



# **MEETING AGENDA**

## **North Carolina Board of Transportation**

Embassy Suites Fayetteville/Fort Bragg  
and Richard M Wiggins Conference Center  
4760 Lake Valley Drive, Fayetteville, NC 28303  
**April 30, May 1-2, 2019**

**Please note the change in meeting location and time for Thursday's meeting:**

8:00am - Embassy Suites Fayetteville/Fort Bragg & Richard M Wiggins Conference Center (Victory Ballroom)  
4760 Lake Valley Drive, Fayetteville, NC 28303

**TUESDAY, April 30, 2019**

**5:00PM**

Campbell University and surrounding region

Campbell University  
143 Main Street, Buies Creek, NC 27506

Members of the Board of Transportation will participate in a campus tour and will hear presentations from local transportation leaders.

**WEDNESDAY, May 1, 2019**

**8:30AM – 3:30PM**

North Carolina Department of Transportation, Division Six Region and  
US Army Installation Management Command Headquarters  
2175 Reilly Road  
Fort Bragg, NC 28310-5000

Members of the Board of Transportation will participate in a tour that includes various transportation projects throughout Division Six and hear presentations from military leaders and local transportation leaders. The tour will include Fort Bragg, a military installation of the United States Army that by population is the largest military installation in the world.

**5:00PM – 7:00PM**

US Army Airborne and Special Operations Museum  
100 Bragg Blvd. Fayetteville, NC 28301

- **5:00PM – 6:00PM**

Members of the Board of Transportation will tour the US Army Airborne and Special Operations Museum.

- **6:00PM – 7:00PM**

Chairman Fox will call to order a brief meeting of the Board of Transportation. The Board will consider the Airborne and Special Operations Highway as an overlay designation for the entire portion of I-295, in both present state and future extensions – from I-95 to I-95.

The remaining business of the Board will occur during their official meeting on Thursday, May 2, 2019.

# **NORTH CAROLINA BOARD OF TRANSPORTATION MEETING**

**THURSDAY, May 2, 2019**

**Start Time: 8:00AM**

**Location**

Embassy Suites Fayetteville/Fort Bragg  
and Richard M Wiggins Conference Center  
Victory Ballroom  
4760 Lake Valley Drive, Fayetteville, NC 28303

- |   |  |
|---|--|
| • <b>Call to Order</b>                                | Chairman Fox                           |
| • <b>Ethics Statement</b>                             | Chairman Fox                           |
| • <b>Approval of April 4, 2019 Meeting Minutes</b>    | Chairman Fox                           |
| • <b>Fort Bragg Partnership Update</b>                | Colonel Kyle Reed and Secretary Trogon |
| • <b>Road and Bridge Naming Honorary Designations</b> | Chairman Fox                           |
| • <b>Secretary's Remarks</b>                          | Secretary Trogon                       |

## **INFORMATION AND DELEGATED AUTHORITY**

- |                 |   |
|-----------------|---|
| <b>(Item C)</b> | Award of Highway Construction Contracts from April 2019 Letting   |
| <b>(Item D)</b> | Award of Contracts to Private Firms for Engineering Services  |
| <b>(Item E)</b> | Funds for Secondary Road Improvement Projects – Highway Fund<br>and Highway Trust Fund                                    |
| <b>(Item H)</b> | Approval of Funds for Division-wide Small Construction, Statewide<br>Contingency, Public Access, and Economic Development |
| <b>(Item L)</b> | Approval of Funds for Specific Spot Safety Improvement Projects   |

Fayetteville Chamber of Commerce Update	Christine Michaels, President and CEO
Fayetteville Area Metropolitan Planning Organization (FAMPO) Update	Joel Strickland, Executive Director
I-95 and Flood Resiliency Study Update	Greg Burns, Division Six Engineer and Staff
Product Evaluation Program Awareness	Chairman Fox

## **ACTION**

Chairman Fox

### **Approval of Projects**

- |                 |   |
|-----------------|---|
| <b>(Item G)</b> | Additions and Abandonments to State Secondary Road System   |
| <b>(Item I)</b> | Public Transportation Program <ul style="list-style-type: none"><li>• (Item I-1A) Public Transportation</li><li>• (Item I-2) Rail Program</li><li>• (Item I-3) Bicycle and Pedestrian</li><li>• (Item I-4) Aviation</li></ul> |
| <b>(Item K)</b> | North Carolina Highway Trust Funds  |
| <b>(Item M)</b> | Funds for Specific Federal-Aid Projects   |
| <b>(Item N)</b> | Revisions to the 2018-2027 STIP   |
| <b>(Item O)</b> | Municipal and Special Agreements  |
| <b>(Item P)</b> | Municipal Street System Changes   |
| <b>(Item R)</b> | Right of Way Resolutions and Ordinances   |
| <b>(Item T)</b> | Submission of Comprehensive Transportation Plans for Mutual Adoption by the Board of<br>Transportation  |

**Other Business**  
**Adjourn**

Chairman Fox  
Chairman Fox

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

**May 1-2, 2019**

Delegated Authority ..... Secretary Trogon

- (Item C)     Award of Highway Construction Contracts from April 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
- (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
  - (Item I-4)     Aviation
- (Item J)     Specific State Funds for Construction Projects **(Item K now replaces Item J)**
- (Item K)     North Carolina Highway Trust Funds
- (Item M)     Funds for Specific Federal-Aid Projects
- (Item N)     Revisions to the 2018-2027 STIP
- (Item O)     Municipal and Special Agreements
- (Item P)     Municipal Street System Changes
- (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
- (Item V)     **(No Item this Month)**

# **NCDOT Board of Transportation Agenda**

## **ITEM C**

**APRIL 16, 2019**

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

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

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ITEM C

C204206  
40089.3.1  
STATE FUNDED  
BERTIE  
B-4916

PROPOSAL LENGTH 0.179 MILES

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

LOCATION BRIDGE #57 OVER QUIOCCOSION SWAMP ON US-13.

EST CONST PROGRESS.... FY-2019..12% OF BID  
FY-2020..88% OF BID

RPN 003 3 BIDDER(S) DBE GOAL 5.00 %  
ESTIMATE 2,149,174.55

DATE AVAILABLE MAY 28 2019

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

FINAL COMPLETION NOV 28 2020

	\$ TOTALS	% DIFF
DANE CONSTRUCTION INC MOORESVILLE, NC	2,467,847.36	+14.8
T A LOVING COMPANY GOLDSBORO, NC	2,471,004.19	+15.0
S T WOOTEN CORPORATION WILSON, NC	2,548,879.40	+18.6

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HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
APRIL 16, 2019  
DIVISION 00005

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C202581  
38664.3.3  
STPDA-0537(2)  
ORANGE, DURHAM  
EB-4707A

PROPOSAL LENGTH 0.960 MILES

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

LOCATION SR-1838/SR-2220 FROM US-15/501 IN ORANGE COUNTY TO SR-1113 IN DURHAM COUNTY.

EST CONST PROGRESS.... FY-2019..10% OF BID  
FY-2020..85% OF BID  
FY-2021..05% OF BID

RPN 004                      3 BIDDER(S)              DBE GOAL 12.00 %  
ESTIMATE 4,978,374.15

DATE AVAILABLE MAY 28 2019

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

FINAL COMPLETION FEB 15 2021

	\$ TOTALS	% DIFF
S T WOOTEN CORPORATION WILSON, NC	4,614,460.00	-7.3
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	5,193,915.00	+4.3
CAROLINA SUNROCK LLC RALEIGH, NC	5,441,201.76	+9.3

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HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
APRIL 16, 2019  
DIVISION 00005

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C204325  
45634.3.1  
STATE FUNDED  
VANCE  
B-5679

PROPOSAL LENGTH 0.095 MILES

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

LOCATION BRIDGE #70 OVER FLAT CREEK ON SR-1326.

EST CONST PROGRESS.... FY-2019..13% OF BID  
FY-2020..87% OF BID

RPN 005                      5 BIDDER(S)              DBE GOAL 6.00 %  
ESTIMATE 937,646.76

DATE AVAILABLE MAY 28 2019

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

FINAL COMPLETION OCT 28 2020

	\$ TOTALS	% DIFF
NATIONAL BRIDGE BUILDERS LLC KERNERSVILLE, NC	892,464.20	-4.8
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	897,900.00	-4.2
S T WOOTEN CORPORATION WILSON, NC	921,432.85	-1.7
DANE CONSTRUCTION INC MOORESVILLE, NC	1,059,491.30	+13.0
CONTI ENTERPRISES, INC EDISON, NJ	1,280,757.00	+36.6

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HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
APRIL 16, 2019  
DIVISION 00005

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C204211  
45982.3.2  
STBG-0505(084)  
DURHAM  
U-5968

PROPOSAL LENGTH 0.163 MILES  
TYPE OF WORK ITS AND SIGNAL SYSTEM UPGRADE.  
LOCATION CITY OF DURHAM.

EST CONST PROGRESS.... FY-2019..02% OF BID  
FY-2020..28% OF BID  
FY-2021..24% OF BID  
FY-2022..19% OF BID  
FY-2023..16% OF BID  
FY-2024..10% OF BID  
FY-2025..01% OF BID

RPN 006 2 BIDDER(S) DBE GOAL 0.00 %  
ESTIMATE 18,236,380.00

DATE AVAILABLE MAY 28 2019  
FINAL COMPLETION AUG 01 2024

	\$ TOTALS	% DIFF
BROOKS BERRY HAYNIE & ASSOCIATES, INC. MABLETON, GA	19,062,229.77	+4.5
ALS OF NORTH CAROLINA LLC SALISBURY, NC	21,369,257.00	+17.2

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HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
APRIL 16, 2019  
DIVISION 00005

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C204324  
46379.3.1  
STATE FUNDED  
GRANVILLE  
R-5707

PROPOSAL LENGTH 0.352 MILES  
TYPE OF WORK GRADING, DRAINAGE, PAVING, AND SIGNALS.  
LOCATION NC-56 AT US-15 AND NC-50 IN CREEDMOOR.

EST CONST PROGRESS.... FY-2019..12% OF BID  
FY-2020..88% OF BID

RPN 007 3 BIDDER(S) DBE GOAL 10.00 %  
ESTIMATE 3,370,844.49

DATE AVAILABLE MAY 28 2019  
INTER COMPLETION JUN 01 2020 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR  
PERMANENT VEGETATION ESTBLISHMENT  
FINAL COMPLETION NOV 28 2020

	\$ TOTALS	% DIFF
CAROLINA SUNROCK LLC RALEIGH, NC	3,472,471.47	+3.0
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	3,735,373.00	+10.8
S T WOOTEN CORPORATION WILSON, NC	4,035,721.00	+19.7

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HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
APRIL 16, 2019  
DIVISION 00005

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C204196  
37673.3.GV3  
NHP-0540(041)  
WAKE  
R-2721A

PROPOSAL LENGTH 4.356 MILES

TYPE OF WORK DESIGN BUILD.

LOCATION NC-540 - TRIANGLE EXPRESSWAY SOUTHEAST EXTENSION FROM NC-55 BYPASS TO EAST OF PIERCE OLIVE ROAD.

EST CONST PROGRESS.... FY-2019..01% OF BID  
FY-2020..36% OF BID  
FY-2021..28% OF BID  
FY-2022..20% OF BID  
FY-2023..12% OF BID  
FY-2024..03% OF BID

RPN 011 4 BIDDER(S) DBE GOAL 12.00 %  
ESTIMATE 204,838,000.00

DATE AVAILABLE MAY 28 2019

INTER COMPLETION MAY 04 2023 COMPLETE ALL WORK REQUIRED OF ITS/AET INFRASTRUCTURE ONE HUNDRED TWENTY (120) DAYS PRIOR TO PROJECT'S COMPLETION DATE

FINAL COMPLETION JAN 01 2024

QUALITY ADJUSTED PRICE RANKING

PROPOSAL	TECH SCORE	QUALITY CREDIT %	ACTUAL CONT AMT (PRICE PROP)	ACT % DIFF	QUALITY VALUE	CONT AWARD BASIS (ADJ PRICE)	ADJ % DIFF
FLATIRON BRANCH CIVIL A JOINT VENTURE	95.20	16.80	183,459,000.00	-10.4	30,821,112.00	152,637,888.00	-25.5
GRANITE-FRED SMITH, A JOINT VENTURE	90.90	13.90	184,085,000.00	-10.1	25,587,815.00	158,497,185.00	-22.6
ARCHER WESTERN CONSTRUCTION LLC	96.00	17.30	202,470,000.00	-1.2	35,027,310.00	167,442,690.00	-18.3
THE LANE BLYTHE CONSTRUCTION JV	94.20	16.10	206,486,852.00	+0.8	33,244,383.17	173,242,468.83	-15.4

PROPOSAL	PROPOSED COMPLETION DATE
FLATIRON BRANCH CIVIL A JOINT VENTURE	NOV 23 2022
GRANITE-FRED SMITH, A JOINT VENTURE	NOV 17 2022
ARCHER WESTERN CONSTRUCTION LLC	SEP 07 2022

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

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PROPOSAL

PROPOSED COMPLETION  
DATE

THE LANE BLYTHE CONSTRUCTION JV

NOV 24 2022

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HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
APRIL 16, 2019  
DIVISION 00007

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C204078  
40174.3.1  
STATE FUNDED  
ORANGE  
B-4962

PROPOSAL LENGTH 0.296 MILES

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

LOCATION BRIDGE #46 OVER ENO RIVER ON US-70 BYPASS.

EST CONST PROGRESS.... FY-2019..05% OF BID  
FY-2020..61% OF BID  
FY-2021..34% OF BID

RPN 008                      7 BIDDER(S)              DBE GOAL 2.00 %  
ESTIMATE 6,431,655.02

DATE AVAILABLE              MAY 28 2019  
INTER COMPLETION              JUL 01 2021 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR  
PERMANENT VEGETATION ESTABLISHMENT  
FINAL COMPLETION              DEC 28 2021

	\$ TOTALS	% DIFF
CONTI ENTERPRISES, INC EDISON, NJ	4,863,757.00	-24.4
NATIONAL BRIDGE BUILDERS LLC KERNERSVILLE, NC	5,082,327.70	-21.0
SMITH-ROWE, LLC MOUNT AIRY, NC	5,291,479.59	-17.7
ENGLISH CONSTRUCTION CO INC LYNCHBURG, VA	6,064,538.57	-5.7
ZACHRY CONSTRUCTION CORPORATION SAN ANTONIO, TX	6,375,355.07	-0.9
THALLE CONSTRUCTION CO., INC. HILLSBOROUGH, NC	6,587,507.55	+2.4
DANE CONSTRUCTION INC MOORESVILLE, NC	7,226,072.13	+12.4

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HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
APRIL 16, 2019  
DIVISION 00008

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C204179  
40162.3.1  
STATE FUNDED  
CHATHAM, LEE  
B-4968

PROPOSAL LENGTH 0.947 MILES

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

LOCATION BRIDGE # 10 OVER DEEP RIVER ON US-15/501 AND NC-87.

EST CONST PROGRESS.... FY-2019..05% OF BID  
FY-2020..63% OF BID  
FY-2021..32% OF BID

RPN 009 9 BIDDER(S) DBE GOAL 4.00 %  
ESTIMATE 8,210,672.76

DATE AVAILABLE MAY 28 2019  
INTER COMPLETION JUN 01 2021 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR  
PERMANENT VEGETATION ESTABLISHMENT  
FINAL COMPLETION NOV 28 2021

	\$ TOTALS	% DIFF
SMITH-ROWE, LLC MOUNT AIRY, NC	8,861,891.53	+7.9
ENGLISH CONSTRUCTION CO INC LYNCHBURG, VA	9,073,163.79	+10.5
UNITED INFRASTRUCTURE GROUP INC CHARLOTTE, NC	9,263,047.68	+12.8
VECELLIO & GROGAN INC DBA SHARPE BROTHERS BECKLEY, WV	9,345,290.44	+13.8
NATIONAL BRIDGE BUILDERS LLC KERNERSVILLE, NC	9,526,449.55	+16.0
CONTI ENTERPRISES, INC EDISON, NJ	9,741,757.00	+18.6
SLOAN CONSTRUCTION A DIVISION OF REEVES CONSTRUCTION CO DUNC.	9,812,212.72	+19.5
CROWDER CONSTRUCTION COMPANY CHARLOTTE, NC	9,873,337.95	+20.3
DANE CONSTRUCTION INC MOORESVILLE, NC	10,649,204.23	+29.7

HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
APRIL 16, 2019  
DIVISION 00009

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C204244  
53061.3.GV1  
NHPP-0085(019)  
ROWAN  
I-5858

PROPOSAL LENGTH 10.888 MILES

TYPE OF WORK PAVEMENT REHABILITATION AND BRIDGE PRESERVATION.

LOCATION I-85 FROM US-29/601 IN CHINA GROVE TO US-601 IN SALISBURY & FROM S OF US-52 IN  
SALISBURY TO N OF SR-2120 IN SPENCER.

EST CONST PROGRESS.... FY-2020..86% OF BID  
FY-2021..14% OF BID

RPN 010 6 BIDDER(S) DBE GOAL 8.00 %  
ESTIMATE 13,771,231.53

DATE AVAILABLE JUL 01 2019

FINAL COMPLETION NOV 01 2020

	\$ TOTALS	% DIFF
BLYTHE DEVELOPMENT CO CHARLOTTE, NC	16,273,639.18	+18.2
NJR GROUP INC ALBEMARLE, NC	16,299,801.42	+18.4
CROWDER CONSTRUCTION COMPANY CHARLOTTE, NC	18,014,956.09	+30.8
DIAMOND SURFACE INC ROGERS, MN	18,528,027.17	+34.5
THE LANE CONSTRUCTION CORPORATION CHESHIRE, CT	18,894,330.50	+37.2
J T RUSSELL & SONS INC ALBEMARLE, NC	20,304,734.10	+47.4

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ESTIMATE TOTAL	262,923,979.26	
LETTING TOTAL	243,967,760.51	-7.2

**NCDOT May 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**

**Deputy Secretary for Multi-Modal Transportation**

**Rail 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:	2017 Rail Crossing Safety LSC
Firm:	HNTB of North Carolina PC, Raleigh, NC
Original Engineering Fee:	\$750,000.00
Supplemental Fee:	\$1,000,000.00
SPSF Utilization:	0%

Description of work:	2017 Rail Crossing Safety LSC
Firm:	Kimley-Horn & Associates Inc, Raleigh, NC
Original Engineering Fee:	\$750,000.00
Supplemental Fee:	\$2,000,000.00
SPSF Utilization:	0%

Description of work:	2017 Rail Crossing Safety LSC
Firm:	Simpson Engineers & Associates PC, Cary, NC
Original Engineering Fee:	\$5,000,000.00
Supplemental Fee:	\$1,000,000.00
DBE/MBE/SPSF Utilization:	100%

Description of work:	2017 Rail Crossing Safety LSC
Firm:	WSP USA Inc, Raleigh, NC
Original Engineering Fee:	\$750,000.00
Supplemental Fee:	\$1,000,000.00
SPSF Utilization:	0%

## Chief Operating Officer

### Chief Engineer

#### Transportation Mobility and Safety Division

After careful evaluation of the workload and schedules of the work that can be accomplished by our staff, it was determined necessary to employ a private firm for Incident Management on an as needed basis for various federal-aid and state funded projects to support the Traffic Systems Operations Section. This contract will expire three (3) years after the date of execution (with two (2) optional one-year extensions possible) 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 Incident Management (IM) LSC
Firm:	Kimley-Horn & Associates Inc, Raleigh, NC
Maximum Engineering Fee:	\$30,000,000.00
SPSF Utilization:	0%

### Deputy Chief Engineer

#### Design-Build

The Secretary of Transportation awarded a Design-Build contract in February 2019 for the NC 540 – Triangle Expressway Southeast Extension from east of Pierce Olive Road (SR 1389) to east of US 401 (Fayetteville Road) in Wake County, a distance of 4.924 miles. The project was awarded to Flatiron-Branch Civil, a Joint Venture. In accordance with the policies and procedures adopted by the Board, a Design-Build team who was not awarded the project can request payment of a stipend to recover part of the expense of preparation of their proposal. We have received a request for payment of the stipend from the following firms. These are for information only.

Project:	(37673.1.TA1) (R-2721B)
Firm:	Archer Western Construction LLC, Raleigh, NC
Stipend Amount:	\$175,000.00
SPSF Utilization:	0%

Project:	(37673.1.TA1) (R-2721B)
Firm:	The Lane-Blythe Development JV, Charlotte, NC
Stipend Amount:	\$175,000.00
SPSF Utilization:	0%

Project:	(37673.1.TA1) (R-2721B)
Firm:	Granite-Fred Smith, A Joint Venture, Tampa, FL
Stipend Amount:	\$175,000.00
SPSF Utilization:	0%

May 2, 2019



## Highway Operations

### Operations Program Management

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

#### STATEWIDE

Description of work:	2017 Staff Full-Time Equivalents (FTE) On-site for GIS/Engineering Technician and GIS Analyst
Firm:	Timmons Group Inc, Raleigh, NC
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$300,000.00
SPSF Utilization:	0%

## Field Support

### Utilities Unit

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:	2016 Utilities Design Engineering Services LSC
Firm:	Dewberry Engineers Inc, Raleigh, NC
Original Engineering Fee:	\$500,000.00
Previous Supplemental Fee:	\$200,000.00
Supplemental Fee:	\$100,000.00
SPSF Utilization:	0%

Description of work:	2016 Utilities Design Engineering Services LSC
Firm:	Rummel Klepper & Kahl LLP, Raleigh, NC
Original Engineering Fee:	\$500,000.00
Supplemental Fee:	\$200,000.00
SPSF Utilization:	0%

### Utilities Unit

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:	2016 Utilities Coordination Services LSC
Firm:	TELICS, Pineville, NC
Original Engineering Fee:	\$500,000.00
Previous Supplemental Fee:	\$400,000.00
Supplemental Fee:	\$200,000.00
SPSF Utilization:	0%

Description of work:	2016 Utilities Coordination Services LSC
Firm:	Cardno Inc, Dallas, TX
Original Engineering Fee:	\$500,000.00
Supplemental Fee:	\$100,000.00
SPSF Utilization:	0%

### Structures Management Unit

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 Structures Management Support LSC
Firm:	AECOM Technical Services of North Carolina Inc, Chicago, IL
Original Engineering Fee:	\$7,000,000.00
Supplemental Fee:	\$1,000,000.00
SPSF Utilization:	0%

Description of work:	2017 Structures Management Support LSC
Firm:	Alpha & Omega Group PC, Raleigh, NC
Original Engineering Fee:	\$3,000,000.00
Supplemental Fee:	\$1,000,000.00
SPSF Utilization:	100%

Description of work:	2017 Structures Management Support LSC
Firm:	Conzor Engineers LLC, Lakewood, CO
Original Engineering Fee:	\$3,000,000.00
Supplemental Fee:	\$1,000,000.00
DBE/MBE Utilization:	100%

Description of work:	2017 Structures Management Support LSC
Firm:	Gannett Fleming Inc, Philadelphia, PA
Original Engineering Fee:	\$5,000,000.00
Supplemental Fee:	\$4,000,000.00
SPSF Utilization:	0%
Description of work:	2017 Structures Management Support LSC
Firm:	HDR Engineering Inc of the Carolinas, Chicago, IL
Original Engineering Fee:	\$7,000,000.00
Supplemental Fee:	\$1,000,000.00
SPSF Utilization:	0%
Description of work:	2017 Structures Management Support LSC
Firm:	Kimley-Horn and Associates Inc, Raleigh, NC
Original Engineering Fee:	\$3,000,000.00
Supplemental Fee:	\$1,000,000.00
SPSF Utilization:	0%
Description of work:	2017 Structures Management Support LSC
Firm:	Modjeski and Masters Inc, Mechanicsburg, PA
Original Engineering Fee:	\$3,000,000.00
Supplemental Fee:	\$1,000,000.00
SPSF Utilization:	0%
Description of work:	2017 Structures Management Support LSC
Firm:	Stewart, Philadelphia, PA
Original Engineering Fee:	\$3,000,000.00
Supplemental Fee:	\$1,000,000.00
SPSF Utilization:	0%
Description of work:	2017 Structures Management Support LSC
Firm:	STV Engineers, Inc., Charlotte, NC
Original Engineering Fee:	\$3,000,000.00
Supplemental Fee:	\$1,000,000.00
SPSF Utilization:	0%
Description of work:	2017 Structures Management Support LSC
Firm:	Wetherill Engineering, Inc., Raleigh, NC
Original Engineering Fee:	\$7,000,000.00
Supplemental Fee:	\$1,000,000.00
DBE/WBE/SPSF Utilization:	100%

### Value Management

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:	2015 Value Engineering and Related Life-Cycle Cost Analysis LSC
Firm:	Michael Baker Engineering, Inc., Cary, NC
Original Engineering Fee:	\$200,000.00
Supplemental Fee:	\$500,000.00
SPSF Utilization:	0%

Description of work:	2015 Value Engineering and Related Life-Cycle Cost Analysis LSC
Firm:	HDR Engineering Inc of the Carolinas, Chicago, IL
Original Engineering Fee:	\$200,000.00
Supplemental Fee:	\$500,000.00
SPSF Utilization:	0%

Description of work:	2015 Value Engineering and Related Life-Cycle Cost Analysis LSC
Firm:	Mott MacDonald I&E LLC, Pittsburgh, PA
Original Engineering Fee:	\$200,000.00
Supplemental Fee:	\$500,000.00
SPSF Utilization:	0%

Description of work:	2015 Value Engineering and Related Life-Cycle Cost Analysis LSC
Firm:	MBP, Raleigh, NC
Original Engineering Fee:	\$100,000.00
Supplemental Fee:	\$500,000.00
DBE/WBE/SPSF Utilization:	Wetherill Engineering, Inc. 15% / \$75,000.00

Description of work:	2015 Value Engineering and Related Life-Cycle Cost Analysis LSC
Firm:	Dewberry Engineers Inc, Raleigh, NC
Original Engineering Fee:	\$100,000.00
Supplemental Fee:	\$500,000.00
DBE/WBE/SPSF Utilization:	Planning Communities, LLC 5% / \$25,000.00

## **Divisions**

### **Divisions**

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

#### **DIVISIONS 1, 2, 3, 4, and 6**

Description of work:	2015 Eastern Region Highway Divisions (Divisions 1, 2, 3, 4, and 6) Planning and Design LSC
Firm:	RS&H Architects-Engineers-Planners, Inc., Charlotte, NC
Original Engineering Fee:	\$3,000,000.00
Previous Supplemental Fee:	\$7,000,000.00
Supplemental Fee:	\$4,000,000.00
SPSF Utilization:	Carolina Ecosystems Inc 2.5% / \$100,000.00
DBE/WBE/SPSF Utilization:	Planning Communities, LLC 5% / \$200,000.00
SPSF Utilization:	Commonwealth Heritage Group Inc 2% / \$80,000.00

Description of work:	2015 Eastern Region Highway Divisions (Divisions 1, 2, 3, 4, and 6) Planning and Design LSC
Firm:	The Louis Berger Group Inc, Morristown, NJ
Original Engineering Fee:	\$3,000,000.00
Previous Supplemental Fee:	\$2,000,000.00
Supplemental Fee:	\$1,000,000.00
DBE/MBE/SPSF Utilization:	Accelerate Engineering PLLC 2% / \$20,000.00
SPSF Utilization:	American Engineering Associates Southeast PA 4% / \$40,000.00
DBE/WBE/SPSF Utilization:	CH Engineering PLLC 5% / \$50,000.00
DBE/MBE/SPSF Utilization:	Mekuria Engineering, Inc 2% / \$20,000.00
SPSF Utilization:	MI Engineering PLLC 6% / \$60,000.00
DBE/WBE/SPSF Utilization:	Planning Communities, LLC 3% / \$30,000.00
SPSF Utilization:	Sungate Design Group PA 8% / \$80,000.00

## Division 12

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.

