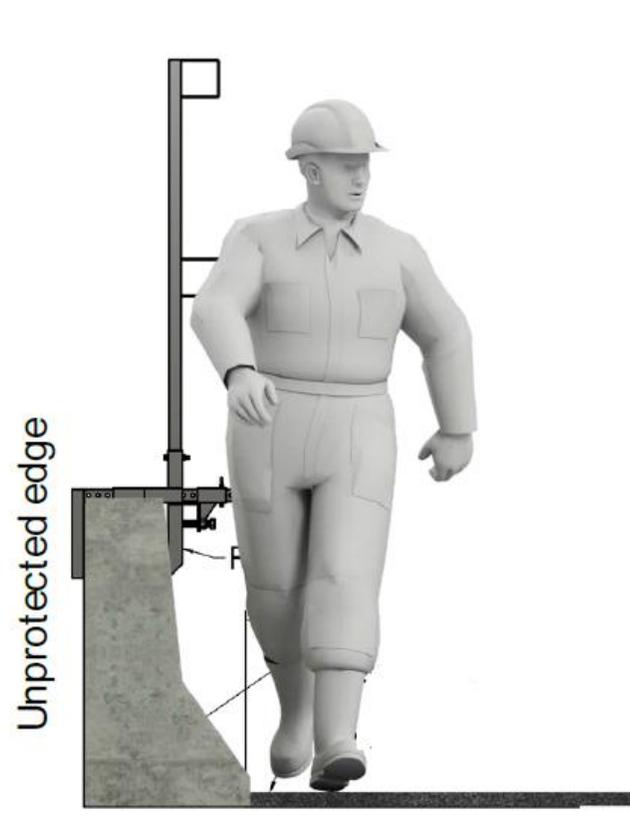


Preventing Falls Is a Priority

- Falls #1 Cause of Injury in NCDOT
- Many Falls involve Level Changes
- Slip Hazards #1 Reported Exposure in AnyRisk Tool

NCDOT in National Discussion

- Leading Research on Fall Protection Devices to protect Workers
 - Conducted through NC State University



Most Efficient Way to Protect?

Parapet Clamp



Slab Clamp



Freestanding guardrails



Barrier Supplements



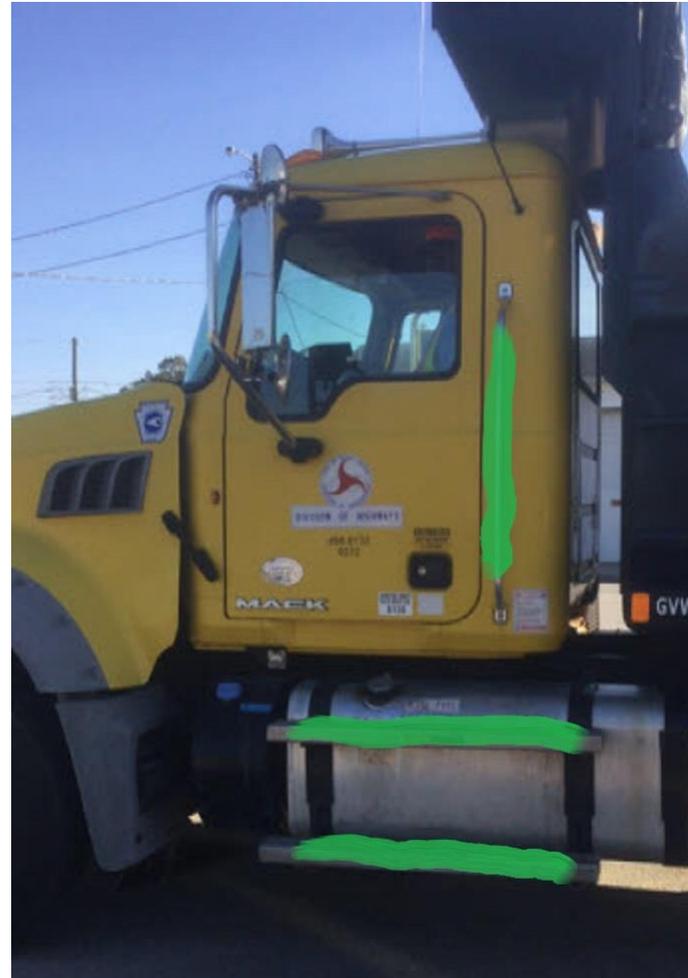


3 Point Contact Training



Other Ways We Are Preventing Falls

- Submitting Equipment Specification Upgrades to Equipment Management
- Competent Fall Protection Trainers



Preventing Hearing Loss

- 3M EarFit – Fitting employees with Appropriate Hearing Protection



Preventing Lung Disease

- Silica Exposure Control Program



We Train Heroes

- Our Trained First Aid, CPR, and AED Responders Provided Emergency Assistance to Citizens Across the State



We Survey Hazardous Locations From the Air



Safety Training Technology

- First Cabinet Agency to Adopt On Demand Supplemental Safety Training
- 100 Supplemental Courses

Significant Safety Issues are Emphasized in all Divisions

- Hazard Alerts
- Best Practices
- Safety Technology
- Near Misses



Best Safety Practice

Incident Title:	2019 National Work Zone Awareness Week	Incident Date:	4/8/19 – 4/12/19
Contact Info:	GHSP (919)814-3650 SRM (919)814-2185	Location/Area:	NCDOT

Template Revision: 5/23/2018

Incident Description

April 8-12, 2019 is National Work Zone Awareness Week. Work zones play a key role in maintaining and upgrading our roadways. Unfortunately, daily changes in traffic patterns, narrowed rights-of-way, and other construction activities often create a combination of factors resulting in crashes, injuries, and fatalities. Work zones are dangerous for both workers and motorists. From 2012 to 2018, there were more than 35,600 crashes and 173 deaths in work zones across North Carolina. In 2018, alone, 32 people died.

Root-Cause	Corrective Action
<ul style="list-style-type: none"> Distracted driving, speeding, not yielding or moving over, not following signage, weather events, etc. 	<ul style="list-style-type: none"> Follow standard drawings and MUTCD. Educate the public through NC GHSP and FHWA outreach resources.

Photos



https://ops.fhwa.dot.gov/wz/outreach/wz_awareness.htm

Safety Alert



Template Revision: 5/23/2018

Employee Injury

Incident Title:	Employee Struck by Log	Incident Date:	2/8/2019
Contact Info:	Doug McConnell - 336-903-9123	Location/Area:	Div. 11/Ashe Maint.

Incident Description

An Ashe County maintenance crew was removing logs from the side of the roadway using an excavator. The excavator was equipped with a bucket and hydraulic thumb attachment that was being used to move the logs. An employee was positioned on the side of the hill. A log began to slide down the hill and the excavator operator attempted to grab it causing the log to twist. The log struck the employee in the back of the legs resulting in a severe laceration requiring surgery.

Root-Cause	Corrective Action
<ul style="list-style-type: none">• Potential hazardous energy of being downhill of the logs.• Mobile equipment and material movement.• Hazard recognition.	<ul style="list-style-type: none">• Remain outside of potential energy sources. i.e. being downhill of logs being moved or being underneath a suspended load.• ORM process. Identify hazards and corrective actions.• Placement of employees on the ground during mobile equipment operation.

Photos



Safety Alert

Broadcasted Internally Through LMS

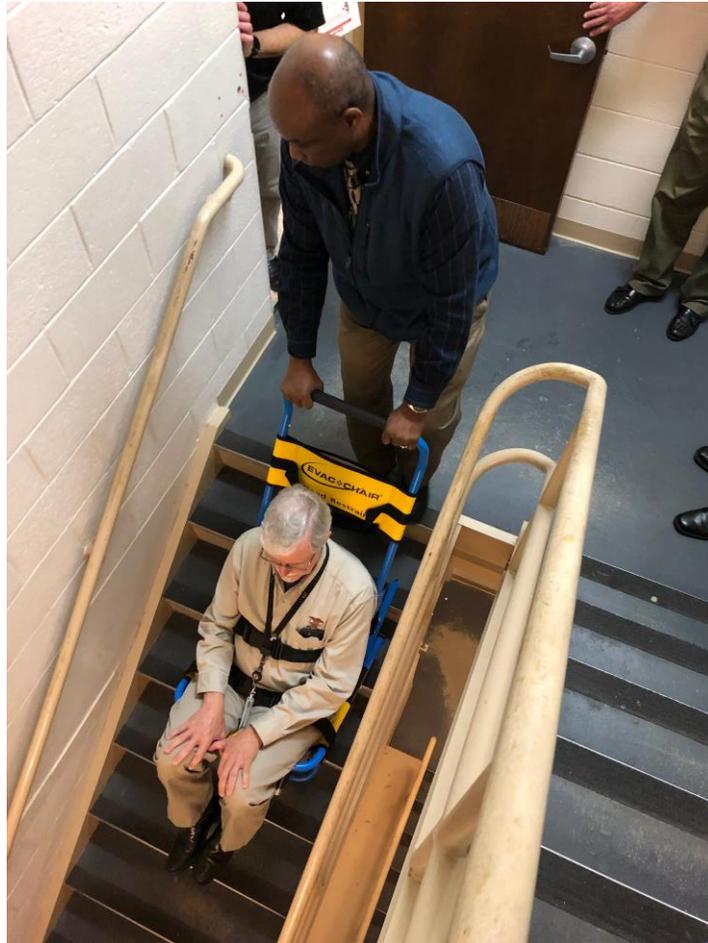
The screenshot displays the NC Learning Center LMS interface. The main content area shows a "Safety Alert - Fingertip Amputation" transcript for Jarvis Gray. The transcript details include:

