



# AGENDA

## North Carolina Board of Transportation Virtual Meeting November 4-5, 2020

**Wednesday, November 4, 2020**

**9:30AM – 10:00AM**

Audit Committee	<b>Important Note:</b> Members of the Board will participate via Microsoft Teams  Members of the Public may access the meeting via the live stream <a href="https://livestream.com/nc-dot">https://livestream.com/nc-dot</a>
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**9:30AM – 10:30AM**

Workforce Committee	<b>Important Note:</b> Members of the Board will participate via Microsoft Teams  Members of the Public may access the meeting via the live stream <a href="https://livestream.com/nc-dot">https://livestream.com/nc-dot</a>
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**10:45AM – 11:45AM**

Highways Committee	<b>Important Note:</b> Members of the Board will participate via Microsoft Teams  Members of the Public may access the meeting via the live stream <a href="https://livestream.com/nc-dot">https://livestream.com/nc-dot</a>
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**10:45AM – 11:45AM**

Multi-Modal Committee	<b>Important Note:</b> Members of the Board will participate via Microsoft Teams  Members of the Public may access the meeting via the live stream <a href="https://livestream.com/nc-dot">https://livestream.com/nc-dot</a>
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1:00PM

**WORK SESSION – FULL BOARD ATTENDANCE**

<ul style="list-style-type: none"><li>• NCDOT Financial Overview - Revenue and August Redistribution Update Burt Tasaico, P.E., Director of Strategic Initiatives &amp; Program Support</li><li>• Spend Plan Policy Overview Stephanie King, Chief Financial Officer</li></ul>	<p><b>Important Note:</b> Members of the Board will participate via Microsoft Teams</p> <p>Members of the Public may access the meeting via the live stream <a href="https://livestream.com/nc-dot">https://livestream.com/nc-dot</a></p>
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**2:45PM – 4:15PM**

Finance Committee (formerly called the Funding Appropriation and Strategies – FAST Committee)	<p><b>Important Note:</b> Members of the Board will participate via Microsoft Teams</p> <p>Members of the Public may access the meeting via the live stream <a href="https://livestream.com/nc-dot">https://livestream.com/nc-dot</a></p>
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**2:45PM – 3:45PM**

Economic Development and Intergovernmental Relations (EDIR) Committee	<p><b>Important Note:</b> Members of the Board will participate via Microsoft Teams</p> <p>Members of the Public may access the meeting via the live stream <a href="https://livestream.com/nc-dot">https://livestream.com/nc-dot</a></p>
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**4:15PM – 5:00PM**

Road, Bridge and Ferry Naming Committee	<p><b>Important Note:</b> Members of the Board will participate via Microsoft Teams</p> <p>Members of the Public may access the meeting via the live stream <a href="https://livestream.com/nc-dot">https://livestream.com/nc-dot</a></p>
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## NORTH CAROLINA BOARD OF TRANSPORTATION MEETING

Members of the Public may access the meeting by clicking on the link <https://livestream.com/nc-dot>

Thursday, November 5, 2020

9:00AM

Location: Conference Call

- Call to Order
- Ethics Statement
- Approval of October 7-8, 2020 Meeting Minutes
- Secretary's Remarks

Chairman Fox

Secretary Boyette

### Information and Delegated Authority

Chairman Fox

### **Product Evaluation Program Awareness**

- (Item C) Award of Highway Construction Contracts from October 2020 Letting
- (Item D) Award of Contracts to Private Firms for Engineering Services
- (Item H) Approval of Funds for Division-wide Small Construction, Statewide Contingency, Public Access, and Economic Development
- (Item L) Approval of Funds for Specific Spot Safety Improvement Projects

### Action

Chairman Fox

Spend Plan Policy

### Project Items

- (Item G) Additions, Abandonments, and Road Name Changes to State Secondary Road System
- (Item I) Public Transportation Program  
(Item I-4) Aviation
- (Item K) North Carolina Highway Trust Funds
- (Item M) Funds for Specific Federal-Aid Projects
- (Item N) Revisions to the 2020-2029 STIP
- (Item O) Municipal and Special Agreements
- (Item P) Municipal Street System Changes
- (Item R) Right of Way Resolutions and Ordinances

Committee Reports

Chairman Fox

Other Business

Chairman Fox

Adjourn

Chairman Fox

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

**November 5, 2020**

Delegated Authority ..... Secretary Boyette

- (Item C) Award of Highway Construction Contracts from October 2020 Letting
- (Item D) Award of Contracts to Private Firms for Engineering Services
- (Item E) Funds for Secondary Road Improvement Projects – Highway Fund and  
Highway Trust Fund **(No Item)**
- (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)**
  - (Item I-2) Rail Program **(No Item)**
  - (Item I-3) Bicycle and Pedestrian **(No Item)**
  - (Item I-4) Aviation
- (Item K) North Carolina Highway Trust Funds
- (Item M) Funds for Specific Federal-Aid Projects
- (Item N) Revisions to the 2020-2029 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)**
- (Item T) Submission of Comprehensive Transportation Plans for Mutual  
Adoption by the Board of Transportation **(No Item)**
- (Item V) **(No Item)**



# **NCDOT Board of Transportation Agenda**

## **ITEM C**

**October 20, 2020**

**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.  
OCTOBER 20, 2020  
DIVISION 00003

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ITEM C

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C204409  
2021CPT.03.02.10101, 2021CPT.03.02.20101, 2021CPT.03.02.20102  
STATE FUNDED  
BRUNSWICK

PROPOSAL LENGTH 33.600 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

LOCATION 1 SECTION OF US-17, US-74/76, AND NC-130; AND 11 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2021..25% OF BID  
FY-2022..66% OF BID  
FY-2023..09% OF BID

RPN 001 3 BIDDER(S) DBE GOAL 8.00 %  
ESTIMATE 7,944,286.69

DATE AVAILABLE MAR 15 2021

FINAL COMPLETION OCT 01 2022

	\$ TOTALS	% DIFF
S T WOOTEN CORPORATION WILSON, NC	5,611,516.59	-29.4
BARNHILL CONTRACTING CO ROCKY MOUNT, NC	6,071,587.85	-23.6
HIGHLAND PAVING CO LLC FAYETTEVILLE, NC	6,095,837.90	-23.3

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**AWARDED**

HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
OCTOBER 20, 2020  
DIVISION 00005

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C204520

2021CPT.05.01.10321.1, 2021CPT.05.01.20321.1, 2021CPT.05.01.20322.1

STATE FUNDED

DURHAM

PROPOSAL LENGTH 17.680 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER GRADING.

LOCATION 1 SECTION OF US-501, 1 SECTION OF US-501 BUSINESS, AND 32 SECTIONS OF  
SECONDARY ROADS.

EST CONST PROGRESS.... FY-2021..29% OF BID  
FY-2022..71% OF BID

RPN 002 4 BIDDER(S) DBE GOAL 7.00 %  
ESTIMATE 5,296,749.87

DATE AVAILABLE MAR 15 2021

INTER COMPLETION AUG 19 2021 COMPLETE ALL WORK REQUIRED ON MAPS #3 & #4.

FINAL COMPLETION JUL 01 2022

	\$ TOTALS	% DIFF
CAROLINA SUNROCK LLC RALEIGH, NC	3,513,381.26	-33.7
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	4,049,462.80	-23.5
BLYTHE CONSTRUCTION INC CHARLOTTE, NC	4,697,150.90	-11.3
BARNHILL CONTRACTING CO ROCKY MOUNT, NC	4,779,382.16	-9.8

**AWARDED**

HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
OCTOBER 20, 2020  
DIVISION 00005

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C204510  
2021CPT.05.02.20921.1  
STATE FUNDED  
WAKE

PROPOSAL LENGTH 11.639 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER GRADING.

LOCATION 14 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2021..29% OF BID  
FY-2022..71% OF BID

RPN 003 5 BIDDER(S) DBE GOAL 7.00 %  
ESTIMATE 4,779,967.42

DATE AVAILABLE MAR 15 2021  
INTER COMPLETION AUG 23 2021 COMPLETE ALL WORK REQUIRED ON MAP #11  
FINAL COMPLETION JUL 01 2022

	\$ TOTALS	% DIFF
CAROLINA SUNROCK LLC RALEIGH, NC	3,042,295.16	-36.4
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	3,372,265.22	-29.5
S T WOOTEN CORPORATION WILSON, NC	3,488,062.02	-27.0
BLYTHE CONSTRUCTION INC CHARLOTTE, NC	3,796,112.15	-20.6
BARNHILL CONTRACTING CO ROCKY MOUNT, NC	4,237,942.95	-11.3

**AWARDED**

HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
OCTOBER 20, 2020  
DIVISION 00005

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C204525  
2021CPT.05.03.20921.1  
STATE FUNDED  
WAKE

PROPOSAL LENGTH 30.378 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER GRADING.

LOCATION 78 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2021..29% OF BID  
FY-2022..71% OF BID

RPN 004 4 BIDDER(S) DBE GOAL 7.00 %  
ESTIMATE 5,587,327.05

DATE AVAILABLE MAR 15 2021

INTER COMPLETION NOV 30 2021 COMPLETE ALL WORK REQUIRED FOR MAPS #47 THRU #49, #54 & #55

FINAL COMPLETION JUL 01 2022

	\$ TOTALS	% DIFF
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	4,109,805.98	-26.4
S T WOOTEN CORPORATION WILSON, NC	4,219,971.17	-24.5
BLYTHE CONSTRUCTION INC CHARLOTTE, NC	4,398,768.95	-21.3
BARNHILL CONTRACTING CO ROCKY MOUNT, NC	4,865,562.90	-12.9

**AWARDED**

HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
OCTOBER 20, 2020  
DIVISION 00005

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C204559  
2021CPT.05.05.20351.1  
STATE FUNDED  
FRANKLIN

PROPOSAL LENGTH 29.680 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER GRADING.

LOCATION 30 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2021..29% OF BID  
FY-2022..71% OF BID

RPN 005 4 BIDDER(S) DBE GOAL 8.00 %  
ESTIMATE 4,109,314.84

DATE AVAILABLE MAR 15 2021

FINAL COMPLETION JUL 01 2022

	\$ TOTALS	% DIFF
CAROLINA SUNROCK LLC RALEIGH, NC	2,844,573.64	-30.8
S T WOOTEN CORPORATION WILSON, NC	2,950,707.85	-28.2
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	2,989,041.52	-27.3
ROSE BROTHERS PAVING CO INC AHOSKIE, NC	3,744,175.17	-8.9

**AWARDED**

HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
OCTOBER 20, 2020  
DIVISION 00005

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C204560

2021CPT.05.06.10911.1, 2021CPT.05.06.20911.1, 2021CPT.05.06.20931.1

STATE FUNDED

VANCE, WARREN

PROPOSAL LENGTH 29.366 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER GRADING.

LOCATION 1 SECTION OF NC-39 AND 41 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2021..29% OF BID  
FY-2022..71% OF BID

RPN 006 3 BIDDER(S) DBE GOAL 8.00 %  
ESTIMATE 5,307,112.47

DATE AVAILABLE MAR 15 2021

FINAL COMPLETION JUL 01 2022

	\$ TOTALS	% DIFF
CAROLINA SUNROCK LLC RALEIGH, NC	3,769,258.02	-29.0
S T WOOTEN CORPORATION WILSON, NC	4,178,858.61	-21.3
ROSE BROTHERS PAVING CO INC AHOSKIE, NC	5,656,170.84	+6.6

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**AWARDED**

HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
OCTOBER 20, 2020  
DIVISION 00007

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C204465  
2020CPT.07.11.10411  
STATE FUNDED  
GUILFORD

PROPOSAL LENGTH 3.957 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER GRADING.

LOCATION 1 SECTION OF US-29 AND 21 SECTIONS OF RAMPS AND LOOPS FOR US-29.

EST CONST PROGRESS.... FY-2021..26% OF BID  
FY-2022..74% OF BID

RPN 007 3 BIDDER(S) DBE GOAL 8.00 %  
ESTIMATE 5,598,234.00

DATE AVAILABLE APR 01 2021

INTER COMPLETION OCT 31 2021 COMPLETE ALL WORK REQUIRED OF PLACING S9.5C & S9.5D

FINAL COMPLETION JUL 01 2022

	\$ TOTALS	% DIFF
BLYTHE CONSTRUCTION INC CHARLOTTE, NC	3,884,488.85	-30.6
APAC - ATLANTIC INC THOMPSON ARTHUR DIVISION GREENSBORO, NC	3,942,480.98	-29.6
SHARPE BROTHERS A DIVISION OF VECELLIO & GROGAN INC GREENSBOR	4,020,813.18	-28.2

ESTIMATE TOTAL 38,622,992.34

LETTING TOTAL 26,775,319.50 -30.7

**AWARDED**



**NCDOT NOVEMBER 2020  
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 Operating Officer**

**Information Technology**

**Geographic Information Systems (GIS) Unit**

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

<b>STATEWIDE</b>	
Description of work:	2015 GIS Support for Transportation Legislative Initiatives
Firm:	Arcadis G&M of North Carolina, Inc., Chicago, IL
Original Engineering Fee:	\$250,000.00
Previous Supplemental Fee:	\$1,150,000.00
Supplemental Fee:	One-Year Time Extension ONLY.
SPSF Utilization:	0%

**Chief Engineer**

**Deputy Chief Engineer**

**Field Support**

**Design-Build**

The Secretary awarded a design-build contract in September 2019 for the U-5713/R-5777A&B James City US 70 project (U.S. 70 from the eastern approach of the Neuse River Bridge to Thurman Road). 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 to the following firms. These are for information only.