### DIVISION 12

Description of work:	2018 Western Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	Moffatt & Nichol Incorporated, Raleigh, NC
Original Engineering Fee:	\$2,000,000.00
Supplemental Fee:	\$3,000,000.00
SPSF Utilization:	Commonwealth Heritage Group Inc 2% / \$60,000.00
DBE/MBE/SPSF Utilization:	MA Engineering Consultants Inc 2% / \$60,000.00
SPSF Utilization:	Davis Martin Powell & Associates Inc 2% / \$60,000.00
DBE/WBE/SPSF Utilization:	Falcon Engineering Inc 2% / \$60,000.00
SPSF Utilization:	Ramey Kemp & Associates Inc 2% / \$60,000.00
DBE/MBE/SPSF Utilization:	Vistabution LLC 2% / \$60,000.00
SPSF Utilization:	Right of Way Consultants LLC 2% / \$60,000.00

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

## Divisions

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

### STATEWIDE

Description of work:	2017 Statewide On-Call Construction Engineering & Inspection Services LSC
Firm:	Calyx Engineers and Consultants Inc, Raleigh, NC
Original Engineering Fee:	\$10,000,000.00
Supplemental Fee:	\$5,000,000.00
DBE/MBE/SPSF Utilization:	Trimat Materials Testing Inc 10% / \$500,000.00

Description of work:	2017 Statewide On-Call Construction Engineering & Inspection Services LSC
Firm:	Gannett Fleming Inc, Philadelphia, PA
Original Engineering Fee:	\$5,000,000.00
Previous Supplemental Fee:	\$15,000,000.00
Supplemental Fee:	\$10,000,000.00
DBE/MBE/SPSF Utilization:	CES Consulting LLC 20% / \$2,000,000.00

## Turnpike Authority

### Turnpike Authority

After careful evaluation of the workload and schedules of the work that can be accomplished by our staff, it was determined necessary to employ private firms for General Professional and Engineering Services on an as needed basis for various federal-aid and state funded projects to support the Turnpike Authority. These contracts will expire four (4) years (with a one-year extension possible) after the date of execution or after the contract amount has been depleted, whichever occurs first. Our staff has completed the actions for employing private firms in accordance with the policies and procedures adopted by the Board on May 7, 2009. This is for information only.

#### STATEWIDE

Description of Work:	2019 NCTA On-Call General Professional and Engineering Services LSC
Firm:	HNTB of North Carolina PC, Raleigh, NC
Maximum Engineering Fee:	\$5,000,000.00
SPSF Utilization:	Carolina Land Acquisitions Inc 2.5% / \$125,000.00
SPSF Utilization:	City Explained, Inc. 2.5% / \$125,000.00
SPSF Utilization:	Clearbox Forecast Group PLLC 2.5% / \$125,000.00
SPSF Utilization:	Environmental Services Inc 2.5% / \$125,000.00
SPSF Utilization:	Mercator Advisors LLC 2.5% / \$125,000.00
DBE/MBE/SPSF Utilization:	MA Engineering Consultants Inc 2.5% / \$125,000.00
DBE/WBE/SPSF Utilization:	Quest Corporation of America Inc 2.5% / \$125,000.00
Description of Work:	2019 NCTA On-Call General Professional and Engineering Services LSC
Firm:	Kimley-Horn & Associates Inc, Raleigh, NC
Maximum Engineering Fee:	\$5,000,000.00
DBE/WBE/SPSF Utilization:	Falcon Engineering Inc 1% / \$50,000.00



**Turnpike Authority**

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

**DIVISIONS 4 and 5**

Project:	37673.1.TA1, 35516.1.TA1, 35517.1.TA1 (R-2721, R-2828 and R-2829) Wake and Johnston Counties Triangle Expressway Southeast Extension
Scope of Work:	Project development, environmental, and engineering services
Estimated Construction Cost:	\$1,180,999,000.00
Firm:	H. W. Lochner, Inc., Raleigh, NC
Original Engineering Fee:	\$263,930.72
Previous Supplemental Fee:	\$20,200,000.00
Supplemental Fee:	\$2,000,000.00
Supplemental Work:	Complete the planning, environmental, and design efforts required for the development of R-2721, R-2828, and R-2829 through final design review
SPSF Utilization:	0%

**END of ITEM D.**

**NCDOT May 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**

<b>Div / County</b>	<b>SR No. / Road Name</b>	<b>Description</b>	<b>Amount</b>
Div 1 Martin	SR 1307 Warren Road	Grade, Drain, Base & Pave Increase Funds WBS 1C.058051	\$13,136.38
Div 2 Carteret	SR 1215 Live Oak Road	Grade, Drain, Base & Pave Establish Funds WBS 2C.016061	\$75,000.00
Div 2 Carteret	SR 1317 Jonaquins Creek Road	Grade, Drain, Base & Pave Establish Funds WBS 2C.016062	\$53,571.43
Div 2 Craven	SR 1354 Gethsemane Church Road	Grade, Drain, Base & Pave Establish Funds WBS 2C.025082	\$300,000.00
Div 6 Bladen	SR 1805 Lucy Drive	Grade, Drain, Base & Pave Establish Funds WBS 6C.009077	\$90,000.00
Div 6 Bladen	SR 1809 Irene Drive	Grade, Drain, Base & Pave Establish Funds WBS 6C.009078	\$60,000.00
Div 6 Columbus	SR 1868 TV Tower Road	Grade, Drain, Base & Pave Establish Funds WBS 6C.024126	\$188,085.66
Div 6 Robeson	SR 1844 Walking Lane	Grade, Drain, Base & Pave Increase Funds WBS 6C.078119	\$90,000.00
Div 7 Guilford	Countywide	Repairs for Pre-1975 Roads Increase Funds WBS 7C.041260	\$8,142.36
Div 11 Caldwell	SR 1513-A Indian Grave Road	Grade, Drain, Base & Pave Increase Funds WBS 11C.014050	\$250,000.00
Div 11 Caldwell	SR 1428-B Setzer's Gap Road	Grade, Drain, Base & Pave Increase Funds WBS 11C.014091	\$225,000.00
Div 11 Caldwell	SR 1958-B Lacey Road	Grade, Drain, Base & Pave Increase Funds WBS 11C.014098	\$225,000.00
Div 11 Watauga	SR 1137 Justus Road	Grade, Drain, Base & Pave Increase Funds WBS 11C.095108	\$50,000.00
Div 11 Watauga	SR 1132 Upper Crabtree Orchard Road	Grade, Drain, Base & Pave Increase Funds WBS 11C.095115	\$60,000.00

**May 2, 2019**

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

<b>Div / County</b>	<b>SR No. / Road Name</b>	<b>Description</b>	<b>Amount</b>
Div 11 Watauga	SR 1152 Lower Crabtree Orchard Road	Grade, Drain, Base & Pave Increase Funds WBS 11C.095117	\$100,000.00
Div 11 Watauga	SR 1141 Rubin Road	Grade, Drain, Base & Pave Increase Funds WBS 11C.095119	\$25,000.00
Div 11 Watauga	SR 1170 Old Mountain Road	Grade, Drain, Base & Pave Increase Funds WBS 11C.095121	\$30,000.00
Div 14 Henderson	SR 1816-B Mapleton Drive	Grade, Drain, Base & Pave Increase Funds WBS 14C.045156	\$13,034.94
Div 14 Henderson	SR 1573 Kyles Creek Road	Grade, Drain, Base & Pave Increase Funds WBS 14C.045164	\$21,322.91
Div 14 Henderson	SR 1353 Hooper Lane	Grade, Drain, Base & Pave Increase Funds WBS 14C.045165	\$69,233.43

**Project Deletions**

Div 11 Avery	SR 1338 Norwood Hollow / Arnett Road	Grade, Drain, Base & Pave Reduce Funds & Close Unavailable Right of Way WBS 11C.006064	(\$5,310.27)
Div 13 Mitchell	SR 1310 Union Hill Church Road	Grade, Drain, Base & Pave Reduce Funds & Close Unavailable Right of Way WBS 13C.061077	(\$9,673.12)
Div 13 Mitchell	SR 1322 Peterson Road	Grade, Drain, Base & Pave Reduce Funds & Close Unavailable Right of Way WBS 13C.061078	(\$240,000.00)

**Item E Summary:**

<b>14</b>	<b>Projects to Establish Funds</b>	<b>\$1,179,870.02</b>
<b>6</b>	<b>Projects to Increase Funds</b>	<b>\$766,657.09</b>
<b>3</b>	<b>Projects to Delete</b>	<b>(\$254,983.39)</b>

# NCDOT May 2019 Board of Transportation Agenda

## Additions to the State Highway System:

County	Pet. No.	Length Added (Miles)	Description	Date of Report
<b>Division 1</b>				
Pasquotank	51833	0.26	<b>Newbegun Land</b> William Drive	1/30/19
		0.12	Beverly Drive	
		0.19	Gaston Drive	
<b>Division 3</b>				
Brunswick	51834	0.53	<b>West Tanglewood</b> West Tanglewood Drive SW	3/4/19
Onslow	51835	0.14	<b>Bridgeport</b> Extend SR 2280, Breakwater Drive	3/20/19
		0.17	Extend SR 2279, Deep Inlet Drive	
		0.04	Mooring Court	
		0.05	Cross Wind Court	
		0.08	Gulf Chase Court	
		0.28	Sea Buoy Lane	
Onslow	51836	0.50	<b>Hidden Oaks</b> Hidden Oaks Drive	3/18/19
		0.36	Ashley Meadow Lane	
		0.03	Peakwood Court	
		0.03	Limestone Drive	
		0.08	Stonewater Lane	
		0.19	Stonecroft Lane	
		0.04	Berrywood Court	
Onslow	51837	0.11	<b>Onslow Bay at Olde Towne Pointe</b> Extend SR 2649, Old Towne Pointe Blvd	3/13/19
		0.22	South Sea Street	
		0.08	Messenger Court	
		0.17	Old Snap Dragon Court	
		0.14	Worsley Way	
		0.17	Turpentine Trail	
<b>Division 4</b>				
Wilson	51838	0.09	<b>Cooperberry</b> Castle Court	1/9/19

# **NCDOT May 2019 Board of Transportation Agenda**

## **Additions to the State Highway System:**

<b>County</b>	<b>Pet. No.</b>	<b>Length Added (Miles)</b>	<b>Description</b>	<b>Date of Report</b>
<b>Division 5</b>				
Vance	51839		<b>Huntstone</b>	2/20/19
		0.04	Huntsone Road	
		0.23	East Waycliff Road	
		0.34	West Waycliff Road	
		0.09	South Cinnabar Court	
		0.06	North Cinnabar Court	
		0.25	Waterfall Road	
		0.17	Sandstone Road	
		0.05	Woodbridge Court	
		0.07	Huntstone Court	
		0.21	West Boulder Road	
Wake	51840		<b>Ridge Falls</b>	3/20/19
		0.08	Ridge Falls Lane	
<b>Division 7</b>				
Guilford	51841		<b>North Ridge</b>	6/4/18
		0.22	Green Pond Drive	
		0.19	Poplar Bluff Drive	
		0.07	Carra Way	
Orange	51842		<b>Oak Crest</b>	2/2/19
		0.51	Extend SR 2075, Booth Road	
		0.71	Oak Crest Drive	
		0.10	Ridge View Lane	
		0.07	Cedar Run Lane	
Orange	51843		<b>Stoneybrook</b>	12/6/18
		0.07	Possum Place	
<b>Division 9</b>				
Rowan	51844	0.05	Extend SR 2448, Veronica Lane	4/10/19
<b>Division 10</b>				
Union	51845		<b>Hadley Park</b>	1/10/19
		0.08	Pinehill Lane	
		0.07	Extend SR 2763, Garden View Lane	

## NCDOT May 2019 Board of Transportation Agenda

### Abandonments from the State Highway System:

County	Pet. No.	Length Abandoned (Miles)	Description	Date of Report
<b>Division 5</b>				
Wake	51846	0.19	All of SR 3069 Old White Oak Church Road	1/22/19
<b>Division 14</b>				
Cherokee	51847	0.80	All of SR 1144, Jenny Hughes Road	2/11/19
Cherokee	51848	0.20	Portion of SR 1517 Taylors Creek Road, Retain 0.39 miles	12/17/18

**Summary:**      **Number of roads petitioned for addition – 46**  
**Number of roads petitioned for abandonment - 3**

### Corrections:

County	Requested Correction
Nash	Correct the following addition length on petition 51821 that was approved on April 4, 2019. Baywood Road should have added 0.45 miles.
Onslow	Correct the following addition lengths on petition 51813 which was approved on April 4, 2019. First Post Road – Should have added 0.24 miles. Ragged Point Court – Should have added 0.03 miles. Shad Boat Court – Should have added 0.04 miles. William Sharp Way – Should have added 0.07 miles.
Onslow	Correct the following addition length from petition 51815 which was approved on April 4, 2019. SR 2551 Ext. Old Stage Road – Should have added 0.14 miles.
Onslow	Correct the following addition length on petition 51816 that was approved on April 4, 2019. Mittam's Point Drive should have added 0.40 miles.
Wayne	Petition 51817 was approved on April 4, 2019 and it should have been listed under Wayne County instead of Johnston County. Seward Place should have added 0.04 miles.

**NCDOT May 2019 Board of Transportation Agenda**

**Public Transportation Program**

<b>Town/County Division</b>	<b>Project Description</b>	<b>Estimated Cost</b>
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There will be no items presented for approval at the May 2, 2019 Board of Transportation meeting.

**ITEM I - 1 SUMMARY – NO PROJECTS**

**NCDOT Board of Transportation Agenda**

**Public Transportation Program**

**May 2019 STIP Amendment**

**ITEM I-1A**

**Page 1 of 1**

May 2019 STIP Amendment

					Estimates in thousands			
<u>ADDITION to the Transit 2018-2027 STIP</u>								
TA-6729	PURCHASE REPLACEMENT BUSES			CAPITAL	FY 2019-	\$100 (L)		
GUILFORD					FY 2019-	\$400 (CMAQ)		
HF	ADDED CMAQ FUNDING TO FY 19 NOT PREVIOUSLY FUNDED AT THE REQUEST OF THE HIGH-POINT MPO.				FY 2022-	\$400 (FUZ)		
					FY 2022-	\$100 (L)		
						<u>\$1,000</u>		
TA-6714	<u>MODIFICATION to the Transit 2018-2027 STIP</u>							
GUILFORD								
HF	GREENSBORO TRANSIT AUTHORITY	ELECTRIC REPLACEMENT BUSES AND CHARGING STATIONS	CAPITAL	FY 2019-	\$336 (L)			
				FY 2019-	\$1,946 (CMAQ)			
				FY 2019-	\$344 (L)			
ADDED CMAQ FUNDING TO FY 19 NOT PREVIOUSLY FUNDED AT THE REQUEST OF THE GREENSBORO URBAN AREA				FY 2019-	\$1,900 (FBUS)			
					<u>\$4,526</u>			
<u>MPO COMMENT: WAS ON THE MARCH HANDOUT</u>								

Item I-1A, (2) Projects, Total Federal funds \$ 5,526,000



## NCDOT May 2019 Board of Transportation Agenda

### Rail Program

<b>Town/County Division</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Statewide 80000.2.2.3	The Rail Division requests board approval of additional Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for the preservation and maintenance of the state owned rail corridors. An additional \$500,000 is needed to fund this project. The total estimated cost to the Department is \$1,000,000. FRRCSI ID: F17105	\$500,000
Division 1 Northampton County 80000.1.4.72	The Rail Division requests board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for rail replacement on the North Carolina & Virginia Railroad (NCVA) to improve safety and operating efficiency. NCVA will be responsible for the construction of the project. The total cost of the project is \$1,000,000. The total estimated cost to the Department is \$510,000. FRRCSI ID: F19115	\$510,000
Divisions 1,2,4,5 Beaufort, Greene, Johnston, Martin, Nash, Pitt, Wake, Washington, and Wilson Counties 80000.1.4.73	The Rail Division requests board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for bridge modernization, cross tie replacement, and brush cutting on the Carolina Coastal Railway (CLNA) to improve safety and operating efficiency. CLNA will be responsible for the construction of the project. The total cost of the project is \$2,202,500. The total estimated cost to the Department is \$1,110,000. FRRCSI ID: F19116	\$1,110,000
Divisions 2 & 4 Carteret & Nash Counties 80000.1.4.78	The Rail Division requests reallocation of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds from Clearwater Paper (due to industry change in commitment) to Carolina Coastal Railway (CLNA) for hardening the railroad and equipment upgrades. CLNA will be responsible for the construction of the project. The total estimated cost to the Department is \$210,000. FRRCSI ID: F17114	\$210,000
Divisions 3 & 10 New Hanover & Mecklenburg Counties 80000.1.4.53	The Rail Division requests board approval of additional Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for track improvements and freight intermodal terminal improvements to the North Carolina State Port Authority (NCSPA) to improve operating efficiency. NCSPA will be responsible for the construction of the project. The additional cost of the project is \$3,250,000. The additional estimated cost to the Department is \$1,630,000. FRRCSI ID: F18109	\$1,630,000

## NCDOT May 2019 Board of Transportation Agenda

### Rail Program

Division 5 Wake County 80000.2.3.4	The Rail Division requests Board approval of additional Freight Rail & Rail Crossing Safety Improvement funds for the closure of the at-grade crossing 465 681P, NS 220.9 (SR 2513 – Fayetteville Street) in Knightdale. As mitigation for the closure, the project will include improvements at the intersection of Smithfield Road and First Avenue, due to increased construction costs. The additional estimated cost to the Department is \$800,000. TIP: Y-4805K	\$800,000
Division 8 Lee County 80000.1.4.74	The Rail Division requests board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for rail replacement, crossing surface replacement and cross tie replacement on the Atlantic & Western Railway (ATW) to improve safety and operating efficiency. ATW will be responsible for the construction of the project. The total cost of the project is \$1,000,000. The total estimated cost to the Department is \$510,000. FRRCSI ID: F19117	\$510,000
Division 8 Moore County 80000.1.4.75	The Rail Division requests board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for bridge engineering, cross tie replacement and terminal improvements on the Aberdeen & Rockfish Railroad (AR) to improve safety and operating efficiency. AR will be responsible for the construction of the project. The total cost of the project is \$377,540. The total estimated cost to the Department is \$195,000. FRRCSI ID: F19118	\$195,000
Division 8 Moore County 80000.1.4.64	The Rail Division requests board approval of additional Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for culvert improvements on the Aberdeen, Carolina and Western Railway (ACWR) to improve safety and operating efficiency. ACWR will be responsible for the construction of the project. The additional cost of the project is \$120,000. The additional estimated cost to the Department is \$60,000. FRRCSI ID: F19107	\$60,000
Division 10 Union County 80000.2.1.20	The Rail Division requests board approval of additional Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for final design engineering, utility relocation and right of way aquisition for the closure of crossing number 638 898H, MP 319.97, (SR 1432 - Tory Path Road) near Waxhaw. The Department will be responsible for the construction of the project. The estimated cost of this phase to the Department is	\$2,000,000

**NCDOT May 2019 Board of Transportation Agenda**

**Rail Program**

\$2,000,000. The total estimated cost of the project to the Department is \$4,500,000.  
FRRCSI ID: F14288

Division 12 Iredell County 80000.1.4.76	The Rail Division requests board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for rail replacement, switch replacement and grade crossing replacement on the Alexander Railroad (ARC) to improve safety and operating efficiency. ARC will be responsible for the construction of the project. The total cost of the project is \$700,000. The total cost to the Department is \$365,000. FRRCSI ID: F19119	\$365,000
Division 13 Rutherford County 80000.1.4.77	The Rail Division requests board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for rail replacement, cross tie replacement and surfacing on the Thermal Belt Railway (TBRY) to improve safety and operating efficiency. TBRY will be responsible for the construction of the project. The total cost of the project is \$144,340. The total cost to the Department is \$78,000. FRRCSI ID: F19120	\$78,000

**ITEM I - 2 SUMMARY – 12 PROJECTS - (TOTAL STATE) \$7,968,000**

**NCDOT May 2019 Board of Transportation Agenda**

**Division of Bicycle and Pedestrian Transportation Program**

<b>Town/County Division</b>	<b>Project Description</b>	<b>Estimated Cost</b>	
Currituck, Camden, Pasquotank, Gates, Chowan, Washington, Perquimans, Tyrrell, Dare, and Hyde Counties Division 1	<b>Albemarle Rural Planning Organization</b> SRTS Non-Infrastructure Program	\$357,596	Total
		\$286,077	Federal
		\$0	State
		\$71,519	Local
Cabarrus, Gaston, Mecklenburg, Rowan Division 9, 10 and 12	<b>Cabarrus Health Alliance</b> SRTS Non-Infrastructure Program	\$315,000	Total
		\$252,000	Federal
		\$0	State
		\$63,000	Local
Durham County Division 5	<b>City of Durham</b> SRTS Non-Infrastructure Program	\$150,000	Total
		\$120,000	Federal
		\$0	State
		\$30,000	Local
City of Greensboro Guilford County Division 7	<b>City of Greensboro</b> SRTS Non-Infrastructure Program	\$300,000	Total
		\$240,000	Federal
		\$0	State
		\$60,000	Local
City of Winston-Salem Forsyth County Division 9	<b>City of Winston-Salem</b> SRTS Non-Infrastructure Program	\$251,000	Total
		\$200,800	Federal
		\$0	State
		\$50,200	Local
Hoke County Division 8	<b>Hoke County Health Department</b> SRTS Non-Infrastructure Program	\$300,000	Total
		\$240,000	Federal
		\$0	State
		\$60,000	Local
Jackson, Haywood, Swain and Macon County Division 14	<b>Jackson County Health Department</b> SRTS Non-Infrastructure Program	\$300,000	Total
		\$240,000	Federal
		\$0	State
		\$60,000	Local
Franklin, Granville, Person, Vance, and Warren Counties Division 5	<b>Kerr-Tar Regional Council of Governments</b> SRTS Non-Infrastructure Program	\$300,000	Total
		\$240,000	Federal
		\$0	State
		\$60,000	Local

## NCDOT May 2019 Board of Transportation Agenda

### Division of Bicycle and Pedestrian Transportation Program

Town/County Division	Project Description	Estimated Cost
Town of Mooresville	<b>Town of Mooresville</b>	\$50,000 Total
Iredell County	SRTS Non-Infrastructure Program	\$40,000 Federal
Division 12		\$0 State
		\$10,000 Local
Chatham, Durham, Johnston,	<b>Triangle J Council of Governments</b>	\$286,874 Total
Lee, Moore, Orange, and	SRTS Non-Infrastructure Program	\$229,499 Federal
Wake Counties		\$0 State
Divisions 4, 5, 7, and 8		\$57,375 Local
Wake County	<b>Wake County Human Services</b>	\$375,000 Total
Division 5	SRTS Non-Infrastructure Program	\$300,000 Federal
		\$0 State
		\$75,000 Local

**ITEM I - 3 SUMMARY – 11 PROJECTS – (TOTAL FEDERAL, STATE AND LOCAL)**  
**\$2,985,470 Over Three Years**

## NCDOT May 2019 Board of Transportation Agenda

### Aviation Program

#### Division Airport County

#### Project Description

Division 3  
Cape Fear Regional  
Jetport  
Brunswick County

#### **Land Acquisition Services for West Apron Expansion (36244.58.11.2)**

This project will provide funding for costs associated with the acquisition of 45.5 acres of property including appraisals, surveys, legal fees and associated administration costs. [PR# 2176]

\*Requesting Cash Flow of \$70,862 Fiscal Year 2020 Funds.

Division 3  
Duplin County Airport  
Duplin County

#### **T-Hangar Area Expansion – Phase I (36237.13.15.2)**

This project includes site development funding for the expansion of the T-hangar area to provide space for two 60'x60' box hangars and six T-hangars. [PR# 2461]

\*Requesting Cash Flow of \$1,075,570 Fiscal Year 2020 Funds.

Division 4  
Johnston County  
Airport  
Johnston County

#### **Site Development for Fixed Based Operator & Maintenance Facility (36244.40.6.1)**

This is an additional funding request of \$560,000 for Aviation Division Economic Development Funds to support a scope amendment to include a 60' x60' hangar. [PR# 3962/2921]

Division 6  
Lumberton Regional  
Airport  
Robeson County

#### **Partial Parallel Taxiway Design (36244.42.14.1)**

This project will design the parallel taxiway section along Runway 23. The Runway 5 portion of the parallel being designed under STI Project AV-5747. [PR# 2408]

\*Requesting Cash Flow of \$270,000 Fiscal Year 2020 Funds.

Division 7  
Rockingham County  
(Shiloh) Airport  
Rockingham County

#### **Replace Fuel Farm (36244.7.10.1)**

This is an additional funding request due to higher construction costs than expected to replace the existing fuel farm with new aviation gas and jet fuel storage tanks and fueling systems. [PR# 3674]

\*Requesting Cash Flow of \$306,000 Fiscal Year 2020 Funds.

Division 10  
Anson County Airport  
Anson County

#### **PAPI System Installation (36244.12.11.1)**

The project consists of replacing the existing PAPI - 2 system with a new LED PAPI-4 system. The existing system has exceeded the normal life expectancy of the equipment. This is a State Aid to Airports project with the local match provided via the Local Safety Enhancement Program. [PR# 4053]

\*Requesting Cash Flow of \$291,600 Fiscal Year 2020 Funds.

## NCDOT May 2019 Board of Transportation Agenda

### Aviation Program

Division 10  
Charlotte-Monroe  
Executive Airport  
Union County

**Apron Rehabilitation (Areas A, B, and South Half of C) (36244.24.6.2)**

This is an additional funding request of \$1,593,000 due to receipt of bids in excess of original award amount. [PR# 3588]

\*Requesting Cash Flow of \$1,593,000 Fiscal Year 2020 Funds

Division 11  
Statesville Regional  
Airport  
Iredell County

**Eastside Parallel Taxiway Lighting & New Vault (Bid/CA/RPR/Construction) (36244.59.8.2)**

This project will provide taxiway lighting for the new partial parallel taxiway and a new lighting vault for future expansion. [PR# 4109]

\*Requesting Cash Flow of \$1,300,000 Fiscal Year 2020 Funds.

Division 11  
Statesville Regional  
Airport  
Iredell County

**East Corporate Area Development – Phase I (36244.59.8.3)**

This project will use Aviation Division Economic Development Funds to design and construct an apron and parking area to accommodate current operations and future growth of an existing tenant with 10 regional jets and that transports over 20,000 passengers per year. [PR# 4173]

\*Requesting Cash Flow of \$2,388,779 Fiscal Year 2020 Economic Development Funds.