- Training Type:** Materials
- Provider:** Transportation
- Version:** 1.0
- Training Hours:** 0 Hours 5 Min
- Description:** Status: In Progress
- Training Purpose:** Due Date: 9/7/2018
- Department Goal Supported:** Make transportation safer.
- EE Code:**
- EE Code (Training):**
- Project Management Related (PMTD):** No
- Professional Development:**

An inset window shows the "Employee Injury" report for the incident. The report includes the following details:

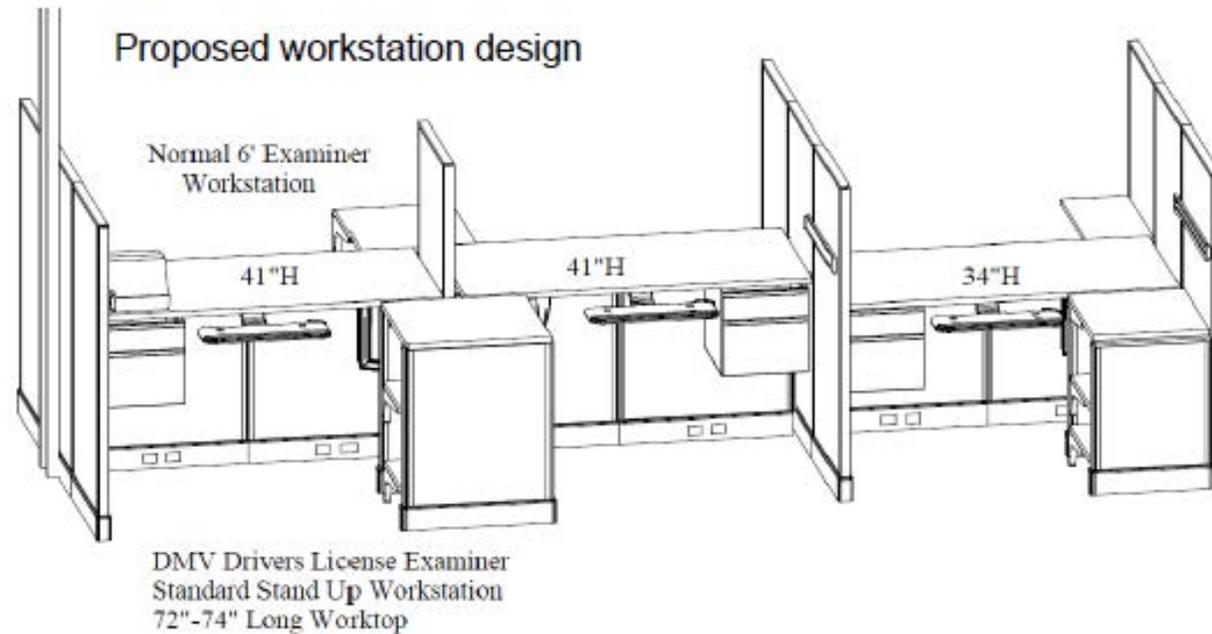
Incident Title:	Fingertip Amputation	Incident Date:	8/15/2018
Contact Info:	Doug McConnell - 336-903-9123	Location/Area:	On-112/2018/Transportation
Incident Description			
An employee was attempting to unhook an equipment trailer from a dump truck. The employee thought the mini-excavator, that was on the trailer, had been completely unloaded, but it had not. There was still enough weight on the ramp of the trailer, from the mini-excavator, to lift the front of the trailer. The employees' left index finger was smashed between the pinche hitch and the tongue of the trailer. Resulting in an amputation of the fingertip.			
Root-Cause		Corrective Action	
<ul style="list-style-type: none"> Hand placement in a pinch point. Poor communication and procedure. 		<ul style="list-style-type: none"> Anticipate movement and keep clear of pinch points. Communicate with others in the area to ensure it is safe to move to the next step of the job task. Conduct ORM, and NEVER sacrifice safety for speed or convenience. (SOP 12A-S & 12B-30) FFI. Fingertip amputations with or without bone loss are required to be reported to OSHA within 24 hours. 	
Photos			
Safety Alert			

Equipping Buildings With Evacuation Equipment



Adapting Workspaces to Fit our Employees

- Office Ergonomic / Industrial Ergonomics



Preparing for Emergency Action

- Active Shooter Training
- Tornado Drills
- Fire Drills
- Severe Weather Awareness

Preparing To Respond

- Safety Meetings
- COOP



Explosive Ordnance Safety School



Equipment Operator Safety Training Conference 2019





NORTH CAROLINA

Department of Transportation



Reducing Delay Using the Dynamic Left Turn Intersection

BOT Highway Committee Briefing by
Joe Hummer, PhD, PE, State Traffic Management Engineer

June 26, 2019

Problem



Problem

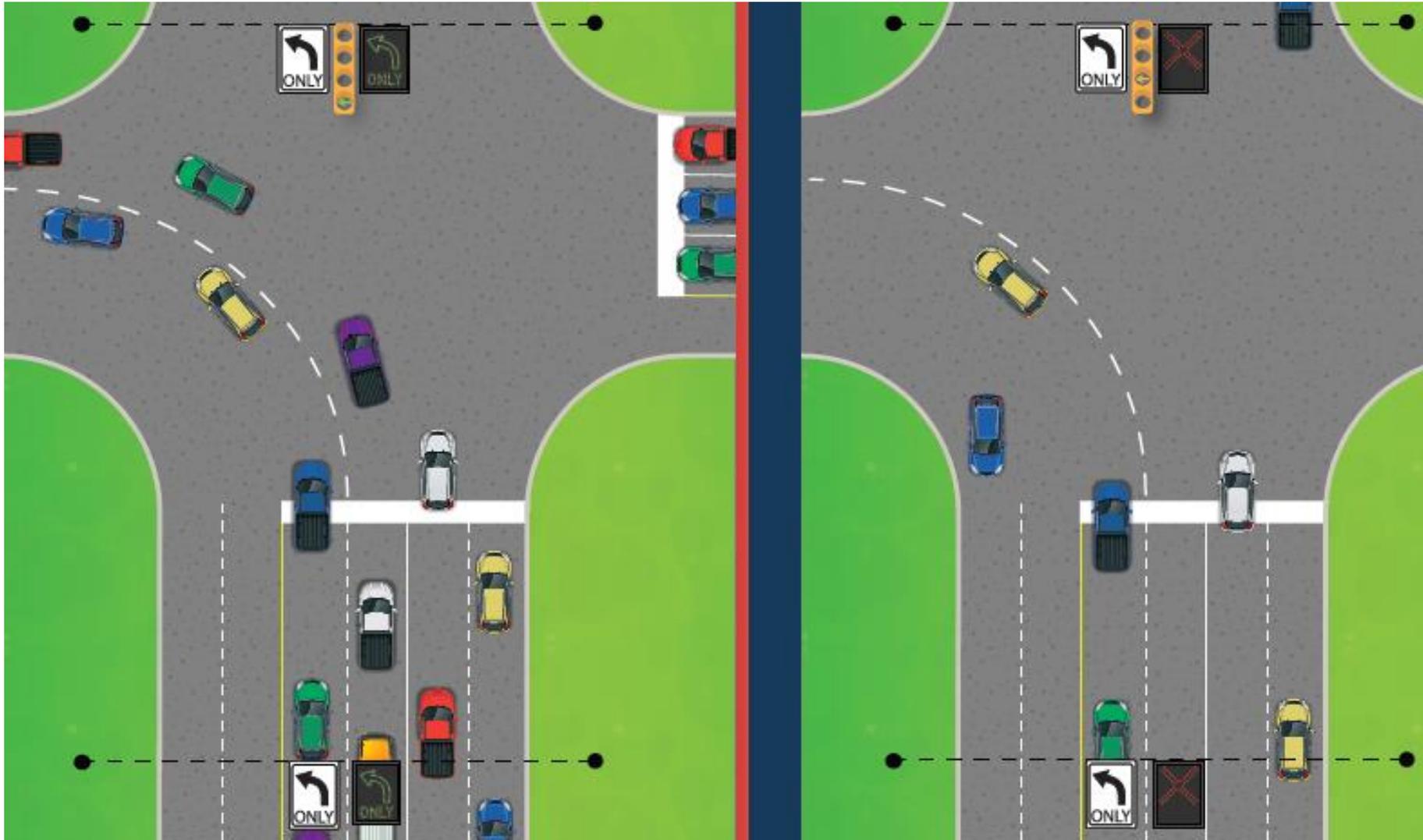
- Built dual left turn lane
 - For peak period demand
- Need to operate as protected left turn
 - Dual permitted operation limited
- Long cycle
- Result is much needless off-peak delay
 - Extra delay for all intersection users
 - Fuel consumption, emissions, violations