**Division 2**

Project:	50111.3.1 (U-5713/R-5777A&B)
Firm:	Branch Civil Inc, Roanoke, VA
Stipend Amount:	\$75,000
SPSF Utilization:	0%

Project:	50111.3.1 (U-5713/R-5777A&B)
Firm:	S T Wooten Corporation, Wilson, NC
Stipend Amount:	\$75,000
SPSF Utilization:	0%

## Highway Operations

### Operations Program Management Unit

After careful evaluation of the workload and schedules of the work that can be accomplished by our staff, it was determined necessary to employ private firms for 2021 Secondary Roads Pavement Condition Surveys on an as needed basis for various federal-aid and state funded projects to support the Operations Program Management Unit. These contracts will expire one (1) year with four (4) one-year extensions 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.

<b>STATEWIDE</b>	
Description of Work:	2021 Secondary Roads Pavement Condition Surveys LSC
Firm:	S&ME Inc, Atlanta, GA
Maximum Engineering Fee:	\$15,000,000.00
SPSF Utilization:	0%

### Structures Management Unit

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

<b>STATEWIDE</b>	
Description of work:	2017 Structures Management Support LSC
Firm:	Alpha & Omega Group PC, Raleigh, NC
Original Engineering Fee:	\$3,000,000.00
Previous Supplemental Fee:	\$1,000,000.00
Supplemental Fee:	\$200,000.00
SPSF Utilization:	100%

## Technical Services

### Photogrammetry Unit

After careful evaluation of the workload and schedules of the work that can be accomplished by our staff, it was determined necessary to employ private firms for Aerial Surveying Services on an as needed basis for various federal-aid and state funded projects to support the Photogrammetry Unit. These contracts will expire three (3) years; with a 1-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.

<b>STATEWIDE</b>	
Description of Work:	2021 Aerial Surveying Services LSC
Firm:	ESP Associates Inc, Charlotte, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	0%
Description of Work:	2021 Aerial Surveying Services LSC
Firm:	GPI Geospatial Inc, Charlotte, NC
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	0%
Description of Work:	2021 Aerial Surveying Services LSC
Firm:	GRW Engineers Inc, Lexington, KY
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	0%
Description of Work:	2021 Aerial Surveying Services LSC
Firm:	So Deep SAM NC Inc, Austin, TX
Maximum Engineering Fee:	\$700,000.00
SPSF Utilization:	0%
Description of Work:	2021 Aerial Surveying Services LSC
Firm:	Spatial Data Consultants Inc., High Point, NC
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	100%
Description of Work:	2021 Aerial Surveying Services LSC
Firm:	Surdex Corporation, Chesterfield, MO
Maximum Engineering Fee:	\$400,000.00
SPSF Utilization:	0%

Description of Work:	2021 Aerial Surveying Services LSC
Firm:	The Sanborn Map Company Inc, Colorado Springs, CO
Maximum Engineering Fee:	\$400,000.00
SPSF Utilization:	0%
Description of Work:	2021 Aerial Surveying Services LSC
Firm:	Triangle Aerial Surveys, LLP, Raleigh, NC
Maximum Engineering Fee:	\$300,000.00
DBE/WBE Utilization:	100%
Description of Work:	2021 Aerial Surveying Services LSC
Firm:	WSE of North Carolina PC, Reading, MA
Maximum Engineering Fee:	\$700,000.00
SPSF Utilization:	0%
Description of Work:	2021 Aerial Surveying Services LSC
Firm:	WSP USA Inc, Dallas, TX
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	0%

**END of ITEM D.**

**NCDOT NOVEMBER 2020 BOARD OF TRANSPORTATION AGENDA  
Secondary Road Improvement Projects (Highway and Trust Funds)**

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

There will be no Secondary Road Improvement projects submitted to the Board for approval at the November 2020 Board meeting.

# NCDOT November 5, 2020 Board of Transportation Agenda

## Additions to the State Highway System:

County	Petition Number	Length Added (Miles)	Description and/or Subdivision	Date of Report
<b>Division 2</b> Beaufort	52166	0.10	<b>Magnolia Shores</b> Justin Drive	10/08/20
<b>Division 3</b> Sampson	52167	0.16	<b>Stagecoach Estates</b> Tyson Carriage Lane	09/24/20
<b>Division 4</b> Halifax	52168	0.30 0.08	<b>Westminster</b> Bishop Road Canterbury Court	04/02/20
Johnston	52169	0.23	<b>Mayfield</b> Darcy Drive	09/14/20
<b>Division 5</b> Franklin	52170	0.15 0.14 0.18	<b>Addyson at Holden Road</b> Addyson Lane Lockamy Lane Anna Marie Way	09/30/20
Franklin	52171	0.14 0.02	<b>Holden Farm</b> Bondhu Place Matice Court	09/29/20
Wake	52172	0.05	<b>Chelsea</b> Daviton Court	10/08/20
Wake	52173	0.50	<b>White Oak Crossing</b> Extend SR 2812, Timber Drive East	08/23/19
<b>Division 7</b> Guilford	52174	0.11	Basington Road	10/16/19
Guilford	52175	0.11	<b>Tamannary Forest</b> Quicksilver Court	08/27/20
Orange	52176	0.19 0.07	<b>The Bluffs at Moorefields</b> Peninsula Lane Grassland Court	05/19/20
<b>Division 8</b> Randolph	52177	0.09	<b>Eastview</b> Bray Boulevard	10/09/20

# NCDOT November 5, 2020 Board of Transportation Agenda

## Additions to the State Highway System:

County	Petition Number	Length Added (Miles)	Description and/or Subdivision	Date of Report
<b>Division 9</b>				
Davidson	52178	0.29	<b>Swicegood Estates</b> Sowers Place	10/07/20
Davie	52179	0.19	Extend SR 1364, Angell Knoll Avenue	10/08/20
Rowan	52180	0.06	<b>Anchor Downs</b> Staysail Road	09/02/20
Stokes	52181	0.19	<b>Belmont Place</b> Sheraton Court	10/05/20
<b>Division 10</b>				
Stanly	52182	0.06 0.05	<b>Stanfield Ridge</b> Crape Myrtle Drive Maple Leaf Court	02/12/20
Union	52183	0.30 0.23 0.24 0.11	<b>Oaks at Camden</b> McCollum Oaks Lane Piney Drive Flat Rock Drive Duntov Drive	06/17/20

# **NCDOT November 5, 2020 Board of Transportation Agenda**

## **Abandonments from the State Highway System:**

<b>County</b>	<b>Petition Number</b>	<b>Length Abandoned (Miles)</b>	<b>Description and/or Subdivision</b>	<b>Date of Report</b>
<b>Division 4</b> Halifax	52184	0.22	SR 1305, Crawley Farm Road Retain 0.11 miles	08/20/20
<b>Division 9</b> Forsyth	52185	0.09	SR 2640, Whicker Road Retain 2.18 miles	04/13/20

**Summary:**                **Number of roads petitioned for addition – 27**  
                                  **Number of roads petitioned for abandonment - 2**

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

<b>County</b>	<b>Requested Action</b>
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None



**NCDOT NOVEMBER 2020 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 3 New Hanover	Landscape Enhancement project along SR 1302 (23 <sup>rd</sup> St) across from ILM Airport and at the intersection of SR 1302 and SR 1310 (Division Dr) across from the ILM Airport  WBS 49404	<u>Contingency</u> TOTAL	<u>\$150,000.00</u> \$150,000.00
Div 8 Randolph	Grade and pave 0.09 miles of the existing non-system segment of Bray Blvd in order to add to the state-maintained system  WBS 49354	<u>Contingency</u> TOTAL	<u>\$33,000.00</u> \$33,000.00
Div 14 Henderson	East Flat Rock – WBS 47417 was established (06/17) to construct approximately 150 LF of industrial access, road improvements on SR 1819 (Mills St) to include widen travel lanes, curb and gutter, and resurface Increase funds	<u>High Impact / Low Cost</u> TOTAL	<u>\$418,836.10</u> \$418,836.10
Div 14 Jackson	WBS 47855 was established (02/18) to re-align intersection of Skyland Dr and Chipper Curve Rd Reduce funds	<u>High Impact / Low Cost</u> TOTAL	<u>(\$243,836.10)</u> (\$243,836.10)

**Deletions:**

Div 7, Orange & Durham Counties – WBS 47490 was established (08/17) to overlay and restripe a section of westbound I-40 at the US-15-501 interchange to provide for two through lanes in this area to match the typical section in Orange County; funded by an alternate source

**NCDOT NOVEMBER 2020 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>4</b>
	<b>Number of Projects</b>	<b>3</b>
<b>Small Construction Commitment</b>		<b>\$0.00</b>
<b>Public Access Commitment</b>		<b>\$0.00</b>
<b>Contingency Commitment</b>		<b>\$183,000.00</b>
<b>Economic Development Commitment</b>		<b>\$0.00</b>
<b>High Impact/Low Cost Commitment</b>		<b>\$175,000.00</b>
<b>TOTAL:</b>		<b><u>\$358,000.00</u></b>

**NCDOT November 2020 Board of Transportation Agenda**

**Public Transportation Division**

Division/Project Item	Project Description	Estimated Cost
	There will be no items presented for approval at the November 5, 2020, Board of Transportation meeting.	

**ITEM I - 1 SUMMARY – NO PROJECTS**

**NCDOT November 2020 Board of Transportation Agenda**

**Rail Program**

**Town/County  
Division**

**Project Description**

**Estimated  
Cost**

There will be no items presented for approval at the November 5, 2020, Board of Transportation meeting.

**ITEM I - 2 SUMMARY – NO PROJECTS**

**NCDOT November 2020 Board of Transportation Agenda**

**Division of Bicycle and Pedestrian Transportation**

Town/County Division	Project Description	Estimated Cost
	There will be no items presented for approval at the November 5, 2020, Board of Transportation meeting.	

**ITEM I - 3 SUMMARY – NO PROJECTS**

## NCDOT November 2020 Board of Transportation Agenda

### Aviation Program

**Division  
Airport  
County**

**Project Description**

**Aircraft Apron Pavement Rehabilitation Phase II (amendment)  
(36244.46.6.1)**

Division 1  
Dare County  
Regional Airport  
Dare County

This request is for additional state funds for construction costs. This project completes design and pavement rehabilitation to the existing aircraft apron serving cargo and corporate planes. Pavement condition ratings for this area are listed as failing. Design was completed to bid as asphalt or concrete for value engineering options. This request is for additional construction funds identified through final design and incorporates additional apron space. The level of pavement deterioration has led to the need for full depth reclamation. **[PR# 2350]**

**North Aircraft Apron Pavement Rehabilitation (amendment)  
(36244.10.7.1)**

Division 1  
Currituck County  
Regional Airport  
Currituck County

This request is for additional state funds for construction costs. The project completes design and construction rehabilitation to the north aircraft apron pavement. Additional apron pavement was identified for repair during design leading to the need for more construction funds. **[PR# 3714]**

**Twin Arch Culvert rehabilitation (amendment) (36244.16.14.3)**

Division 7  
Burlington-  
Alamance Regional  
Airport  
Alamance County

This request is for additional state funds for construction. This project will complete design and rehabilitation of the existing drainage culvert system under the runway. **[PR# 2611]**

**Partial Parallel Taxiway & Apron Modifications (CON/CA/RPR) (WBS  
TBD)**

Division 14  
Ashe County  
Airport  
Ashe County

This project will construct a partial parallel taxiway from Runway 10 to midfield for enhanced safety. Aircraft parking apron modifications are necessary to remove direct access and relocate parking due to taxiway impacts. **[PR 3982]**

### **ITEM I - 4 SUMMARY – 4 PROJECTS – (TOTAL STATE/FEDERAL COST) \$6,710,000**

\*Costs are estimated. Only eligible costs within the project scope of work will be reimbursed.