### ITEM I - 4 SUMMARY – 9 PROJECTS – (TOTAL STATE and FEDERAL COST) \$10,079,632

State Aid to Airports FY 20 Total Cash Flow requested: \$4,907,032.

Aviation Division Economic Development FY20 Total Cash Flow requested: \$2,388,779

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

**NCDOT MAY 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.**

<b>County</b>	<b>Description</b>	<b>Type</b>	<b>Amount</b>
Div 2 Carteret	Removal of existing damaged pipe and install new drainage structures along Cedar St from Turner St to Live Oak St  WBS 48772	Small Construction  TOTAL	\$113,987.53  \$113,987.53
Div 2 Carteret	Grade, base, drain, and resurface 150ft portion of West Beaufort Rd  WBS 48773	Small Construction  TOTAL	\$10,000.00  \$10,000.00
Div 3 Pender	Town of Surf City – WBS 48710 was established (04/19) for Surf City Infiltration System feasibility study along NC-50  Increase funds	Small Construction  TOTAL	\$1,752.19  \$1,752.19
Div 4 Edgecombe	Town of Tarboro – Revise existing signal at NC-33 / Church St and revise pavement markings on Church St  WBS 80098	Small Construction  TOTAL	\$30,000.00  \$30,000.00
Div 5 Person	Repair and revision of drainage system outlet on Long Avenue Extension (SR 1425) immediately west of US-501  WBS 48711	Small Construction  TOTAL	\$20,139.24  \$20,139.24
Div 8 Randolph	WBS 47606 was established (07/17) for preliminary design work/environmental documents specific to transportation improvements for the Greensboro-Randolph Megasite project Increase funds	Contingency  TOTAL	\$250,000.00  \$250,000.00



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

<b>County</b>	<b>Description</b>	<b>Type</b>	<b>Amount</b>
Div 10 Cabarrus	Town of Harrisburg – WBS 44833 was established (06/16) for the realignment of Saddle Creek at NC-49 Increase funds	Small Construction <hr/> TOTAL	\$36,220.33 <hr/> \$36,220.33
Div 10 Mecklenburg	Town of Matthews – Widening, repair, and safety improvements to Crestdale Lane  WBS 48774	Contingency <hr/> TOTAL	\$125,000.00 <hr/> \$125,000.00
Div 12 Gaston	City of Kings Mountain – WBS 47860 was established (02/18) for traffic signal installation and median crossover improvements at US 74 Bus (W Kings St) from just west of Roxboro Rd to just east of Castlewood Dr Increase funds	Small Construction <hr/> TOTAL	\$105,546.61 <hr/> \$105,546.61
Div 12 Iredell	WBS 47870 was established (2/18) to construct a dual lane roundabout at the intersection of SR 1302 (Cornelius Rd) / SR 1399 (Liva Lane) and SR 1303 (Perth Rd) Increase funds	Small Construction <hr/> TOTAL	\$125,000.00 <hr/> \$125,000.00
Div 14 Cherokee	Town of Andrews – Asphalt surface treatment of Valleytown Cemetery Rd  WBS 48775	Contingency <hr/> TOTAL	\$65,500.00 <hr/> \$65,500.00
Div 14 Clay	Town of Haysville – WBS 80047 was established (04/18) for symmetrical widening along US-64 at the intersection of SR 1353 (East Vineyard Rd) for the construction of left turn lanes for US-64 traffic; widen travel lanes along SR 1353 from 9' to 11' beginning at US-64 and ending at SR 1169 (Eagle Fork Rd) Increase funds	Small Construction <hr/> TOTAL	\$14,999.01 <hr/> \$14,999.01
Div 19 Statewide	WBS 72.1000 was established (06/16) for paving drives from state-maintained roads to bay doors of fire and rescue facilities [N.C.G.S. 136-18(24)] Increase funds	Public Access <hr/> TOTAL	\$43,777.20 <hr/> \$43,777.20

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

<b>Summary:</b>	<b>Number of Divisions</b>	<b>9</b>
	<b>Number of Projects</b>	<b>13</b>
<b>Small Construction Commitment</b>		<b>\$457,644.91</b>
<b>Public Access Commitment</b>		<b>\$43,777.20</b>
<b>Contingency Commitment</b>		<b>\$440,500.00</b>
<b>Economic Development Commitment</b>		<b>\$0.00</b>
<b>High Impact/Low Cost Commitment</b>		<b>\$0.00</b>
<b>TOTAL:</b>		<b>\$941,922.11</b>

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

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Belcross/ Camden Co. Div. 1 R-2414B REGIONAL	WBS 34430.2.5 US 158 from south of SR 1139 (Country Club Road) to east of NC 34 in Belcross. \$11,554,319.00 has previously been approved for right of way and utilities. Funds need to be decreased (\$1,148,340.12). Work is complete. <b>This project has previously been identified as a Trust Fund Intrastate System project.</b> WBS will be closed.	-\$1,148,340.12
Northampton Co. Div. 1 R-5519 DIVISION	WBS 45535.2.1 SR 1200 (Lebanon Church Road), Widen, strengthen and upgrade roadway to accommodate truck traffic to the Northampton County Industrial Park. \$573,529.00 has previously been approved for right of way and utilities. Funds need to be decreased (\$20,584.35). Work is complete. <b>This project has previously been identified as a Trust Fund Specific State Funds for Construction project. WBS will be closed.</b>	-\$20,584.35
Carteret Co. Div. 2 R-4746 DIVISION	WBS 39742.1.2 US 70, NC 12 from SR 1429 (Olga Road) to SR 1350 (Whitehurst Road). Initial funds are requested for preliminary engineering.	\$10,000.00
Pitt Co. Div. 2 U-6215 DIVISION	WBS 48675.1.1 NC 33 from SR 1755 (Blackjack - Simpson Road) to SR 1760 (Mobleys Bridge Road). Initial funds are requested for preliminary engineering.	\$10,000.00
New Hanover Co. Div. 3 U-5710 STATEWIDE	WBS 50115.2.1 US 74 (Eastwood Road) at SR 1409 (Military Cutoff Road). Initial funds are requested for full right of way and utilities. <b>This is a Cash Flow project with \$572,250.00 in SFY 19, \$5,436,375.00 in SFY 20 and \$5,436,375.00 in SFY 21.</b>	\$11,445,000.00

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

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Onslow Co. Div. 3 U-5793 DIVISION	WBS 44364.1.2 SR 1308 (Gum Branch Road) from SR 1322 (Summersill School Road) to SR 1390 (Country Club Boulevard). Initial funds are requested for preliminary engineering.	\$10,000.00
Pender Co. Div. 3 B-4929 REGIONAL	WBS 40233.2.2 Replace Bridge #16 over the Intracoastal Waterway on NC 50/210. \$1,400,000.00 has previously been approved for utilities. Funds need to be decreased (\$1,397,666.09). Work is complete. WBS will be closed.	-\$1,397,666.09
Johnston Co. Div. 4 I-6061 DIVISION	WBS 48691.1.1 I-95 at SR 1003 (Brogden Road). Initial funds are requested for preliminary engineering.	\$10,000.00
Johnston Co. Div. 4 I-6062 DIVISION	WBS 48692.1.1 I-95 at SR 2339 (Bagley Road). Initial funds are requested for preliminary engineering.	\$10,000.00
Nash Co. Div. 4 AV-5845 DIVISION	WBS 47198.3.1 Rocky Mount Wilson Airport (RWI). Construct taxiway and Hangars. Initial funds are requested for construction. <b>This is a Cash Flow project with \$500,000.00 in SFY 19 and \$3,000,000.00 in SFY 20.</b>	\$3,500,000.00

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

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Raleigh/ Wake Co. Div. 5 P-5720 REGIONAL	WBS 46932.3.1 CSX crossing 630 601X at SR 2006 (Durant Road) in Raleigh. Construct grade separation. Initial funds are requested for construction based on the estimate from the 12-month Tentative Letting List published March 26, 2019. <b>This is a Cash Flow project with \$516,000.00 in SFY 19 and \$4,902,000.00 in SFY 20 and SFY 21.</b>	\$10,320,000.00
Wake Co. Div. 5 U-5750 REGIONAL	WBS 50170.2.1 NC 54 from NC 540 to Perimeter Park Drive in Morrisville. This is a <b>BUILD NC BOND</b> project with a principal amount of \$7,000,000.00. Bond repayment requires \$601,000.00 of State Highway Trust Funds in SFY 19 through SFY 33. <b>This project also has \$2,000,000.00 in additional State Highway Trust Funds in SFY 19.</b>	\$11,015,000.00
Columbus/ Robeson Cos. Div. 6 I-6011 DIVISION	WBS 48690.1.1 US 74 from NC 41 near Lumberton to US 76 near Chadbourn. Initial funds are requested for preliminary engineering.	\$10,000.00
Columbus Co. Div. 6 R-5013 DIVISION	WBS 41160.3.1 US 701 at NC 410 (Joe Brown Highway). Initial funds are requested for construction. <b>This is a Cash Flow project with \$65,000.00 in SFY 19 and \$1,235,000.00 in SFY 20.</b>	\$1,300,000.00
Cumberland Co. Div. 6 U-5798A DIVISION	WBS 44369.1.2 SR 1102 (Gillis Hill Road) from west of SR 1103 (Galatia Church Road) to US 401 (Raeford). Initial funds are requested for preliminary engineering.	\$10,000.00

**NCDOT May 2019 Board of Transportation Agenda  
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<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Cumberland Co. Div. 6 U-6209 DIVISION	WBS 48669.1.1 SR 1400 (Cliffdale Road) from SR 1411 (Bunce Road) to Mcpherson Church Road. Initial funds are requested for preliminary engineering.	\$10,000.00
Cumberland Co. Div. 6 U-6210 DIVISION	WBS 48670.1.1 SR 1104 (Strickland Road) from US 401 to Fisher Road. Initial funds are requested for preliminary engineering.	\$10,000.00
Cumberland Co. Div. 6 U-6213 DIVISION	WBS 48673.1.1 SR 1219 (Ireland Drive) from SR 1141 (Cumberland Road) to US 401 (Raeford Road). Initial funds are requested for preliminary engineering.	\$10,000.00
Harnett Co. Div. 6 I-5877 STATEWIDE	WBS 53077.2.3 I-95 at SR 1811 (Bud Hawkins Road) (Exit 70) and SR 1001 (Long Branch Road) (Exit 71). Initial funds are requested for clearing and grubbing for utility relocation.	\$65,000.00
Harnett Co. Div. 6 R-5526 DIVISION	WBS 43836.3.D1 SR 1841 (Saddlebred Road) south of I-95 and SR 1808 (Jonesboro Road) / I-95 interchange. \$3,165,000.00 has previously been approved for construction. Funds need to be decreased (\$161,216.00). Work is complete. WBS will be closed.	-\$161,216.00

**NCDOT May 2019 Board of Transportation Agenda  
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<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Alamance Co. Div. 7 B-6052 DIVISION	WBS 48709.1.1 Replace bridge 68 over NCRR / Norfolk Southern Railroad on SR 1928 (Trollingwood Road) in Haw River. Initial funds are requested for preliminary engineering.	\$10,000.00
Guilford Co. Div. 7 B-4961 REGIONAL	WBS 40152.2.1 Replace Bridge #208 over Little Alamance Creek on SR 3051 (Knox Road). \$33,000.00 has previously been approved for full right of way and utilities. Funds need to be decreased (\$8,445.77). Work is complete. WBS will be closed.	-\$8,445.77
Greensboro/ Guilford Co. Div. 7 U-2524AC STATEWIDE	WBS 34820.2.9 Greensboro Western Loop from north of SR 4121 (High Point Road) to south of I-40. \$25,401,964.00 has previously been approved for full right of way and utilities. Funds need to be decreased (\$2,043,117.21). Work is complete. <b>This project has previously been identified as a Trust Fund Urban Loop project.</b> WBS will be closed.	-\$2,043,117.21
Statewide Div. 7 M-0488M REGIONAL	WBS 46404.1.13 Greensboro Eastern Loop MapAct lawsuit. \$200,000.00 has previously been approved for preliminary engineering / legal services. Funds need to be decreased (\$200,000.00). Funding is no longer needed. WBS will be closed.	-\$200,000.00
Chatham Co. Div. 8 U-6192 DIVISION	WBS 48652.1.1 US 15/501 from US 64 Bypass to SR 1919 (Smith Level Road). Initial funds are requested for preliminary engineering.	\$10,000.00

**NCDOT May 2019 Board of Transportation Agenda  
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<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Randolph Co. Div. 8 U-6191 DIVISION	WBS 48651.1.1 NC 62 from SR 3252 (Surrett Drive) in Trinity to SR 1009 (North Main Street) in Archdale. Initial funds are requested for preliminary engineering.	\$10,000.00
Forsyth Co. Div. 9 U-6188 DIVISION	WBS 48648.1.1 SR 1969 (Piney Grove Road) from north of Nelson Street to SR 2031 (Brown Road) in Kernersville. Initial funds are requested for preliminary engineering.	\$10,000.00
Cabarrus /Mecklenburg Cos. Div. 10 I-3803BA STATEWIDE	WBS 34187.1.S3 I-85 from south of SR 2894 (Concord Mills - Bruton Smith Blvd) to NC 73 in Cabarrus County. \$110,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$107,503.62). Work is complete. WBS will be closed.	-\$107,503.62
Cabarrus Co. Div. 10 R-2246A DIVISION	WBS 34408.1.3 George Liles Parkway - from NC 49 to SR 1304 (Roberta Road). Initial funds are requested for preliminary engineering.	\$10,000.00
Mecklenburg Co. Div. 10 I-5838 STATEWIDE	WBS 53044.1.1 I-85, rehabilitate bridges 203 (I-85 Northbound) and 204 (I-85 Southbound) over Seaboard Coastline Railroad. Initial funds are requested for preliminary engineering.	\$10,000.00



**NCDOT May 2019 Board of Transportation Agenda  
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<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Mecklenburg Co. Div. 10 U-6165 DIVISION	WBS 48622.1.1 SR 3687 (Park Road) from Johnston Road to NC 81 (Pineville-Matthews Road). Initial funds are requested for preliminary engineering.	\$10,000.00
Mecklenburg Co. Div. 10 U-6166 DIVISION	WBS 48625.1.1 New route from SR 3168 (Sam Newell Road) to SR 5215 (Northeast Parkway). Initial funds are requested for preliminary engineering.	\$10,000.00
Mecklenburg Co. Div. 10 U-6167 DIVISION	WBS 48628.1.1 Ardrey Kell Road from SR 521 (Johnston Road) to SR 3624 (Rea Road). Initial funds are requested for preliminary engineering.	\$10,000.00
Mecklenburg Co. Div. 10 U-6168 DIVISION	WBS 48629.1.1 SR 1441 (Carowinds Boulevard Extension) from NC 49 (South Tryon Street) to NC 160 (Steele Creek Road). Initial funds are requested for preliminary engineering.	\$10,000.00
Mecklenburg Co. Div. 10 U-6171 DIVISION	WBS 48634.1.1 Bailey Road Extension from US 21 (Statesville Road) to future Northcross Drive Extension. Initial funds are requested for preliminary engineering.	\$10,000.00

**NCDOT May 2019 Board of Transportation Agenda  
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<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Union Co. Div. 10 U-6169 DIVISION	WBS 48632.1.1 SR 1009 (Old Monroe Road) from SR 1377 (Wesley Chapel - Stouts Road) to SR 1349 (Airport Road). Initial funds are requested for preliminary engineering.	\$10,000.00
Union Co. Div. 10 U-6170 DIVISION	WBS 48633.1.1 SR 1004 (Lawyers Road) from I-485 to SR 1524 (Stevens Mill Road). Initial funds are requested for preliminary engineering.	\$10,000.00
Watauga Co. Div. 11 U-5810 DIVISION	WBS 44383.2.1 SR 1514 (Bamboo Road) from US 421/US 221 to SR 1522 (Deerfield Road). Initial funds are requested for full right of way and utilities. <b>This is a Cash Flow project with \$351,000.00 in SFY 19 and \$6,674,000.00 in SFY 20.</b>	\$7,025,000.00
Yadkin Co. Div. 11 R-5773 DIVISION	WBS 44693.1.1 SR 1605 (East Main Street) From US 601 to SR 1765 (UNIFI Industrial Road). \$500,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$498,912.79). Project dropped from the STIP. WBS will be closed.	-\$498,912.79
Yadkin Co. Div. 11 R-5831 DIVISION	WBS 47103.2.1 US 601 (Carolina Avenue) and NC 67 (Main Street). Initial funds are requested for full right of way and utilities.	\$235,000.00

**NCDOT May 2019 Board of Transportation Agenda  
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<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Catawba Co. Div. 12 U-6176 DIVISION	WBS 48638.1.1 SR 1453 (16th Street NE, 12th Avenue NE, Springs Road) from 9th Avenue NE to SR 1504 (Charlotte Street). Initial funds are requested for preliminary engineering.	\$10,000.00
Cleveland Co. Div. 12 R-5713 REGIONAL	WBS 50209.3.1 US 74 - From US 74 Business to NC 226. Initial funds are requested for construction.	\$2,600,000.00
Iredell Co. Div. 12 U-6153 DIVISION	WBS 48384.1.1 SR 1363 (Bethlehem Road) adjacent to Statesville Regional Airport. Initial funds are requested for preliminary engineering.	\$10,000.00
Iredell Co. Div. 12 U-6175 DIVISION	WBS 48635.1.1 SR 1005 (Old Mountain Road) from US 21 / NC 115 (North Main Street) to SR 1004 (Buffalo Shoals Road). Initial funds are requested for preliminary engineering.	\$10,000.00
Buncombe Co. Div. 13 I-6063 STATEWIDE	WBS 48755.1.1 I-40 from Milemarker 50 to Milemarker 55. Initial funds are requested for preliminary engineering.	\$10,000.00

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

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
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). Initial funds are requested for preliminary engineering.	\$10,000.00
Buncombe Co. Div. 13 U-6163 DIVISION	WBS 48618.1.1 SR 3116 (Mills Gap Road) at SR 3136 (Cane Creek Road) intersection. Initial funds are requested for preliminary engineering.	\$10,000.00
Buncombe/ Madison Cos. Div. 13 U-6173 DIVISION	WBS 48637.1.1 US 25/70 from north of SR 1584 (Tillery Branch Road) to SR 1727 (Monticello Road). Initial funds are requested for preliminary engineering.	\$10,000.00
Burke Co. Div. 13 I-6058 DIVISION	WBS 48688.1.1 I-40 at SR 1744 (Causby Road). Initial funds are requested for preliminary engineering.	\$10,000.00
Burke Co. Div. 13 U-6164 DIVISION	WBS 48619.1.1 NC 126 from SR 1250 (Watermill Road) to SR 1254 (Fish Hatchery Road). Initial funds are requested for preliminary engineering.	\$10,000.00

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

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Madison Co. Div. 13 R-5924 DIVISION	WBS 48536.1.1 US 25 / 70 from east of SR 1392 (Skyway Drive) to US 25 / 70 Business (North Main Street). Initial funds are requested for preliminary engineering.	\$10,000.00
McDowell Co. Div. 13 R-5923 DIVISION	WBS 48535.1.1 NC 226 from US 221 to NC 226A. Initial funds are requested for preliminary engineering.	\$10,000.00
Rutherford Co. Div. 13 R-5917 DIVISION	WBS 48530.1.1 US 64 (East Mountain Street) at North Washington Street intersection in Rutherfordton. Initial funds are requested for preliminary engineering.	\$10,000.00
Rutherford Co. Div. 13 R-5918 DIVISION	WBS 48531.1.1 US 221A (East Main Street) at Kentucky Street / Oakland Road intersection in Rutherfordton. Initial funds are requested for preliminary engineering.	\$10,000.00
Cherokee Co. Div. 14 R-5735 DIVISION	WBS 50193.3.1 US 19 / US 74 / US 64 / US 129 from the end of 4-lane divided section to US 19 Business (Hiwassee Street). \$200,000.00 has previously been approved in advance of construction. Initial funds are requested for construction based on the estimate from the 12-month Tentative Letting List published March 26, 2019. This is a <b>BUILD NC BOND</b> project with a principal amount of \$6,000,000.00. Bond repayment requires \$515,000.00 of State Highway Trust Funds in SFY 19 through SFY 33. <b>This project also has additional state Highway Trust Funds which are cash flowed with \$245,000.00 in SFY 19 and \$4,655,000.00 in SFY 20.</b>	\$12,625,000.00

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

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Cherokee/ Macon Cos. Div. 14 R-5920 DIVISION	WBS 48533.1.1 US 74 from SR 1393 (Wakefield Road) to SR 1310 (Wayah Road). Initial funds are requested for preliminary engineering.	\$10,000.00
Clay Co. Div. 14 R-5922 DIVISION	WBS 48534.1.1 US 64 from NC 175 to SR 1349 (Old Highway 64 East). Initial funds are requested for preliminary engineering.	\$10,000.00
Haywood Co. Div. 14 U-6158 DIVISION	WBS 48609.1.1 US 276 at SR 1134 (Crymes Cove Road) and Raccoon Road. Initial funds are requested for preliminary engineering.	\$10,000.00
Haywood Co. Div. 14 U-6159 DIVISION	WBS 48610.1.1 US 276 (Russ Avenue) from SR 23-74 (Great Smokey Mountain Expressway) to US 19 (Dellwood Road). Initial funds are requested for preliminary engineering.	\$10,000.00
Haywood Co. Div. 14 U-6160 DIVISION	WBS 48614.1.1 US 19 (Soco Road) from SR 1304 (Fie Top Road At Ghost Town In The Sky) to Blue Ridge Parkway. Initial funds are requested for preliminary engineering.	\$10,000.00

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

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Haywood/ Jackson Cos. Div. 14 U-6172 DIVISION	WBS 48636.1.1 US 23 / US 74 Great Smokey Mountains Expressway from SR 1777 (Balsam View Drive) to SR 1158 (Old Balsam Road). Initial funds are requested for preliminary engineering.	\$10,000.00
Transylvania Co. Div. 14 R-5919 DIVISION	WBS 48532.1.1 US 178 (East Main Street) at SR 1156 (Main Street) in Rosman to SR 1133 (Middlefork Road). Initial funds are requested for preliminary engineering.	\$10,000.00
STATEWIDE STRATEGIC TRANSPORTATION INVESTMENTS	6 PROJECTS	\$9,379,379.17
REGIONAL STRATEGIC TRANSPORTATION INVESTMENTS	7 PROJECTS	\$21,180,548.02
DIVISION STRATEGIC TRANSPORTATION INVESTMENTS	49 PROJECTS	\$24,414,286.86
<b>STRATEGIC TRANSPORTATION INVESTMENTS</b>	<b>62 PROJECTS</b>	<b>\$54,974,214.05</b>

**NCDOT May 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**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Craven Co. Div. 2 SS-4902DI	WBS 48738.3.1 US 17 southbound at US 70 eastbound Exit 417A-B. Initial Spot Safety construction funds are needed for Smart Crash Cushion installation. File 02-19-56161C	\$35,000.00
Brunswick Co. Div. 3 SS-4903CE	WBS 44620.3.1 NC 130 (Whiteville Road) and SR 1321 (Longwood Road)/SR 1330 (Waccamaw School Road). \$292,500.00 in construction funds has previously been approved for intersection improvements. Project to be constructed under W-5703Q. Delete project and reduce funds. File 03-15-11810-1	-\$292,500.00
Brunswick Co. Div. 3 SS-4903CE	WBS 44620.2.1 NC 130 (Whiteville Road) and SR 1321 (Longwood Road)/SR 1330 (Waccamaw School Road). \$22,500.00 in right of way and utilities funds has previously been approved for intersection improvements. Project to be constructed under W-5703Q. Delete project and reduce funds. File 03-15-11810-2	-\$22,500.00
New Hanover Co. Div. 3 SS-4903DU	WBS 48290.3.1 US 17 Business (3rd Street) at Castle Street. \$133,000.00 in Spot Safety construction funds has previously been approved for traffic signal revisions and High Visibility Crosswalk installation. Additional funds are needed due to an increase in construction costs. File 03-18-48960-1	\$40,000.00
Fayetteville/ Cumberland Co. Div. 6 SS-4906CQ	WBS 44898.3.1 US 401 (Ramsey Street) at Summerchase Drive. \$156,107.75 in Spot Safety construction funds has previously been approved for traffic signal installation. Additional funds are needed due to an increase in construction costs. File 06-16-40379-1	\$18,900.00

**May 2, 2019**



**NCDOT May 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**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Robeson Co. Div. 6 SS-4906EF	WBS 48747.2.1 SR 1515 (Union Chapel Road) at SR 1513 (Evergreen Church Road). Initial Spot Safety right of way and utilities funds are needed for All-Way Stop sign installation. File 06-19-56096R	\$1,800.00
Robeson Co. Div. 6 SS-4906EF	WBS 48747.3.1 SR 1515 (Union Chapel Road) at SR 1513 (Evergreen Church Road). Initial Spot Safety construction funds are needed for All-Way Stop sign installation. File 06-19-56096C	\$9,000.00
Henderson Co. Div. 14 SS-4914CU	WBS 44966.2.1 SR 1127 (Kanuga Road) at SR 1228 (Jearl Lane) near Hendersonville. \$4,500.00 in Spot Safety right of way and utilities funds has previously been approved for actuated flasher installation. Additional funds are needed due to an increase in right of way and utilities costs. File 14-16-210-1	\$20,500.00
Highlands/ Macon Co. Div. 14 SS-4914DR	WBS 48737.3.1 US 64/NC 28 near NC 106 and near US 441. Initial Spot Safety construction funds are needed for installation of Long Vehicle Detection and actuated flashers on existing truck restriction signs. File 14-19-200C	\$40,500.00
Statewide SS-4915E	WBS 48756.3.1 Initial Spot Safety construction funds are needed for using artificial intelligence to assess the condition of markings, signs, and pavement. File SW-19-001C	\$80,000.00
<b>ITEM L SUMMARY</b>	<b>10 PROJECTS</b>	<b>-\$69,300.00</b>

**May 2, 2019**

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

**Division 1**

**Safety**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Currituck/ Perquimans Co. W-5701G REGIONAL	44847.1.7, HSIP-0158(078) US 158 at both approaches to the Intercoastal Waterway Bridge in Currituck County, and US 17 at the southern approach to the Perquimans River Bridge in Perquimans County. Funds are needed for preliminary engineering.	\$7,500.00 Cost \$6,750.00 Fed. \$750.00 State

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

**Division 2**

**Interstate**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Greene Co. I-6032 STATEWIDE	47981.3.GV1, NHPIM-0264(068) US 264 (Future I-587) from the Pitt County Line to the Wilson County Line. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published March 15, 2019. This is a <b>GARVEE BOND</b> project with Federal Funds of \$343,200.00 in FFY19 through FFY33, and a State Match of \$2,000,000.00 in FFY19.	\$7,148,000.00 Cost \$5,148,000.00 Fed. \$2,000,000.00 State
Pitt Co. I-6035 STATEWIDE	47984.3.GV1, NHPIM-0264(067) US 264 / US 258 (Future I-587) from the Greene County Line to SR 1467 (Stantonsburg Road) / Greenville Southwest Bypass. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published March 15, 2019. This is a <b>GARVEE BOND</b> project with Federal Funds of \$1,030,000.00 in FFY19 through FFY33 and a State Match of \$6,500,000.00 in FFY19.	\$21,950,000.00 Cost \$15,450,000.00 Fed. \$6,500,000.00 State
<b>Safety</b>		
Beaufort Co. W-5702G REGIONAL	44848.2.7, HSIP-0264(064) US 264 between 0.45 mile east of Aflen Lane to 0.45 mile west of NC 32 near Beaufort Community College in Washington. Funds are needed for full right of way and utilities.	\$110,000.00 Cost \$99,000.00 Fed. \$11,000.00 State
Craven Co. W-5702T STATEWIDE	44848.1.20, HSIP-0017(180) US 17 Northbound at the Front Street Exit Loop, and US 70 Eastbound at US 17 Northbound in New Bern. Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State