Potential Solution

- Operate as dual left turn lane during peak
 - Protected (green arrow) left turn signal
- Close second lane during off-peak
 - Operate as single left turn lane
 - Protected or permitted (flashing yellow arrow) left turn signal
 - Positive offset left turn
- Use lane control signs
 - Like on Edwards Mill Road near PNC Arena

Peak

Off-Peak



We Can Do This!

- Legal devices
 - Comply with MUTCD
- Signal design
- Pavement marking
- Substantial benefit
- Not too costly
 - Signal estimate ~\$35,000
- Funding through Spot Mobility program
- Divisions and cities on board

Site Selection Criteria

- Dual left turn lane
- Goldilocks demand
 - Enough demand to matter
 - Do not need dual left turn lanes off-peak
- Plentiful sight distance
 - Could have been permitted left turn
- Compatible signal software

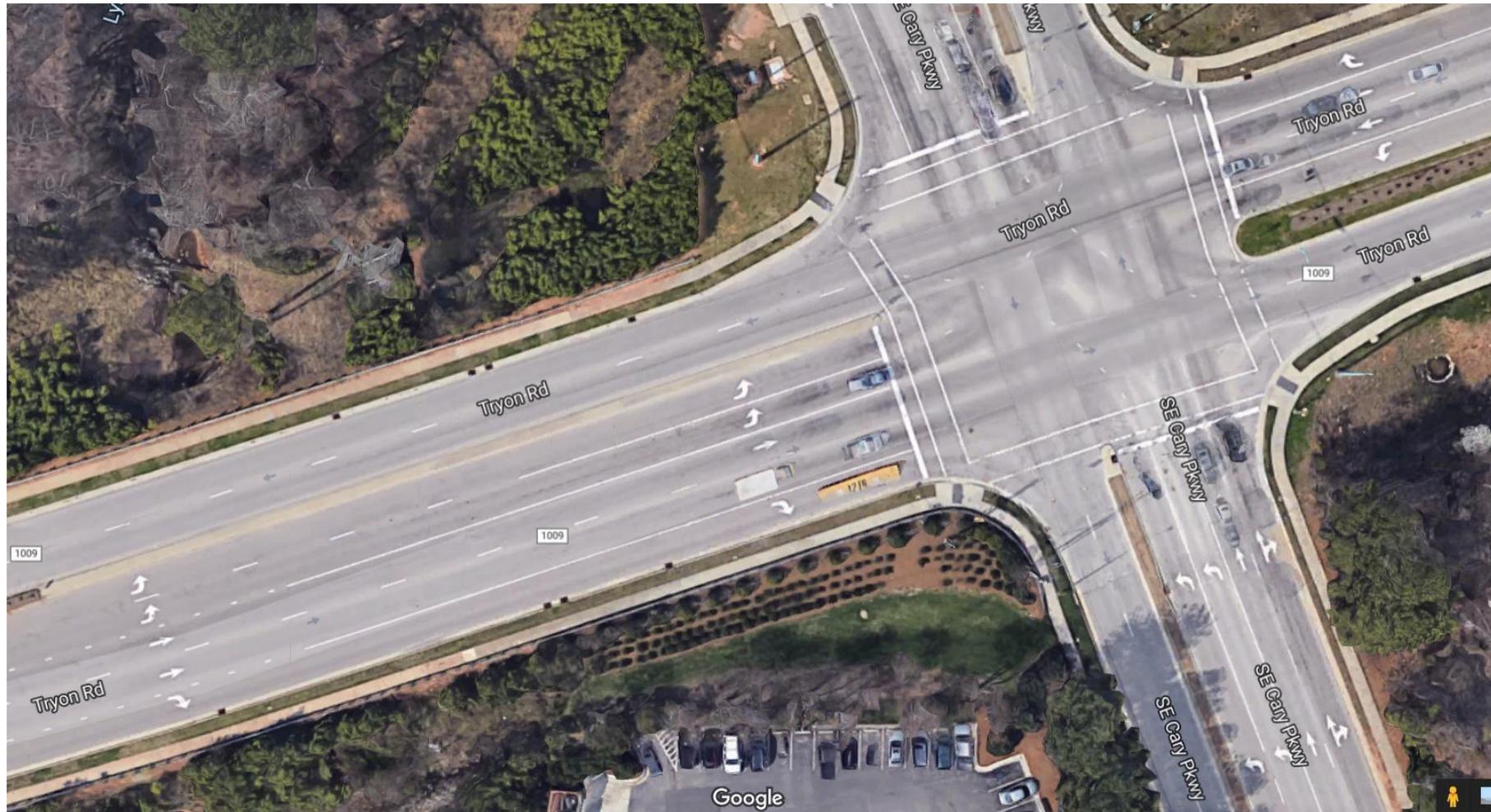
US-70 Bus at Wal-Mart, Clayton



US-70 Bus at Wal-Mart, Clayton



Tryon at Cary Parkway, Cary



Estimated Benefits

Dimension	US-70 Business	Tryon Road
Left turns in DLTi lanes/day	1,400	3,200
Left turns in DLTi lanes, % of total demand	4	7
Hours/day operated with DLTi	23	15
Left turn delay savings, sec/veh	11	7
All vehicle delay savings, sec/veh	1.4	0.4
All vehicle delay savings, veh-hr/year	5,200	2,100
Delay savings benefit, \$/year	67,000	27,000
Installation cost	33,000	33,000

Current Status

- Signal plans delivered in May
 - Developing pavement marking plans
 - Communications producing materials
 - Evaluation planned
-
- Operational in the Fall

Down the Road

- Substantial delay savings at two pilot sites
- Reasonable cost, maintenance needs, safety impact, public reaction, ...
- Publish our findings for other states
- Let's go look for other sites statewide
 - Build into TIP projects
 - Retrofit with Spot Mobility funds
- Let's think about other time-of-day innovations

Thank You!

- Joe Milazzo, RTA
 - Had the idea, cleared devices with FHWA, gently pushed
- Board and DOT management
 - Fostering a culture of innovation
- Division 4, Division 5, Town of Cary
- Many professionals trying to help

Thank You!