**NCDOT November 2020 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>
Northampton Co. Div. 1 R-2582 REGIONAL/ DIVISION	WBS 34472.1.3 US 158 from I-95 / NC 46 in Roanoke Rapids to SR 1333 (Lynch Road) east of Jackson. \$2,862,122.00 has previously been approved for preliminary engineering. \$2,863,063.31 of Regional Strategic Transportation Investment funds will be replaced with <b>BUILD NC BOND</b> funds using Division Tier funding. <b>This project has previously been identified as a Trust Fund Intrastate System project.</b>	\$0.00
Northampton Co. Div. 1 R-2582A DIVISION	WBS 34472.3.2 US 158 from I-95 / NC 46 in Roanoke Rapids to SR 1312 (St. John Church Road) in Northampton County. \$62,400,000.00 has previously been approved for preliminary engineering. \$50,482,681.16 of Regional Strategic Transportation Investments funds will be replaced with <b>BUILD NC BOND</b> funds. \$1,367,584.22 of additional <b>BUILD NC BOND</b> funds is requested.	\$1,367,584.22
Perquimans Co. Div. 1 B-5606 DIVISION	WBS 45561.3.1 Replace bridge 11 over Raccoon Creek on SR 1338. \$1,600,000.00 has previously been approved for construction. \$960,000.00 of Federal funds and \$240,000.00 of State Match funds will be replaced with Division <b>BUILD NC BOND</b> funds.	\$0.00
Perquimans Co. Div. 1 R-4467 REGIONAL	WBS 35748.1.R1 US 17 BUS/NC 37 from south of Perquimans River Bridge to north of NC 37 in Hertford. \$2,443,097.00 has previously been approved for preliminary engineering. \$1,875,526.43 of Regional Strategic Transportation Investments funds will be replaced with <b>BUILD NC BOND</b> funds.	\$0.00
Perquimans Co. Div. 1 R-4467 REGIONAL	WBS 35748.3.2 US 17 BUS/NC 37 from south of Perquimans River Bridge to north of NC 37 in Hertford. \$48,300,000.00 has previously been approved for construction. \$32,406,458.00 of Regional Strategic Transportation Investments funds will be replaced with <b>BUILD NC BOND</b> funds.	\$0.00

**NCDOT November 2020 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>
Beaufort Co. Div. 2 B-5302 REGIONAL	WBS 46016.3.2 Replace bridge 3 over the Norfolk Southern Railroad on US 17 Business, and preservation of bridge 25 on US 17 Business over Pamlico River. \$5,900,000.00 has previously been approved for construction. Funds need to be decreased (\$5,898,242.37). WBS will be closed.	-\$5,898,242.37
Carteret Co. Div. 2 R-5727 DIVISION	WBS 50219.1.1 SR 1176 (Bridges St. Ext), from SR 1738 (Bridges Street) to SR 1147 (McCabe Road). \$2,272,310.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$222,200.00
Carteret Co. Div. 2 U-6058 REGIONAL	WBS 47482.1.1 US 70 (Live Oak Street) at NC 101. \$300,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$390,700.00
Craven Co. Div. 2 R-3403B REGIONAL	WBS 34538.1.2 US 17 from SR 1433 (Antioch Road) to north of NC 43. \$2,185,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$337,500.00
Craven Co. Div. 2 R-5777A STATEWIDE	WBS 44648.1.2 US 70 at Taverna Way. \$1,275,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$134,200.00



**NCDOT November 2020 Board of Transportation Agenda  
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<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Greene Co. Div. 2 R-5812 DIVISION	WBS 46981.3.1 US 13 Bypass from NC 58 (Kingold Boulevard) to NC 91. \$5,319,810.00 has previously been approved for construction. \$1,836,504.75 of Division Strategic Transportation Investments funds will be replaced with <b>BUILD NC BOND</b> funds. \$1,314,392.35 of additional <b>BUILD NC BOND</b> funds is requested.	\$1,314,392.35
Greene Co. Div. 2 R-5812 DIVISION	WBS 46981.1.1 US 13 Bypass from NC 58 (Kingold Boulevard) to NC 91. \$1,555,257.00 has previously been approved for preliminary engineering. \$41,538.36 of Division Strategic Transportation Investments funds will be replaced with <b>BUILD NC BOND</b> funds.	\$0.00
Brunswick Co. Div. 3 U-5862 REGIONAL	WBS 46387.1.1 US 17 (Shallotte Bypass) at SR 1357 (Smith Avenue). \$1,000,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$243,100.00
Wilmington/ New Hanover Co. Div. 3 U-4751 STATEWIDE	WBS 40191.3.2 SR 1409 (Military Cutoff Road Extension) from SR 1409 (Military Cutoff Road) to US 17 in Wilmington. \$91,165,235.00 has previously been approved for construction. \$33,080,288.19 of Statewide Strategic Transportation Investment funds will be replaced with <b>BUILD NC BOND</b> funds.	\$0.00
Wilmington/ New Hanover Co. Div. 3 U-4751 STATEWIDE	WBS 40191.1.2 SR 1409 (Military Cutoff Road Extension) from SR 1409 (Military Cutoff Road) to US 17 in Wilmington. \$10,610,302.25 has previously been approved for preliminary engineering. \$10,610,302.25 of Statewide Strategic Transportation Investment funds will be replaced with <b>BUILD NC BOND</b> funds. \$70,191.77 of additional <b>BUILD NC BOND</b> funds is requested. <b>This project has previously been identified as a Trust Fund Intrastate System project.</b>	\$70,191.77

**NCDOT November 2020 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>
New Hanover Co. Div. 3 U-4902D STATEWIDE	WBS 40238.1.4 US 17 Business (Market Street) from SR 1403 (Middle Sound Loop Road) to SR 2290 (Mendenhall Drive)/SR 2734 (Marsh Oaks Drive). \$3,289,351.73 has previously been approved for preliminary engineering. \$3,289,351.73 of Statewide Strategic Transportation Investment funds will be replaced with <b>BUILD NC BOND</b> funds. \$41,573.78 of additional <b>BUILD NC BOND</b> funds is requested.	\$41,573.78
New Hanover Co. Div. 3 U-4902D STATEWIDE	WBS 40238.3.5 US 17 Business (Market Street) from SR 1403 (Middle Sound Loop Road) to SR 2290 (Mendenhall Drive)/SR 2734 (Marsh Oaks Drive). \$14,375,373.00 has previously been approved for construction. \$13,700,000.00 of Statewide Strategic Transportation Investments funds will be replaced with <b>BUILD NC BOND</b> funds. \$1,236,773.28 of additional <b>BUILD NC BOND</b> funds is requested.	\$1,236,773.28
New Hanover Co. Div. 3 U-5710 STATEWIDE	WBS 50115.2.1 US 74 (Eastwood Road) at SR 1409 (Military Cutoff Road). \$11,445,000.00 has previously been approved for full right of way and utilities. Funds need to be decreased (\$11,443,045.28). Project is delayed.	-\$11,443,045.28
New Hanover Co. Div. 3 U-5729 REGIONAL/ STATEWIDE	WBS 54020.1.1 US 421 (Carolina Beach Road) from US 421 (Burnett Avenue) to US 117 (Shipyard Boulevard) in Wilmington. \$1,991,527.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$367,900.00
Onslow Co. Div. 3 U-5949 REGIONAL	WBS 46896.1.1 NC 210 from US 17 to South of SR 1518 (Old Folkstone Road). \$1,231,540.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$189,000.00

**NCDOT November 2020 Board of Transportation Agenda  
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<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Onslow Co. Div. 3 W-5602 REGIONAL	WBS 50139.3.1 NC 172 Cape Lejeune gate to NC 210. \$14,766,722.00 has previously been approved for construction. \$4,400,000.00 of Federal funds and \$1,100,000.00 of State Match funds will be replaced with Regional <b>BUILD NC BOND</b> funds.	\$0.00
Pender/ New Hanover Cos. Div. 3 R-3300B REGIONAL	WBS 40237.1.2 Proposed US 17 Bypass from NC 210 to US 17 north of Hampstead. \$5,338,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$273,240.00
Sampson Co. Div. 3 R-2303E DIVISION	WBS 34416.3.10 NC 24 from US 421 - 701 / SR 1296 (Sunset Avenue) to SR 1935 (Cecil Odie Road). \$30,900,000.00 has previously been approved for construction. \$19,782,316.77 of Division Strategic Transportation Investments funds will be replaced with <b>BUILD NC BOND</b> funds.	\$0.00
Sampson Co. Div. 3 R-2303E DIVISION	WBS 34416.1.S1 NC 24 from US 421 - 701 / SR 1296 (Sunset Avenue) to SR 1935 (Cecil Odie Road). \$3,906,253.00 has previously been approved for preliminary engineering. \$490,000.00 of Division STI funds will be replaced with <b>BUILD NC BOND</b> funds. \$21,814.00 of additional <b>BUILD NC BOND</b> funds is requested.	\$21,814.00
Edgecombe Co. Div. 4 U-4762 DIVISION	WBS 39930.3.2 SR 1250 (Springfield Road) from US 64 Alternate to SR 1243 (Leggett Road). \$6,305,860.00 has previously been approved for construction. \$2,609,120.96 of Division Strategic Transportation Investments funds will be replaced with <b>BUILD NC BOND</b> funds.	\$0.00

**NCDOT November 2020 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>
Edgecombe Co. Div. 4 U-4762 DIVISION	WBS 39930.1.2 SR 1250 (Springfield Road) from US 64 Alternate to SR 1243 (Leggett Road). \$1,547,725.95 has previously been approved for preliminary engineering. \$1,547,725.95 of Division Strategic Transportation Investments funds will be replaced with <b>BUILD NC BOND</b> funds. WBS will be reopened, the funds replaced and then closed.	\$0.00
Edgecombe/ Nash Cos. Div. 4 U-6149 REGIONAL	WBS 48329.1.1 US 64 from NC 58 (Washington Street - Exit 459) to Thomas Road Overpass. \$20,308.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$137,800.00
Halifax Co. Div. 4 U-5725 REGIONAL/ DIVISION	WBS 50162.1.1 NC 125 from I-95 to Old Farm Road. \$1,645,000.00 has previously been approved for preliminary engineering. \$1,500,000.00 of Regional STI funds will be replaced with Regional <b>BUILD NC BOND</b> funds and \$145,000.00 of Division STI funds will be replaced with Division <b>BUILD NC BOND</b> funds. \$7,086.96 of additional <b>BUILD NC BOND</b> funds is requested.	\$7,086.96
Halifax Co. Div. 4 U-5725 DIVISION	WBS 50162.3.1 NC 125 from I-95 to Old Farm Road. \$27,102,500.00 has previously been approved for construction. \$13,594,753.58 of Division Strategic Transportation Investments funds will be replaced with <b>BUILD NC BOND</b> funds.	\$0.00
Johnston Co. Div. 4 R-3825B DIVISION	WBS 34552.3.5 NC 42 from east of SR 1902 (Glen Laurel Road) to SR 1003 (Buffalo Road). \$53,128,606.00 has previously been approved for construction. \$26,609,658.58 of Division Strategic Transportation Investments funds will be replaced with <b>BUILD NC BOND</b> funds.	\$0.00

**NCDOT November 2020 Board of Transportation Agenda  
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<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Nash Co. Div. 4 B-5947 REGIONAL	WBS 45983.1.1 Replace bridge 91 over Tar River on NC 581. \$108,763.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$172,400.00
Nash Co. Div. 4 BR-0036 REGIONAL	WBS 49074.3.1 Replace bridge 41 on NC 33 over I-95. \$5,700,000.00 has previously been approved for construction. Funds need to be decreased (\$5,700,000.00). Project is delayed. WBS will be closed.	-\$5,700,000.00
Nash Co. Div. 4 BR-0039 DIVISION	WBS 49075.3.1 Replace bridge 224 on SR 1510 over I-95. \$5,425,000.00 has previously been approved for construction. Funds need to be decreased (\$5,425,000.00). Project is delayed. WBS will be closed.	-\$5,425,000.00
Rocky Mount/ Nash Co. Div. 4 U-5026 DIVISION	WBS 44033.3.3 I-95 at SR 1770 (Sunset Avenue). \$63,594,603.00 has previously been approved for construction. \$38,092,414.80 of Division Strategic Transportation Investments funds will be replaced with <b>BUILD NC BOND</b> funds.	\$0.00
Nash Co. Div. 4 U-5996 DIVISION	WBS 47133.1.1 SR 1603 (Old Carriage Road) from Green Hills Road to SR 1770 (Eastern Avenue). \$1,096,194.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$1,500,000.00

**NCDOT November 2020 Board of Transportation Agenda  
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<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Wayne Co. Div. 4 U-2714 REGIONAL	WBS 38979.3.1 US 117 from US 70 Bypass to SR 1306 (Fedelon Trail) in Goldsboro. \$18,727,348.00 has previously been approved for construction. \$11,615,419.07 of Regional Strategic Transportation Investments funds will be replaced with <b>BUILD NC BOND</b> funds.	\$0.00
Wayne Co. Div. 4 U-2714 REGIONAL	WBS 38979.1.2 US 117 from US 70 Bypass to SR 1306 (Fedelon Trail) in Goldsboro. \$3,291,791.00 has previously been approved for preliminary engineering. \$41,018.46 of additional <b>BUILD NC BOND</b> funds is requested.	\$41,018.46
Durham Co. Div. 5 I-5994 STATEWIDE	WBS 47949.1.1 I-40 from US 15/501 to east of NC 147. Bridge rehabilitation - multiple structures. \$10,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$181,500.00
Durham/ Durham Co. Div. 5 U-0071 STATEWIDE	WBS 34745.3.S2 Durham East End Connector from north of NC 98 to NC 147 (Buck Dean Freeway). \$150,562,984.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. <b>This is a Strategic Transportation Investments Transition project.</b>	\$20,076,300.00
Durham/ Orange Cos. Divs. 5/7 U-5774 REGIONAL	WBS 54037.1.1 NC 54 from US 15/501 in Chapel Hill to NC 55 in Durham. \$1,905,125.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$364,900.00

**NCDOT November 2020 Board of Transportation Agenda  
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<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Durham Co. Div. 5 U-5968 REGIONAL	WBS 45982.3.2 City of Durham - upgrade ITS / Signal System. \$22,359,564.00 has previously been approved for construction. \$9,258,986.00 of Federal funds and \$2,314,746.00 of State Match funds will be replaced with Regional <b>BUILD NC BOND</b> funds.	\$0.00
Granville Co. Div. 5 R-5707 REGIONAL	WBS 46379.1.1 NC 56 at US 15 and NC 50 in Creedmoor. \$768,448.00 has previously been approved for preliminary engineering. \$768,448.20 of Regional Strategic Transportation Investment funds will be replaced with <b>BUILD NC BOND</b> funds. WBS will be reopened, the funds replaced and then closed.	\$0.00
Granville Co. Div. 5 R-5707 REGIONAL	WBS 46379.3.1 NC 56 at US 15 and NC 50 in Creedmoor. \$3,870,400.00 has previously been approved for construction. \$662,995.00 of Regional Strategic Transportation Investment funds will be replaced with <b>BUILD NC BOND</b> funds.	\$0.00
Wake Co. Div. 5 B-5237 DIVISION	WBS 42838.3.1 Replace bridge 248 over Mahler's Creek on SR 2703 (New Bethel Church Road). \$3,714,045.00 has previously been approved for construction. \$318,288.00 of Federal funds and \$1,715,268.00 of State Match funds will be replaced with Division <b>BUILD NC BOND</b> funds.	\$0.00
Wake Co. Div. 5 I-5968 STATEWIDE	WBS 45921.1.1 I-540 from US 70 to SR 1829 (Leesville Road) in Raleigh. \$1,140,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$181,600.00