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

**Division 3**

**Safety**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>	
Brunswick Co. W-5703P STATEWIDE	44849.1.16, HSIP-0017(179) US 17 at SR 1566 (Ploof Road) and Olde Waterford Way near Leland. Funds are needed for preliminary engineering.	\$2,000.00 \$1,800.00 \$200.00	Cost Fed. State
Brunswick Co. W-5703Q REGIONAL	44849.1.17, HSIP-0130(012) NC 130 (Whiteville Road) at SR 1321 (Longwood Road) and SR 1330 (Waccamaw School Road). Funds are needed for preliminary engineering.	\$5,000.00 \$4,500.00 \$500.00	Cost Fed. State
New Hanover Co. SR-5001CL DIVISION	40924.3.88, SRS-0332(057) Safe Routes to School Project - Pedestrian Improvements at Gregory Elementary School and Williston Middle School in Wilmington. \$493.00 has previously been approved for construction. Additional funds are needed as requested to install sidewalks and pedestrian improvements.	\$889,156.00 \$789,226.00 \$99,930.00	Cost Fed. Local
New Hanover Co. W-5601DH DIVISION	50138.3.113, HSIP-0017(154) US 17 Business (Third Street) at Dock Street in Wilmington. Funds are needed for construction to modify median and install pedestrian improvements.	\$335,000.00 \$301,500.00 \$33,500.00	Cost Fed. State
New Hanover Co. W-5703K REGIONAL	44849.3.11, HSIP-0074(216) US 74 (Eastwood Road) at Cardinal Drive in Wilmington. Funds are needed for construction to revise signals and upgrade pedestrian crosswalk.	\$54,000.00 \$48,600.00 \$5,400.00	Cost Fed. State

**Rural**

Brunswick Co. R-5783C DIVISION	44913.3.4, TAP-0332(137) 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.	\$760,000.00 \$608,000.00 \$152,000.00	Cost Fed. State
Brunswick Co. R-5783D DIVISION	44913.3.5, TAP-0332(138) 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.	\$540,000.00 \$432,000.00 \$108,000.00	Cost Fed. State

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

**Division 4**

**Interstate**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>	
Halifax Co. I-5932A STATEWIDE	45873.1.2, NHPIM-0095(060) I-95 from NC 561 (Milemarker 160) to NC 903 (Milemarker 172). Funds are needed for preliminary engineering.	\$50,000.00 \$40,000.00 \$10,000.00	Cost Fed. State
Halifax Co. I-5932B STATEWIDE	45873.1.3, NHPIM-0095(061) I-95 from NC 481 (Milemarker 154) to NC 561 (Milemarker 160). Funds are needed for preliminary engineering.	\$50,000.00 \$40,000.00 \$10,000.00	Cost Fed. State
Johnston Co. I-6044 STATEWIDE	47993.3.GV1, NHPIM-0042(076) US 70 (Future I-42) from SR 1003 (Buffalo Road) to the Wayne County Line. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published March 15, 2019. This is a <b>GARVEE BOND</b> project with \$601,000.00 in FFY19 through FFY33, and a State Match of \$3,311,000.00 in FFY19.	\$12,326,000.00 \$9,015,000.00 \$3,311,000.00	Cost Fed. State

**Enhancement**

Northampton Co. ER-5600DG DIVISION	46305.3.67, STP-0095(069) I-95 Rest Area Planting and Landscape Renovations. Funds are needed for Landscaping.	\$64,000.00 \$51,200.00 \$12,800.00	Cost Fed. State
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**Bridge**

Johnston Co. B-5997 DIVISION	48192.3.1, BRZ-1399(001) Replace Bridge #277 over Polecat Branch on SR 1399. Funds are needed for construction to replace bridge.	\$682,000.00 \$545,600.00 \$136,400.00	Cost Fed. State
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**NCDOT May 2019 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 4 (Continued)**

**Safety**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>	
Divisionwide W-5704Z STATEWIDE	44850.1.26, HSIP-00SS(056) Various routes in Highway Division 4. Funds are needed for preliminary engineering.	\$2,000.00 \$1,800.00 \$200.00	Cost Fed. State
Halifax Co. W-5704X STATEWIDE	44850.1.24, HSIP-0095(066) I-95 between the Nash County Line and the Virginia State Line. Funds are needed for preliminary engineering.	\$1,000.00 \$900.00 \$100.00	Cost Fed. State
Johnston Co. W-5704G DIVISION	44850.2.7, HSIP-1525(013) SR 1525 (Cornwallis Road) at SR 1526 (Shiloh Road / Josephine Road). Funds are needed for full right of way and utilities.	\$207,000.00 \$186,300.00 \$20,700.00	Cost Fed. State
Johnston Co. W-5704H REGIONAL	44850.2.8, HSIP-0301(044) US 301 / NC 242 (Wall Street) at NC 50 / NC 42 (Main Street) in Benson. Funds are needed for full right of way and utilities.	\$34,000.00 \$30,600.00 \$3,400.00	Cost Fed. State
Johnston Co. W-5704W DIVISION	44850.1.23, HSIP-1525(014) SR 1525 (Cornwallis Road) between SR 1649 (Keri Drive) / SR 2935 (Creek Road) and NC 52. Funds are needed for preliminary engineering.	\$20,000.00 \$18,000.00 \$2,000.00	Cost Fed. State
Johnston Co. W-5704Y STATEWIDE	44850.1.25, HSIP-0095(067) I-95 Northbound Entrance Loop at US 70 Business, and I-40 Westbound 0.55 mile southeast of SR 1308 (Elevation Road). Funds are needed for preliminary engineering.	\$5,000.00 \$4,500.00 \$500.00	Cost Fed. State

**Rural**

Halifax Co. R-5784DD DIVISION	44914.3.12, TAP-0415(006) 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.	\$60,000.00 \$48,000.00 \$12,000.00	Cost Fed. State
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**NCDOT May 2019 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 5**

**Interstate**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Wake Co. I-5708 STATEWIDE	50124.2.GV1, NHPP-0440(020) I-440 / US 1 at SR 2000 (Wake Forest Road) in Raleigh. Funds are needed for full right of way and utilities. This is a <b>GARVEE BOND</b> project with \$772,000.00 of Federal Funds in FFY19 through FFY33 and \$3,000,000.00 of State Match funds in FFY19. This project also includes \$2,244,800.00 of National Highway Performance Program (NHPP) funds and \$561,200.00 State Match funds in FFY19.	\$17,386,000.00 Cost \$13,824,800.00 Fed. \$3,561,200.00 State

**Congestion Mitigation**

Wake Co. C-5604HA EXEMPT	43714.2.10, CMAQ-0512(013) Mingo Creek Greenway Extension from the existing Mingo Creek Greenway to Knightdale Station Park in Knightdale. Funds are needed for full right of way and utilities.	\$372,000.00 Cost \$297,600.00 Fed. \$74,400.00 Local
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**Urban**

Durham Co. U-5717 STATEWIDE	50400.2.1, CMAQ-0015(058) US 15 / US 501 at SR 1116 (Garrett Road) in Durham. Funds are needed for full right of way and utilities. <b>This is a two-year cashflow project</b> with \$1,800,000.00 of Federal funds in FFY19 and \$5,400,000.00 in FFY20; and State Match funds of \$450,000.00 in FFY19 and \$1,350,000.00 in FFY20.	\$9,000,000.00 Cost \$7,200,000.00 Fed. \$1,800,000.00 State
Wake Co. U-5118FB DIVISION	42379.2.33, STPDA-0532(006) Arendell Avenue Access Improvement Project along Arendell Avenue and at Pearce Road in Zebulon. Funds are needed for full right of way and utilities.	\$50,000.00 Cost \$40,000.00 Fed. \$10,000.00 Local

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

**Division 5 (Continued)**

**Safety**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Durham Co. W-5705AI REGIONAL	44851.1.35, HSIP-0501(048) US 501 Business (Roxboro Street) at SR 1443 (Horton Road) / SR 1641 (Denfield Street). Funds are needed for preliminary engineering.	\$175,000.00 Cost \$157,500.00 Fed. \$17,500.00 State
Durham Co. W-5705M STATEWIDE	44851.3.13, HSIP-0040(071) I-40 Westbound at NC 147 (Durham Freeway). Funds are needed for construction to install overhead road signs and revise pavement markings.	\$80,000.00 Cost \$72,000.00 Fed. \$8,000.00 State



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

**Division 6**

**Enhancement**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Cumberland Co. ER-5600FO DIVISION	46305.3.66, STP-0095(068) I-95 Rest Area Planting along both Northbound and Southbound lanes. Funds are needed for Landscaping.	\$70,000.00 Cost \$56,000.00 Fed. \$14,000.00 State

**Urban**

Cumberland Co. U-4405A REGIONAL	39049.1.FR2, STPDA-0401(300) US 401 (Raeford Road) from SR 3569 (Old Raeford Road) to east of SR 1411 (Bunce Road). Funds are needed for preliminary engineering.	\$500,000.00 Cost \$400,000.00 Fed. \$100,000.00 State
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**Safety**

Robeson Co. W-5706E REGIONAL	44852.3.5, HSIP-0211(040) NC 211 at SR 1529 (Mount Olive Church Road). Funds are needed for construction to install left turn lanes.	\$665,000.00 Cost \$598,500.00 Fed. \$66,500.00 State
Robeson Co. W-5706R DIVISION	44852.3.18, HSIP-1984(003) SR 1984 (Linkhaw Road) just east of SR 1997 (Fayetteville Road) in Lumberton. Funds are needed for construction to install sidewalks and pedestrian improvements.	\$300,000.00 Cost \$270,000.00 Fed. \$30,000.00 State

**Rail Program**

Cumberland Co. Z-5700FE DIVISION	44803.3.27, RR-0071(011) Railway-Highway Grade Crossing Safety Project at NC 71 (David Parnell Street) and CSX Crossing #629 902W in Parkton. Funds are needed for construction to revise signals and gates.	\$620,000.00 Cost \$558,000.00 Fed. \$62,000.00 State
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**NCDOT May 2019 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 6 (Continued)**

**Rural**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Bladen Co. R-5786GA DIVISION	44916.3.14, TAP-0620(058) 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.	\$657,000.00 Cost \$525,600.00 Fed. \$131,400.00 State
Bladen Co. R-5786GB DIVISION	44916.3.15, TAP-0620(59) 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.	\$712,000.00 Cost \$569,600.00 Fed. \$142,400.00 State
Robeson Co. R-5786EA DIVISION	44916.3.10, TAP-0620(054) 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.	\$516,000.00 Cost \$412,800.00 Fed. \$103,200.00 State
Robeson Co. R-5786EB DIVISION	44916.3.11, TAP-0620(055) 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.	\$129,000.00 Cost \$103,200.00 Fed. \$25,800.00 State

**Bicycle and Pedestrian**

Cumberland Co. U-5528FE DIVISION	50078.3.7, TAP-0620(052) South Third Street from Spring Avenue to Wilson Avenue; NC 210 from Spring Avenue to North Fourth Street; and North Fifth Street from NC 210 to Parker Street in Spring Lake. Funds are needed for construction to install sidewalks.	\$226,460.00 Cost \$181,168.00 Fed. \$45,292.00 Local
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**NCDOT May 2019 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 7**

**Safety**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Guilford Co. SR-5001CE DIVISION	40924.3.81, SRS-0710(034) Safe Routes to School Project - Pedestrian Improvements at five schools in High Point. \$500,000.00 has previously been approved for construction. Additional funds are needed as requested to install sidewalks and pedestrian improvements.	\$700,000.00 Cost \$560,000.00 Fed. \$140,000.00 Local

**Bicycle and Pedestrian**

Orange Co. EL-4828A EXEMPT	40245.3.3, STBGDA-0702(025) Morgan Creek Greenway along Morgan Creek in Carborro. \$338,390.00 has previously been approved for construction. Additional funds are needed as requested to install greenway.	\$912,500.00 Cost \$730,000.00 Fed. \$182,500.00 Local
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**NCDOT May 2019 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 8**

**Interstate**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Montgomery Co. I-5947B STATEWIDE	45894.3.3, NHPIM-0073(056) I-73 / I-74 / US 220 from NC 211 to NC 24 / NC 27 (Combined with I-5946A: I-73 / I-74 / US 220 from south of US 220 / SR 1446 (Haywood Cemetery Road) to SR 1455 (Fire Tower Road) near Ellerbe). Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published March 15, 2019	\$6,600,000.00 Cost \$5,280,000.00 Fed. \$1,320,000.00 State

**Bicycle and Pedestrian**

Randolph Co. EB-5744 DIVISION	51067.1.1, TAP-0833(002) Randleman Pedestrian Improvement Project - SR 1950 (West Academy Street) from SR 1952 (Hight Point Street) to Hillary Street in Randleman. Funds are needed for preliminary engineering.	\$69,150.00 Cost \$55,320.00 Fed. \$13,830.00 Local
Randolph Co. EB-5898 DIVISION	47296.1.1, TAP-1950(001) Randleman Pedestrian Improvement Project - SR 1950 (West Naomi Street) from West Academy Street to US 220 Business (South Main Street) in Randleman. Funds are needed for preliminary engineering.	\$49,950.00 Cost \$39,960.00 Fed. \$9,990.00 Local

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

**Division 10**

**Congestion Mitigation**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>	
Cabarrus Co. C-5161 EXEMPT	46226.3.3, CMS-1034(020) Irish Buffalo Creek Greenway Project. Funds are needed for construction to install greenway.	\$2,380,000.00 \$1,904,000.00 \$476,000.00	Cost Fed. Local
Cabarrus Co. C-5603F EXEMPT	43713.1.6, CMAQ-1001(092) Bethpage Road Sidewalks - SR 1643 (Bethpage Road) from SR 1008 (South Main Street) to Leonard Avenue, and from Westgreen Drive to Klondale Avenue in Kannapolis. Funds are needed for preliminary engineering.	\$121,000.00 \$96,800.00 \$24,200.00	Cost Fed. Local

**Safety**

Cabarrus Co. W-5710AO DIVISION	44856.1.43, HSIP-1002(056) SR 1002 (Old Salisbury Concord Road / Old Concord Road) at SR 2400 (Irish Potato Road) near Kannapolis. Funds are needed for preliminary engineering.	\$85,000.00 \$76,500.00 \$8,500.00	Cost Fed. State
Mecklenburg Co. W-5710S DIVISION	44856.2.19, HSIP-2108(002) SR 2108 (Sunset Avenue) at SR 2019 (Peachtree Road) in Charlotte. Funds are needed for full right of way and utilities.	\$50,000.00 \$45,000.00 \$5,000.00	Cost Fed. State
Union Co. W-5710AN DIVISION	44856.1.42, HSIP-1009(024) SR 1009 (Old Charlotte Highway) at Williams Road in Monroe. Funds are needed for preliminary engineering.	\$65,000.00 \$58,500.00 \$6,500.00	Cost Fed. State
Union Co. W-5710Y DIVISION	44856.1.25, HSIP-1315(021) SR 1315 (New Town Road) and SR 1008 (Waxhaw Indian Trail) in Wesley Chapel. \$150,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$50,000.00 \$45,000.00 \$5,000.00	Cost Fed. State

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

**Division 10 (Continued)**

**Safety**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Union Co. W-5710Z DIVISION	44856.2.26, HSIP-0200(013) NC 200 (Lancaster Highway) at NC 522 / SR 1007 (South Rocky River Road) and SR 1146 (Parkwood School Road). Funds are needed for full right of way and utilities.	\$125,000.00 Cost \$112,500.00 Fed. \$12,500.00 State

**Rural**

Anson Co. R-5790 DIVISION	44920.1.1, TAP-000S(892) Various Transportation Alternatives Program (TAP) Projects in Highway Division 10. \$150,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State
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**NCDOT May 2019 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 11**

**Rural**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>	
Caldwell Co.	46458.3.1, STBGDA-0321(038)	\$1,500,000.00	Cost
R-5775	US 321 at SR 1109 (Pinewoods Road Extension) in Granite	\$1,200,000.00	Fed.
EXEMPT	Falls. Funds are needed for construction to install left turn lane and pedestrian improvements.	\$300,000.00	State

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

**Division 12**

**Congestion Mitigation**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Iredell Co. C-5531 EXEMPT	45508.3.1, CMS-1226(020) Moorseville School Sidewalk Project along Bellingham Drive, Whispering Oaks Court, Briarcliff Road, and Kister Farm Road in Mooresville. \$1,015,185.00 has previously been approved for construction. Additional funds are needed as requested to complete sidewalk network.	\$3,481,013.00 Cost \$2,750,000.00 Fed. \$731,013.00 Local

**Bicycle and Pedestrian**

Catawba Co. EB-5937 DIVISION	48178.1.1, STBGDA-1143(016) Hickory Multi-Use Path "Book Walk" Extension to connect the City Walk Pathway to the Ridgeview Library in Hickory. Funds are needed for preliminary engineering.	\$500,000.00 Cost \$400,000.00 Fed. \$100,000.00 Local
Catawba Co. EB-5938 DIVISION	48179.1.1, STBGDA-1143(015) Hickory Multi-Use Path "Book Walk" Extension to connect the Ridgeview Library to the Walmart Shopping Center in Hickory. Funds are needed for preliminary engineering.	\$800,000.00 Cost \$640,000.00 Fed. \$160,000.00 Local



**NCDOT May 2019 Board of Transportation Agenda  
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**Division 13**

**Interstate**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Buncombe Co. I-4759 STATEWIDE	39970.2.1, STPIMS-040-1(188)42 I-40 at SR 1288 (Liberty Road) / US 19 / US 23 / NC 151 to SR 1224 (Monte Vista Road). Funds are needed for full right of way and utilities. This is a <b>GARVEE BOND</b> project with \$798,000.00 of Federal Funds in FFY19 through FFY33, and \$4,000,000.00 of State Match in FFY19.	\$15,970,000.00 Cost \$11,970,000.00 Fed. \$4,000,000.00 State

**Bridge**

Madison Co. B-6010 DIVISION	48205.2.1, BRZ-1183(006) Replace Bridge #302 over Shut-In Creek on SR 1183. Funds are needed for full right of way and utilities.	\$50,000.00 Cost \$40,000.00 Fed. \$10,000.00 State
Madison Co. B-6012 DIVISION	48207.2.1, BRZ-1341(004) Replace Bridge #73 over Foster Creek on SR 1341. Funds are needed for full right of way and utilities.	\$70,000.00 Cost \$56,000.00 Fed. \$14,000.00 State
Madison Co. B-6012 DIVISION	48207.3.1, BRZ-1341(004) Replace Bridge #73 over Foster Creek on SR 1341 (Combined with B-6010: Replace Bridge #302 over Shut-In Creek on SR 1183; B-6017: Replace Bridge #222 over Back Branch on SR 1151; and B-6019: Replace Bridge #311 over Roberts Branch on SR 1127). Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published March 15, 2019. <b>This is a Design Build Project.</b>	\$3,275,000.00 Cost \$2,620,000.00 Fed. \$655,000.00 State
Madison Co. B-6017 DIVISION	48212.2.1, BRZ-1151(013) Replace Bridge #222 over Back Branch on SR 1151. Funds are needed for full right of way and utilities.	\$45,000.00 Cost \$36,000.00 Fed. \$9,000.00 State
Madison Co. B-6019 DIVISION	48214.2.1, BRZ-1127(018) Replace Bridge #311 over Roberts Branch on SR 1127. Funds are needed for full right of way and utilities.	\$50,000.00 Cost \$40,000.00 Fed. \$10,000.00 State

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

**Division 13 (Continued)**

**Bridge**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Rutherford Co. B-5876 STATEWIDE	48070.2.1, NHP-0074(181) Replace Bridge #83 and Bridge #84 over Second Broad River on US 74 Bypass. Funds are needed for full right of way and utilities.	\$440,000.00 Cost \$352,000.00 Fed. \$88,000.00 State

**Bicycle and Pedestrian**

Buncombe Co. EB-5547 DIVISION	51045.1.F1, STPDA-1302(062) Black Mountain Multi-Use Path to connect the Flat Creek Greenway and the Riverside Greenway near Riverside Park in Black Mountain. \$149,154.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$748,177.00 Cost \$598,541.00 Fed. \$149,636.00 Local
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**NCDOT May 2019 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 14**

**Bridge**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>	
Jackson Co.	48037.3.3, BRNHS-0023(028)	\$5,400,000.00	Cost
B-5905	Replace Bridge #27 over Scott Creek and the Southern Railroad	\$4,320,000.00	Fed.
REGIONAL	on US 23 Business. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published March 15, 2019. <b>This is a two-year cashflow project</b> with \$2,160,000.00 of Federal Funds in both FFY19 and FFY20; and State Match funds of \$540,000.00 in both FFY19 and FFY20.	\$1,080,000.00	State

**Safety**

Jackson Co.	44862.1.14, HSIP-0023(038)	\$20,000.00	Cost
W-5714N	US 23 / US 441 from the Macon County Line to SR 1300	\$18,000.00	Fed.
STATEWIDE	(Pumpkintown Road) near Dillsboro. Funds are needed for preliminary engineering.	\$2,000.00	State

**NCDOT May 2019 Board of Transportation Agenda  
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**Statewide**

**Congestion Mitigation**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Statewide C-5702CA EXEMPT	44907.1.12, CMAQ-00SS(025) Clean Fuel Advanced Technology (CFAT) Subaward to the North Carolina Clean Energy Technology Center and the University of North Carolina at Charlotte. Funds are needed for Alternative Fuel Vehicle (AFV) Upgrades.	\$40,990.00 Cost \$32,792.00 Fed. \$8,198.00 Local
Statewide C-5702CB EXEMPT	44907.1.13, CMAQ-00SS(026) Clean Fuel Advanced Technology (CFAT) Subaward to the North Carolina Clean Energy Technology Center and the North Carolina Department of Transportation Rail Division. Funds are needed for Alternative Fuel Vehicle (AFV) Upgrades.	\$518,868.00 Cost \$275,000.00 Fed. \$243,868.00 Local
Statewide C-5702CD EXEMPT	44907.1.15, CMAQ-00SS(028) Clean Fuel Advanced Technology (CFAT) Subaward to the North Carolina Clean Energy Technology Center and the Orange County Sheriff Department. Funds are needed for Alternative Fuel Vehicle (AFV) Upgrades.	\$16,452.00 Cost \$12,668.00 Fed. \$3,784.00 Local
Statewide C-5702CE EXEMPT	44907.1.16, CMAQ-00SS(029) Clean Fuel Advanced Technology (CFAT) Subaward to the North Carolina Clean Energy Technology Center and the Davidson County Sheriff Department. Funds are needed for Alternative Fuel Vehicle (AFV) Upgrades.	\$68,038.00 Cost \$38,101.00 Fed. \$29,937.00 Local
Statewide C-5702CF EXEMPT	44907.1.17, CMAQ-00SS(030) Clean Fuel Advanced Technology (CFAT) Subaward to the North Carolina Clean Energy Technology Center and the Matthews Police Department. Funds are needed for Alternative Fuel Vehicle (AFV) Upgrades.	\$17,487.00 Cost \$13,989.00 Fed. \$3,498.00 Local
Statewide C-5702CG EXEMPT	44907.1.18, CMAQ-00SS(031) Clean Fuel Advanced Technology (CFAT) Subaward to the North Carolina Clean Energy Technology Center and the Town of Apex. Funds are needed for Alternative Fuel Vehicle (AFV) Upgrades.	\$91,284.00 Cost \$65,724.00 Fed. \$25,560.00 Local

**NCDOT May 2019 Board of Transportation Agenda  
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**Division 15 (Continued)**

**Congestion Mitigation**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Statewide C-5702CH EXEMPT	44907.1.19, CMAQ-00SS(032) Clean Fuel Advanced Technology (CFAT) Subaward to the North Carolina Clean Energy Technology Center and Viatec Incorporated. Funds are needed for Alternative Fuel Vehicle (AFV) Upgrades.	\$351,624.00 Cost \$281,299.00 Fed. \$70,325.00 Local
Statewide C-5702CI EXEMPT	44907.1.20, CMAQ-00SS(033) Clean Fuel Advanced Technology (CFAT) Subaward to the North Carolina Clean Energy Technology Center and Thyssenkrupp. Funds are needed for Alternative Fuel Vehicle (AFV) Upgrades.	\$39,200.00 Cost \$31,360.00 Fed. \$7,840.00 Local
Statewide C-5702CJ EXEMPT	44907.1.21, CMAQ-00SS(034) Clean Fuel Advanced Technology (CFAT) Subaward to the North Carolina Clean Energy Technology Center and the City of Charlotte Landscape Division. Funds are needed for Alternative Fuel Vehicle (AFV) Upgrades.	\$63,800.00 Cost \$51,040.00 Fed. \$12,760.00 Local

**Planning and Research**

Statewide NO ID STATEWIDE	44100.3.5, SPR-0SPR(169) 2019 Contract Research Initiatives. \$7,500,000.00 has previously been approved for research and development. Additional funds are needed as requested.	\$160,000.00 Cost \$128,000.00 Fed. \$32,000.00 State
Statewide NO ID STATEWIDE	44100.3.4, SPR-0SPR(115) 2018 Contract Research - Annual Research Work Program. \$5,640,000.00 has previously been approved for research and development. Additional funds are needed as requested to complete existing initiatives.	\$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State

**ITEM M SUMMARY - 78 PROJECT(S) - (TOTAL FEDERAL AND STATE) \$119,367,088.00**

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

**Revision to April 2019 Item M**

**Page M-5:**

For project U-5968, WBS number is changed from 45982.3.1 to 45982.3.2.