- Let's go fix some intersections and interchanges
- Joe Hummer
 - 919-814-5040, jehummer@ncdot.gov





MULTI-MODAL TRANSPORTATION COMMITTEE AGENDA

BOARD OF TRANSPORTATION JUNE 26, 2019

TIME: 3:55 PM

LOCATION: EIC

TOPIC	PRESENTER	TIME
Call to Order Roll Call Declaration of Quorum Approval of June 5, 2019 Meeting Minutes	Chairman Perkins	3:55 PM
Funding Items (PTD - STIP Amendment and STIP Handout, Rail and Aviation)	Multi-Modal Directors	4:00 PM
Multi-Modal Transportation Update	Julie White Deputy Secretary	4:05 PM
Presentation of Bicycle and Pedestrian and Public Transportation Update	Hanna Cockburn, AICP Director of Bicycle and Pedestrian and Public Transportation Divisions	4:20 PM
Presentation of Olli NC Deployment Project	Stephanie Sudano, PE Multi-Modal Transportation Special Projects Engineer	4:35 PM
Adjourn	Chairman Perkins	4:55 PM



MULTI-MODAL TRANSPORTATION COMMITTEE MEETING MINUTES

DATE: 06-05-2019 TIME: 2:30 PM – 3:27 PM LOCATION: EIC Room

MEETING CALLED BY	Vice Chairman Billy Clarke
BOARD ATTENDEES	Thomas Taft, Jr., Nina Szlosberg-Landis, Landon Zimmer, Tony Lathrop

AGENDA TOPICS

1. MEETING CALLED TO ORDER AND APPROVAL OF FEBRUARY 6, 2019, MINUTES – VICE CHAIRMAN BILLY CLARKE

DISCUSSION SUMMARY	Vice Chairman Clarke called the Committee to order and asked for a motion to approve the minutes as distributed
ACTIONS TAKEN	A motion to approve February 6, 2019, minutes as distributed was made by Mr. Thomas Taft, Jr. and seconded by Mr. Tony Lathrop The Committee approved the meeting minutes unanimously

2. FUNDING ITEMS (PUBLIC TRANSPORTATION, RAIL, BIKE & PED AND AVIATION)

DISCUSSION SUMMARY	Information was presented by Bike & Ped Director, Public Transportation Director and Aviation Director.
ACTIONS TAKEN	Motion to approve Public Transportation funding items was made by Mrs. Nina Szlosberg-Landis and seconded by Mr. Tony Lathrop. Motion to approve Rail funding items was made by Mrs. Nina Szlosberg-Landis and seconded by Mr. Tony Lathrop. Motion to approve Bike & Ped funding items was made by Landon Zimmer and seconded by Mr. Thomas Taft, Jr. Motion to approve Aviation funding items was made by Mr. Tony Lathrop and seconded by Mr. Thomas Taft, Jr. The Committee approved the funding items unanimously.

3. MULTI-MODAL UPDATES – DAVID HOWARD, CHIEF DEPUTY SECRETARY

DISCUSSION SUMMARY	<ul style="list-style-type: none"> Budget: Both the House and Senate included additional funds to enhance rail service, maintain our train sets, and make improvements to stations, both included additional funding for our ferry system, both include additional funding to support our UAS program, and both included additional funds for the commercial airports. The House reversed a previous cut to the small urban transit systems, proposed to reduce the required match for locals on bike/ped projects, and removed some of the STI caps on rail projects. The Senate budget included funds for the general
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MULTI-MODAL TRANSPORTATION COMMITTEE MEETING MINUTES

	<p>aviation airports, eliminated the NCRR dividend payment for our FFCRSI program, and included funding for an Asheville bus to Salisbury to link up with the train.</p> <ul style="list-style-type: none"> • Presented to the Secretary's NC FIRST Commission – on the future of the modes. Deputy Secretary White described a future where seamless mobility drives our economic health, quality of life, and connections to one another and the world. Deputy Secretary White told the Commission that investing in connected and multimodal transportation system will spread growth and economic opportunity to communities of all sizes. • Passenger Ferry Launch – 45 days from finding the vessel to negotiated lease, shoreside changes to accommodate different boat, on line ticketing and reservations trainings and launch, identifying depth in channel and marking, setting ticket pricing, etc. Planning ribbon cutting June 17th. • Rail – We are working with our Congressional delegation including THUD Committee chair Rep. Price and his staff to position NC to pursue federal grant opportunities for corridor acquisition (S Line). Jason testified before the THUD Committee on passenger rail. We met with VA to coordinate on S line efforts and are planning a trip with Southeast Compact members in July to DC to jointly lobby for the S line. • Olli – We launched a cross functional leadership team to make sure we are maximizing the opportunity to research and understand AV adoption and infrastructure impacts and are beginning to develop a process for communities to submit interest in hosting an Olli in their community. • PTD/Bike/Ped - Earlier this year, NCDOT announced its Bicycle & Pedestrian and Public Transportation divisions would be merging into one division focused on community mobility, vibrancy and economic development. Hanna Cockburn, the Director of the Bicycle & Pedestrian Division and interim director of the Public Transportation Division, was recently named Director of the newly-merged division. • The N.C. Department of Transportation is accepting applications from communities for the 2019 Bicycle and Pedestrian Planning Grant Initiative. The program provides funding for North Carolina municipalities to develop comprehensive bicycle or pedestrian plans. All North Carolina municipalities are eligible to apply for a standard bike or pedestrian plan. The deadline for applications to be submitted electronically is 5 p.m. Aug. 2. Award recipients will be notified by November 2019. • Aviation – NCDOT was awarded the Association for Unmanned Vehicle Systems International's XCELLENCE Award in the humanitarian category at the AUVSI's annual XPONENTIAL conference. The award comes with a \$5,000 prize, which the Division of Aviation will present to the North Carolina Disaster Relief Fund. The entry from the Division of Aviation's drone program was selected out of more than 140 other entries worldwide.
ACTIONS TAKEN	No Action Taken



MULTI-MODAL TRANSPORTATION COMMITTEE MEETING MINUTES

4. RAIL DIVISION UPDATE - JASON ORTHNER, RAIL DIVISION DIRECTOR	
DISCUSSION SUMMARY	<p>Rail Division's overall mission is to provide safe and efficient movement of people and goods on North Carolina's railroads through freight, passenger and safety programs, supporting job creation and economic growth. Railroads operate in 86 NC Counties and have Direct Economic Impacts for Freight and Passenger Rail in North Carolina – \$1,875M (Freight – \$1,754M, Passenger – \$121M).</p> <p>Major initiatives update are as follows:</p> <ul style="list-style-type: none"> • Carolina Connector (CCX) • Working with the Ports • Southeast Corridor Development • Rail Operations Improvements • Charlotte Gateway Station Construction • Freight Rail and Rail Crossing Safety Improvement (FRRCSI) • STI Project Delivery • State Rail Plan update
ACTIONS TAKEN	No Action Taken

5. FERRY DIVISION UPDATE – HAROLD THOMAS, FERRY DIVISION DIRECTOR	
DISCUSSION SUMMARY	<p>Ferry Division's overall mission is connecting people, products and places safely and efficiently with customer focus, accountability and environmental sensitivity to enhance the economy and vitality of North Carolina.</p> <p>North Carolina Ferry System is the 2nd Largest State-operated Ferry System in the Nation to include 7 Scheduled Routes, 1 Emergency Route, 21 Ferries, Support Fleet (4 tugs, 3 barges, 1 crane barge, & 1 dredge), 13 terminals, State-owned Shipyard and 3 Field Maintenance Shops</p> <p>Ferry Accomplishments:</p> <ul style="list-style-type: none"> • Overtime Reduction Initiative • Career Fair 2019 • Vessel Construction Completion • Passenger Ferry Service Launch • ITRE Economic Contribution of the Ferry System to North Carolina • Smartsheet deployment for Facility Maintenance <p>Ongoing Initiatives</p> <ul style="list-style-type: none"> • Long-Range Plan Development • Workforce Initiatives • Community College Apprentice Program • Technology • Vessel Construction
ACTIONS TAKEN	No Action Taken



NORTH CAROLINA Department of Transportation



Bicycle and Pedestrian | Public Transportation Division Update

Hanna Cockburn, AICP
Bicycle, Pedestrian and Public Transportation Director
June 26, 2019