**NCDOT November 2020 Board of Transportation Agenda  
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<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Wake Co. Div. 5 I-6007 STATEWIDE	WBS 47961.1.1 I-87 / US 64 / US 264 at SR 2233 (Smithfield Road). \$83,905.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$237,100.00
Statewide Div. 5 M-0488D STATEWIDE	WBS 46404.1.4 Southeastern Extension of I-540 - Map Act Lawsuit. \$1,305,112.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$378,800.00
Wake Co. Div. 5 P-5707 REGIONAL	WBS 44643.1.1 CSX S Line. Grade separation at Rogers Road Extension Crossing (633 905Y) in Wake Forest. \$1,530,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$363,800.00
Wake Co. Div. 5 U-5302 REGIONAL	WBS 48000.1.1 US 401 from south of SR 1006 (Old Stage Road) to south of SR 2538 (Mechanical Boulevard) in Garner. \$1,403,682.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. This is a <b>BUILD NC BOND</b> project.	\$252,000.00
Wake Co. Div. 5 U-5750 REGIONAL	WBS 50170.1.1 NC 54 from NC 540 to Perimeter Park Drive in Morrisville. \$1,850,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. This is a <b>BUILD NC BOND</b> project.	\$187,700.00



**NCDOT November 2020 Board of Transportation Agenda  
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<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Wake Co. Div. 5 U-5826 DIVISION	WBS 44398.1.1 SR 2000 (Falls of Neuse Road) from I-540 to SR 2006 (Durant Road). \$1,117,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$364,400.00
Wake Co. Div. 5 U-5827 DIVISION	WBS 44400.1.1 SR 1632 (Louis Stephens Drive) from Poplar Pike Lane in Morrisville to SR 2153 (Little Drive) in Research Triangle Park. \$968,258.00 has previously been approved for preliminary engineering. \$1,686.11 of Division Strategic Transportation Investment funds will be replaced with <b>BUILD NC BOND</b> funds	\$0.00
Wake Co. Div. 5 U-5827 DIVISION	WBS 44400.3.1 SR 1632 (Louis Stephens Drive) from Poplar Pike Lane in Morrisville to SR 2153 (Little Drive) in Research Triangle Park. \$6,115,248.00 has previously been approved for construction. \$3,269,791.00 of Division Strategic Transportation Investment funds will be replaced with <b>BUILD NC BOND</b> funds.	\$0.00
Wake Co. Div. 5 U-5936 STATEWIDE	WBS 45944.1.1 SR 1728 (Wade Avenue) from I-40 to I-440 in Raleigh. \$500,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$387,900.00
Wake Co. Div. 5 U-6023 DIVISION	WBS 47149.1.1 Town of Wake Forest. Construct townwide ITS / Signal System. \$325,892.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$117,800.00

**NCDOT November 2020 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 I-5986A STATEWIDE	WBS 47532.1.2 I-95 from I-95 Business (Exit 56) to SR 1001 (Long Branch Road - Exit 71). \$1,700,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$1,257,300.00
Cumberland/ Robeson Cos. Div. 6 I-5987 REGIONAL	WBS 47533.1.1 I-95 from US 301 (Exit 22) to north of I-95 Business/US 301 (Exit 40). \$4,115,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$2,293,200.00
Fayetteville/ Cumberland Co. Div. 6 U-2519CB STATEWIDE	WBS 34817.3.S8 Fayetteville Outer Loop from south of SR 1400 (Cliffdale Road) to east of SR 1415 (Yadkin Road). \$161,354,182.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$9,032,000.00
Cumberland Co. Div. 6 U-5798A DIVISION	WBS 44369.1.2 SR 1102 (Gillis Hill Road) from north of SR 1112 (Stoney Point Road) to US 401(Raeford Road). \$16,491.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$831,000.00
Harnett Co. Div. 6 R-5705B REGIONAL	WBS 46377.1.3 NC 55 from NC 210 to SR 4809 (Jicarila Lane). \$700,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$170,400.00

**NCDOT November 2020 Board of Transportation Agenda  
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<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Harnett Co. Div. 6 U-5933 STATEWIDE	WBS 45943.1.1 NC 87/24 at SR 1117 (Nursery Road). \$600,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$152,500.00
Robeson Co. Div. 6 I-5987A REGIONAL	WBS 47533.1.2 I-95 from south of US 301 to south of NC 20. Initial funds are requested for preliminary engineering.	\$1,895,342.00
Robeson Co. Div. 6 I-5987B REGIONAL	WBS 47533.1.3 I-95 from south of NC 20 to south of proposed I-295. Initial funds are requested for preliminary engineering.	\$2,104,043.00
Robeson Co. Div. 6 P-4900A(L) STATEWIDE	WBS 41099.3.6 Railroad bypass of Pembroke to allow north to south shipments to turn east. \$347.00 has previously been approved for construction. Additional funds are requested. WBS will be reopened for completing work.	\$60,000.00
Robeson Co. Div. 6 U-5797 DIVISION	WBS 44367.1.1 SR 1997 (Fayetteville Road) from Farrington Street to East 22nd Street. \$1,704,200.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$379,300.00

**NCDOT November 2020 Board of Transportation Agenda  
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<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Cumberland/ Hoke Cos. Divs. 6/8 U-5798 DIVISION	WBS 44369.1.1 SR 1102 (Gillis Hill Road) from US 401 (Raeford Road) to SR 1418 (Lindsay Road); Planning document for U-5798 also includes U-5707, U-5857, U-5858 and U-5753. \$1,000,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$261,700.00
Alamance Co. Div. 7 U-3109A REGIONAL	WBS 34900.3.5 NC 119 Relocation from I-40/I-85 to north of SR 1921 (Mebane Rogers Road/Stage Coach Road). \$49,100,000.00 has previously been approved for construction. \$14,047,486.00 of Regional Strategic Transportation Investment funds will be replaced with <b>BUILD NC BOND</b> funds.	\$0.00
Alamance Co. Div. 7 U-3109A REGIONAL	WBS 34900.1.4 NC 119 Relocation from I-40/I-85 to north of SR 1921 (Mebane Rogers Road/Stage Coach Road). \$1,700,000.00 has previously been approved for preliminary engineering. \$282,446.89 of Regional Strategic Transportation Investment funds will be replaced with <b>BUILD NC BOND</b> funds.	\$0.00
Alamance Co. Div. 7 U-3109B REGIONAL	WBS 34900.3.4 NC 119 relocation from north of US 70 to south of SR 1918 (Mrs. White Road) in Mebane. \$9,189,804.00 has previously been approved for construction. \$3,702,593.00 of Federal funds and \$925,648.00 of State Match funds will be replaced with Division <b>BUILD NC BOND</b> funds. \$545,155.00 of additional <b>BUILD NC BOND</b> funds is requested.	\$545,155.00
Alamance Co. Div. 7 U-5843 DIVISION	WBS 50233.3.1 US 70 (Church Street) at SR 1817 (Graham - Hopedale Road) in Burlington. \$2,771,621.00 has previously been approved for construction. \$1,466,357.00 of Division Strategic Transportation Investment funds will be replaced with <b>BUILD NC BOND</b> funds	\$0.00

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<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Alamance Co. Div. 7 U-5843 DIVISION	WBS 50233.1.1 US 70 (Church Street) at SR 1817 (Graham - Hopedale Road) in Burlington. \$627,306.49 has previously been approved for preliminary engineering. \$627,306.49 of Division Strategic Transportation Investment funds will be replaced with <b>BUILD NC BOND</b> funds	\$0.00
Alamance Co. Div. 7 U-6015 DIVISION	WBS 47160.3.1 Upgrade Burlington - Graham Signal System. \$9,129,152.00 has previously been approved for construction. \$4,336,789.00 of Federal funds and \$1,084,197.00 of State Match funds will be replaced with Division <b>BUILD NC BOND</b> funds.	\$0.00
Guilford Co. Div. 7 AV-5708 STATEWIDE	WBS 46309.1.1 Construct taxiway over future I-73 east of SR 2085 (Bryan Boulevard) at Piedmont Triad International. \$525,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$280,000.00
Greensboro/ Guilford Co. Div. 7 P-5713 STATEWIDE	WBS 46925.1.1 North Carolina Railroad (NCRR) / Norfolk Southern Railroad, SR 1424 (Hilltop Road) in Greensboro. Convert at-grade crossing to grade separation. \$693,500.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$386,000.00
Guilford Co. Div. 7 U-2412A DIVISION	WBS 34802.3.3 SR 1486/SR 1421 (Jamestown Parkway) from I-74 to west of SR 1480 (Vickrey Chapel Road). \$52,107,585.00 has previously been approved for construction. \$27,201,940.00 of Division Strategic Transportation Investment funds will be replaced with <b>BUILD NC BOND</b> funds.	\$0.00

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<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Greensboro/ Guilford Co. Div. 7 U-2525C STATEWIDE	WBS 34821.1.5 Greensboro Eastern Loop from US 29 north of Greensboro to SR 2303 (Lawndale Drive). \$6,174,090.00 has previously been approved for preliminary engineering. \$5,662,970.85 of Statewide Strategic Transportation Investments funds will be replaced with <b>BUILD NC BOND</b> funds. \$288,989.87 of additional <b>BUILD NC BOND</b> funds is requested. <b>This project has previously been identified as a Trust Fund Urban Loop project.</b>	\$288,989.87
Greensboro/ Guilford Co. Div. 7 U-2525C STATEWIDE	WBS 34821.3.7 Greensboro Eastern Loop from US 29 north of Greensboro to SR 2303 (Lawndale Drive). \$162,997,322.00 has previously been approved for construction. \$35,000,000.00 of Statewide Strategic Transportation Investment funds will be replaced with <b>BUILD NC BOND</b> funds.	\$0.00
Guilford Co. Div. 7 U-2581BA DIVISION	WBS 34840.1.4 US 70 from SR 3045 (Mount Hope Church Road) to SR 3175 (Birch Creek Road). \$1,218,527.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$186,500.00
Guilford Co. Div. 7 U-2581BA DIVISION	WBS 34840.1.4 US 70 from SR 3045 (Mount Hope Church Road) to SR 3175 (Birch Creek Road). \$1,218,527.00 has previously been approved for preliminary engineering. \$196,720.75 of additional <b>BUILD NC BOND</b> funds is requested.	\$196,720.75
Guilford Co. Div. 7 U-2581BA DIVISION	WBS 34840.3.4 US 70 from SR 3045 (Mount Hope Church Road) to SR 3175 (Birch Creek Road). \$11,046,707.00 has previously been approved for construction. \$9,792,701.86 of Division Strategic Transportation Investments funds will be replaced with <b>BUILD NC BOND</b> funds. \$1,647,204.14 of additional <b>BUILD NC BOND</b> funds is requested.	\$1,647,204.14

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<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Guilford Co. Div. 7 U-4015A DIVISION	WBS 35013.1.4 SR 1556 (Gallimore Dairy Road) from NC 68 to Airpark Road. \$414,004.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$197,300.00
Orange Co. Div. 7 I-3306AB STATEWIDE	WBS 34178.1.5 I-40 from NC 86 to Durham County Line. \$500,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$123,500.00
Randolph/ Guilford Cos. Divs. 7/8 U-3400 DIVISION	WBS 38996.1.1 SR 1577 - SR 1004 (Archdale Road) from US 311 (Main Street) to east of Springwood Lane in Archdale. \$1,520,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$188,700.00
Moore Co. Div. 8 U-5814 REGIONAL	WBS 44387.1.1 US 15/ US 501/ NC 211 from US 1 (Sandhills Boulevard) to Brucewood Road in Aberdeen and Southern Pines. \$1,500,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$262,500.00
Richmond Co. Div. 8 R-2501C DIVISION	WBS 34437.3.7 US 1 from north of SR 1606 (Fox Road) south of SR 1001 (Marston Road). \$17,800,000.00 has previously been approved for construction. \$2,644,007.00 of Division Strategic Transportation Investment funds will be replaced with <b>BUILD NC BOND</b> funds	\$0.00

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<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Richmond Co. Div. 8 R-2501C DIVISION	WBS 34437.1.5 US 1 from north of SR 1606 (Fox Road) south of SR 1001 (Marston Road). \$168,758.95 has previously been approved for preliminary engineering. \$168,758.95 of Division Strategic Transportation Investment funds will be replaced with <b>BUILD NC BOND</b> funds	\$0.00
Richmond Co. Div. 8 R-3421A REGIONAL	WBS 34542.3.6 US 220 Bypass from US 74 Bypass west of Rockingham at SR 1109 (Zion Church Road) interchange to south of SR 1140 (Old Charlotte Highway). \$61,323,000.00 has previously been approved for construction. \$35,314,043.00 of Regional Strategic Transportation Investment funds will be replaced with <b>BUILD NC BOND</b> funds.	\$0.00
Richmond Co. Div. 8 R-3421B REGIONAL	WBS 34542.3.7 US 220 Bypass from 0.3 mile south of SR 1140 (Old Charlotte Highway) to 0.2 mile southwest of SR 1304 (Harrington Road). \$103,300,000.00 has previously been approved for construction. \$37,724,308.00 of regional Strategic Transportation Investment funds will be replaced with <b>BUILD NC BOND</b> funds.	\$0.00
Davie/ Forsyth Cos. Div. 9 I-0911A REGIONAL	WBS 34147.3.4 I-40 from 0.3 mile west of NC 801 in Davie County to 0.3 mile west of SR1101 (Harper Road) in Forsyth County. \$81,127,200.00 has previously been approved for construction. \$20,311,569.00 of Federal funds and \$5,077,892.00 of State Match funds will be replaced with Division <b>BUILD NC BOND</b> funds.	\$0.00
Forsyth Co. Div. 9 R-2247B REGIONAL	WBS 34409.2.32 Winston-Salem Northern Beltway Western Section from south of I-40 to south of the US 421 Interchange. Initial funds are requested for advance acquisition.	\$25,000.00