## HIGHWAY PROGRAM STIP ADDITIONS

### DIVISION 1

* B-6053	PROVIDENCE ROAD, REPLACE BRIDGE 690034 OVER	RIGHT-OF-WAY	FY 2024 -	\$50,000	(BGOFF)
PASQUOTANK	KNOBBS CREEK TRIBUTARY IN ELIZABETH CITY.	UTILITIES	FY 2024 -	\$50,000	(BGOFF)
<b>PROJ.CATEGORY</b>	<b><u>PROJECT ADDED AT REQUEST OF CITY.</u></b>	CONSTRUCTION	FY 2026 -	\$500,000	(BGOFF)
DIVISION				\$600,000	

### DIVISION 3

* EB-6027	SR 1403 (MIDDLE SOUND LOOP), SR 2892 (LENDIRE	ENGINEERING	FY 2019 -	\$244,000	(TADA)
NEW HANOVER	ROAD), OGDEN BUSINESS LANE, CONSTRUCT MULTI-		FY 2019 -	\$61,000	(L)
<b>PROJ.CATEGORY</b>	USE PATH ALONG MIDDLE SOUND LOOP, LENDIRE			\$305,000	
DIVISION	ROAD, AND OGDEN BUSINESS LANE.				
	<b><u>PROJECT ADDED AT REQUEST OF MPO.</u></b>				

* EB-6028	WILMINGTON, CONSTRUCT SIGNALIZED PEDESTRIAN	ENGINEERING	FY 2019 -	\$60,000	(TADA)
NEW HANOVER	CROSSING AT US 17 BUSINESS (MARKET STREET) AND		FY 2019 -	\$15,000	(L)
<b>PROJ.CATEGORY</b>	21ST STREET.	CONSTRUCTION	FY 2020 -	\$100,000	(TADA)
DIVISION	<b><u>PROJECT ADDED AT REQUEST OF MPO.</u></b>		FY 2020 -	\$25,000	(L)
				\$200,000	

* EB-6029	CARENDON AVENUE, CONSTRUCT MULTI-USE PATH	ENGINEERING	FY 2019 -	\$29,000	(TADA)
NEW HANOVER	ALONG CLARENDON AVENUE FROM 4TH STREET TO		FY 2019 -	\$8,000	(L)
<b>PROJ.CATEGORY</b>	SR 1573 (DOW ROAD).	CONSTRUCTION	FY 2019 -	\$516,000	(TADA)
DIVISION	<b><u>PROJECT ADDED AT REQUEST OF MPO.</u></b>		FY 2019 -	\$129,000	(L)
				\$682,000	

### DIVISION 6

* EB-6030	US 401 BYPASS (SKIBO ROAD), CONSTRUCT SIDEWALK	ENGINEERING	FY 2019 -	\$60,000	(TADA)
CUMBERLAND	FROM RICHWOOD COURT TO NC 24 (BRAGG		FY 2019 -	\$15,000	(L)
<b>PROJ.CATEGORY</b>	BOULEVARD).	RIGHT-OF-WAY	FY 2019 -	\$60,000	(TADA)
DIVISION	<b><u>PROJECT ADDED AT REQUEST OF MPO.</u></b>		FY 2019 -	\$15,000	(L)
		CONSTRUCTION	FY 2020 -	\$360,000	(TADA)
			FY 2020 -	\$90,000	(L)
				\$600,000	

\* INDICATES FEDERAL AMENDMENT

Thursday, May 2, 2019

## HIGHWAY PROGRAM STIP ADDITIONS

### DIVISION 6

* EB-6031 CUMBERLAND <b>PROJ.CATEGORY</b> DIVISION	US 401 (RAMSEY STREET), CONSTRUCT SIDEWALK FROM SUMMERCHASE DRIVE TO SR 1611 (ANDREWS ROAD).  <b><u>PROJECT ADDED AT REQUEST OF MPO.</u></b>	CONSTRUCTION	FY 2020 - \$68,000 (TADA) FY 2020 - <u>\$17,000</u> (L) \$85,000
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* EB-6032 CUMBERLAND <b>PROJ.CATEGORY</b> DIVISION	NC 59 (HOPE MILLS ROAD), CONSTRUCT SIDEWALK FROM FAYETTEVILLE CITY LIMITS TO SUMAC CIRCLE.  <b><u>PROJECT ADDED AT REQUEST OF MPO.</u></b>	RIGHT-OF-WAY  CONSTRUCTION	FY 2019 - \$19,000 (TADA) FY 2019 - \$6,000 (L) FY 2020 - \$262,000 (TADA) FY 2020 - <u>\$88,000</u> (L) \$375,000
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### DIVISION 7

* B-6052 ALAMANCE <b>PROJ.CATEGORY</b> DIVISION	SR 1928 (TROLLINGWOOD ROAD), REPLACE BRIDGE 000068 OVER NCRR / NORFOLK SOUTHERN RAILROAD IN HAW RIVER.  <b><u>PROJECT ADDED AT REQUEST OF DIVISION OFFICE AND STRUCTURES MANAGEMENT UNIT.</u></b>	RIGHT-OF-WAY CONSTRUCTION	FY 2024 - \$500,000 (NHPB) FY 2026 - <u>\$2,500,000</u> (NHPB) \$3,000,000
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### DIVISION 11

* EB-5924 WATAUGA <b>PROJ.CATEGORY</b> EXEMPT	TOWN OF BLOWING ROCK, MIDDLE FORK GREENWAY, SECTION 1. CONSTRUCT GREENWAY. NC FLAP BLWRK 321(1)  <b><u>ADD PRELIMINARY ENGINEERING IN FY 19 AND RIGHT- OF-WAY IN FY 20 NOT PREVIOUSLY PROGRAMMED PER BLOWING ROCK</u></b>	ENGINEERING  RIGHT-OF-WAY  CONSTRUCTION	FY 2019 - \$95,000 (FLAP) FY 2019 - \$23,000 (L) FY 2020 - \$73,000 (FLAP) FY 2020 - \$17,000 (L) FY 2020 - \$1,624,000 (FLAP) FY 2020 - \$245,000 (L) FY 2020 - <u>\$145,000</u> (S(M)) \$2,222,000
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\* INDICATES FEDERAL AMENDMENT

Thursday, May 2, 2019



## HIGHWAY PROGRAM STIP ADDITIONS

### DIVISION 13

* I-6063	I-40, MILEMARKER 50 TO MILEMARKER 55. PAVEMENT	GARVEE CONSTR	FY 2020 -	\$901,000	(NHPIM)
BUNCOMBE	REHABILITATION.		FY 2021 -	\$901,000	(NHPIM)
<b>PROJ.CATEGORY</b>	<b><u>PROJECT ADDED AT REQUEST OF DIVISION.</u></b>		FY 2022 -	\$901,000	(NHPIM)
STATEWIDE			FY 2023 -	\$901,000	(NHPIM)
			FY 2024 -	\$901,000	(NHPIM)
			FY 2025 -	\$901,000	(NHPIM)
			FY 2026 -	\$901,000	(NHPIM)
			FY 2027 -	\$901,000	(NHPIM)
			FY 2028 -	\$901,000	(NHPIM)
			FY 2029 -	\$901,000	(NHPIM)
			POST YR-	\$4,505,000	(NHPIM)
		CONSTRUCTION	FY 2019 -	\$1,750,000	(S(M))
			FY 2020 -	\$1,000,000	(NHPIM)
			FY 2020 -	<u>\$1,750,000</u>	(S(M))
				\$18,015,000	

## STIP MODIFICATIONS

### DIVISION 2

* B-5619	SR 1389 (HARDY BRIDGE ROAD), REPLACE BRIDGE	RIGHT-OF-WAY	FY 2019 -	\$500,000	(BGOFF)
LENOIR	530052 OVER NEUSE RIVER AND 530152 OVER NEUSE	CONSTRUCTION	FY 2020 -	\$2,833,000	(BGOFF)
<b>PROJ.CATEGORY</b>	RIVER OVERFLOW.		FY 2021 -	\$2,833,000	(BGOFF)
DIVISION	<b><u>ACCELERATE RIGHT-OF-WAY FROM FY 21 TO FY 19</u></b>		FY 2022 -	<u>\$2,834,000</u>	(BGOFF)
	<b><u>AND CONSTRUCTION FROM FY 22 TO FY 20.</u></b>			\$9,000,000	

### DIVISION 4

U-2714	US 117, US 70 BYPASS TO SR 1306 (FEDELON TRAIL) IN	BUILD NC CONST	FY 2020 -	\$858,000	(T)
WAYNE	GOLDSBORO. WIDEN ROADWAY AND MAKE SAFETY		FY 2021 -	\$858,000	(T)
<b>PROJ.CATEGORY</b>	IMPROVEMENTS.		FY 2022 -	\$858,000	(T)
REGIONAL	<b><u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u></b>		FY 2023 -	\$858,000	(T)
	<b><u>DESIGN DELAY CONSTRUCTION FROM FY 19 TO FY 20</u></b>		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 -	\$125,000	(T)
			FY 2021 -	<u>\$2,375,000</u>	(T)
				\$15,370,000	

\* INDICATES FEDERAL AMENDMENT

Thursday, May 2, 2019

## HIGHWAY PROGRAM STIP MODIFICATIONS

### DIVISION 5

* EB-5703	LASALLE STREET, KANGAROO DRIVE TO SPRUNT	RIGHT-OF-WAY	FY 2019 -	\$412,000	(TAANY)
DURHAM	AVENUE IN DURHAM. CONSTRUCT SIDEWALKS ON		FY 2019 -	\$103,000	(L)
<b>PROJ.CATEGORY</b>	BOTH SIDES FROM KANGAROO DRIVE TO US 70	CONSTRUCTION	FY 2020 -	\$462,000	(TAANY)
DIVISION	BUSINESS (HILLSBOROUGH ROAD) AND ON ONE SIDE		FY 2020 -	\$116,000	(L)
	FROM HILLSBOROUGH ROAD TO SPRUNT AVENUE.			\$1,093,000	
	<b><u>ADD RIGHT-OF-WAY IN FY 19 NOT PREVIOUSLY PROGRAMMED AND DELAY CONSTRUCTION FROM FY 19 TO FY 20 TO REFLECT CURRENT CITY DELIVERY STATUS.</u></b>				
* EB-5715	US 501 BYPASS (NORTH DUKE STREET), MURRAY	RIGHT-OF-WAY	FY 2019 -	\$663,000	(TAANY)
DURHAM	AVENUE TO US 501 BUSINESS (NORTH ROXBORO		FY 2019 -	\$166,000	(L)
<b>PROJ.CATEGORY</b>	ROAD) IN DURHAM. CONSTRUCT SIDEWALK ON EAST	CONSTRUCTION	FY 2020 -	\$2,144,000	(TAANY)
DIVISION	SIDE TO FILL IN EXISTING GAPS.		FY 2020 -	\$536,000	(L)
				\$3,509,000	
	<b><u>COST INCREASE &gt; \$2 MILLION AND 25% THRESHOLDS. ADD RIGHT-OF-WAY IN FY 19 NOT PREVIOUSLY PROGRAMMED AND DELAY CONSTRUCTION FROM FY 19 TO FY 20 TO REFLECT CURRENT CITY DELIVERY STATUS.</u></b>				
P-5717	NORFOLK SOUTHERN H LINE, CROSSING 734742W AT	RIGHT-OF-WAY	FY 2020 -	\$125,000	(T)
DURHAM	SR 1121 (CORNWALLIS ROAD) IN DURHAM.		FY 2021 -	\$2,375,000	(T)
<b>PROJ.CATEGORY</b>	CONSTRUCT GRADE SEPARATION.	UTILITIES	FY 2020 -	\$94,000	(T)
REGIONAL	<b><u>TO ALLOW ADDITIONAL TIME TO EVALUATE DESIGN ALTERNATIVES, DELAY RIGHT-OF-WAY FROM FY 19 TO FY 20.</u></b>		FY 2021 -	\$1,784,000	(T)
		CONSTRUCTION	FY 2020 -	\$5,200,000	(T)
			FY 2020 -	\$500,000	(O)
			FY 2021 -	\$5,200,000	(T)
			FY 2022 -	\$5,200,000	(T)
				\$20,478,000	
* P-5737	CSX S LINE, SR 2108 (MILLBROOK ROAD) IN RALEIGH.	RIGHT-OF-WAY	FY 2019 -	\$3,700,000	(T)
WAKE	CONSTRUCT GRADE SEPARATION AND CLOSE	CONSTRUCTION	FY 2021 -	\$10,000,000	(DP)
<b>PROJ.CATEGORY</b>	CROSSING 630605A.		FY 2021 -	\$2,310,000	(T)
STATEWIDE	<b><u>ADD RIGHT-OF-WAY IN FY 19 AND CONSTRUCTION IN FY 21 NOT PREVIOUSLY PROGRAMMED TO MEET FEDERAL REQUIREMENTS FOR CRISI GRANT AWARD.</u></b>		FY 2022 -	\$2,310,000	(T)
			FY 2028 -	\$510,000	(O)
				\$18,830,000	

\* INDICATES FEDERAL AMENDMENT

Thursday, May 2, 2019

## HIGHWAY PROGRAM STIP MODIFICATIONS

### DIVISION 5

* U-5518	US 70 (GLENWOOD AVENUE), WEST OF SR 3067 (T.W.	RIGHT-OF-WAY	FY 2019 -	\$14,500,000	(NHP)
DURHAM	ALEXANDER DRIVE) TO I-540 IN RALEIGH. UPGRADE	UTILITIES	FY 2019 -	\$12,715,000	(NHP)
WAKE	ROADWAY TO IMPROVE CAPACITY, SAFETY AND	GARVEE CONSTR	FY 2019 -	\$8,580,000	(NHP)
<b>PROJ.CATEGORY</b>	TRAFFIC OPERATIONS INCLUDING INTERCHANGES AT		FY 2020 -	\$8,580,000	(NHP)
STATEWIDE	VARIOUS LOCATIONS.		FY 2021 -	\$8,580,000	(NHP)
	<b><u>COST INCREASE EXCEEDING \$2 MILLION AND 25%</u></b>		FY 2022 -	\$8,580,000	(NHP)
	<b><u>THRESHOLDS. PROJECT TO UTILIZE GARVEE BOND</u></b>		FY 2023 -	\$8,580,000	(NHP)
	<b><u>FUNDING. ADD DURHAM COUNTY TO STIP LOCATION</u></b>		FY 2024 -	\$8,580,000	(NHP)
	<b><u>TO REFLECT COVERAGE OF PREFERRED</u></b>		FY 2025 -	\$8,580,000	(NHP)
	<b><u>ALTERNATIVE.</u></b>		FY 2026 -	\$8,580,000	(NHP)
			FY 2027 -	\$8,580,000	(NHP)
			FY 2028 -	\$8,580,000	(NHP)
			FY 2029 -	\$8,580,000	(NHP)
			POST YR-	\$34,320,000	(NHP)
		CONSTRUCTION	FY 2019 -	\$8,589,000	(NHP)
			FY 2019 -	\$11,111,111	(S(M))
			FY 2020 -	\$8,589,000	(NHP)
			FY 2020 -	\$11,111,111	(S(M))
			FY 2021 -	\$8,589,000	(NHP)
			FY 2021 -	\$11,111,111	(S(M))
				\$215,015,333	

### DIVISION 6

* U-2519BA	I-295, SOUTH OF SR 1003 (CAMDEN ROAD) TO SOUTH	CONSTRUCTION	FY 2020 -	\$22,633,000	(NHP)
CUMBERLAND	OF SR 1104 (STRICKLAND BRIDGE ROAD).		FY 2021 -	\$22,633,000	(NHP)
<b>PROJ.CATEGORY</b>	<b><u>TO ALLOW ADDITIONAL TIME FOR RIGHT OF WAY</u></b>		FY 2022 -	\$22,633,000	(NHP)
REGIONAL	<b><u>DELAY CONSTRUCTION FROM FY 19 TO FY 20</u></b>			\$67,899,000	

### DIVISION 7

AV-5737	BURLINGTON- ALAMANCE REGIONAL AIRPORT (BUY),	RIGHT-OF-WAY	FY 2020 -	\$1,080,000	(T)
ALAMANCE	OBTAIN NAVIGATION EASEMENTS AND CLEAR		FY 2020 -	\$120,000	(L)
<b>PROJ.CATEGORY</b>	OBSTRUCTIONS IN THE RUNWAY 24 APPROACH.			\$1,200,000	
DIVISION	<b><u>TO ALLOW ADDITIONAL TIME TO COORDINATE RIGHT-OF-WAY ACQUISITION, DELAY RIGHT-OF-WAY FROM FY 19 TO FY 20, AT REQUEST OF THE AVIATION DIVISION.</u></b>				
* B-5553	BALLINGER ROAD, REPLACE BRIDGE 400098 OVER A	CONSTRUCTION	FY 2019 -	\$2,436,000	(BGANY)
GUILFORD	TRIBUTARY OF HORSEPEN CREEK IN GREENSBORO.		FY 2019 -	\$609,000	(L)
<b>PROJ.CATEGORY</b>	<b><u>COST INCREASE EXCEEDING \$2 MILLION AND 25%</u></b>			\$3,045,000	
DIVISION	<b><u>THRESHOLDS.</u></b>				

\* INDICATES FEDERAL AMENDMENT

Thursday, May 2, 2019

## HIGHWAY PROGRAM STIP MODIFICATIONS

### DIVISION 7

C-5181 ORANGE <b>PROJ.CATEGORY</b> EXEMPT	JONES CREEK GREENWAY, CONSTRUCT A 100 FOOT BRIDGE AND 650 FOOT PAVED TRAIL IN CARRBORO TO FILL GAP BETWEEN THE UPPER BOLIN TRAIL AND TWIN CREEKS GREENWAY AND IMPLEMENT PROGRAM TO SUPPORT NON-VEHICLE TRIPS TO MORRIS GROVE ELEMENTARY SCHOOL.	CONSTRUCTION  IMPLEMENTATION	FY 2020 - FY 2020 - FY 2020 - FY 2020 -	\$523,000 \$131,000 \$10,000 \$2,000	(CMAQ) (L) (CMAQ) (L)
				\$666,000	

**TO REFLECT CURRENT TOWN DELIVERY SCHEDULE,  
DELAY CONSTRUCTION FROM FY 18 TO FY 20 AND  
INCREASE FUNDING AT REQUEST OF MPO.**

* I-5711 ALAMANCE <b>PROJ.CATEGORY</b> STATEWIDE	I-40 / I-85, SR 1007 (MEBANE-OAKS ROAD) IN MEBANE. INTERCHANGE IMPROVEMENTS.  <b><u>PROJECT TO UTILIZE GARVEE BONDS</u></b>	GARVEE CONSTR	FY 2019 - FY 2020 - FY 2021 - FY 2022 - FY 2023 - FY 2024 - FY 2025 - FY 2026 - FY 2027 - FY 2028 - FY 2029 - POST YR-	\$601,000 \$601,000 \$601,000 \$601,000 \$601,000 \$601,000 \$601,000 \$601,000 \$601,000 \$601,000 \$601,000 \$2,404,000	(NHP) (NHP) (NHP) (NHP) (NHP) (NHP) (NHP) (NHP) (NHP) (NHP) (NHP) (NHP)
		CONSTRUCTION	FY 2019 - FY 2019 - FY 2020 - FY 2020 - FY 2021 - FY 2021 -	\$456,000 \$778,000 \$456,000 \$778,000 \$455,000 \$777,000	(NHP) (S(M)) (NHP) (S(M)) (NHP) (S(M))
				\$12,715,000	

U-6129 GUILFORD <b>PROJ.CATEGORY</b> DIVISION	WEST FRIENDLY AVENUE, PEMBROKE ROAD INTERSECTION AND GREEN VALLEY ROAD INTERSECTION IN GREENSBORO. CONSTRUCT INTERSECTION AND PEDESTRIAN IMPROVEMENTS. FROM PEMBROKE ROAD TO GREEN VALLEY ROAD, CONSTRUCT ROADWAY AND ACCESS MANAGEMENT IMPROVEMENTS.  <b><u>REVISE DESCRIPTION TO REFLECT CURRENT SCOPE AT REQUEST OF MPO.</u></b>
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\* INDICATES FEDERAL AMENDMENT

Thursday, May 2, 2019

## HIGHWAY PROGRAM STIP MODIFICATIONS

### DIVISION 8

U-5722 LEE <b>PROJ.CATEGORY</b> REGIONAL	US 421 BUSINESS / NC 87, US 1 / US 15 / US 501 TO FORMER ATLANTIC COAST LINE RAILROAD CROSSING EAST OF WASHINGTON AVENUE IN SANFORD. RECONSTRUCT AS A "COMPLETE STREET" WITH IMPROVEMENTS SUCH AS MEDIANS, SIDEWALKS, BICYCLE FACILITIES, AND STREETSCAPING. <b><u>REVISED DESCRIPTION OF PROJECT TO REFLECT CORRECT EASTERN TERMINUS.</u></b>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2021 - FY 2021 - FY 2024 - FY 2025 - FY 2026 -	\$8,956,000 \$1,075,000 \$6,267,000 \$6,266,000 \$6,267,000	(T) (T) (T) (T) (T)
				\$28,831,000	

### DIVISION 9

* B-5766 STOKES <b>PROJ.CATEGORY</b> DIVISION	SR 1674 (SHEPPARD MILL ROAD), REPLACE BRIDGE 840082 OVER DAN RIVER IN DANBURY. <b><u>ACCELERATE RIGHT-OF-WAY FROM FY 21 TO FY 19 AND CONSTRUCTION FROM FY 22 TO FY 20 AT REQUEST OF DIVISION OFFICE.</u></b>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - FY 2020 - FY 2021 -	\$218,000 \$2,175,000 \$2,175,000	(BGOFF) (BGOFF) (BGOFF)
				\$4,568,000	

P-5726 ROWAN <b>PROJ.CATEGORY</b> REGIONAL	NORFOLK SOUTHERN, NS MAINLINE IN ROWAN COUNTY. CONSTRUCT TRACK IMPROVEMENTS, SECOND PLATFORM, PEDESTRIAN UNDERPASS, SITEWORK, RETAINING WALL AND SIGNAL EQUIPMENT. <b><u>TO REFLECT CURRENT DELIVERY SCHEDULE, DELAY CONSTRUCTION FROM FY 19 TO FY 20 AT REQUEST OF RAIL DIVISION.</u></b>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - FY 2020 - FY 2020 - FY 2021 - FY 2022 -	\$1,638,000 \$269,000 \$780,000 \$2,691,000 \$2,691,000	(T) (T) (O) (T) (T)
				\$8,069,000	

### DIVISION 10

EB-5829 MECKLENBURG <b>PROJ.CATEGORY</b> DIVISION	MATTHEWS, CONSTRUCT FOUR MILE CREEK GREENWAY CROSSING UNDER SR 3448 (SOUTH TRADE STREET) <b><u>TO ALLOW ADDITIONAL TIME FOR PLANNING DELAY CONSTRUCTION FROM FY 19 TO FY 20</u></b>	CONSTRUCTION	FY 2020 - FY 2020 - FY 2020 -	\$45,000 \$1,400,000 \$471,000	(BGDA) (TADA) (L)
				\$1,916,000	

I-5746C MECKLENBURG <b>PROJ.CATEGORY</b> STATEWIDE	I-277 (BROOKSHIRE FRWY), EAST 10TH STREET TO NORTH GRAHAM STREET. BRIDGE REHABILITATION. <b><u>TO ALLOW ADDITIONAL TIME FOR PLANNING DELAY CONSTRUCTION FROM FY 19 TO FY 20</u></b>	CONSTRUCTION	FY 2020 -	\$10,490,000 \$10,490,000	(NHPIM)
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\* INDICATES FEDERAL AMENDMENT

Thursday, May 2, 2019

## HIGHWAY PROGRAM STIP MODIFICATIONS

### DIVISION 10

I-5746D MECKLENBURG <b>PROJ.CATEGORY</b> STATEWIDE	I-277 (BROOKSHIRE FRWY), NORTH GRAHAM STREET TO NORTH OF JOHNSON STREET. BRIDGE REHABILITATION. <b><u>TO ALLOW ADDITIONAL TIME FOR PLANNING DELAY</u></b> <b><u>CONSTRUCTION FROM FY 19 TO FY 20</u></b>	CONSTRUCTION	FY 2020 -	<u>\$7,070,000</u> \$7,070,000	(NHPIM)
I-5746E MECKLENBURG <b>PROJ.CATEGORY</b> STATEWIDE	I-277 (BROOKSHIRE FRWY), I-77 TO EAST 10TH STREET. RESURFACE ROADWAY. <b><u>TO ALLOW ADDITIONAL TIME FOR PLANNING DELAY</u></b> <b><u>CONSTRUCTION FROM FY 19 TO FY 20</u></b>	CONSTRUCTION	FY 2020 -	<u>\$5,000,000</u> \$5,000,000	(NHPIM)
I-5769 MECKLENBURG <b>PROJ.CATEGORY</b> STATEWIDE	I-77, I-277 TO 0.7 MILE NORTH OF NC 27. PAVEMENT REHABILITATION. <b><u>TO ALLOW ADDITIONAL TIME FOR PLANNING DELAY</u></b> <b><u>CONSTRUCTION FROM FY 19 TO FY 20</u></b>	CONSTRUCTION	FY 2020 -	<u>\$10,600,000</u> \$10,600,000	(NHPIM)
R-2530B STANLY <b>PROJ.CATEGORY</b> REGIONAL	NC 24-27, BIRD ROAD IN ALBEMARLE TO WEST OF THE PEE DEE RIVER <b><u>TO ALLOW ADDITIONAL TIME FOR PLANNING DELAY</u></b> <b><u>CONSTRUCTION FROM FY 19 TO FY 20</u></b>	BUILD NC CONST	FY 2020 - FY 2021 - FY 2022 - FY 2023 - FY 2024 - FY 2025 - FY 2026 - FY 2027 - FY 2028 - FY 2029 - POST YR-	\$2,574,000 \$2,574,000 \$2,574,000 \$2,574,000 \$2,574,000 \$2,574,000 \$2,574,000 \$2,574,000 \$2,574,000 \$2,574,000 \$12,870,000	(T) (T) (T) (T) (T) (T) (T) (T) (T) (T) (T) (T)
		CONSTRUCTION	FY 2020 - FY 2021 - FY 2022 - FY 2023 -	\$1,505,000 \$9,532,000 \$9,532,000 <u>\$9,532,000</u>	(T) (T) (T) (T)
				\$68,711,000	
U-6092 MECKLENBURG <b>PROJ.CATEGORY</b> DIVISION	DAVIDSON, DAVIDSON-CONCORD ROAD AT ROBERT WALKER DRIVE. CONSTRUCT ROUNDABOUT. <b><u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u></b> <b><u>DESIGN DELAY RIGHT-OF-WAY FROM FY 19 TO FY 20</u></b> <b><u>AND CONSTRUCTION FROM FY 20 TO FY 21</u></b>	RIGHT-OF-WAY  CONSTRUCTION	FY 2020 - FY 2020 - FY 2021 - FY 2021 -	\$20,000 \$5,000 \$869,000 <u>\$226,000</u>	(BGDA) (L) (BGDA) (L)
				\$1,120,000	