Bicycle and Pedestrian Division Programs & Services



Planning

- Local Planning Grants
- Regional Planning
- Statewide Plan
- State Bike Routes



Safety & Education

- SRTS
- Watch for Me NC
- Helmet Initiative
- Crash Analysis



Project Development

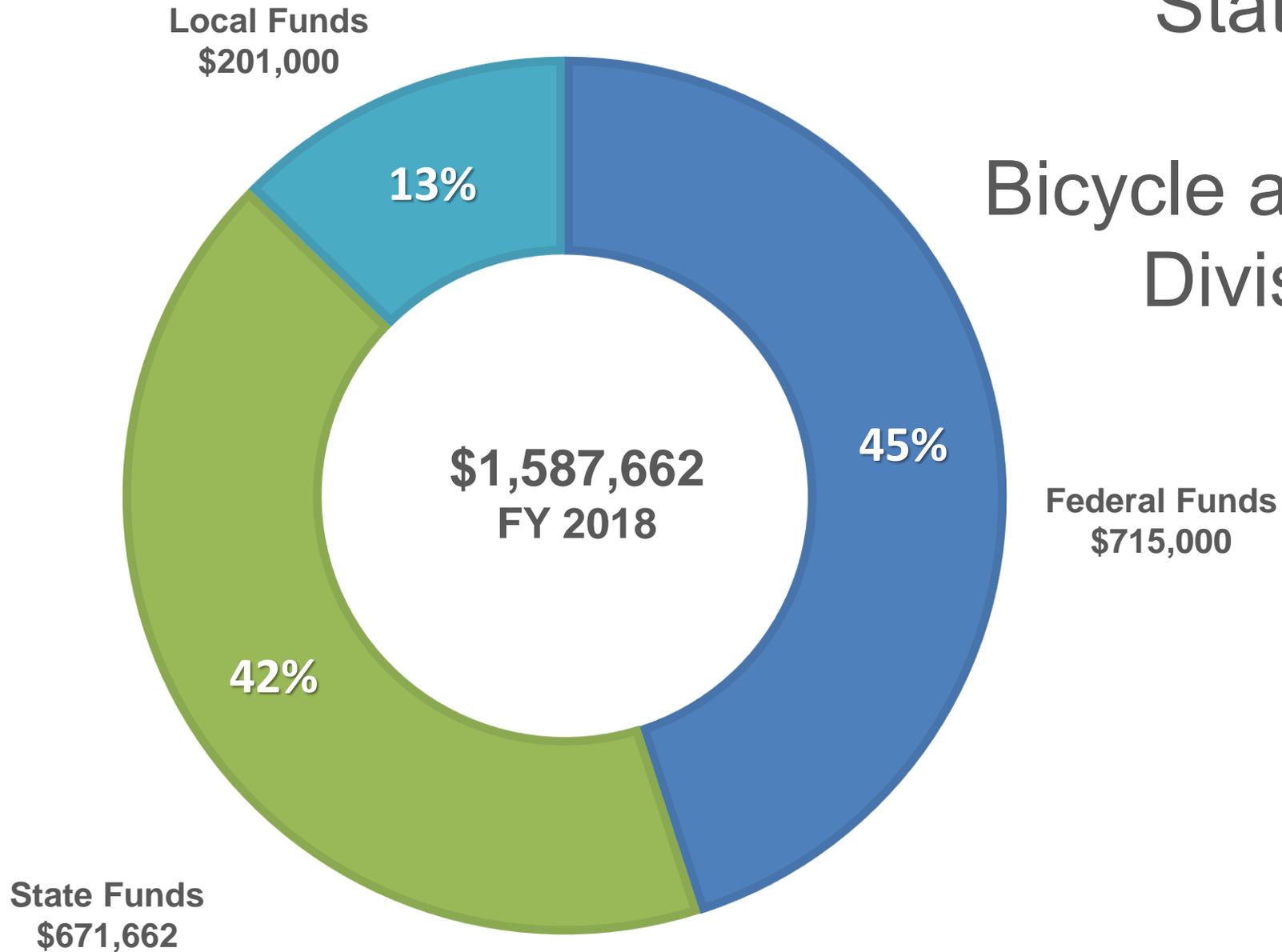
- Project Scoping
- Infrastructure Data
- Travel Counts
- Reporting Metrics