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<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Winston-Salem/ Forsyth Co. Div. 9 U-2579C REGIONAL	WBS 34839.3.GV6 Winston-Salem Northern Beltway Eastern Section (Future I-74) from US 158 to US 311. \$40,208,706.00 has previously been approved for construction. \$6,624,000.00 of Federal funds and \$1,656,000.00 of State Match funds will be replaced with Regional <b>BUILD NC BOND</b> funds. <b>This project has previously been identified as a Trust Fund Urban Loop project.</b>	\$0.00
Winston-Salem/ Forsyth Co. Div. 9 U-2579D STATEWIDE	WBS 34839.1.S4 Winston-Salem - Northern Beltway (Eastern Section) from US 311 to SR 2211 (Baux Mountain Road). \$780,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$148,000.00
Cabarrus Co. Div. 10 B-5136 REGIONAL	WBS 42295.3.FR1 Replace bridges 66 & 69 over the Norfolk Southern Railroad on US 29/US 601. \$16,126,411.00 has previously been approved for construction. \$1,733,659.18 of Federal funds and \$433,414.80 of State Match funds will be replaced with Regional <b>BUILD NC BOND</b> funds.	\$0.00
Cabarrus/ Mecklenburg Cos. Div. 10 R-5706 REGIONAL	WBS 46378.1.1 NC 73 (Davidson Highway) from SR 2693 (Davidson-Concord Road) to US 29. \$2,770,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$1,705,700.00
Cabarrus Co. Div. 10 U-5806 DIVISION	WBS 44378.3.1 Intersection of SR 2894 (Concord Mills Boulevard) and Entrance No. 1 - Kings Grant Pavilion. \$8,894,000.00 has previously been approved for construction. \$5,833,934.99 of Division Strategic Transportation Investment funds will be replaced with <b>BUILD NC BOND</b> funds.	\$0.00

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<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Cabarrus Co. Div. 10 U-5806 DIVISION	WBS 44378.1.D1 Intersection of SR 2894 (Concord Mills Boulevard) and Entrance No. 1 - Kings Grant Pavilion. \$1,856,615.00 has previously been approved for preliminary engineering. \$1,404,038.71 of Division Strategic Transportation Investment funds will be replaced with <b>BUILD NC BOND</b> funds.	\$0.00
Cabarrus Co. Div. 10 U-5956 REGIONAL	WBS 46891.1.1 US 29 - Realign Union Cemetery Road to intersect US 29 at Rock Hill Church Road and eliminate the current intersection of Union Cemetery Road and Cabarrus Avenue by creating a cul-de-sac. \$820,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$345,900.00
Mecklenburg Co. Div. 10 U-4713A DIVISION	WBS 39077.1.2 SR 3440 (McKee Road Extension) from SR 3448 (Pleasant Plains Road) to SR 1009 (John Street). \$888,488.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$171,400.00
Mecklenburg Co. Div. 10 U-6103 STATEWIDE	WBS 48136.1.1 US 74 (Independence Boulevard) from I-277 to NC 27 (Albemarle Road). \$1,010,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$385,700.00
Stanly Co. Div. 10 R-2530B REGIONAL	WBS 34446.3.4 NC 24 - 27 from Bird Road in Albemarle to west of the Pee Dee River. \$70,164,391.00 has previously been approved for construction. \$36,926,972.99 of Regional Strategic Transportation Investment funds will be replaced with <b>BUILD NC BOND</b> funds. <b>This project has previously been identified as a Trust Fund Intrastate System project.</b>	\$0.00

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<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Stanly Co. Div. 10 R-2530B REGIONAL	WBS 34446.1.6 NC 24 - 27 from Bird Road in Albemarle to west of the Pee Dee River. \$6,021,946.00 has previously been approved for preliminary engineering. \$131,202.94 of additional <b>BUILD NC BOND</b> funds is requested. <b>This project has previously been identified as a Trust Funds Intrastate System project.</b>	\$131,202.94
Stanly Co. Div. 10 R-5965 DIVISION	WBS 49190.1.1 Various improvements around Town of Oakboro. \$100,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$100,000.00
Union Co. Div. 10 U-5703A STATEWIDE	WBS 50129.3.2 US 74 (Roosevelt Boulevard) at SR 1514 (Rocky River Road). \$2,310,000.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. Project is complete. WBS will be closed.	\$37,648.98
Ashe Co. Div. 11 R-2915E DIVISION	WBS 34518.3.8 US 221 from US 221 Bypass to US 221 Business/NC 88 in Jefferson. \$35,700,000.00 has previously been approved for construction. \$20,633,459.25 of Division Strategic Transportation Investment funds will be replaced with <b>BUILD NC BOND</b> funds.	\$0.00
Ashe Co. Div. 11 R-5832 DIVISION	WBS 47104.1.1 NC 88 from NC 88 to NC 194. \$591,083.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$231,500.00

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<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Caldwell Co. Div. 11 U-6035 DIVISION	WBS 46970.1.1 SR 1002 (Dudley Shoals Road) and SR 1751 (Grace Chapel Road / Campground Road) / SR 1752 (Peach Orchard Road). \$260,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$206,600.00
Caldwell Co. Div. 11 U-6036 DIVISION	WBS 46971.1.1 SR 1109 (Pinewood Road) from US 321 to SR 1931 (Bert Huffman Road). \$480,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$139,400.00
Caldwell Co. Div. 11 U-6157 DIVISION	WBS 48471.1.1 SR 1130 (Cajah Mountain Road) from SR 1001 (Connelly Springs Road) to US 321A. \$10,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$243,500.00
Catawba Co. Div. 12 I-5991 STATEWIDE	WBS 47537.1.1 I-40 from US 321 (Exit 123) to NC 16. \$990,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$236,800.00
Catawba Co. Div. 12 R-3100A DIVISION	WBS 34522.3.5 NC 16 from north of SR 1814 (Caldwell Road) to SR 1895 (Tower Road). \$50,710,146.00 has previously been approved for construction. \$15,463,010.00 of Federal funds and \$3,865,752.00 of State Match funds will be replaced with Division <b>BUILD NC BOND</b> funds.	\$0.00

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<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Catawba Co. Div. 12 R-5113 DIVISION	WBS 42364.1.1 SR 1005 (Startown Road) from US 70 to NC 10. \$775,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$336,400.00
Cleveland Co. Div. 12 M-0488A REGIONAL	WBS 46404.1.14 Shelby Bypass - Map Act Lawsuit. \$1,055,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$123,700.00
Cleveland Co. Div. 12 R-2707C REGIONAL	WBS 34497.3.6 US 74 Bypass from east of NC 226 to east of NC 150. \$64,133,683.00 has previously been approved for construction. \$29,609,002.04 of Regional Strategic Transportation Investment funds will be replaced with <b>BUILD NC BOND</b> funds.	\$0.00
Cleveland Co. Div. 12 R-2707C REGIONAL	WBS 34497.1.4 US 74 Bypass from east of NC 226 to east of NC 150. \$146,067.85 has previously been approved for preliminary engineering. \$146,067.85 of Highway Trust Funds will be replaced with <b>BUILD NC BOND</b> funds. WBS will be reopened, the funds replaced and then closed.	\$0.00
Gaston Co. Div. 12 U-3633 REGIONAL/ DIVISION	WBS 37649.3.3 NC 273 (South Main Street) from Tuckaseegee Road at Beatty Drive to Highland Street at A&E Drive. \$17,346,281.00 has previously been approved for construction. \$3,342,614.00 of Federal funds and \$835,653.50 of State Match funds will be replaced with Division <b>BUILD NC BOND</b> funds.	\$0.00

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<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Gaston Co. Div. 12 W-5212N REGIONAL/ DIVISION	WBS 45342.3.14 NC 279 (Dallas Cherryville Highway) from south of (St. Mark's Church Road) to north of NC 275. \$17,990,252.00 has previously been approved for construction. \$8,975,775.00 of Federal funds and \$2,243,944.00 of State Match funds will be replaced with Division <b>BUILD NC BOND</b> funds.	\$0.00
Iredell Co. Div. 12 I-3819B STATEWIDE/ BONUS ALLOCATION	WBS 34192.2.3 I-40 / I-77 interchange. \$214,750,102.00 has previously been approved for construction. \$101,472,078.61 of Statewide Strategic Transportation Investments funds will be replaced with <b>BUILD NC BOND</b> funds.	\$0.00
Iredell Co. Div. 12 R-3833C DIVISION	WBS 34554.1.3 SR 1100 (Brawley School Road) from I-77 to US 21. \$2,144,078.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$1,170,600.00
Iredell Co. Div. 12 U-5799 REGIONAL	WBS 44371.1.1 US 21 from SR 1933 to Fort Dobbs Road. \$1,756,673.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$362,600.00
Iredell Co. Div. 12 U-5817 DIVISION	WBS 44389.1.1 SR 1246 (Fairview Road) extension over I-77 to connect with SR 1206 (Alcove Road). \$1,350,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$353,200.00

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Iredell Co. Div. 12 U-5964 REGIONAL	WBS 45978.1.1 US 64 (Davie Avenue) and US 21 (Sullivan Road). \$430,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$137,200.00
Buncombe Co. Div. 13 I-6063 STATEWIDE	WBS 48755.1.1 I-40 from Milemarker 50 to Milemarker 55. \$10,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$142,300.00
Madison Co. Div. 13 B-6012 DIVISION	WBS 48207.3.1 Replace bridge 73 over Foster Creek on SR 1341 (Foster Creek Road). \$4,746,050.00 has previously been approved for construction. \$2,760,119.00 of Federal funds and \$690,029.00 of State Match funds will be replaced with Division <b>BUILD NC BOND</b> funds.	\$0.00
McDowell Co. Div. 13 U-5818 DIVISION	WBS 44390.3.1 SR 1001 (Sugar Hill Road) from I-40 westbound ramps to 0.3 mile west of I-40 eastbound ramps. \$8,100,000.00 has previously been approved for construction. \$3,820,580.01 of Division Strategic Transportation Investments funds will be replaced with <b>BUILD NC BOND</b> funds. \$5,229,894.92 of additional <b>BUILD NC BOND</b> funds is requested.	\$5,229,894.92
McDowell Co. Div. 13 U-5818 DIVISION	WBS 44390.1.1 SR 1001 (Sugar Hill Road) from I-40 westbound ramps to 0.3 mile west of I-40 eastbound ramps. \$1,310,743.00 has previously been approved for preliminary engineering. \$105,000.00 of Division Strategic Transportation Investments funds will be replaced with <b>BUILD NC BOND</b> funds. \$12,703.77 of additional <b>BUILD NC BOND</b> funds is requested.	\$12,703.77

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Rutherford Co. Div. 13 U-5833 DIVISION	WBS 50225.3.1 SR 2241 (Oak Street) from SR 2159 (Pine Ridge Road) to US 74. \$5,059,811.00 has previously been approved for construction. \$2,824,764.82 of Division Strategic Transportation Investments funds will be replaced with <b>BUILD NC BOND</b> funds. \$841,020.56 of additional <b>BUILD NC BOND</b> funds is requested.	\$841,020.56
Rutherford Co. Div. 13 U-5833 DIVISION	WBS 50225.1.1 SR 2241 (Oak Street) from SR 2159 (Pine Ridge Road) to US 74. \$1,392,668.00 has previously been approved for preliminary engineering. \$52,371.39 of Division Strategic Transportation Investment funds will be replaced with <b>BUILD NC BOND</b> funds.	\$0.00
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). \$11,124,000.00 has previously been approved for construction. \$6,595,718.43 of Division Strategic Transportation Investments funds will be replaced with <b>BUILD NC BOND</b> funds. \$10,278,539.90 of additional <b>BUILD NC BOND</b> funds is requested.	\$10,278,539.90
Cherokee Co. Div. 14 R-5735 DIVISION	WBS 50193.1.1 US 19 / US 74 / US 64 / US 129 from the end of 4-lane divided section to US 19 Business (Hiwassee Street). \$2,088,507.00 has previously been approved for preliminary engineering. \$19,307.07 of Division Strategic Transportation Investment funds will be replaced with <b>BUILD NC BOND</b> funds. WBS will be reopened, the funds replaced and then closed.	\$0.00
Cherokee Co. Div. 14 R-5908 DIVISION	WBS 48469.1.1 US 19 / US 74 / US 129 from US 64 to SR 1689 (Casino Parkway). \$41,553.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$205,800.00