\* INDICATES FEDERAL AMENDMENT

Thursday, May 2, 2019

## HIGHWAY PROGRAM STIP MODIFICATIONS

### DIVISION 12

* C-5703 GASTON <b>PROJ.CATEGORY</b> EXEMPT	GASTONIA, GASTONIA SIGNAL SYSTEM. UPGRADE CITYWIDE SIGNAL SYSTEM. <b><u>ADD RIGHT-OF-WAY IN FY 20 NOT PREVIOUSLY PROGRAMMED.</u></b>	ENGINEERING   RIGHT-OF-WAY  CONSTRUCTION	FY 2019 - \$1,696,000 (CMAQ) FY 2019 - \$32,000 (L) FY 2019 - \$392,000 (S(M)) FY 2020 - \$600,000 (CMAQ) FY 2020 - \$11,000 (L) FY 2020 - \$139,000 (S(M)) FY 2020 - \$6,784,000 (CMAQ) FY 2020 - \$127,000 (L) FY 2020 - <u>\$1,569,000</u> (S(M)) \$11,350,000
EB-5825 CATAWBA <b>PROJ.CATEGORY</b> DIVISION	NEWTON, CONSTRUCT WEST A STREET BIKE AND PEDESTRIAN IMPROVEMENTS. <b><u>TO ALLOW ADDITIONAL TIME FOR PLANNING DELAY CONSTRUCTION FROM FY 19 TO FY 20.</u></b>	CONSTRUCTION	FY 2020 - \$1,000,000 (BGANY) FY 2020 - \$1,651,000 (BGDA) FY 2020 - <u>\$680,000</u> (L) \$3,331,000
EB-5911 CATAWBA <b>PROJ.CATEGORY</b> DIVISION	OLD LENOIR ROAD MULTI-USE PATH, 9TH STREET NW TO HICKORY WATER PLANT. CONSTRUCT MULTI-USE PATH. <b><u>COMBINE SEGMENTS A AND B PER REQUEST FROM MPO</u></b>	ENGINEERING  RIGHT-OF-WAY  CONSTRUCTION	FY 2019 - \$1,017,000 (TAANY) FY 2019 - \$255,000 (L) FY 2020 - \$964,000 (TAANY) FY 2020 - \$241,000 (L) FY 2020 - \$6,498,000 (TAANY) FY 2020 - <u>\$1,625,000</u> (L) \$10,600,000
* EB-5937 CATAWBA <b>PROJ.CATEGORY</b> DIVISION	HICKORY, BOOK WALK. CONSTRUCT MULTI-USE PATH FROM CITY WALK TO RIDGEVIEW LIBRARY. <b><u>TO ALLOW ADDITIONAL TIME FOR PLANNING DELAY CONSTRUCTION FROM FY 19 TO FY 21. ADD PRELIMINARY ENGINEERING IN FY 19 NOT PREVIOUSLY PROGRAMMED.</u></b>	ENGINEERING  RIGHT-OF-WAY  CONSTRUCTION	FY 2019 - \$275,000 (TADA) FY 2019 - \$69,000 (L) FY 2019 - \$25,000 (TADA) FY 2019 - \$6,000 (L) FY 2021 - \$1,500,000 (BGANY) FY 2021 - \$200,000 (BGDA) FY 2021 - <u>\$425,000</u> (L) \$2,500,000
* EB-5938 CATAWBA <b>PROJ.CATEGORY</b> DIVISION	HICKORY, BOOK WALK SOUTH. CONSTRUCT MULTI- USE PATH FROM RIDGEVIEW LIBRARY TO WALMART. <b><u>TO ALLOW ADDITIONAL TIME FOR PLANNING DELAY CONSTRUCTION FROM FY 19 TO FY 21. ADD PRELIMINARY ENGINEERING IN FY 19 NOT PREVIOUSLY PROGRAMMED.</u></b>	ENGINEERING  RIGHT-OF-WAY  CONSTRUCTION	FY 2019 - \$600,000 (TADA) FY 2019 - \$150,000 (L) FY 2019 - \$100,000 (TADA) FY 2019 - \$25,000 (L) FY 2021 - \$2,400,000 (BGANY) FY 2021 - \$100,000 (TADA) FY 2021 - <u>\$625,000</u> (L) \$4,000,000

\* INDICATES FEDERAL AMENDMENT

Thursday, May 2, 2019

## HIGHWAY PROGRAM STIP MODIFICATIONS

### DIVISION 12

* U-5800	NC 7, INTERSECTION OF NC 7/US 74 AND NC 7/US 29.	RIGHT-OF-WAY	FY 2023 -	\$143,000	(T)
GASTON	CONSTRUCT NORTHBOUND THROUGH LANE AND		FY 2024 -	\$2,716,000	(T)
<b>PROJ.CATEGORY</b>	INTERSECTION IMPROVEMENTS.	CONSTRUCTION	FY 2023 -	\$2,000,000	(T)
REGIONAL	<b><u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u></b>		FY 2024 -	\$2,000,000	(T)
	<b><u>DESIGN DELAY RIGHT-OF-WAY FROM FY 19 TO FY 23</u></b>			\$6,859,000	
	<b><u>AND CONSTRUCTION FROM FY 21 TO FY 23</u></b>				

### DIVISION 13

EB-5978	COLLEGE STREET MULTIMODAL CONNECTOR, NORTH	ENGINEERING	FY 2019 -	\$249,000	(TAANY)
BURKE	GREEN STREET TO US 70 IN MORGANTON.		FY 2019 -	\$63,000	(L)
<b>PROJ.CATEGORY</b>	CONSTRUCT MULTI-USE PATH.	RIGHT-OF-WAY	FY 2020 -	\$80,000	(TAANY)
DIVISION	<b><u>ACCELERATE PRELIMINARY ENGINEERING FROM FY</u></b>		FY 2020 -	\$20,000	(L)
	<b><u>20 TO FY 19</u></b>	CONSTRUCTION	FY 2021 -	\$2,320,000	(TAANY)
			FY 2021 -	\$580,000	(L)
				\$3,312,000	

* I-4759	I-40, I-40/SR 1228 (LIBERTY ROAD). CONVERT GRADE	GARVEE RIGHT-O	FY 2019 -	\$691,000	(BGANY)
BUNCOMBE	SEPARATION TO AN INTERCHANGE AND CONSTRUCT		FY 2020 -	\$691,000	(BGANY)
<b>PROJ.CATEGORY</b>	TWO LANE ROADWAY NORTH OF I-40 TO SR 1224 AND		FY 2021 -	\$691,000	(BGANY)
STATEWIDE	FOUR LANE ROADWAY SOUTH OF I-40 TO US 19/US		FY 2022 -	\$691,000	(BGANY)
	23/NC 151 WITH PARTS ON NEW LOCATION.		FY 2023 -	\$691,000	(BGANY)
	<b><u>PROJECT TO UTILIZE GARVEE BONDS</u></b>		FY 2024 -	\$691,000	(BGANY)
			FY 2025 -	\$691,000	(BGANY)
			FY 2026 -	\$691,000	(BGANY)
			FY 2027 -	\$691,000	(BGANY)
			FY 2028 -	\$691,000	(BGANY)
			FY 2029 -	\$691,000	(BGANY)
			POST YR-	\$2,764,000	(BGANY)
		RIGHT-OF-WAY	FY 2019 -	\$766,000	(BGANY)
			FY 2019 -	\$500,000	(S(M))
			FY 2020 -	\$2,184,000	(S(M))
		UTILITIES	FY 2019 -	\$450,000	(BGANY)
			FY 2020 -	\$1,350,000	(BGANY)
		CONSTRUCTION	FY 2022 -	\$10,100,000	(BGANY)
			FY 2023 -	\$10,100,000	(BGANY)
			FY 2024 -	\$10,100,000	(BGANY)
			FY 2025 -	\$10,100,000	(BGANY)
				\$56,015,000	

\* INDICATES FEDERAL AMENDMENT

Thursday, May 2, 2019



## HIGHWAY PROGRAM STIP DELETIONS

**DIVISION 8**

* B-5738 CHATHAM <b>PROJ.CATEGORY</b> DIVISION	SR 1953 (CHATHAM CHURCH ROAD), REPLACE BRIDGE 180147 OVER ROCKY RIVER.  <b><u>PROJECT DELETED AT REQUEST OF DIVISION AND STRUCTURES MANAGEMENT.</u></b>	RIGHT-OF-WAY CONSTRUCTION	FY 2020 - \$102,000 (BGOFF) FY 2021 - <u>\$2,032,000</u> (BGOFF) \$2,134,000
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**DIVISION 12**

* EB-5911A CATAWBA <b>PROJ.CATEGORY</b> DIVISION	OLD LENOIR ROAD MULTI-USE PATH. 9TH STREET NW TO 12TH AVENUE NW (GEITNER ROAD). CONSTRUCT MULTI-USE PATH.  <b><u>DELETE SEGMENT PER REQUEST OF MPO; SEGMENT COMBINED WITH SEGMENT B.</u></b>	CONSTRUCTION	FY 2020 - \$3,520,000 (TAANY) FY 2020 - <u>\$880,000</u> (L) \$4,400,000
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* EB-5911B CATAWBA <b>PROJ.CATEGORY</b> DIVISION	OLD LENOIR ROAD MULTI-USE PATH. 12TH AVENUE NW (GEITNER ROAD) TO HICKORY WATER PLANT. CONSTRUCT MULTI-USE PATH.  <b><u>DELETE SEGMENT PER REQUEST OF MPO; SEGMENT COMBINED WITH SEGMENT A.</u></b>	ENGINEERING  RIGHT-OF-WAY  CONSTRUCTION	FY 2020 - \$489,000 (BGDA) FY 2020 - \$123,000 (L) FY 2020 - \$612,000 (BGDA) FY 2020 - \$153,000 (L) FY 2021 - \$2,978,000 (BGDA) FY 2021 - <u>\$745,000</u> (L) \$5,100,000
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**DIVISION 13**

* B-5867 YANCEY <b>PROJ.CATEGORY</b> DIVISION	SR 1158 (COLBERTS CREEK), REPLACE BRIDGE 990156 OVER COLBERT CREEK.  <b><u>DELETE AT THE REQUEST OF DIVISION.</u></b>	RIGHT-OF-WAY CONSTRUCTION	FY 2020 - \$20,000 (BGOFF) FY 2021 - <u>\$340,000</u> (BGOFF) \$360,000
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* B-5888 BUNCOMBE <b>PROJ.CATEGORY</b> DIVISION	SR 2815 (VILLAGE ROAD), REPLACE BRIDGE 100100 OVER ASHWORTH CREEK.  <b><u>DELETE AT THE REQUEST OF DIVISION.</u></b>	RIGHT-OF-WAY CONSTRUCTION	FY 2024 - \$20,000 (BGOFF) FY 2025 - <u>\$420,000</u> (BGOFF) \$440,000
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\* INDICATES FEDERAL AMENDMENT

Thursday, May 2, 2019

## HIGHWAY PROGRAM STIP DELETIONS

### DIVISION 14

* B-5899 JACKSON PROJ.CATEGORY DIVISION	SR 1119 (SAPPHIRE POST OFFICE ROAD), REPLACE BRIDGE 490001 OVER HORSE PASTURE RIVER. <b><u>DELETE, WORK TO BE ACCOMPLISHED UNDER PROJECT 17BP.14.R.203 PROGRAM</u></b>	RIGHT-OF-WAY CONSTRUCTION	FY 2020 - \$20,000 (BGOFF) FY 2021 - \$400,000 (BGOFF) \$420,000
* B-5900 HAYWOOD PROJ.CATEGORY DIVISION	SR 1835 (WINDING STAIRS), REPLACE BRIDGE 430382 OVER DUTCH COVE CREEK. <b><u>DELETE, WORK TO BE ACCOMPLISHED UNDER PROJECT 17BP.14.R.186 PROGRAM</u></b>	RIGHT-OF-WAY CONSTRUCTION	FY 2020 - \$10,000 (BGOFF) FY 2021 - \$250,000 (BGOFF) \$260,000
* B-5902 JACKSON PROJ.CATEGORY DIVISION	SR 1447 (DILLS BRANCH ROAD), REPLACE BRIDGE 490099 OVER FISHER CREEK. <b><u>DELETE, WORK TO BE ACCOMPLISHED UNDER PROJECT 17BP.14.R.202 PROGRAM</u></b>	RIGHT-OF-WAY CONSTRUCTION	FY 2020 - \$10,000 (BGOFF) FY 2021 - \$250,000 (BGOFF) \$260,000
* B-5906 HENDERSON PROJ.CATEGORY DIVISION	SR 1328 (GASH ROAD), REPLACE BRIDGE 440182 OVER SWEET WATER BRANCH CREEK. <b><u>DELETE, WORK TO BE ACCOMPLISHED UNDER PROJECT 17BP.14.R.198 PROGRAM</u></b>	RIGHT-OF-WAY CONSTRUCTION	FY 2021 - \$10,000 (BGOFF) FY 2022 - \$260,000 (BGOFF) \$270,000
* B-5907 HENDERSON PROJ.CATEGORY DIVISION	SR 1109 (CABIN CREEK ROAD), REPLACE BRIDGE 440208 OVER CABIN CREEK. <b><u>DELETE, WORK TO BE ACCOMPLISHED UNDER PROJECT 17BP.14.R.199 PROGRAM</u></b>	RIGHT-OF-WAY CONSTRUCTION	FY 2024 - \$10,000 (BGOFF) FY 2025 - \$250,000 (BGOFF) \$260,000
* B-5908 MACON PROJ.CATEGORY DIVISION	SR 1387 (OLIVE HILL ROAD), REPLACE BRIDGE 550127 OVER RAY CREEK. <b><u>DELETE, WORK TO BE ACCOMPLISHED UNDER PROJECT 17BP.14.R.195 PROGRAM</u></b>	RIGHT-OF-WAY CONSTRUCTION	FY 2021 - \$20,000 (BGOFF) FY 2022 - \$340,000 (BGOFF) \$360,000

\* INDICATES FEDERAL AMENDMENT

Thursday, May 2, 2019

## HIGHWAY PROGRAM STIP DELETIONS

**DIVISION 14**

* B-5909 HAYWOOD <b>PROJ.CATEGORY</b> DIVISION	SR 1856 (JENKINS ROAD), REPLACE BRIDGE 430375 OVER DUTCH COVE CREEK. <b><u>DELETE, WORK TO BE ACCOMPLISHED UNDER</u></b> <b><u>PROJECT 17BP.14.R.196 PROGRAM</u></b>	RIGHT-OF-WAY CONSTRUCTION	FY 2021 - \$10,000 (BGOFF) FY 2022 - \$270,000 (BGOFF) \$280,000
* B-5912 MACON <b>PROJ.CATEGORY</b> DIVISION	SR 1369 (BYRD ROAD), REPLACE BRIDGE 550181 OVER TELLICO CREEK. <b><u>DELETE, WORK TO BE ACCOMPLISHED UNDER</u></b> <b><u>PROJECT 17BP.14.R.207 PROGRAM</u></b>	RIGHT-OF-WAY CONSTRUCTION	FY 2021 - \$10,000 (BGOFF) FY 2022 - \$250,000 (BGOFF) \$260,000
* B-5913 HENDERSON <b>PROJ.CATEGORY</b> DIVISION	SR 1108 (ROCK CREEK ROAD EAST), REPLACE BRIDGE 440100 OVER ROCK CREEK. <b><u>DELETE, WORK TO BE ACCOMPLISHED UNDER</u></b> <b><u>PROJECT 17BP.14.R.187 PROGRAM</u></b>	RIGHT-OF-WAY CONSTRUCTION	FY 2021 - \$50,000 (BGOFF) FY 2022 - \$500,000 (BGOFF) FY 2023 - \$500,000 (BGOFF) \$1,050,000
* B-5914 MACON <b>PROJ.CATEGORY</b> DIVISION	SR 1369 (BYRD ROAD), REPLACE BRIDGE 550180 OVER SUGAR COVE CREEK. <b><u>DELETE, WORK TO BE ACCOMPLISHED UNDER</u></b> <b><u>PROJECT 17BP.14.R.208 PROGRAM</u></b>	RIGHT-OF-WAY CONSTRUCTION	FY 2021 - \$10,000 (BGOFF) FY 2022 - \$250,000 (BGOFF) \$260,000
* B-5915 TRANSYLVANIA <b>PROJ.CATEGORY</b> DIVISION	SR 1318 (OLD QUEBEC ROAD), REPLACE BRIDGE 870029 OVER NORTH FORK FLAT CREEK. <b><u>DELETE, WORK TO BE ACCOMPLISHED UNDER</u></b> <b><u>PROJECT 17BP.14.R.209 PROGRAM</u></b>	RIGHT-OF-WAY CONSTRUCTION	FY 2022 - \$10,000 (BGOFF) FY 2023 - \$260,000 (BGOFF) \$270,000
* B-5916 POLK <b>PROJ.CATEGORY</b> DIVISION	SR 1501 (HUNTING COUNTRY), REPLACE BRIDGE 740022 OVER WOLFE CREEK. <b><u>DELETE, WORK TO BE ACCOMPLISHED UNDER</u></b> <b><u>PROJECT 17BP.14.R.200 PROGRAM</u></b>	RIGHT-OF-WAY CONSTRUCTION	FY 2022 - \$10,000 (BGOFF) FY 2023 - \$290,000 (BGOFF) \$300,000

\* INDICATES FEDERAL AMENDMENT

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## HIGHWAY PROGRAM STIP DELETIONS

**DIVISION 14**

* B-5917 HENDERSON PROJ.CATEGORY DIVISION	SR 1210 (BIG WILLOW ROAD), REPLACE BRIDGE 440089 OVER BIG WILLOW CREEK. <u><b>DELETE, WORK TO BE ACCOMPLISHED UNDER PROJECT 17BP.14.R.201 PROGRAM</b></u>	RIGHT-OF-WAY CONSTRUCTION	FY 2022 - \$20,000 (BGOFF) FY 2023 - \$380,000 (BGOFF) \$400,000
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* B-5918 CLAY PROJ.CATEGORY DIVISION	SR 1169 (LEFORD ROAD), REPLACE BRIDGE 210060 OVER LEFT FORK EAGLE CREEK. <u><b>DELETE, WORK TO BE ACCOMPLISHED UNDER PROJECT 17BP.14.R.188 PROGRAM</b></u>	RIGHT-OF-WAY CONSTRUCTION	FY 2022 - \$20,000 (BGOFF) FY 2023 - \$300,000 (BGOFF) \$320,000
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* B-5919 MACON PROJ.CATEGORY DIVISION	SR 1635 (MIDDLE CREEK ROAD), REPLACE BRIDGE 550043 OVER MIDDLE CREEK. <u><b>DELETE, WORK TO BE ACCOMPLISHED UNDER PROJECT 17BP.14.R.210 PROGRAM</b></u>	RIGHT-OF-WAY CONSTRUCTION	FY 2022 - \$20,000 (BGOFF) FY 2023 - \$400,000 (BGOFF) \$420,000
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* B-5923 GRAHAM PROJ.CATEGORY DIVISION	SR 1105 (MILL CREEK ROAD), REPLACE BRIDGE 370119 OVER MILL CREEK. <u><b>DELETE, WORK TO BE ACCOMPLISHED UNDER PROJECT 17BP.14.R.189 PROGRAM</b></u>	RIGHT-OF-WAY CONSTRUCTION	FY 2024 - \$10,000 (BGOFF) FY 2025 - \$250,000 (BGOFF) \$260,000
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**ITEM N SUMMARY**

ADDITIONS	10 PROJECTS	\$26,084,000
MODIFICATIONS	31 PROJECTS	
DELETIONS	21 PROJECTS	\$18,084,000
	62 PROJECTS	\$8,000,000

\* INDICATES FEDERAL AMENDMENT

Thursday, May 2, 2019

NCDOT May 2, 2019 Board of Transportation Agenda

SUMMARY: There are a total of 27 agreements for approval by the Board of Transportation

Statewide

Volpe National Transportation  
Center (Volpe)  
48232.2.6

Volpe will support NCDOT in its efforts to design and implement a North Carolina Transportation Innovation Council, in the formation of Transportation Centers for Excellence, and with accompanying changes to the organizational structure of the NCDOT. The work will include providing resource support to NCDOT as it evaluates the best structure to accomplish its goals and mission, and providing NCDOT with technical support to help identify emerging technologies and trends in surface transportation. The Department shall participate in the cost in an amount of \$125,000.

Division 2

Craven County  
R-1015  
34360.2.4

This Agreement is for reimbursement to the County for relocation expenses associated with the Hickman Hill Convenience Site affected by the Department's R-1015 Project. The Department will reimburse the County up to \$631,814 for construction of a new convenience site and construction administration costs. The County will be responsible for building the new site, permitting and for the future maintenance of the facility.

United States Department of  
Agriculture, Forest Service  
(USFS)  
Carteret and Craven Counties  
R-1015  
34360.3.4

This Collection Agreement is payment for mitigation for loss of mature longleaf pines associated with the construction of the R-1015 Havelock Bypass Project on National Forest Lands in Carteret and Craven counties. The Department shall provide the USFS \$202,500 in mitigation for the loss of mature longleaf pines.

Division 3

Town of Belville  
Brunswick County  
EB-6025  
48527.1.1  
48527.2.1  
48527.3.1

This Project consists of construction of a multi-use path along NC 133 between Morecable Boulevard and Rice Hope Run in Belville. 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 shall provide the 20% (\$40,000) non-federal match and all costs that exceed the total estimated cost of \$200,000.

NCDOT May 2, 2019 Board of Transportation Agenda

Division 3, cont.

Town of Belville  
Brunswick County  
EB-6026  
48528.1.1  
48528.2.1  
48528.3.1

This Project consists of construction of a multi-use path along NC 133 connecting the north/south entrances of Hawkeswater Development to Belville Elementary School in Belville. The Municipality is responsible for the Project. The Department shall reimburse 80% of approved eligible expenses from federal funds, not to exceed \$120,000. The Municipality shall provide the 20% (\$30,000) non-federal match and all costs that exceed the total estimated cost of \$150,000.

City of Wilmington  
New Hanover County  
W-5601DH  
50138.3.113

This Project consists of safety improvements at the intersection of US 17 Business (3<sup>rd</sup> Street) and Dock Street in Wilmington to include curb ramps, crosswalk and landscaping. The Department is responsible for all phases of the Project. At the request of the Municipality, the Department shall include in its construction contract betterments to curb ramps and crosswalks and landscaping improvements. The Municipality shall reimburse the Department 100% of the actual costs of the betterments. The estimated reimbursement is \$40,000.

Division 4

Edgecombe County  
R-5868B  
47802.3.3

This Project consists of land preparation, design and construction of rail spur and storage tracks required for the Triangle Tyre Development on the Kingsboro Select Site in Edgecombe County. The Department shall perform the work. The County will reimburse the Department 100% for the work. The estimated reimbursement is \$5,108,250.

Division 5

Town of Butner  
Granville County  
U-6020  
47165.3.1

This Project consists of the realignment of the West Lyon Station Road (SR 1215), including sidewalk, at East C Street (NC 56) in Butner. The total estimated cost of the sidewalk is \$50,000. The Department shall participate in 80% (\$40,000) of the actual cost of the pedestrian facilities. The estimated cost to the Municipality is 20% (\$10,000).

Town of Garner  
Wake County  
B-4654  
38454.3.1

This Project consists of replacement of Bridge No. 69 over US 70 on NC 50 (Benson Road) in Garner. At the request of the Municipality, the Department shall include betterments, including widening the sidewalk, additional pavement width, and a lighting system on the Bridge. The Municipality will reimburse the Department 100% of the actual costs for the Betterments. The estimated cost to the Municipality is \$244,389.

NCDOT May 2, 2019 Board of Transportation Agenda

Division 5, cont.

Town of Garner  
Wake County  
U-5302  
48000.3.1

This Project consists of widening the existing 4-lane roadway to 6-lanes along US 401 from south of SR 1006 (Old Stage Road) to south of SR 2538 (Mechanical Boulevard) in Garner. At the request of the Municipality, the Department shall include construction of pedestrian facilities within the Municipal limits. The total estimated cost of the pedestrian facilities \$276,738. The Department shall participate in 70% (\$193,717). The estimated cost to the Municipality is 30% (\$83,021).

City of Raleigh  
Wake County  
I-5111/I-4739/U-6093  
42346.3.1

This Design-Build Project consists of the addition of lanes on I-40 from US 64/I-440 to just east of NC 42 in Johnston County. This Utility Construction Agreement is to place provisions in the construction contract for the contractor to adjust and relocate water lines at the Rock Quarry Road/I-40 grade separation, Old Garner Road/I-40 grade separation and the US 70/I-40 interchange in Raleigh. The fixed cost to the Municipality is \$704,025.88. It is understood by both parties that this is a lump sum payment and not subject to change.

City of Raleigh  
Wake County  
SM-5705J  
47710.1.1

This Project consists of adding a right turn lane onto Eastbound SR 1647 (Ebenezer Church Road) at SR 1837 (Westgate Road) in Raleigh. The Municipality is responsible for all phases of the work. The Department shall participate in the actual Project costs up to a maximum amount of \$217,000 (estimated costs are \$217,000). Costs which exceed this amount shall be borne by the Municipality.

Division 6

Fort Bragg Military Reservation  
Cumberland, Moore and Hoke  
Counties

This Programmatic Agreement addresses the process for the improvement and maintenance of roads within the Fort Bragg Military Reservation. The Department and the Military have agreed to a process for identifying and implementing upgrades, maintenance responsibilities and cost participation.

Fort Bragg Military Reservation  
Cumberland, Moore and Hoke  
Counties

This Memorandum of Agreement addresses the roles and responsibilities between the Department and Fort Bragg, when the Department takes on maintenance of Fort Bragg training roads outside the Access Control Points after they are added to the State system.

NCDOT May 2, 2019 Board of Transportation Agenda

Division 7

City of Greensboro  
Guilford County  
U-5532G  
46297.3.8

This Project consists of constructing sidewalk and ADA compliant ramps at four intersections in Greensboro. The Municipality is responsible for the Project. The Department shall reimburse 80% with federal funds, not to exceed \$919,760. The Municipality shall provide the 20% non-federal match (\$229,940) and all costs that exceed the total available funding. The total estimated cost is \$1,149,700.

City of Greensboro  
Guilford County  
U-5326  
45484.2.1  
45484.3.1

This Project consists of the construction of right turn lanes, additional left turn lanes, and sidewalks within the Project limits at Market Street and College Road intersection in Greensboro. This Supplemental Agreement is to allow the Department's funding participation to be expanded to allow Utility Relocation as an eligible item for reimbursement with no change in funding.

Division 8

Scotland County  
46953

This Project consists of construction of public rail crossing over SR 1436 (Airport Road) and highway improvements near Laurinburg-Maxton Airport to provide a connection between CSXT main rail line, the Laurinburg-Maxton Airport site and the Mountaire Farms feed mill facility in Scotland County. The County will be responsible for all phase of the work. The Department shall participate in the costs in an amount not to exceed \$162,500. Costs which exceed this amount shall be borne by the County.

Aberdeen, Carolina & Western  
Railroad (ACWR)  
Montgomery and Moore  
Counties  
80000.1.4.64

On November 14, 2018, the Department and ACWR entered into an agreement, which was supplemented on January 29, 2019, to upgrade and replace worn rails, and install switch timber packages and head block at various locations between Milepost 37.0 to Milepost 56.6 and Milepost 316 to Milepost 382. This Supplemental Rail Agreement No. 2 adds the installation of an 84-inch culvert to the scope of work, changes the Department's participation in the cost of the Project from \$671,685 to \$721,685, and updates to the Agreement's exhibit. All other terms and conditions of the Agreements executed on November 14, 2018 and January 29, 2019 will remain the same.



NCDOT May 2, 2019 Board of Transportation Agenda

Division 8, cont.

Norfolk Southern Railway  
Company (NSR)  
Montgomery and Moore  
Counties  
80000.1.4.64

On November 14, 2018, the Department and ACWR entered into an agreement, which was supplemented on January 29, 2019, to upgrade and replace worn rails, and install switch timber packages and head block at various locations between Milepost 37.0 to Milepost 56.6 and Milepost 316 to Milepost 382. NSR, as a partial owner of the rail line, entered into a Contingent Interest Agreement and Instrument of Indebtedness with the Department on January 7, 2019. This Supplemental Agreement No. 1 adds the installation of an 84-inch culvert to the scope of work, changes the Department's participation in the cost of the Project from \$671,685 to \$721,685 and updates the Agreement's exhibit. All other terms and conditions of the Agreement executed on January 7, 2019 will remain the same.