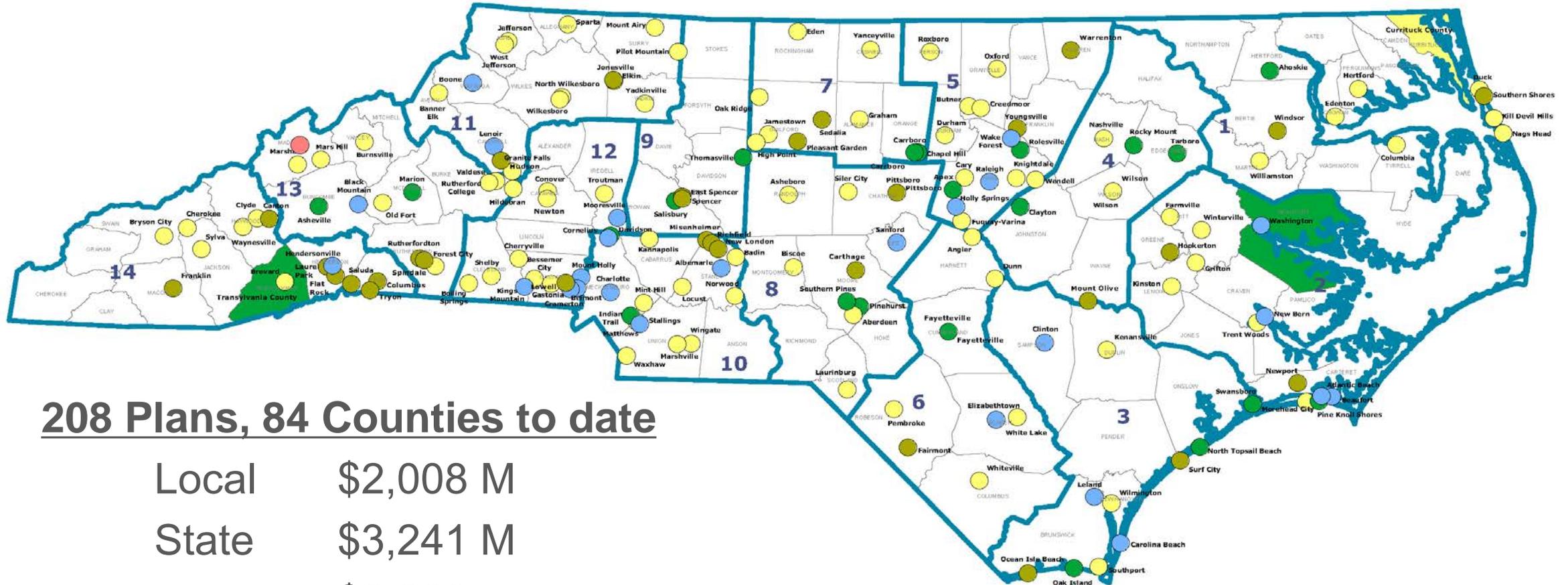
Project Delivery

- Locally Administered Project Delivery
- Partner Outreach
- Prioritization

State and Federal Investment in Bicycle and Pedestrian Division Programs



State Investments in Bicycle & Pedestrian Planning



208 Plans, 84 Counties to date

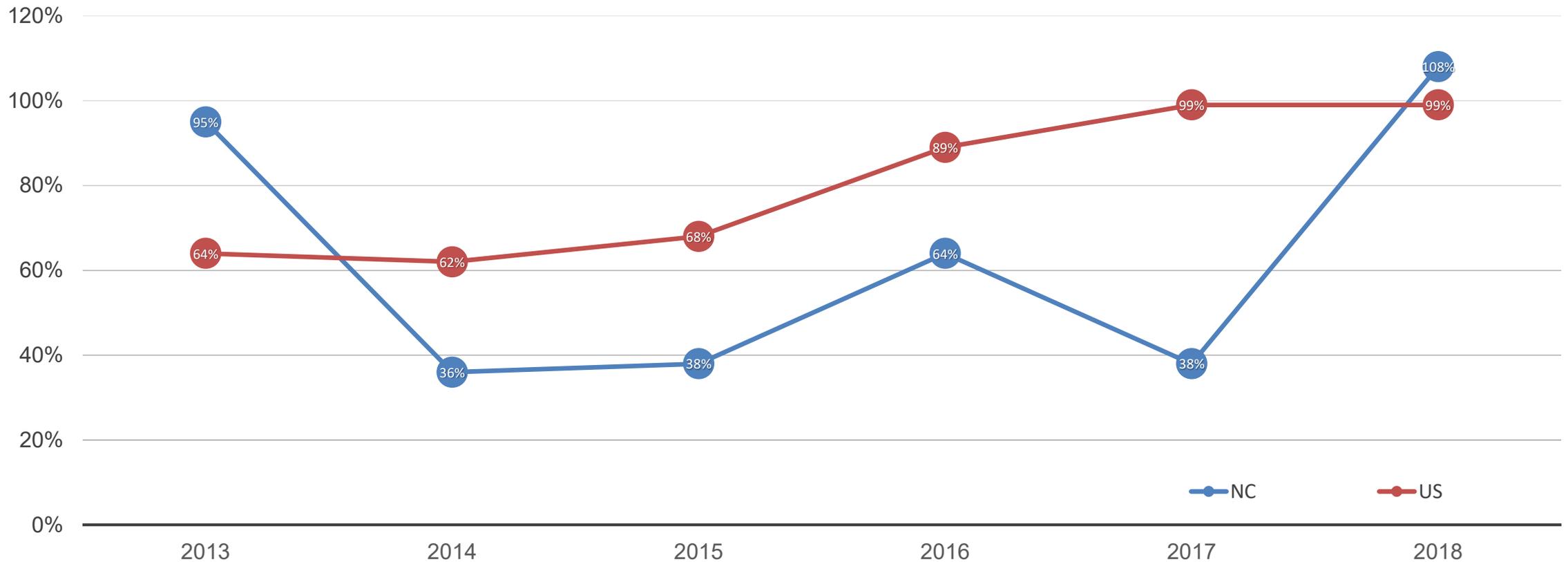
Local \$2,008 M

State \$3,241 M

Federal \$2,228 M

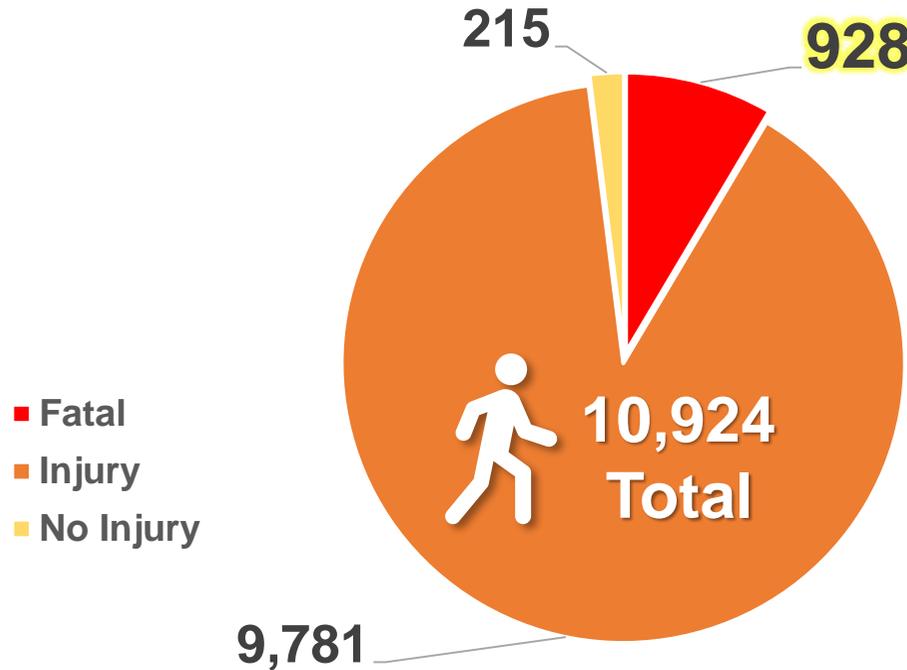
Federal Investments in Bicycle & Pedestrian Facilities

Transportation Alternatives Program (TAP) Fund Obligation Rate (%)



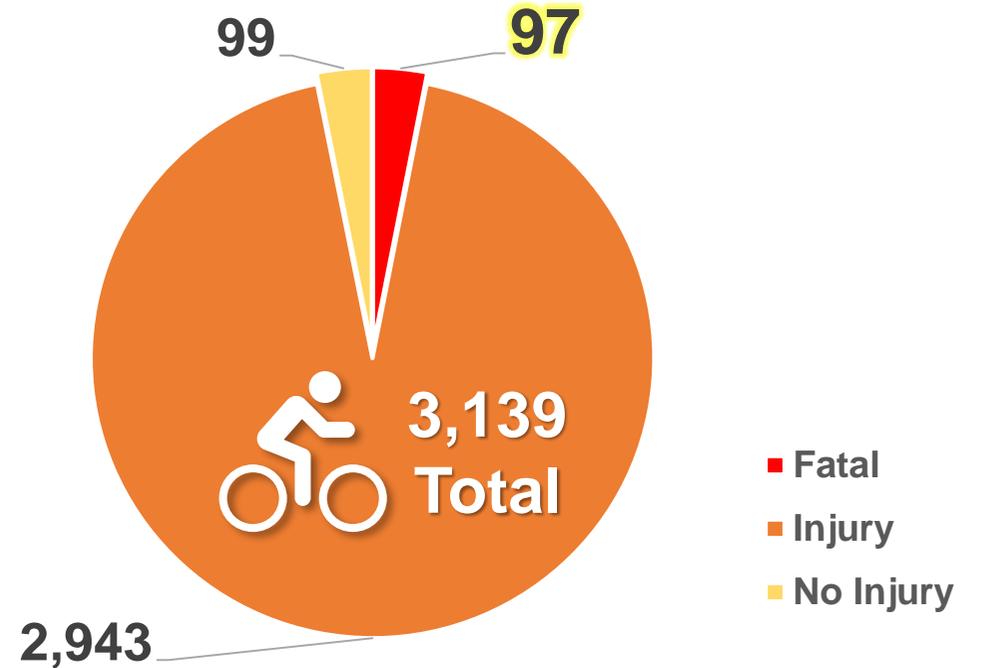
Bicycle & Pedestrian Safety Trends

Pedestrian Crashes, 2013-2017



NC 7th highest total pedestrian fatalities by state

Bicycle Crashes, 2013-2017



NC 8th highest rate of bicycle fatalities per capita

Public Transportation Division Programs & Services



Planning & Programming

- System Level Plans
- Regional Planning
- Statewide Plan
- System Oversight



Safety & Compliance

- Driver Training
- System Inspections
- Safety Policy Oversight
- Procurement



Grant Administration

- Grant Authorization
- Pass-Through Funding
- Accounting
- FTA Reporting

State Investments in Public Transportation

State Operating Assistance

- SMAP – 26 systems
- ROAP – all 100 counties, EBCI
- International Trade Show Transportation