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Clay Co. Div. 14 R-5742 DIVISION	WBS 46325.3.1 NC 175 from Georgia State Line to US 64, upgrade roadway. \$21,300,000.00 has previously been approved for construction. \$12,270,382.90 of Division Strategic Transportation Investment funds will be replaced with <b>BUILD NC BOND</b> funds.	\$0.00
Clay Co. Div. 14 R-5742 DIVISION	WBS 46325.1.D1 NC 175 from Georgia State Line to US 64, upgrade roadway. \$1,933,543.00 has previously been approved for preliminary engineering. \$8,838.92 of Division Strategic Transportation Investment funds will be replaced with <b>BUILD NC BOND</b> funds. WBS will be reopened, the funds replaced and then closed.	\$0.00
Haywood Co. Div. 14 U-5839 DIVISION	WBS 50230.1.1 US 276 (Russ Avenue) from US 23/74 to US 23 Business (Main Street). \$2,743,401.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$241,300.00
Henderson Co. Div. 14 U-5840 DIVISION	WBS 50231.3.1 SR 1547 (Old Airport Road) from US 25 to Mills Gap Road. \$7,604,508.00 has previously been approved for construction. \$1,135,266.43 of Division Strategic Transportation Investments funds will be replaced with <b>BUILD NC BOND</b> funds. \$2,438,012.67 of additional <b>BUILD NC BOND</b> funds is requested.	\$2,438,012.67
Henderson Co. Div. 14 U-5887 DIVISION	WBS 44634.1.1 SR 1783 (Highland Lake Road) from NC 225 to US 176. \$709,775.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$383,400.00

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Macon Co. Div. 14 R-5734A DIVISION	WBS 50192.3.1 US 23/ US 441 from US 64 to SR 1652 (Wide Horizon Drive) / SR 1152 (Belden Circle). \$6,293,484.00 has previously been approved for construction. \$6,200,000.00 of Division Strategic Transportation Investments funds will be replaced with <b>BUILD NC BOND</b> funds. \$2,596,727.87 of additional <b>BUILD NC BOND</b> funds is requested.	\$2,596,727.87
Macon Co. Div. 14 R-5734A DIVISION	WBS 50192.1.1 US 23/ US 441 from US 64 to SR 1652 (Wide Horizon Drive) / SR 1152 (Belden Circle). \$1,787,763.12 has previously been approved for preliminary engineering. \$1,787,763.12 of Division Strategic Transportation Investment funds will be replaced with <b>BUILD NC BOND</b> funds. WBS will be reopened, the funds replaced and then closed.	\$0.00
Macon Co. Div. 14 R-5734B REGIONAL	WBS 50192.1.2 US 23 / US 441 from SR 1652 (Wide Horizon Drive) / SR 1152 (Belden Circle) to SR 1649 (Prentiss Bridge Road). \$975,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. This is a <b>BUILD NC BOND</b> project.	\$174,300.00
Macon Co. Div. 14 U-5604 REGIONAL	WBS 45832.3.1 US 441 Business from US 23 / US 64 / US 441 to Porter Street. Intersection improvements at Womack Street, Maple Street, Porter Street and Depot Street in Franklin. \$5,700,000.00 has previously been approved for construction. \$1,249,582.01 of Regional Strategic Transportation Investment funds will be replaced with <b>BUILD NC BOND</b> funds.	\$0.00
Macon Co. Div. 14 U-5604 REGIONAL	WBS 45832.1.1 US 441 Business from US 23 / US 64 / US 441 to Porter Street. Intersection improvements at Womack Street, Maple Street, Porter Street and Depot Street in Franklin. \$1,415,935.10 has previously been approved for preliminary engineering. \$1,415,935.10 of Regional Strategic Transportation Investment funds will be replaced with <b>BUILD NC BOND</b> funds. WBS will be opened, funds replaced and then closed.	\$0.00

**NCDOT November 2020 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>
Transylvania Co. Div. 14 R-5605 DIVISION	WBS 43587.3.1 Davidson River Village Connector from US 64/US 276 to US 64 in Pisgah Forest. \$12,568,400.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$312,100.00
Statewide M-0392 STATEWIDE/ REGIONAL/ DIVISION	WBS 40290.1.2 Hydraulics and preliminary engineering for miscellaneous projects. \$2,739,436.00 has previously been approved for preliminary engineering. Additional funds are requested using 40% Statewide (\$160,000.00) / 30% Regional (\$120,000.00) / 30% Division (\$120,000.00) Tier funding.	\$400,000.00
STATEWIDE STRATEGIC TRANSPORTATION INVESTMENTS	26 PROJECTS	\$24,013,632.40
REGIONAL STRATEGIC TRANSPORTATION INVESTMENTS	47 PROJECTS	\$1,631,159.03
DIVISION STRATEGIC TRANSPORTATION INVESTMENTS	62 PROJECTS	\$28,863,715.15
REGIONAL/STATEWIDE STRATEGIC TRANSPORTATION INVESTMENTS	1 PROJECT	\$367,900.00
REGIONAL/DIVISION STRATEGIC TRANSPORTATION INVESTMENTS	4 PROJECTS	\$7,086.96
STATEWIDE/REGIONAL/ DIVISION STRATEGIC TRANSPORTATION INVESTMENTS	1 PROJECT	\$400,000.00
STATEWIDE/BONUS ALLOCATION STRATEGIC TRANSPORTATION INVESTMENTS	1 PROJECT	\$0.00
<b>STRATEGIC TRANSPORTATION INVESTMENTS</b>	<b>142 PROJECTS</b>	<b>\$55,283,493.54</b>

**November 5, 2020**

\*\*\*Correction and resubmission from March 5, 2020 Board Approval (Page K-5) As reads:

Ashe Co.	WBS 34518.3.8	\$35,700,000.00
Div. 11	US 221 from US 221 Bypass to US 221 Business/NC 88 in	
R-2915E	Jefferson. Initial funds are requested for construction based on	
REGIONAL	the estimate from the 12-month Tentative Letting List published	
	January 17, 2020. This is a <b>Cash Flow</b> project with	
	\$1,785,000.00 in SFY 20, and \$11,305,000.00 in SFY 21,	
	SFY 22 and SFY 23.	

\*\*\*The correction should be:

Ashe Co.	WBS 34518.3.8	\$35,700,000.00
Div. 11	US 221 from US 221 Bypass to US 221 Business/NC 88 in	
R-2915E	Jefferson. Initial funds are requested for construction based on	
DIVISION	the estimate from the 12-month Tentative Letting List published	
	January 17, 2020. This is a <b>Cash Flow</b> project with	
	\$1,785,000.00 in SFY 20, and \$11,305,000.00 in SFY 21,	
	SFY 22 and SFY 23.	

**NCDOT November 2020 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>
Chatham Co. Div. 8 SS-6008J	WBS 49286.3.1 US 15-501 at Northwood High School Road. \$750,000.00 in Spot Safety construction funds has previously been approved for intersection improvements. Additional funds are needed due to an increase in construction costs. File 08-20-002-1	\$36,124.47
<b>ITEM L SUMMARY</b>	<b>1 PROJECT</b>	<b>\$36,124.47</b>

**November 5, 2020**

**NCDOT November 2020 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 1**

**Urban**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Pasquotank/ Camden Co. U-4438 EXEMPT	35742.2.1, STP-0158(50) US 158 from US 17 Business (North Road Street) to east of the Pasquotank River. This project is combined with B-4921: Replace Bridge #19 over the Pasquotank River on US 158 in Elizabeth City. \$13,333,110.53 has previously been approved for right of way and utilities. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. Work associated with this WBS is complete. This WBS will be closed.	\$426,711.00 Cost \$341,368.00 Fed. \$85,343.00 State

**Bridge**

Pasquotank Co. B-4599 EXEMPT	33791.3.1, BRSTP-17(41) Replace Bridge #1 and Bridge #2 over Knobbs Creek on US 17 / US 158 in Elizabeth City. \$11,790,528.19 has previously been approved for construction. Funds need to be decreased (\$283,513.00). Work associated with this WBS is complete. This WBS will be closed.	(\$283,513.00) Cost (\$226,810.00) Fed. (\$56,703.00) State
Pasquotank Co. B-6053 DIVISION	48754.1.1, STBG-0111(026) Replace Bridge #34 over Knobbs Creek Tributary on Providence Road in Elizabeth City. \$100,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested. This is a municipal bridge project.	\$125,000.00 Cost \$100,000.00 Fed. \$25,000.00 Local
Perquimans Co. B-5606 DIVISION	45561.3.1, BRZ-1338(006) Replace Bridge #11 over Raccoon Creek on SR 1338 (Wynne Fork Road) in Hertford. \$1,600,000.00 has previously been approved for construction. Funds need to be decreased (\$1,200,000.00). These funds will be replaced with nonparticipating State funds.	(\$1,200,000.00) Cost (\$960,000.00) Fed. (\$240,000.00) State

**NCDOT November 2020 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 1 (Continued)**

**Bridge**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Tyrrell Co. BP-5500B REGIONAL	50070.3.FR2, BRSTP-0094(4) Bridge preservation for Bridge #8 over Riders Creek on NC 904 and for Bridge #21 over the Scuppernong River on SR 1105 (Cross Landing Road). \$375,000.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. Work associated with this WBS is complete. This WBS will be closed.	\$244,851.00 Cost \$195,737.00 Fed. \$49,114.00 State

**Rural**

Divisionwide R-5781BB DIVISION	44911.3.7, TAP-0110(011) ADA Ramps (Americans with Disabilities Act) for areas with populations under 5,000 in Washington, Tyrrell, and Hyde Counties. \$119,000.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. Work associated with this WBS is complete. This WBS will be closed.	\$214,706.00 Cost \$171,711.00 Fed. \$42,995.00 State
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**NCDOT November 2020 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 2**

**Bridge**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Carteret Co. B-4863 DIVISION	40212.2.2, BRSTP-1335(4) Replace lift spans on Bridge #73 and Bridge #96 over the Straits at Harker's Island on SR 1335 (Island Road). \$500,000.00 has previously been approved for utility relocations. Additional funds are needed as requested.	\$6,000,000.00 Cost \$4,800,000.00 Fed. \$1,200,000.00 State
Pitt Co. B-5301 REGIONAL	46015.1.1, BRSTP-0033(13) Replace Bridge #87 over the Norfolk Southern Railroad on NC 33 near Grimesland. \$100,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$961,032.00 Cost \$768,825.00 Fed. \$192,207.00 State

**Rural**

Craven Co. R-5516 EXEMPT	45492.2.1, NHS-0070(154) Construct interchange at US 70 and Slocum Road near Marine Corps Air Station Cherry Point. \$5,322,000.00 has previously been approved for right of way and utilities. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. This is a Strategic Transportation Investments (STI) Transition project.	\$418,580.00 Cost \$334,864.00 Fed. \$83,716.00 State
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**NCDOT November 2020 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 3**

**Urban**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
New Hanover Co. U-3338B EXEMPT	34932.3.FD2, STP-1175(010) SR 1175 (Kerr Avenue) from Randall Parkway to US 74 (Martin Luther King, Jr. Parkway) in Wilmington. \$30,580,100.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. This is a Strategic Transportation Investments (STI) Transition project.	\$328,103.00 Cost \$262,482.00 Fed. \$65,621.00 State
New Hanover Co. U-5534F DIVISION	44096.3.7, STPDA-0332(46) Park Avenue Multi-Use Trail (Phase II) from Audubon Boulevard to SR 1175 (Kerr Avenue) in Wilmington. Funds are needed for construction to install the trail.	\$620,000.00 Cost \$496,000.00 Fed. \$124,000.00 Local

**Bridge**

Sampson Co. B-4814 DIVISION	38584.2.1, BRZ-1233(006) Replace Bridge #102, Bridge #103, and Bridge #104 over Little Coharie Creek on SR 1233 (Autryville Road) near Salemberg. \$233,000.00 has previously been approved for right of way and utilities. Funds need to be decreased (\$202,251.00). Work associated with this WBS is complete. This WBS will be closed.	(\$202,251.00) Cost (\$161,802.00) Fed. (\$40,449.00) State
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**Safety**

Onslow Co. W-5203X STATEWIDE	45333.3.24, HSIP-0017(138) Superstreet improvements along US 17 (New Bern Highway) between SR 1407 (Wolf Swamp Road) and SR 1326 (Drummer Kellum Road) in Jacksonville. \$2,200,000.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$1,055,556.00 Cost \$950,000.00 Fed. \$105,556.00 State
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**NCDOT November 2020 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 3 (Continued)**

**Safety**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Onslow Co. W-5602 REGIONAL	50139.3.1, HSIP-0172(13) NC 172 from the gate at Marine Corps Base Camp Lejeune to NC 210 near Sneads Ferry. \$14,766,722.00 has previously been approved for construction. Funds need to be decreased (\$5,500,000.00). These funds will be replaced with nonparticipating State funds.	(\$5,500,000.00) Cost (\$4,400,000.00) Fed. (\$1,100,000.00) State

**NCDOT November 2020 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 4**

**Rural**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Johnston Co. R-3825B DIVISION	34552.1.FR3, STP-0042(58) NC 42 from east of SR 1902 (Glen Laurel Road) to SR 1003 (Buffaloe Road). \$350,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. Work associated with this WBS is complete. This WBS will be closed.	\$112,977.00 Cost \$90,381.00 Fed. \$22,596.00 State

**NCDOT November 2020 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 5**

**Urban**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Durham Co. U-5968 REGIONAL	45982.3.2, STBG-0505(099) City of Durham Signal System Upgrade. \$22,359,564.00 has previously been approved for construction. Funds need to be decreased (\$11,573,732.00). These funds will be replaced with nonparticipating State funds.	(\$11,573,732.00) Cost (\$9,258,986.00) Fed. (\$2,314,746.00) State
Durham Co. U-5968 REGIONAL	45982.1.1, STBG-0505(084) City of Durham Signal System Upgrade \$3,946,870.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$203,150.00 Cost \$162,520.00 Fed. \$40,630.00 State

**Bridge**

Wake Co. B-5237 DIVISION	42838.3.1, BRZ-2703(1) Replace Bridge #248 over Mahler's Creek on SR 2703 (New Bethel Church Road) in Garner. \$3,714,045.00 has previously been approved for construction. Funds need to be decreased (\$397,860.00). These funds will be replaced with nonparticipating State funds.	(\$397,860.00) Cost (\$318,288.00) Fed. (\$79,572.00) State
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**Safety**