United States Department of  
Agriculture, Forest Service  
(USFS)  
Montgomery County  
R-2527  
35572.1.1

This Category 6 Major Cost Recovery Agreement is for payment of the application fee for the use and occupancy of the National Forest Lands for the Department's R-2527 Project in Montgomery County on Uwharrie National Forest lands. The Department shall reimburse the USFS the estimated processing fee in the amount of \$29,166.02.

Division 9

Town of Kernersville  
Forsyth County  
EB-5957  
48433.1.1  
48433.2.1  
48433.3.1

This Project consists of construction of 528 linear feet of sidewalk from Hopkins Road to the existing sidewalk in Kernersville. The Municipality is responsible for all phases of the Project. The Department shall reimburse 80% of approved eligible expenses with federal funds, not to exceed \$243,450. The Municipality will be responsible for providing the 20% (\$60,863) non-federal match and all costs that exceed the total estimated cost of \$304,313.

City of Winston-Salem  
Forsyth County  
EB-5953  
48429.1.1  
48429.3.1

This Project consists of construction of 1600 linear feet of sidewalk along the east side of University Parkway from Robin Wood Lane to Shattalon Drive. The Municipality is responsible for all phases of the Project. The Department shall reimburse 80% of approved eligible expenses with federal funds, not to exceed \$584,704. The Municipality will be responsible for providing the 20% non-federal match (\$146,176) and all costs that exceed the total available funding. The total estimated cost is \$730,880.

NCDOT May 2, 2019 Board of Transportation Agenda

Division 10

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

This Project consists of the installation of a traffic signal, left turn lanes and sidewalk construction on NC 115 (South Main Street) at Hickory Street in Cornelius. The Department is responsible for all phases of the project. The Department shall participate in the project costs up to a maximum amount of \$1,003,265 (67%) in federal funds. The Municipality will provide the non-federal match in the amount of \$494,151 (33%) and in all costs that exceed the total estimated cost of \$1,497,416.

Division 11

Caldwell County Railroad  
Company (CWCY)  
Catawba County  
80000.2.3.103

This Rail Agreement provides for CWCY's construction costs for work on Old Lenoir Road at Milepost HG 92.56. CWCY will perform the work within the railroad right-of-way and the Department will perform all work outside of the railroad right-of-way. The Department shall be responsible for all material costs incurred by CWCY. The estimated Project cost is \$47,500.

Division 12

City of Statesville  
Iredell County  
U-6153  
48384.1.1  
48384.3.1

This Project consists of the relocation of a portion of Bethlehem Road adjacent to the Statesville Regional Airport. The Municipality shall be responsible for all phases of the project. The Department shall reimburse 100% of approved eligible costs from state funding, not to exceed \$2,550,000. Costs which exceed this amount shall be borne by the Municipality.

City of Hickory  
Catawba County  
EB-5911  
47577.1.1  
47577.2.1  
47577.3.1

This Project consists of construction of a 2.5 mile multi-use path from 9th Street NW to 12th Avenue NW (Geitner Road) along Old Lenoir Road to its end. The Municipality is responsible for all phases of the Project. The Department shall reimburse 80% of approved eligible expenses with federal funds, not to exceed \$8,480,000. The Municipality will be responsible for providing the 20% non-federal match (\$2,120,000) and all costs that exceed the total estimated cost is \$10,600,000.

NCDOT May 2, 2019 Board of Transportation Agenda

Division 12, cont.

City of Gastonia  
Gaston County  
C-5703/C-5606C  
48320.1.1/43728.1.4  
48320.2.1  
48320.3.1/43728.3.4

This Project consists of upgrades to the existing computerized traffic signal system under Project C-5703 and the installation of CCTV cameras under C-5606C. The Department will participate in 80% (\$8,480,000) of costs for C-5703 with federal CMAQ funds. The Department and the Municipality shall share the non-federal match of 20% (\$1,961,000 state match and \$159,000 local match) per the Agreement. The Department will participate in 79% (\$600,400) of costs for C-5606C with federal CMAQ funds. The Municipality shall provide the non-federal match of 21% (\$159,600). All costs that exceed the total available funding of \$11,360,000 will be shared at the percentage rates included in the Agreement.

NCDOT May 2, 2019 Board of Transportation Agenda

SUMMARY: There are a total of 27 agreements for informational purposes only

Division 1

NC Department of Natural and  
Cultural Resources  
Tyrrell County  
36249.4004

This Project consists of removing sediment and vegetation from three drainage ditches in Pettigrew State Park (Thirty Foot Canal, Western Canal and Somerset Place) and will include machining and stabilizing Magnolia Cross Extension from SR 1119 for approximately 1.6 miles. The Department will perform the work. The Agency shall reimburse the Department 100% for the work. The estimated reimbursement is \$36,135.

Town of Columbia  
Tyrrell County  
80092

This Project consists of construction of sidewalk along US 64 Business (Main Street) from the entrance of Columbia High School to the existing sidewalk along US 64. The Department will perform the work. The Municipality shall participate in the cost of the project in the amount of \$5,000. The estimated cost of the project is \$25,000.

Division 3

347 MCO, LLC  
New Hanover County  
36249.4002

This Project consists of a signal installation at US 17 (Military Cutoff Road) and Site Access 3, and signal modifications on US 17 (Military Cutoff Road) at Station Road/Site Access 1 [SIN 03-0950], and Town Center Drive/Cayman Court (non-system) [SIN 03-0956]. 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 a 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). 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.

NCDOT May 2, 2019 Board of Transportation Agenda

Division 3, cont.

Town of Leland  
Brunswick County  
U-5534D  
44096.1.F5  
44096.2.5  
44096.3.5

This Project consists of construction of a multi-use path beginning at the Leland Town Hall Campus and ending at the driveway of the North Brunswick High School. This Supplemental Agreement extends the completion date of the Project to July 1, 2020 in lieu of September 24, 2018.

City of Wilmington  
New Hanover County  
U-5534C  
44096.1.F4  
44096.2.F4  
44096.3.21

This Project consists of intersection improvements at Wrightsville Avenue/Greenville Avenue including bike lanes and sidewalk along Greenville Avenue from Wrightsville Avenue to Hinton Avenue in Wilmington. This Supplemental Agreement extends the completion date of the Project to September 1, 2021 in lieu of January 6, 2019.

City of Wilmington  
New Hanover County  
U-5534F  
44096.1.F7  
44096.2.7  
44096.3.7

This Project consists of construction of a multi-use trail on Park Avenue between Audubon Drive and Kerr Avenue in Wilmington. This Supplemental Agreement extends the completion date of the Project to September 1, 2021 in lieu of March 11, 2019.

City of Wilmington  
New Hanover County  
U-5534G  
44096.1.F8  
44096.2.8  
44096.3.8

This Project consists of construction of a 10-foot wide multi-use path along Hooker Road from Wrightsville Avenue to Mallard Drive/Rose Avenue Intersection in Wilmington. This Supplemental Agreement extends the completion date of the Project to December 1, 2022 in lieu of June 24, 2019.

City of Wilmington  
New Hanover County  
U-5534H  
44096.1.F9  
44096.2.9  
44096.3.9

This Project consists of construction of a 10-foot wide multi-use path along Hinton Avenue from Park Avenue to Greenville Avenue in Wilmington. This Supplemental Agreement extends the completion date of the Project to December 1, 2022 in lieu of June 24, 2019.

City of Wilmington  
New Hanover County  
36249.4007

This Project consists of a temporary signal installation at US 421 (Carolina Beach Road) and Sunnyvale Drive. 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.

NCDOT May 2, 2019 Board of Transportation Agenda

Division 3, cont.

City of Jacksonville  
Onslow County

This Agreement is for the transfer of maintenance responsibilities of a dry detention basin area (ID# IM-3-67-DDB-2819) located south of Bridge No. 24 (Buddy Phillips Bridge), adjacent to Department Project B-4214 in Jacksonville. The Municipality shall assume maintenance responsibilities of the site.

Town of Surf City  
Pender County  
B-4929(L)  
40233.3.2

This Project consists of landscaping enhancement as part of the Department's replacement of Bridge No. 16 over the Intra-Coastal Waterway on NC 50-210. The Department shall develop the landscape design, prepare the plans and site and install the plantings. The Municipality shall assume maintenance of the landscaping after a two-year establishment period.

Division 4

Vanguard Property Group, Inc.  
Nash County  
SS-4904EV  
48300.3.1

This Project consists of roadway improvements for the driveway entrances associated with the proposed Dollar General at NC 58 and NC 97. The Department will perform the work. The Developer shall reimburse the Department a fixed cost for the work in the amount of \$60,000.

Division 5

SVT Carrington Mill  
Wake County  
36249.4006

This Project consists of a new traffic signal at the intersection of Carrington Mill Boulevard at Slater Road (SR 1641) in Morrisville. The Department will review the traffic signal plans and inspect the installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$7,500.

RESAM Real Estate Holding  
Wake County  
36249.4003

This Project consists of a traffic signal upgrade at Laura Duncan Road (SR 1306) and Apex Peakway. 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.

Deere & Company – John Deere  
Turf Care  
Wake County  
36249.4009

This Project consists of installation of a new traffic signal at the plant entrance on NC 55, just south of SR 2765 (Old Honeycutt 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 \$5,000.

NCDOT May 2, 2019 Board of Transportation Agenda

Division 5, cont.

Weavers Pond Development,  
LLC  
Wake County  
36249.4011

This Project consists of installation of a new traffic signal at the intersection of NC 96 and Pippin 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 \$5,000.

Lee Properties Group, LLC  
Wake County  
36249.4013

This Project consists of a traffic signal upgrade on Hopson Road at 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.

REF II-FH NC SIERRA, LLC  
Durham County  
36249.4014

The Project consists of a traffic signal upgrade on US 70 at Leesville 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 \$5,000

LMC Durham Gateway  
Holdings, LP  
Durham County  
36249.4015

This Project consists of a traffic signal upgrade on Roxboro Street at Jackie Robinson 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.

Tunnel Creek Vineyards  
Person County  
36249.4010

This Project consists of the manufacture and installation of vineyard signs and trailblazing signs for the Developer. The Department shall design, fabricate and provide the necessary labor for installation of the signs. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$16,457.52.

Wake County Board of  
Education  
36249.3980

This Project consists of the new installation of a traffic signal at SR 2049 (Forestville Road) at SR 2217 (Old Milburnie 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 \$5,000.

NCDOT May 2, 2019 Board of Transportation Agenda

Division 5, cont.

Wake County Public School  
System  
36249.4008

This Project consists of modifications to existing traffic signals at NC 42 and SR 2752 (Kennebec Road) and NC 55 and SR 2765 (Old Honeycutt 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 \$5,000.

Division 7

Town of Chapel Hill  
Orange County  
U-5543  
50109.3.1

This Project consists of construction of variable message signs for traffic management on major corridors in Chapel Hill. This Supplemental Agreement is to re-obligate the source of funding from STBGDA funds to STBG-Any Area funds. The amount of funding will not change.

LG 1810 Fordham Blvd, LLC  
Orange County  
36249.3983

This Project consists of traffic signal upgrades at three intersections on US 15 501 in Orange County. 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

Naisi Development Salisbury,  
LLC  
Rowan County  
36249.4005

This Project consists of making signal pole modifications at Jake Alexander Boulevard at Rowan Cabarrus Community College. The Department will review the traffic signal plans and inspect the signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$5,000.

Division 10

City of Concord  
Cabarrus County  
U-5522  
55059.1.F1  
55059.3.1

This Project consists of Intelligent Transportation Systems (ITS) expansion, including completion of the Transportation Management Center in Concord. The Municipality is responsible for the Project. This Supplemental Agreement extends the completion date of the Project to December 31, 2021 in lieu of February 3, 2019.



# NCDOT May 2019 Board of Transportation Agenda

## Approval of Municipal Street System Changes

### Deletions from the State Highway System

Div	County	Municipality	Road	Termini	Length
10	Cabarrus	Town of Harrisburg	SR 1173; Caldwell Road	To delete (0.380 miles) a partial portion of Caldwell Road (SR 1173) from Tom Query Road (SR 1166) to the end of State Maintenance	0.38
		<b>File Name:</b>	Cabarrus 2019_05_M001		
10	Mecklenburg	City of Charlotte	SR 1443; Trojan Drive	To delete (0.26 miles) of Trojan Drive from NC 160 to the dead end.	0.26
		<b>File Name:</b>	Mecklenburg 2019_05_M001		
10	Mecklenburg	City of Charlotte	SR 1513; Gold Medal Circle	To delete (0.05 miles) of Gold Metal Circle from Trojan Drive to the dead end.	0.05
		<b>File Name:</b>	Mecklenburg 2019_05_M001		
<b>Total Miles =</b>					<b>0.690</b>

**Please see page 2 for a revision**

## Approval of Municipal Street System Changes

### Deletions from the State Highway System

#### Revision

Div	County	Municipality	Road	Termini	Length
7	Alamance	City of Mebane	SR 2205; Burgess Road	To delete Burgess Road	0.190

**File Name:** Alamance 2018\_11\_M001      **Correction:** December 2018 agenda had a length of 0.140 and should be 0.190

**Total Miles = 0.190**

## **NCDOT May 2019 Board of Transportation Agenda**

<b><u>No.</u></b>		<b><u>Enacted Page No.</u></b>
<b>1</b>	<b>Preliminary Right of Way Plans</b>	<b>R-1 &amp; R-2</b>
<b>2</b>	<b>Final Right of Way Plans</b>	<b>R-3 &amp; R-4</b>
<b>3</b>	<b>Conveyance ROW Residue (HB 501)</b>	<b>R-5</b>
<b>4</b>	<b>Approval of Conveyance of Highway Right of Way Residues</b>	<b>R-6</b>
<b>5</b>	<b>Approval of Conveyance of Surplus Right of Way</b>	<b>R-7</b>
<b>6</b>	<b>Approval of Permanent Sewer Easement</b>	<b>R-8</b>
<b>7</b>	<b>Approval of BEMC Power Line Relocation</b>	<b>R-9</b>
<b>8</b>	<b>Authorization to Condemn Right of Way for Secondary Road Project</b>	<b>R-10</b>

**Preliminary Right of Way Plans**

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

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

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

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

**(Division 1)**

**Hertford County; I.D. No. R-5811; Project No. 46980.2.1:**  
NC 461 from NC 45 to end of state maintenance

**(Division 5)**

**Wake County; I.D. No. W-5601HP; Project No. 50138.2.225:**  
SR 1375 (Lake Wheeler Road) at SR 1390 (Optimist Farm Road) / SR 1503 (Donnybrook Road)

**Wake County; I.D. No. C-5604HA; Project No. 43714.2.10:**  
6700" linear feet of Greenway from Mingo Creek Greenway and Knightdale Station Park

**Durham County; I.D. No. U-5717; Project No. 50400.2.1:**  
US 15 / US 501 at SR 1116 (Garrett Road) in Durham

**(Division 7)**

**Guilford County; I.D. No. R-4707; Project No. 36599.2.1:**  
US 29 / SR 4771 (Reedy Fork Parkway) interchange improvements in Greensboro

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

**(Division 9) (continued)**

**Forsyth County; I.D. No. U-2729; Project No. 34853.2.2:**  
SR 1672 (Hanes Mill Road) from Museum Drive to SR 4000 (University Parkway)

**Davidson County; I.D. No. U-5757; Project No. 54035.2.1:**  
NC 8 (Winston Road) from 9<sup>th</sup> Street to SR 1400 (Biesecker Road) in Lexington

**(Division 10)**

**Union County; I.D. No. U-5764; Project No. 50177.2.1:**  
US 74 from NC 200 (Dickerson Boulevard) to SR 1007 (Rocky River Road)

**Union County; I.D. No. U-5808; Project No. 44381.2.1:**  
SR 1362 (Chestnut Lane Connector) from Matthews Indian Trail Road to SR 1368 (Gribble Road)

**Union County; I.D. No. U-5931; Project No. 45941.2.1:**  
US 74 Intersection of US 74 and Secrest Shortcut Road

**Mecklenburg County; I.D. No. U-4713A; Project No. 39077.2.2:**  
SR 3440 (McKee Road Extension) from SR 3448 (Pleasant Plains Road) to SR 1009 (John Street)

**Mecklenburg County; I.D. No. U-5906; Project No. 46451.2.1:**  
SR 2195 (Torrence Chapel Road) to SR 5544 (West Catawba Avenue)

**Mecklenburg County; I.D. No. U-5905A; Project No. 46450.2.2:**  
SR 2112 (Lakeview Road) from Reames Road to NC 115

**Cabarrus County; I.D. No. P-5725; Project No. 47603.2.1:**  
Norfolk Southern Mainline

**(Division 12)**

**Gaston County; I.D. No. U-6038; Project No. 46974.2.1:**  
US 74 (Wilkson Boulevard) from NC 7 (Catawba Street) to SR 2209 (Wesleyan Drive)

**(Division 14)**

**Clay County; I.D. No. R-5863; Project No. 47516.2.1:**  
US 64 Business from Main Street to US 64

**Polk County; I.D. No. I-4729B; Project No. 34243.2.3:**  
Construct Improvements on NC 108 at Exit 67

**Haywood County; I.D. No. U-5839; Project No. 50230.2.1:**  
US 276 (Russ Avenue) from US 23/74 to US 23 Business (Main Street)

**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 2)****Project No. 46016.2.1; Beaufort County; I.D. No. B-5302:**

Drainage, grading, paving, signals and structure on Bridge No. 3 over the Norfolk Southern Railroad on US 17B; Bridge No. 25 on US 17 over Pamlico River with the right of way indicated upon the final plans for said project.

**(Division 2/4)****Project No. 34461.2.9; Wayne-Lenoir Counties; I.D. No. R-2554BB&C:**

Grading, drainage, paving and structure on US 70 (Goldsboro Bypass) from East of SR 1556 (Wayne Memorial Drive) to East of SR 1323 (Promise Land Road) with the right of way indicated upon the final plans for said project. **Project is a Design-Build and was to be let on 01/25/12 plans were never submitted for recording prior.**

**(Division 5)****Project No. 46932.2.1; Wake County; I.D. No. P-5720:**

Drainage, grading, paving, retaining wall, signals and structure on CSX – proposed grade-separation of Durant Road (SR 2006) over CSX S Line Railroad in Raleigh with the right of way indicated upon the final plans for said project.

**(Division 14)****Project No. 48037.2.2; Jackson County; I.D. No. B-5905:**

Drainage, grading, paving, signals and structure on Bridge No. 27 over Scott Creek and Southern Railroad on US 23 Business with the right of way indicated upon the final plans for said project.

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

**(Division 14) (continued)**

**Project No. 50193.2.1; Cherokee County; I.D. No. R-5735:**

Drainage, grading, paving and signals US 19/US 74/US 64/US 129 from end of 4-lane divided section to US 19 Business (Hiwassee Street) with the right of way indicated upon the final plans for said project.

**FINAL RIGHT OF WAY PLANS**

**5 PROJECT(S)**

**\$ 0.00**

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

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

**(Division 4) REVISION SUBMITTED 01/10/19**

**Project 34929.2.4, U-3334A Parcel 049 SR 1923 Booker Dairy Road from US 70  
Business West to SR 1003 Buffalo Road  
Johnston County**

Conveyance of an approximate 0.886-acre A-class residue area to Tima, LLC for the highest offer amount of **\$85,000.00**; commission \$5,100.00

**Revised submission**

**Project 34929.2.4, U-3334A Parcel 049 SR 1923 Booker Dairy Road from US 70  
Business West to SR 1003 Buffalo Road  
Johnston County**

Due to a survey, the original acreage of 0.886 has been reduced to 0.732. Therefore, the offer from Tima, LLC has been reduced from \$85,000 to \$69,720.



**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 2)**

**Project 8.1221104, Parcel R-0218B 030, US 13-NC 11 Bethel Bypass**

**Pitt County**

Conveyance of an approximate 2.94 acre residual tract to Edward G. Griffin and Donna S. Griffin, for the high bid amount of \$2,000.

**(Division 7)**

**Project 34820.2.19, Parcel U-2524D 056, Future I-840, from US 220 (Battleground Avenue) to SR 2303 (Lawndale Drive)**

**Guilford County**

Conveyance of an approximate 1.34 acre residual tract to City of Greensboro, for incorporation into their Greenway and walking trails, for no monetary consideration. If the 1.34 acre area is not continuously utilized for the City's Greenway and walking trails, the property will be returned to the Department at no expense to the Department

**CONVEYANCE ROW RESIDUE**

**2 PROJECT(S)**

**\$ 2,000.00**

**Approval of Conveyance of Surplus Highway Right of Way**

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

**(Division 7)**

**Project 35637.2.1, Parcel U-4017 006, Partial disposal of Permanent Drainage Easement on SR 1541 (Wendover Avenue) at SR 4187 (Piedmont Parkway) in High Point**

**Guilford County**

Disposal of approximately 0.5761 acre of surplus permanent drainage easement to Premier Stores, Inc. for no consideration.

**(Division 11)**

**Project 9.8111577(8-202), Parcel U-2309 007, US 321A in Lenoir Township  
Caldwell County**

Disposal of approximately 0.62 acre of surplus right of way to Highways to Hedges Ministry, Inc. for no consideration.

**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 10)**

**Project 6.678015T Parcel 032, I-485 and SR 2804 (Reedy Creek Road)  
Mecklenburg County**

The Department acquired a residual tract from John W. Templeton located between I-485 and SR 2804 (Reedy Creek Road). The City of Charlotte has requested the Department to allow it to place an 8 inch sanitary sewer line on the aforementioned residual tract. The Department has determined the placement of the sewer line would cause no damage to the residual tract. This is to request authority for Manager of Right of Way Unit to execute the appropriate instrument.

**Approval of BEMC Power Line Relocation**

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 6.2310011, US 17****Brunswick County**

The Department acquired a 18.86 acre tract from Faith Missionary Baptist Church, by Deed dated September 20, 1988 and recorded in DB 746 at PG 361 of the Brunswick County Registry. Aforesaid deed references Plat Book S Page 324 which shows the 100 foot Right of Way of Brunswick Electric Membership Corporation (BEMC) for their Transmission Line across the property. BEMC has requested to relocate their 100 foot easement and Transmission Line nearer to US 17 for better visibility and accessibility. The Department has determined the relocation of the Transmission Line would cause no damage to the residual tract. This is to request authority for Manager of Right of Way Unit to execute the appropriate instrument.

The Department has been unsuccessful in acquiring certain right of way for Secondary Roads; and the indemnity bond for the cost of any condemnation proceeding required is being secured in keeping with the Secondary Roads Policy of the Department.

Upon recommendation of the Chief Engineer, the Board finds and hereby authorizes the Right of Way Unit to acquire right of way by condemnation through the Attorney General's Office for the following parcel(s):

**CLAIM OF: Marcie Gaines Barnes and William Atlas Barnes**  
**Project No.: 11C.095116**  
**PARCEL No.: 016**  
**COUNTY: Watauga**  
**SR No.: 1218 (Laurel Branch Road)**

<b>AUTHORIZATION TO CONDEM RIGHT OF WAY FOR SECONDARY ROAD PROJECT</b>	<b>1 PROJECT(S)</b>	<b>\$0.00</b>
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<b>R-ITEM SUMMARY</b>	<b>31 PROJECT(S)</b>	<b>TOTAL: \$ 71,720.00</b>
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**NORTH CAROLINA BOARD OF TRANSPORTATION  
RECOMMENDED ALLOCATION OF HIGHWAY MAINTENANCE APPROPRIATIONS  
FISCAL YEAR 2018 - 2019**

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

April 18, 2019

MEMORANDUM TO: Board of Transportation

FROM: Transportation Planning Division

SUBJECT: Submission of the Cabarrus-Rowan Metropolitan Planning Organization Comprehensive Transportation Plan for Mutual Adoption by the Board of Transportation

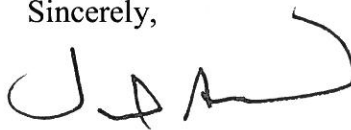
The Transportation Planning Division has worked cooperatively with the Cabarrus-Rowan Metropolitan Planning Organization (CRMPO) on amendments to their Comprehensive Transportation Plan (CTP). The plan was adopted by the CRMPO on March 27, 2019.

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

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

The Transportation Planning Division recommends the mutual adoption of the amended CRMPO Comprehensive Transportation Plan as shown on the attached map, with a recommendation date of March 28, 2019.

Sincerely,

A handwritten signature in black ink, appearing to read 'J Alavi', with a large, sweeping flourish extending from the end of the signature.

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

Attachment

May 2, 2019

**Adopted by:**

**Cabarrus-Rowan MPO**

**Date: January 25, 2017**

**Amended: March 27, 2019**

**NCDOT**

**Date: March 9, 2017**

**Amended:**

**Recommended by:**

**Transportation Planning Division**

**Date: February 13, 2017**

**Amended: March 28, 2019**

**NOTES:**

The CRMPO CTP has been amended to reflect changes to the highway, bicycle, and pedestrian networks. Refer to the Summary of Amendments and the CTP maps for further details.

Sheet 1 Adoption Sheet









Sheet 2 Highway Map

Sheet 3 Public Transportation  
and Rail Map

Sheet 4 Bicycle Map

Sheet 5 Pedestrian Map

**Legend**

-  School
-  Airport
-  Roads
-  Railroad
-  Water Bodies
-  Municipal Boundary
-  MPO Boundary
-  County Boundary

0 1.5 3 6 Miles



Sheet 1 of 5

Base map date: June 5, 2018

Refer to CTP document for more details

**Cabarrus-Rowan  
MPO**

**AMENDED**

**RECOMMENDED**

**Cabarrus Rowan Metropolitan  
Planning Organization  
North Carolina**

**Comprehensive**

**Transportation Plan**

Plan date: September 26, 2016

Revision date: March 26, 2019



April 18, 2019

MEMORANDUM TO: Board of Transportation

FROM: Transportation Planning Division

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

The Transportation Planning Division has worked cooperatively with the Montgomery County on amendments to their Comprehensive Transportation Plan (CTP). The plan was adopted by Montgomery County on April 16, 2019, the Town of Biscoe on March 11, 2019, the Town of Candor on March 4, 2019, the Town of Mount Gilead on March 5, 2019, and the Town of Troy on March 4, 2019. It was endorsed by the Triad RPO on April 17, 2019.

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

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

The Transportation Planning Division recommends the mutual adoption of the amended Montgomery County Comprehensive Transportation Plan as shown on the attached map, with a recommendation date of April 18, 2019.