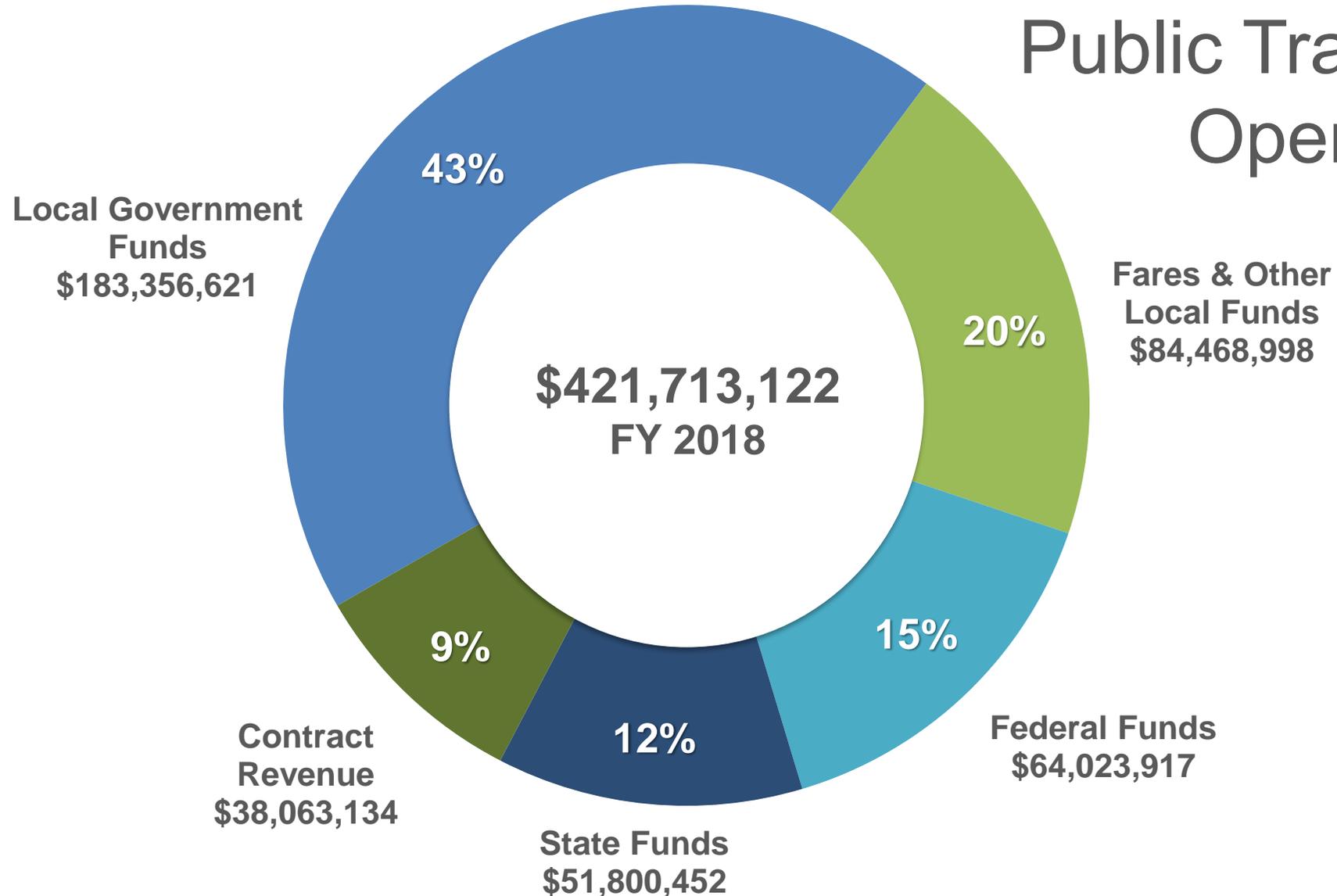
Federal Match Assistance

- Administration
- Capital
- Operating
- Planning

State Programs

- Intern and Apprentice
- Technology
- Transportation Demand Management

NC Investment in Public Transportation Operations



2018-19 Accomplishments



Synthesis of division strategic plans

Reduced subrecipient administrative burden

Updated SPOT 6.0 evaluation criteria

Pilot 'Project Acceleration' planning grant

2019-20 Initiatives



Complete Division merger

Complete Streets policy & implementation guide

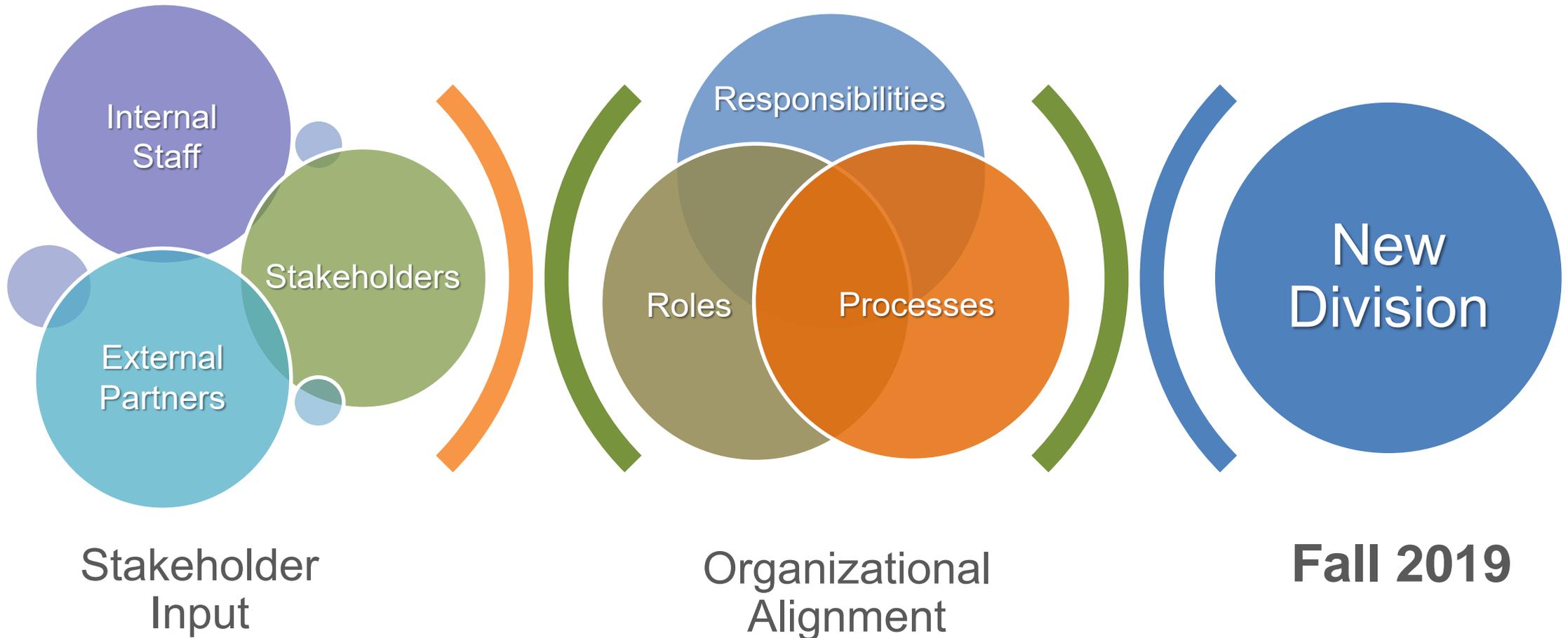
Update performance metrics

Launch division annual report



Three Modes...One Division

Merger Process



Merger Milestones

Listening Sessions Interviews & Surveys

- 31 interviews
- 93 surveys



Next Steps





NORTH CAROLINA

Department of Transportation



Bicycle and Pedestrian | Public Transportation NCDOT Division Overview

Hanna Cockburn, AICP

Bicycle & Pedestrian Transportation Director

Interim Public Transportation Director

jcockburn@ncdot.gov

919-707-2601

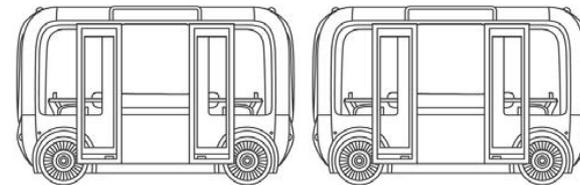


NORTH CAROLINA

Department of Transportation



Olli NC Deployment Project



Stephanie L. Sudano, P.E.
NCDOT Multimodal Special Projects Engineer

June 26, 2019

Meet
olli
by *local motors*



Coming to North Carolina at a location near you.....

Fall 2019

Two Olli Shuttles!



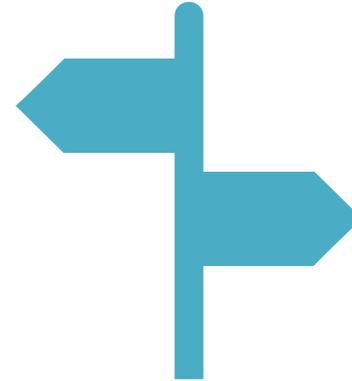
- NCDOT to partner with local communities – urban & rural
 - Fixed-route transit circulator



- Autonomous Level 4/5 (self-driving)
- Cognitive (IBM Watson)
- Electric
- 25mph max speed
- Operating speed 15-18 mph
- Seats 8-12 people
- 3-D printed

Why this project?

- Safety
- Efficiency and Convenience
- Mobility and Access

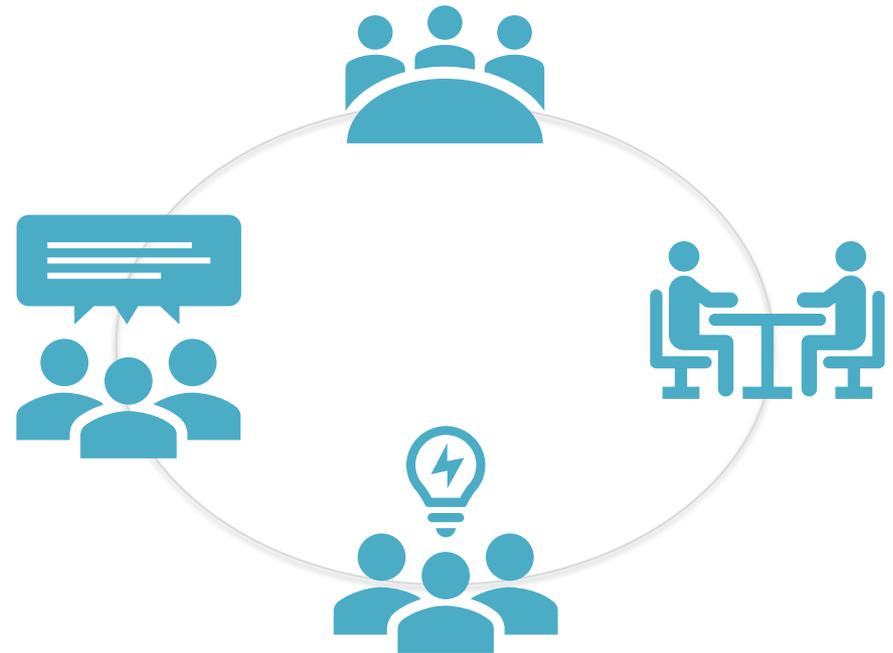


Why in NC?