Durham Co. SR-5001C DIVISION	40924.3.4, SRS-0505(028) Sidewalks along SR 1118 (Fayetteville Street) between Homeland Avenue and SR 1158 (Cornwallis Road) in Durham. \$500,900.00 has previously been approved for construction. Funds need to be decreased (\$138,544.00) to align funding with the local agreement. Work associated with this WBS is complete. This WBS will be closed. <b>This is a Safe Routes to School project.</b>	(\$138,544.00) Cost (\$113,047.00) Fed. (\$25,497.00) Local
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**NCDOT November 2020 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>
Harnett Co. ER-5600FM DIVISION	46305.3.54, Federal No. 0401306 Landscape plantings along US 401 / NC 210 (South Main Street) from Harnett Street to US 421 (Front Street) in Lillington. \$170,000.00 has previously been approved for vegetation management. Additional funds are needed as requested.	\$42,100.00 Cost \$33,680.00 Fed. \$8,420.00 State

**NCDOT November 2020 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 7**

**Urban**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Alamance Co. U-3109B REGIONAL	34900.3.4, STP-0119(8) NC 119 relocation from north of US 70 to south of SR 1918 (Mrs. White Road) in Mebane. \$9,189,804.00 has previously been approved for construction. Funds need to be decreased (\$4,628,241.00). These funds will be replaced with nonparticipating State funds. This request is pending approval by the Federal Highway Administration (FHWA).	(\$4,628,241.00) Cost (\$3,702,593.00) Fed. (\$925,648.00) State
Alamance Co. U-6015 DIVISION	47160.3.1, STBG-0701(036) Burlington-Graham Signal System Upgrade. \$9,129,152.00 has previously been approved for construction. Funds need to be decreased (\$5,420,986.00). These funds will be replaced with nonparticipating State funds. This request is pending approval by the Federal Highway Administration (FHWA).	(\$5,420,986.00) Cost (\$4,336,789.00) Fed. (\$1,084,197.00) State

**Bridge**

Guilford Co. B-5345 DIVISION	46059.1.1, BRSTP-2136(5) Replace Bridge #456 over Brush Creek on SR 2136 (Fleming Road). \$212,561.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. Work associated with this WBS is complete. This WBS will be closed.	\$322,930.00 Cost \$258,344.00 Fed. \$64,586.00 State
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**Bicycle and Pedestrian**

Guilford Co. EB-5517 EXEMPT	50033.3.1, STPEB-0710(031) Sidewalks along SR 1545 (East Fork Road) in Jamestown, including a pedestrian bridge over the East Fork of High Point City Lake. \$1,200,000.00 has previously been approved for construction. Additional funds are needed to align funding with the local agreement. This is a Strategic Transportation Investments (STI) Transition project.	\$511,459.00 Cost \$409,167.00 Fed. \$102,292.00 State
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**NCDOT November 2020 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 7 (Continued)**

**Bicycle and Pedestrian**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Guilford Co. EB-5716 DIVISION	50412.3.1, SRS-0708(075) Sidewalks along Holden Road and Lindsay Street in Greensboro. \$424,000.00 has previously been approved for construction. Additional funds are needed to align funding with the local agreement.	\$995,514.00 Cost \$796,411.00 Fed. \$199,103.00 Local

**NCDOT November 2020 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 9**

**Interstate**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Davie/ Forsyth Co. I-0911A REGIONAL	34147.3.4, NHIMF-40-3(112)180 I-40 from 0.3 mile west of NC 801 in Davie County to 0.3 mile west of SR 1101 (Harper Road) in Forsyth County. \$81,127,200.00 has previously been approved for construction. Funds need to be decreased (\$25,389,461.00). These funds will be replaced with nonparticipating State funds. This request is pending approval by the Federal Highway Administration (FHWA).	(\$25,389,461.00) Cost (\$20,311,569.00) Fed. (\$5,077,892.00) State

**Urban**

Forsyth Co. U-2579C REGIONAL	34839.3.GV6, NHP-0918(062) Winston-Salem Northern Beltway (Eastern Section) from US 311 to US 158. \$40,208,706.00 has previously been approved for construction. Funds need to be decreased (\$8,280,000.00). These funds will be replaced with nonparticipating State funds.	(\$8,280,000.00) Cost (\$6,624,000.00) Fed. (\$1,656,000.00) State
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**NCDOT November 2020 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-4918A EXEMPT	44018.1.1, CMS-1004(32) Intersection improvements at SR 1394 (Poplar Tent Road) and US 29 in Concord. \$125,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$125,000.00). Preliminary engineering for this project was completed with local funds. This WBS will be closed.	(\$125,000.00) Cost (\$100,000.00) Fed. (\$25,000.00) Local

**Urban**

Union Co. U-3467 REGIONAL	39019.1.1, STP-1316(10) SR 1316 (Rea Road Extension) from NC 16 to SR 1008 (Waxhaw Indian Trail Road) in Wesley Chapel. \$1,300,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$3,682,280.00 Cost \$2,945,824.00 Fed. \$736,456.00 State
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**Bridge**

Cabarrus Co. B-5136 REGIONAL	42295.3.FR1, BRSTP-0029(43) Replace Bridge #66 and Bridge #69 over the Norfolk Southern Railroad on US 29 / US 601. \$16,126,411.00 has previously been approved for construction. Funds need to be decreased (\$2,167,074.00). These funds will be replaced with nonparticipating State funds.	(\$2,167,074.00) Cost (\$1,733,660.00) Fed. (\$433,414.00) State
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**NCDOT November 2020 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 12**

**Urban**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Gaston Co. U-3633 REGIONAL	37649.3.3, STP-0273(1) NC 273 (South Main Street) from Tuckaseegee Road to Highland Street in Mount Holly. \$17,346,280.50 has previously been approved for construction. Funds need to be decreased (\$4,178,267.00). These funds will be replaced with nonparticipating State funds. This request is pending approval by the Federal Highway Administration (FHWA).	(\$4,178,267.00) Cost (\$3,342,614.00) Fed. (\$835,653.00) State

**Safety**

Gaston Co. W-5212N REGIONAL	45342.3.14, HSIP-0279(10) NC 279 (Dallas Cherryville Highway) from south of SR 1438 (St. Marks Church Road) to north of NC 275 (Dallas Bessemer City Highway). \$17,990,252.00 has previously been approved for construction. Funds need to be decreased (\$11,219,719.00). These funds will be replaced with nonparticipating State funds.	(\$11,219,719.00) Cost (\$8,975,776.00) Fed. (\$2,243,943.00) State
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**Rural**

Catawba Co. R-3100A DIVISION	34522.3.5, STP-0016(52) NC 16 from north of SR 1814 (Caldwell Road) to SR 1895 (Tower Road). \$50,710,146.38 has previously been approved for construction. Funds need to be decreased (\$19,328,762.00). These funds will be replaced with nonparticipating State funds.	(\$19,328,762.00) Cost (\$15,463,010.00) Fed. (\$3,865,752.00) State
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**NCDOT November 2020 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 13**

**Bridge**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Madison Co. B-6012 DIVISION	48207.3.1, BRZ-1341(004) Replace Bridge #73 over Foster Creek on SR 1341 (Foster Creek Road). \$4,746,050.00 has previously been approved for construction. Funds need to be decreased (\$3,450,148.00). These funds will be replaced with nonparticipating State funds.	(\$3,450,148.00) Cost (\$2,760,119.00) Fed. (\$690,029.00) State

**ITEM M SUMMARY - 34 PROJECT(S) - (TOTAL FEDERAL AND STATE) (\$87,516,215.00)**

## REVISIONS TO THE 2020-2029 STIP

HIGHWAY PROGRAM  
STIP ADDITIONS

## DIVISION 3

* U-5735A	US 17 (WILMINGTON HIGHWAY), ROADWAY	CONSTRUCTION	2021	<u>\$1,075,000</u>	(O)
ON SLOW	IMPROVEMENTS TO DOUGLAS GATE ENTRANCE.			\$1,075,000	
PROJ.CATEGORY	<u>PROJECT ADDED AT REQUEST OF DIVISION AND</u>				
EXEMPT	<u>CAMP LEJEUNE. "O" FUNDS REPRESENT</u>				
	<u>DEPARTMENT OF DEFENSE FUNDS.</u>				

## DIVISION 5

* HL-0006	US 401, SR 1393 (HILLTOP-NEEDMORE ROAD) / SR 2751	RIGHT-OF-WAY	FY 2024 -	\$3,000,000	(NHPBA)
WAKE	(HILLTOP ROAD) / SR 2752 (AIR PARK ROAD)	UTILITIES	FY 2024 -	\$1,000,000	(NHPBA)
PROJ.CATEGORY	INTERSECTION AND SR 1375 (LAKE WHEELER ROAD)	CONSTRUCTION	FY 2025 -	<u>\$9,000,000</u>	(NHPBA)
EXEMPT	INTERSECTION IN FUQUAY-VARINA. CONVERT TO			\$13,000,000	
	REDUCED-CONFLICT INTERSECTIONS AND REALIGN				
	SR 2751 TO INTERSECT OPPOSITE SR 1375.				
	<u>PROJECT ADDED AT REQUEST OF MPO TO APPLY</u>				
	<u>BONUS ALLOCATION.</u>				

* HL-0007	NC 55, SR 1191 (TECHNOLOGY DRIVE) / SR 6107 (EAST	RIGHT-OF-WAY	FY 2024 -	\$5,600,000	(NHPBA)
WAKE	WILLIAMS STREET) IN APEX. CONVERT INTERSECTION	UTILITIES	FY 2024 -	\$1,000,000	(NHPBA)
PROJ.CATEGORY	TO INTERCHANGE.	CONSTRUCTION	FY 2025 -	\$10,850,000	(NHPBA)
EXEMPT	<u>PROJECT ADDED AT REQUEST OF MPO TO APPLY</u>		FY 2026 -	<u>\$10,850,000</u>	(NHPBA)
	<u>BONUS ALLOCATION.</u>			\$28,300,000	

* HL-0008	VARIOUS, INTERSECTION IMPROVEMENTS AT				
FRANKLIN	MULTIPLE LOCATIONS WITHIN THE CAPITAL AREA				
GRANVILLE	METROPOLITAN PLANNING ORGANIZATION (CAMPO)				
HARNETT	BOUNDARY.				
JOHNSTON	<u>PROJECT ADDED AT REQUEST OF MPO TO APPLY</u>				
WAKE	<u>BONUS ALLOCATION. PROGRAMMED FOR PLANNING</u>				
PROJ.CATEGORY	<u>AND ENVIRONMENTAL STUDY ONLY.</u>				
EXEMPT					

* HO-0001	VARIOUS, NCDOT MULTIMODAL CONNECTED VEHICLE	ENGINEERING	FY 2021 -	\$64,000	(DP)
WAKE	PILOT PROGRAM, NORTH CAROLINA STATE		FY 2021 -	\$201,000	(S)
PROJ.CATEGORY	UNIVERSITY CAMPUS IN RALEIGH.		FY 2022 -	\$45,000	(S)
EXEMPT	<u>PROJECT ADDED AT REQUEST OF TRANSPORTATION</u>		CONSTRUCTION	FY 2022 -	\$46,000 (S)
	<u>MOBILITY AND SAFETY DIVISION, TO UTILIZE FEDERAL</u>			FY 2023 -	\$87,000 (S)
	<u>ADVANCED TRANSPORTATION AND CONGESTION</u>			FY 2024 -	<u>\$94,000</u> (S)
	<u>MANAGEMENT TECHNOLOGIES DEPLOYMENT</u>				\$537,000
	<u>(ATCMTD) PROGRAM FUNDS. SEE FOLLOWING</u>				
	<u>ENTRIES FOR PROJECT BREAKS.</u>				

\* INDICATES FEDERAL AMENDMENT

## REVISIONS TO THE 2020-2029 STIP

HIGHWAY PROGRAM  
STIP ADDITIONS

## DIVISION 5

* HO-0001A	NCDOT MULTIMODAL CONNECTED VEHICLE PILOT PROGRAM, NORTH CAROLINA STATE UNIVERSITY	ENGINEERING	FY 2021 -	\$85,000	(DP)
WAKE	CAMPUS IN RALEIGH. CONNECTED VEHICLE		FY 2021 -	\$84,000	(S)
PROJ.CATEGORY	INFRASTRUCTURE, TRAFFIC SIGNAL SYSTEM		FY 2022 -	\$70,000	(DP)
EXEMPT	IMPROVEMENTS, SAFETY APPLICATION, TRANSIT		FY 2022 -	\$70,000	(S)
	SIGNAL PRIORITY APPLICATION, DATA COLLECTION		FY 2023 -	\$37,000	(DP)
	AND MANAGEMENT, ECO DRIVING APPLICATION.		FY 2023 -	\$37,000	(S)
	<u>PROJECT ADDED AT REQUEST OF TRANSPORTATION</u>	RIGHT-OF-WAY	FY 2022 -	\$24,000	(DP)
	<u>MOBILITY AND SAFETY DIVISION, TO UTILIZE FEDERAL</u>		FY 2022 -	\$24,000	(S)
	<u>ADVANCED TRANSPORTATION AND CONGESTION</u>	CONSTRUCTION	FY 2021 -	\$804,000	(DP)
	<u>MANAGEMENT TECHNOLOGIES DEPLOYMENT</u>		FY 2021 -	\$804,000	(S)
	<u>(ATCMTD) PROGRAM FUNDS.</u>		FY 2022 -	\$431,000	(DP)
			FY 2022 -	\$430,000	(S)
			FY 2023 -	\$282,000	(DP)
			FY 2023 -	\$282,000	(S)
			FY 2024 -	\$71,000	(DP)
			FY 2024 -	\$70,000	(S)
				\$3,605,000	