Sincerely,

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

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

Attachment

May 2, 2019

## Originally Adopted by:

<b>Town of Biscoe</b>	<b>Town of Star</b>
Date: November 14, 2011	Date: November 14, 2011
Amended: March 11, 2019	Amended: No Change

<b>Town of Candor</b>	<b>Town of Troy</b>
Date: November 7, 2011	Date: November 7, 2011
Amended: March 4, 2019	Amended: March 4, 2019

**Town of Mount Gilead**  
Date: December 13, 2011  
Amended: March 5, 2019

**Montgomery County**  
Date: December 20, 2011  
Amended: April 16, 2019

**NCDOT**  
Date: March 8, 2012  
Amended:

## Endorsed by:

**Piedmont Triad RPO**  
Date: February 15, 2012  
Amended: April 17, 2019

## Recommended by:

**Transportation Planning Division**  
Date: February 16, 2012  
Amended: April 18, 2019

**This CTP has been amended to reflect only changes to the highway network. Refer to the Summary of Amendments and the CTP maps for further detail.**

RANDOLPH COUNTY

MOORE COUNTY

RICHMOND COUNTY

ANSON COUNTY

Sheet 1 Adoption Sheet (Amended)

Sheet 2 Highway Map (Amended)

Sheet 3 Public Transportation and Rail Map

Sheet 4 Bicycle Map

Sheet 5 Pedestrian Map

### Legend



0 1 2 4 6 Miles



**RECOMMENDED**

Figure 1, Sheet 1 of 5

**AMENDED**

Base map date: January 25, 2011

Refer to CTP document for more details



**Montgomery  
County**

North Carolina

**Comprehensive  
Transportation Plan**

Plan date: October 31, 2011

Revision date: December 3, 2018

## ITEM V

### NORTH CAROLINA BOARD OF TRANSPORTATION

There will be no Item V submitted to the Board for approval at the May 2, 2019, Board meeting.

## RESOLUTION FOR THE AIRBORNE AND SPECIAL OPERATIONS HIGHWAY

**WHEREAS**, pursuant to North Carolina General Statute 136-18 (8), the North Carolina Board of Transportation may name or rename any road of the State's system of highways;

**WHEREAS**, pursuant to the North Carolina Department of Transportation Honorary Naming and Designations of State Transportation Assets/Employee Memorial Program Policy adopted in February 2019, an overlay designation shall indicate that a portion of a highway can be given another honorary designation in conjunction with the first due to the length of the original honorary designation being longer than five miles; and

**WHEREAS**, the Board of Transportation's resolution indicated that the Airborne and Special Operations Highway designation from July 10, 2014 was to be a vital interstate connection from I-95 to US 401, Raeford Road for the total distance of 24.75 miles; and

**WHEREAS**, the Fayetteville City Council and Fort Bragg Garrison Command supported the Airborne and Special Operations designation for the entire length of I-295 as per the original Board of Transportation resolution.

**NOW, THEREFORE, BE IT RESOLVED:**

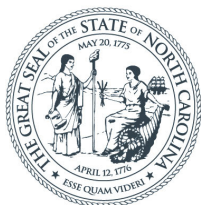
That the North Carolina Board of Transportation designates *The Airborne and Special Operations Highway* as an Overlay Designation for the entire portion of I-295, in both Present state and Future extensions – from I-95 to I-95.

That appropriate signs will be erected at a suitable time.

Adopted this the 2<sup>nd</sup> day of May 2019 by the North Carolina Board of Transportation.

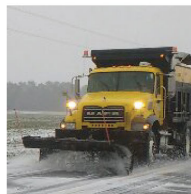
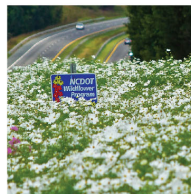
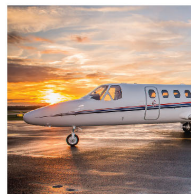
  
Chairman

  
Secretary of Transportation



## **NORTH CAROLINA**

Department of Transportation



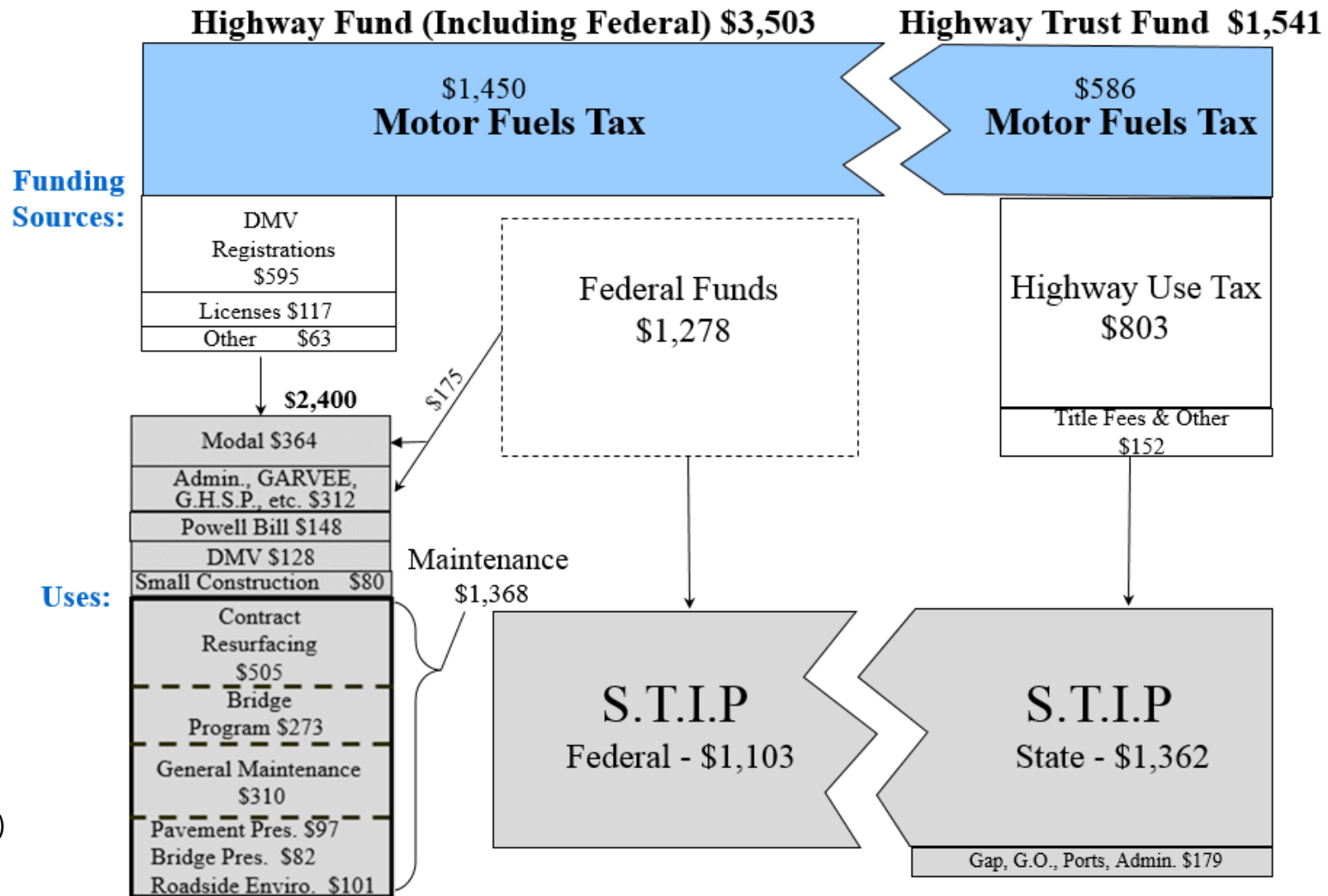
# Financial Update

As of March 2019

Evan Rodewald, Chief Financial Officer

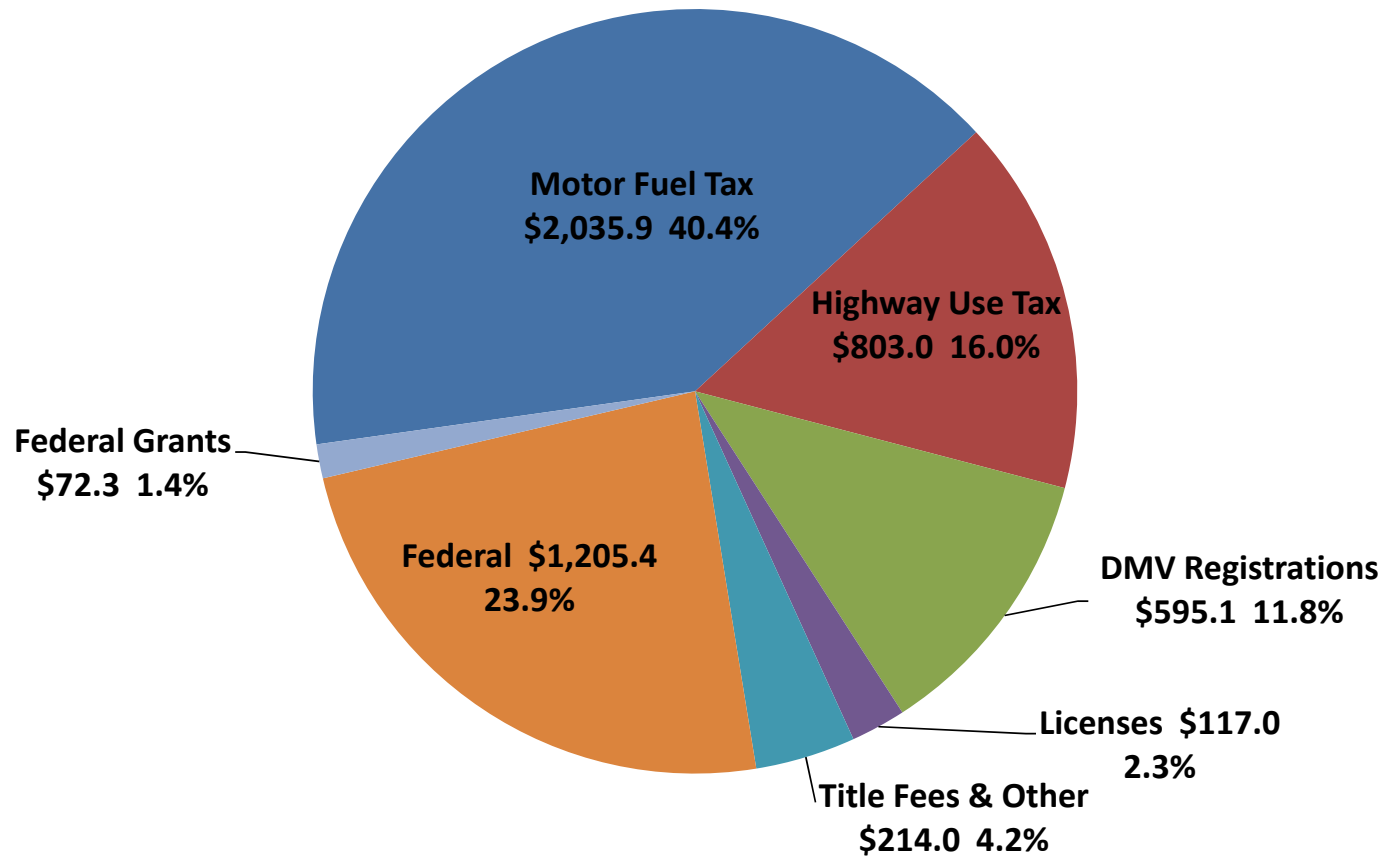
May 1, 2019

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



# NCDOT Revenue Sources SFY2019 - \$5.0 Billion

(Excludes Receipt Supported Funding of \$0.1B)

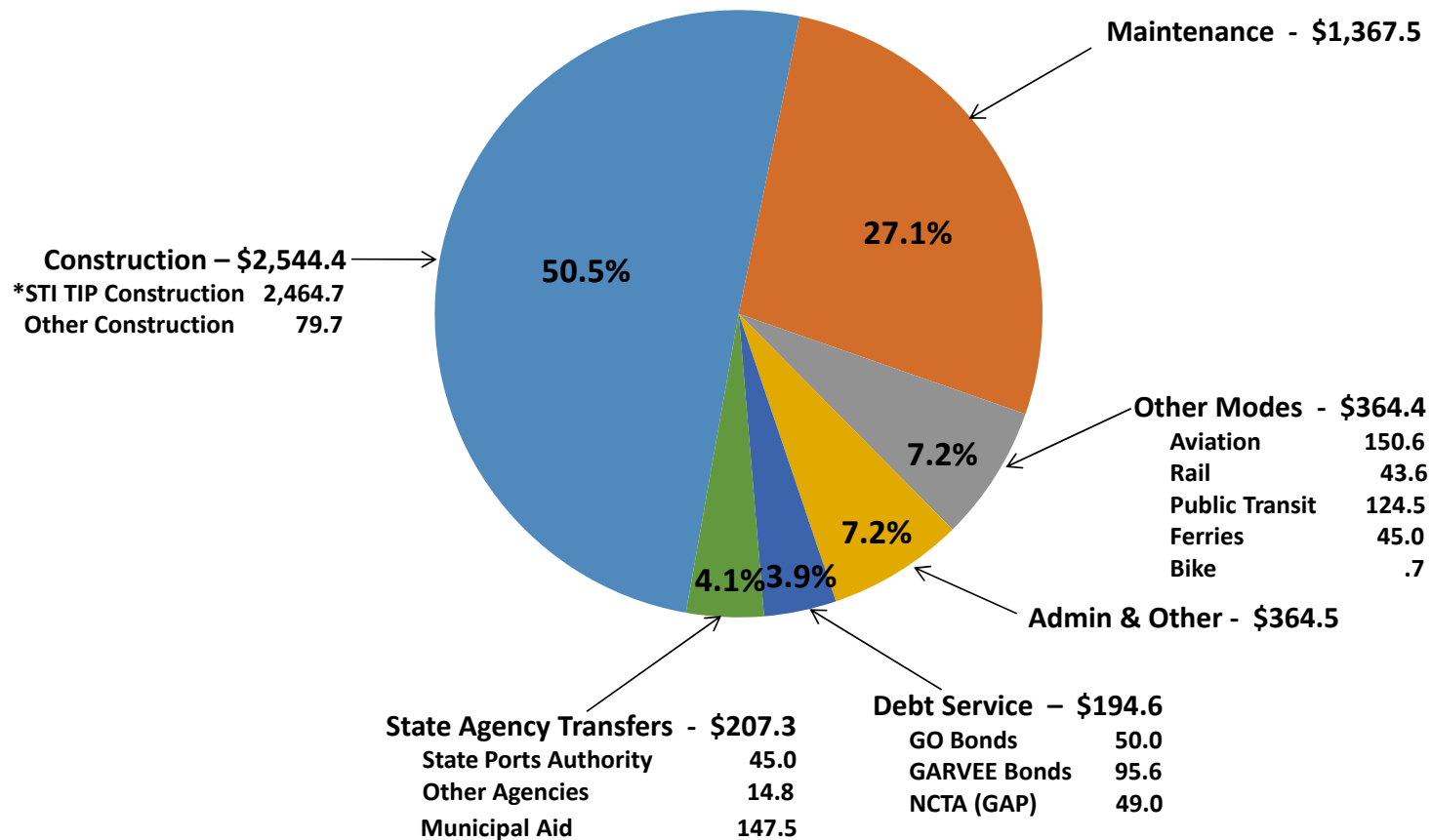


(\$ in millions)

# Uses of 2018-19 NCDOT Appropriations

## Total Funding = \$5.0 Billion

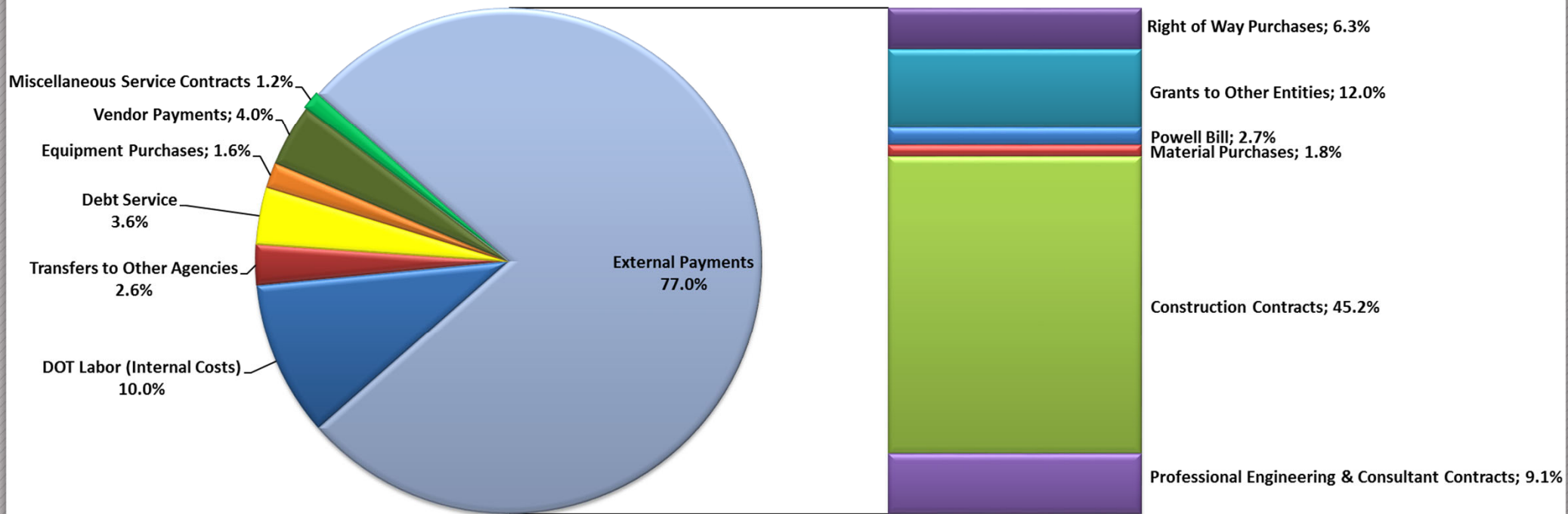
(Excludes Receipt Supported Funding of \$0.1B)



(\$ in millions)



## NCDOT Expenditures SFY2019 as of March 31, 2019



# Revenue Summary March 2019

(\$ in Millions)

	March 2019	March 2018	Year Over Year				2018-2019 SFY Budget	
			2018-2019 YTD Actual	2017-2018 YTD Actual	\$ Δ	% Δ	Annual Budget	%
<b>State &amp; Federal Collections*:</b>								
State Highway Fund Revenues	\$ 192.8	\$ 187.0	\$ 1,676.2	\$ 1,608.8	\$ 67.4	4%	2,224.5	75%
State Highway Trust Fund Revenues	132.3	127.7	1,175.1	1,124.7	50.4	4%	1,540.5	76%
Total State Funds	325.1	314.7	2,851.3	2,733.6	117.8	4%	\$ 3,765.0	76%
Federal Funds/Participation	120.1	91.2	1,135.3	954.9	180.4	19%	1,277.7	89%
GARVEE Bond Proceeds	-	-	-	31.2	(31.2)		N/A	N/A
Total	\$ 445.2	\$ 405.9	\$ 3,986.6	\$ 3,719.6	\$ 267.0	7%	\$ 5,042.7	79%
	March 2019	March 2018	Year Over Year				SFY Budget	
			2018-2019 YTD Actual	2017-2018 YTD Actual	\$ Δ	% Δ	Annual Budget	%
<b>Highway Fund &amp; Trust Fund Details</b>								
Motor Fuel Taxes	\$ 163.6	\$ 150.6	\$ 1,545.2	\$ 1,465.2	\$ 79.9	5%	\$ 2,035.9	76%
Highway Use Tax	72.1	69.7	614.6	583.0	31.6	5%	803.0	77%
DMV/Other Revenue	88.6	92.4	677.0	664.4	12.6	2%	913.1	74%
Investment Income	0.8	2.0	14.6	20.9	(6.4)		13.0	112%
Total Revenue	\$ 325.1	\$ 314.7	\$ 2,851.3	\$ 2,733.6	\$ 117.8	4%	\$ 3,765.0	76%

\*Excludes NCTA Revenues

## Expenditure Summary March 2019

(\$ in millions)

			Year Over Year				SFY Annual Budget	
	March-19	March-18	2018-2019 Actual	2017-2018 Actual	\$ Δ	% Δ	2018-2019 Budget	%
<b>State &amp; Federal Funded Programs:</b>								
Construction	\$ 233.9	\$ 236.8	\$ 2,503.1	\$ 2,100.3	\$ 402.8	19%	\$ 2,544.4	98%
Maintenance	137.4	118.0	1,542.3	1,132.1	410.2	36%	1,367.5	113%
Other Modes	18.2	10.7	368.1	214.0	154.1	72%	364.4	101%
Administration/Other Programs	24.5	22.0	149.7	146.7	3.1	NA	364.5	41%
Debt Service (Including NCTA GAP funds)	40.9	28.4	175.1	164.6	10.5	0%	194.6	90%
Municipal Aid	-	-	147.3	147.7	(0.3)	0%	147.5	100%
Transfers to Other Agencies	(2.2)	0.3	74.7	42.7	32.1	0%	59.8	125%
<b>Total Expenditures*</b>	<b>\$ 452.6</b>	<b>\$ 416.2</b>	<b>\$ 4,960.4</b>	<b>\$ 3,948.0</b>	<b>\$ 1,012.4</b>	<b>26%</b>	<b>5,042.7</b>	<b>98%</b>

*\*Excludes NCTA Expenditures*

## Financial Update

### SFYTD 2019 as compared SFYTD 2018

(\$ in millions)

	March '19	March '18	YTD 2019	YTD 2018	\$ Change
<u>Highway Fund &amp; Highway Trust Fund</u>					
Collections	\$ 445	\$ 406	\$ 3,987	\$ 3,720	\$ 267
Expenditures	453	416	4,960	3,948	1,012
Net Change	\$ (8)	\$ (10)	\$ (973)	\$ (228)	\$ (745)
Cash Balances:			March '19	March '18	
Highway Trust Fund			\$ 319	\$ 1,712	
Highway Fund*			108	91	
Totals			\$ 427	\$ 1,803	

\*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  
May 1, 2019



## PRODUCT HIGHLIGHT – Preformed Thermoplastic Markings

Thermoplastic pavement marking is a type of pavement marking material used on roads that is typically composed of plastic, pigments, packing materials and glass beads to provide thick, durable, and reflective roadway markings. When placed on the roadway surface, the markings are not flush with the surface, which makes them susceptible to snow plows. Therefore, this type of material is most often used in warmer climates. Thermoplastic paint is originally produced as a powder. For road applications, it is heated to approximately 400 °F causing it to liquify and allowing the material to be applied to the pavement surface. This is often accomplished using a hand-pushed cart (shown in the image to the right). This cart can also be used to apply characters such as arrows and words.



*Thermoplastic markings being applied by cart – image from Google*



*Preformed thermoplastic arrow bonded to pavement using a torch – image from Google*

Recently, a secondary option for placing thermoplastic has become available. Thermoplastic lines and characters are being pre-made – known as preformed thermoplastic markings. These preformed markings can be placed by hand and then bonded to the pavement using a handheld torch. These premade materials are convenient for maintenance operations by avoiding the added equipment. These preformed markings are ready for traffic after approximately 15 minutes. There are currently three preformed thermoplastic marking products approved on the Approved Products List and have been used recently on US 64 in Knightdale.

## PRODUCT INNOVATION – Durisol Precast Noise Barrier

Noise barriers are placed adjacent to highways to reduce traffic noise for nearby communities in locations that warrant one after a noise study. In North Carolina, noise barriers are typically made of concrete and reflect noise away from the protected area. In certain situations, it is more beneficial to have barriers that absorb the sound rather than reflect. These situations include locations where barriers run parallel on both sides of the highway, or if there is a reflective retaining wall on the opposing side. Absorptive barriers are successful by being porous at the surface and made up of a sound-dampening material.



*Durisol's Noise Barrier cast in a brick pattern*



*Image of Durisol's Precast Noise Barrier from their website*

Durisol's Precast Noise Barrier, manufactured in Canada and Virginia, is an absorptive noise barrier that uses shredded wood chips mixed with Portland cement to create the desired porous sound-dampening properties. This lightweight barrier is created in three layers, with the outside layers composed of Portland cement and wood chip blend. The inside layer has concrete and steel reinforcement bars providing necessary structural strength. Durisol's Precast Noise Barrier can be cast with various designs and be stained to match the Department's desired aesthetic look. It is currently Accepted for Field Trial Use on the Approved Products List with the product number NP18-8093 and is expected to be placed and evaluated on project I-5111 along I-40 in Wake and Johnston Counties. For more information, please visit: <https://www.durisol.com/>



## RESOLUTION FOR LYNDO TIPPETT HIGHWAY

**WHEREAS**, as a businessman and leader in the community, Lyndo Tippet has been a champion for Cumberland County for many years; and

**WHEREAS**, Mr. Tippet served as president of the Fayetteville-Cumberland Chamber of Commerce and Chairman of the Public Works Commission (PWC). He was active in getting funding for the Cape Fear Botanical Garden, has been a strong supporter of Methodist University, and was also instrumental in getting the U.S. Army Airborne & Special Operations Museum located downtown instead of at Fort Bragg; and

**WHEREAS**, Governor Mike Easley appointed Mr. Tippet to be the Secretary of the North Carolina Department of Transportation, where he served with distinction for eight years; and

**WHEREAS**, prior to his appointment as Secretary of Transportation, Mr. Tippet also served on the North Carolina Board of Transportation representing Division 6, which includes Cumberland County; and

**WHEREAS**, in gratitude for his service to Cumberland County, particularly for his leadership in enhancing the public transportation system in the state, the Cumberland County Board of Commissioners requests the North Carolina Board of Transportation to name a section of I-295 within Cumberland County in honor of Lyndo Tippet.

**NOW, THEREFORE, BE IT RESOLVED:**

That the North Carolina Board of Transportation names a section of I-295 from I-95 to US-401 in Cumberland County as the *Lyndo Tippet Highway*.

That appropriate signs will be erected at a suitable time.

Adopted this the 2<sup>nd</sup> day of May 2019 by the North Carolina Board of Transportation.

  
Chairman

  
Secretary of Transportation

## RESOLUTION FOR MAC CAMPBELL JR HIGHWAY

**WHEREAS**, Dallas McQueen “Mac” Campbell, Jr. is involved, committed and a good steward to the Elizabethtown community; and

**WHEREAS**, Mr. Campbell values the importance of giving back to his community with his willingness to lend a helping hand whenever it is needed; and

**WHEREAS**, for numerous years, Mr. Campbell served on the North Carolina Board of Transportation representing Bladen County, for which many transportation projects were funded; and

**WHEREAS**, Mr. Campbell serves as the President of the “Bladen We Care” Foundation Board and organizes annual fundraisers for this organization to provide to those in need in Bladen County; and

**WHEREAS**, another significant contribution to the community is Mr. Campbell’s role in getting the North Carolina Department of Transportation Call Center located in the Elizabethtown Industrial Park which created well-established jobs; and

**WHEREAS**, with his true leadership, Mr. Campbell serves on many boards including the local advisory boards for the Airport/Economic Development Commissioner, Bladen’s Bloomin’ and Bladen County Committee of 100; and

**WHEREAS**, the family of Mr. Campbell supports the request of the Town Council to have the N.C. Board of Transportation name the N.C. Highway 87 Bypass in his honor; and

**WHEREAS**, the Town of Elizabethtown Council requests the N.C. Board of Transportation name the N.C. Highway 87 Bypass in Mr. Campbell’s honor as well.

**NOW, THEREFORE, BE IT RESOLVED:**

That the North Carolina Board of Transportation names the NC-87 Bypass from NC-41 to NC-87 in Bladen County as the *Mac Campbell Jr Highway*.

That appropriate signs will be erected at a suitable time.

Adopted this the 2<sup>nd</sup> day of May 2019 by the North Carolina Board of Transportation.

  
Chairman

  
Secretary of Transportation