- Enhanced transit services and customer experience
- Connected and autonomous vehicle as “first/last” mile solution
- Build awareness of newest transportation technologies
- Explore and enhance V2I technology to improve the State’s Traffic Management Systems
- Increase NC’s readiness for other autonomous technologies
- Prepare a climate for ripe for economic growth and job creation

Stakeholder Outreach, Engagement & Collaboration

- Other AV and Transit initiatives in NC
- Local Communities
- Universities
- Public Agencies
- Private Partners
- Other AV and Transit initiatives nationwide



Olli NC Project Delivery

Teams:



Olli NC Transit Deployment Team (Olli NC TDT)

- NCDOT Division Leaders
- Crosscutting disciplines involved



Olli NC Technical Oversight Team (Olli NC TOT)

- Small Internal Team
- Day to Day Oversight
- Technical Expertise



Olli NC Community Deployment Teams (Olli NC CDT)

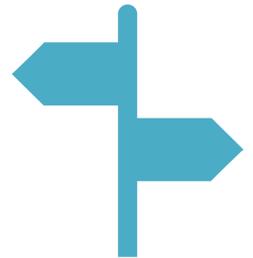
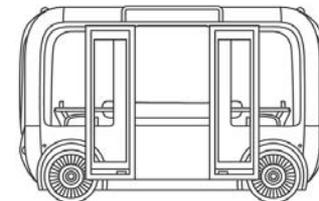
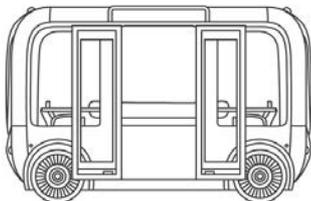
- Local leaders, city, town, and university leaders and staff members

Olli NC Project Timeline

- Phase 1: Deploy into two communities
- Phase 2: Olli NC Competition & Deployment into selected communities

Timeline:

- October 2019 – NC's Olli Shuttles are 3-D Printed
- November 2019 – Deployment Phase 1
- December 2019 – January 2020 Phase 2 Competition
- March 2020 – Deployment Phase 2
- November 2021 – Olli NC Transit Deployment ends



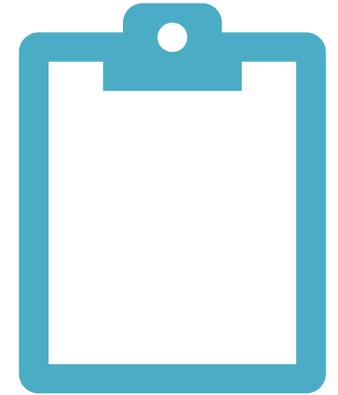
Stephanie L. Sudano, P.E.

NCDOT Multimodal Special Projects Engineer

ssudano@ncdot.gov

919-707-2611

Interested in learning more?
Ask me to add your name to our “Olli NC Friends” list!





ROAD/BRIDGE/FERRY NAMING COMMITTEE AGENDA

BOARD OF TRANSPORTATION JUNE 26, 2019

TIME: 9:00-10:00 AM

LOCATION: Room 160

TOPIC	PRESENTER	TIME
Call to Order Roll Call Declaration of Quorum Approval of June 5, 2019 Road/Bridge/Ferry Naming Committee Meeting Minutes	Mike Fox, Chair	9:00 AM
Review of Submitted Applications	Dom Ciaramitaro	9:05 AM
Dr Andrew A Best Bridge – 10 th Street Connector (SR 1598) Bridge over Dickinson Avenue (SR 1531), Pitt County, Division 2 (Taft)	Dom Ciaramitaro	9:10 AM
Dr Leo W Jenkins Highway – 10 th Street Connector (SR 1598) from US 13/ NC 11 to Evans Street (SR 1702), Pitt County, Division 2 (Taft)	Dom Ciaramitaro	9:15 AM
William M Sue Bridge – I-140 Bridge over US 74/76, Brunswick County, Division 3 (Alford)	Dom Ciaramitaro	9:20 AM
Senator James Speed – US 401 from Flat Rock Church Road (SR 1103) to Retail Way, Franklin County, Division 5 (Jordan)	Dom Ciaramitaro	9:25 AM
Lt George H Yarborough Highway – Section of Mt Harmony Church Road (SR 1721) from NC 158 to Allen Creek Road (SR 1730), Person County, Division 5 (Jordan)	Dom Ciaramitaro	9:30 AM
Ray Kelly Highway – NC 65 from Pannel Road (SR 2129) to County Home Road (SR 2371), Rockingham County, Rockingham County, Division 7 (Fox)	Dom Ciaramitaro	9:35 AM

Corporal Henry F Warner Bridge - NC 24/27 Bridge over Little River, Montgomery County, Division 8 (Molamphy)	Dom Ciaramitaro	9:40 AM
Officer Mark A Swaney Bridge – Griffith Street Bridge (SR 2158) over I-77, Mecklenburg County, Division 10 (Bowles)	Dom Ciaramitaro	9:45 AM
Jefferson Davis Highway (US 15 / US 1) Discussion	Dom Ciaramitaro, Kevin Lacy	9:50 AM
Adjourn	All	10:00 AM



WORKFORCE COMMITTEE MEETING MINUTES

DATE: 02/06/2019 TIME: 3:40 pm LOCATION: EIC

MEETING CALLED BY	Committee Chair Mike Fox opened the Workforce Committee meeting for business.
BOARD ATTENDEES	Board Members: Mike Fox, Mike Alford, Sam Bowles, Cullie Tarleton, Pat Molamphy, Hugh Overholt, Gus Tulloss, Jack Debnam.

AGENDA TOPICS

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

2. PILOT PROGRAM REPORT - BOBBY LEWIS P.E., CHIEF OPERATING OFFICER	
DISCUSSION SUMMARY	Mr. Lewis presented a copy of the "Pilot Program NCDOT Salary Adjustment and Retention Funds" report submitted to the General Assembly on Jan. 1, 2019. He reviewed highlights and key data points as well as discussed implementation timelines and next steps. In addition, Mr. Lewis provided updates on the DMV workforce study.
ACTIONS TAKEN	No actions taken.

3. RECRUITMENT UPDATE - BOBBY LEWIS P.E., CHIEF OPERATING OFFICER	
DISCUSSION SUMMARY	Mr. Lewis reviewed upcoming recruitment efforts including career fairs, expanding timelines on position postings and encouraging current employees to engage in recruitment.
ACTIONS TAKEN	No actions taken.



WORKFORCE COMMITTEE MEETING MINUTES

4. Next Steps – Full Committee	
DISCUSSION SUMMARY	Discussion with full board concerning industry wide need for engineers and applicable operations and trades employees. Focus should be on overall workforce development, expanding engineering programs, meeting with community colleges
ACTIONS TAKEN	No actions taken.

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



WORKFORCE COMMITTEE AGENDA

BOARD OF TRANSPORTATION JUNE 26, 2019

START TIME: 10:30 a.m.

LOCATION: EIC

TOPIC	PRESENTER	TIME
Call to Order Roll Call Ethics Statement Declaration of Quorum Approval of February 6, 2019 minutes	Mike Fox, Chair	5 minutes
DMV Workforce Pilot Update and Recruitment and Retention Update	Bobby Lewis, P.E., COO	30 minutes
Next Steps	Mike Fox, Chair Bobby Lewis, P.E., COO All committee members	15 minutes
Adjourn	Mike Fox, Chair	

RESOLUTION FOR HAROLD LEE FRANK

WHEREAS, the Davie County Board of Commissioners would like to recognize and honor the distinguished service and accomplishments of Harold Lee Frank; and

WHEREAS, Frank has given unselfishly of his time and had worked diligently to advance the well-being of his community and country; and

WHEREAS, Frank has garnered many accolades during his long history of private life and military service; and

WHEREAS, Frank is the last living WWII prisoner of war residing in Davie County following his capture and nine months imprisonment in a German prisoner-of-war camp; and

WHEREAS, Frank has been awarded a Purple Heart, Bronze Star, Legion of Merit and has been named a knight in the National Order of the Legion of Honor by the president of the French Republic; and

WHEREAS, Frank has given tirelessly to his local community by assisting in the founding of the Cornatzer-Dulin Volunteer Fire Department in 1955 and serving as its Chief on multiple occasions; and

WHEREAS, Frank was instrumental in the construction of the Cornatzer United Methodist church where he attended for more than 70 years and served in numerous leadership roles; and

WHEREAS, Frank was presented the Order of the Long Leaf Pine by Representative Julia Howard for his service to the State of North Carolina; and

WHEREAS, the Davie County Board of Commissioners unanimously request that the North Carolina Department of Transportation consider naming a portion of U.S. 64 East through Davie County to honor Harold Lee Frank.

NOW, THEREFORE, BE IT RESOLVED:

That the North Carolina Board of Transportation names a portion of U.S. 64 from N.C. 801 to Yadkin River Bridge in Davie County as the *Harold Lee Frank Highway*.

That appropriate signs will be erected at a suitable time.

Adopted this the 27th day of June 2019 by the North Carolina Board of Transportation.


Chairman


Secretary of Transportation