* HO-0001B	NCDOT MULTIMODAL CONNECTED VEHICLE PILOT PROGRAM, NORTH CAROLINA STATE UNIVERSITY	ENGINEERING	FY 2021 -	\$25,000	(DP)
WAKE	CAMPUS IN RALEIGH. SYSTEMS ENGINEERING, GRANT		FY 2021 -	\$125,000	(S)
PROJ.CATEGORY	ADMINISTRATION		FY 2022 -	\$15,000	(DP)
EXEMPT	<u>PROJECT ADDED AT REQUEST OF TRANSPORTATION</u>		FY 2022 -	\$15,000	(S)
	<u>MOBILITY AND SAFETY DIVISION, TO UTILIZE FEDERAL</u>		FY 2023 -	\$5,000	(DP)
	<u>ADVANCED TRANSPORTATION AND CONGESTION</u>		FY 2023 -	\$5,000	(S)
	<u>MANAGEMENT TECHNOLOGIES DEPLOYMENT</u>		FY 2024 -	\$5,000	(DP)
	<u>(ATCMTD) PROGRAM FUNDS.</u>		FY 2024 -	\$5,000	(S)
				\$200,000	

* HO-0001C	NCDOT MULTIMODAL CONNECTED VEHICLE PILOT PROGRAM, NORTH CAROLINA STATE UNIVERSITY	ENGINEERING	FY 2021 -	\$30,000	(DP)
WAKE	CAMPUS IN RALEIGH. BEFORE & AFTER STUDY,		FY 2021 -	\$30,000	(S)
PROJ.CATEGORY	EXPANSION FEASIBILITY STUDY		FY 2022 -	\$13,000	(DP)
EXEMPT	<u>PROJECT ADDED AT REQUEST OF TRANSPORTATION</u>		FY 2022 -	\$12,000	(S)
	<u>MOBILITY AND SAFETY DIVISION, TO UTILIZE FEDERAL</u>		FY 2023 -	\$87,000	(DP)
	<u>ADVANCED TRANSPORTATION AND CONGESTION</u>		FY 2023 -	\$88,000	(S)
	<u>MANAGEMENT TECHNOLOGIES DEPLOYMENT</u>		FY 2024 -	\$25,000	(DP)
	<u>(ATCMTD) PROGRAM FUNDS.</u>		FY 2024 -	\$25,000	(S)
				\$310,000	

## DIVISION 6

* HO-0002C	US 74, I-95 IN LUMBERTON TO I-140 IN WILMINGTON.
BRUNSWICK	INSTALL BROADBAND.
COLUMBUS	<u>PROGRAMMED FOR PLANNING AND ENVIRONMENTAL</u>
ROBESON	<u>STUDY ONLY. FEDERAL INFRA GRANT PROJECT.</u>
PROJ.CATEGORY	
STATEWIDE	

\* INDICATES FEDERAL AMENDMENT

## REVISIONS TO THE 2020-2029 STIP

HIGHWAY PROGRAM  
STIP ADDITIONS

## DIVISION 6

\* HO-0002D US 74, EASTERN END OF MONROE BYPASS TO I-140 IN  
 ANSON WILMINGTON. VULNERABILITY ASSESSMENTS,  
 BRUNSWICK INSTALLATION OF FLOOD GAUGES, AND FLOOD  
 COLUMBUS MONITORING.  
 RICHMOND PROGRAMMED FOR PLANNING AND ENVIRONMENTAL  
 ROBESON STUDY ONLY. FEDERAL INFRA GRANT PROJECT.  
 SCOTLAND  
 UNION  
 PROJ.CATEGORY  
 STATEWIDE

## DIVISION 10

\* HO-0002B US 74, EASTERN END OF MONROE BYPASS TO I-95 IN  
 ANSON LUMBERTON. INSTALL BROADBAND AND ITS  
 RICHMOND COMPONENTS INCLUDING CONNECTIONS TO SIGNAL  
 ROBESON SYSTEMS, DMS, AND CCTV.  
 SCOTLAND PROGRAMMED FOR PLANNING AND ENVIRONMENTAL  
 UNION STUDY ONLY. FEDERAL INFRA GRANT PROJECT.  
 PROJ.CATEGORY  
 STATEWIDE

* TA-4710	CATS, REPLACEMENT BUS	CAPITAL	FY 2021 -	\$888,000	(S)
MECKLENBURG	<u>ADD PROJECT TA-4710 TO STIP FOR FFY 2020-2023.</u>		FY 2021 -	\$888,000	(L)
PROJ.CATEGORY	<u>PROJECT PREVIOUSLY IN PRIOR STIP, NEW PROJECT</u>		FY 2021 -	\$5,000,000	(5307)
	<u>DEVELOPED FOR FEDERAL FUNDING AWARD.</u>		FY 2021 -	\$2,100,000	(5339)
	<u>PROJECT ADDED AT THE REQUEST OF CRTPO MPO.</u>		FY 2022 -	\$913,000	(S)
			FY 2022 -	\$913,000	(L)
			FY 2022 -	\$5,200,000	(5307)
			FY 2022 -	\$2,100,000	(5339)
			FY 2023 -	\$925,000	(S)
			FY 2023 -	\$925,000	(L)
			FY 2023 -	\$5,300,000	(5307)
			FY 2023 -	<u>\$2,100,000</u>	(5339)
				\$27,252,000	

\* INDICATES FEDERAL AMENDMENT

Thursday, November 5, 2020

## REVISIONS TO THE 2020-2029 STIP

HIGHWAY PROGRAM  
STIP ADDITIONS

## DIVISION 10

* TC-0014	CATS, EXPANSION VANPOOL	CAPITAL	FY 2021 -	\$17,000	(S)
MECKLENBURG	<u>ADD PROJECT TC-0014 TO STIP FOR FFY 2021. NEW</u>		FY 2021 -	\$17,000	(L)
PROJ.CATEGORY	<u>PROJECT DEVELOPED FOR FEDERAL FUNDING</u>		FY 2021 -	\$140,000	(5307)
	<u>AWARD. PROJECT ADDED AT THE REQUEST OF</u>			\$174,000	
	<u>CRTPO MPO.</u>				
* TP-5156	ADD A LIGHT RAIL STATION ON THE LYNX BLUE LINE	CAPITAL	2021	\$1,582,000	(L)
MECKLENBURG	NEAR IVERSON WAY IN SOUTH CHARLOTTE		2022	\$3,000,000	(L)
PROJ.CATEGORY	<u>ADD PROJECT TP-5156 TO STIP FOR FFY 2021-2023.</u>		2023	\$3,000,000	(L)
	<u>NEW PROJECT DEVELOPED FOR FEDERAL FUNDING</u>			\$7,582,000	
	<u>AWARD. PROJECT ADDED AT THE REQUEST OF</u>				
	<u>CRTPO MPO.</u>				
* TU-0001	CATS, LYNX SILVER LINE LIGHT RAIL PROJECT	PLANNING	FY 2020 -	\$7,647,000	(L)
MECKLENBURG	<u>ADD PROJECT TU-0001 TO STIP FOR FFY 2020-2022.</u>		FY 2020 -	\$1,353,000	(5307)
PROJ.CATEGORY	<u>NEW PROJECT DEVELOPED FOR FEDERAL FUNDING</u>		FY 2021 -	\$21,175,000	(L)
	<u>AWARD. PROJECT ADDED AT THE REQUEST OF</u>		FY 2022 -	\$19,825,000	(L)
	<u>CRTPO MPO.</u>			\$50,000,000	

## DIVISION 12

* HO-0002A	US 74, I-40 IN ASHEVILLE TO I-77 AT I-485 (SOUTH) IN
BUNCOMBE	CHARLOTTE. INSTALL BROADBAND.
CLEVELAND	<u>PROGRAMMED FOR PLANNING AND ENVIRONMENTAL</u>
GASTON	<u>STUDY ONLY. FEDERAL INFRA GRANT PROJECT.</u>
HENDERSON	
MECKLENBURG	
POLK	
RUTHERFORD	
PROJ.CATEGORY	
STATEWIDE	

\* INDICATES FEDERAL AMENDMENT

Thursday, November 5, 2020

## REVISIONS TO THE 2020-2029 STIP

HIGHWAY PROGRAM  
STIP ADDITIONS

## STATEWIDE

* HB-9999	BRIDGE INSPECTION PROGRAM.	IMPLEMENTATION	FY 2021 -	\$26,000,000	(BG)
STATEWIDE	<u>PROJECT ADDED AT REQUEST OF STRUCTURES</u>		FY 2022 -	\$26,000,000	(BG)
PROJ.CATEGORY	<u>MANAGEMENT UNIT. PROJECT WILL REPLACE B-9999.</u>		FY 2023 -	\$26,000,000	(BG)
STATEWIDE			FY 2024 -	\$26,000,000	(BG)
REGIONAL			FY 2025 -	\$26,000,000	(BG)
DIVISION			FY 2026 -	\$26,000,000	(BG)
			FY 2027 -	\$26,000,000	(BG)
			FY 2028 -	\$26,000,000	(BG)
			FY 2029 -	\$26,000,000	(BG)
				\$234,000,000	

## STIP MODIFICATIONS

## DIVISION 3

* AV-5795	WILMINGTON INTERNATIONAL (ILM), EXPAND THE	CONSTRUCTION	FY 2029 -	\$500,000	(T)
NEW HANOVER	GENERAL AVIATION APRON.		FY 2029 -	\$800,000	(O)
PROJ.CATEGORY	<u>AT REQUEST OF DIVISION OF AVIATION, DELAY</u>			\$1,300,000	
STATEWIDE	<u>CONSTRUCTION FROM FY 22 TO FY 29.</u>				

* AV-5798	WILMINGTON INTERNATIONAL (ILM), TAXIWAY	CONSTRUCTION	FY 2028 -	\$500,000	(T)
NEW HANOVER	IMPROVEMENTS.		FY 2028 -	\$5,100,000	(O)
PROJ.CATEGORY	<u>AT REQUEST OF DIVISION OF AVIATION, DELAY</u>			\$5,600,000	
STATEWIDE	<u>CONSTRUCTION FROM FY 21 TO FY 28.</u>				

EB-6027	SR 1403 (MIDDLE SOUND LOOP), CONSTRUCT MULTI-	RIGHT-OF-WAY	FY 2021 -	\$500,000	(L)
NEW HANOVER	USE PATH SOUTH OF MARKET STREET FROM RED	CONSTRUCTION	FY 2021 -	\$1,000,000	(L)
PROJ.CATEGORY	CEDAR ROAD TO EXISTING TRAIL AT CORNER OF			\$1,500,000	
DIVISION	MARKET STREET AND MIDDLE SOUND LOOP ROAD.				
	<u>DESCRIPTION REVISED AT THE REQUEST OF THE</u>				
	<u>MPO.</u>				

U-5787	SR 2715 (TRADE STREET), NC 53 (WESTERN	RIGHT-OF-WAY	FY 2022 -	\$82,000	(T)
ONslow	BOULEVARD) TO MCDANIEL DRIVE IN JACKSONVILLE.		FY 2023 -	\$1,566,000	(T)
PROJ.CATEGORY	CONSTRUCT ROADWAY ON NEW LOCATION.	UTILITIES	FY 2022 -	\$198,000	(T)
DIVISION	<u>TO ASSIST IN BALANCING FUNDS, DELAY RIGHT-OF-</u>	CONSTRUCTION	FY 2024 -	\$1,511,000	(T)
	<u>WAY FROM FY 20 TO FY 22 AND CONSTRUCTION</u>			\$3,357,000	
	<u>FROM FY 22 TO FY 24.</u>				

\* INDICATES FEDERAL AMENDMENT

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## REVISIONS TO THE 2020-2029 STIP

HIGHWAY PROGRAM  
STIP MODIFICATIONS

## DIVISION 3

* U-5790 NEW HANOVER PROJ.CATEGORY DIVISION	US 421 (CAROLINA BEACH ROAD), NC 132 (SOUTH COLLEGE ROAD) TO SANDERS ROAD IN WILMINGTON. WIDEN EXISTING ROADWAY AND CONSTRUCT FLYOVERS AT US 421 AND NC 132. <u>TO ASSIST IN BALANCING FUNDS, DELAY RIGHT-OF-WAY FROM FY 22 TO 29 AND CONSTRUCTION FROM FY 24 TO POST YEAR.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2029 - \$2,263,000 (T) POST YR- \$2,262,000 (T) FY 2029 - \$183,000 (T) POST YR- \$16,700,000 (T) \$21,408,000
U-5878 ONslow PROJ.CATEGORY DIVISION	COMMERCE DRIVE EXTENSION, COMMERCE DRIVE TO SR 1406 (PINEY GREEN ROAD). CONSTRUCT ROADWAY ON NEW LOCATION. <u>BASED ON COORDINATION WITH MPO AND DIVISION AND THE DELAY OF U-5787, ACCELERATE CONSTRUCTION FROM FY 24 TO FY 22.</u>	CONSTRUCTION	FY 2022 - \$1,625,000 (T) FY 2023 - \$1,625,000 (T) \$3,250,000
* U-6202 NEW HANOVER PROJ.CATEGORY DIVISION	SR 2048 (GORDON ROAD), US 17 (MARKET STREET) TO I-40. WIDEN ROADWAY. <u>BASED ON COORDINATION WITH MPO AND DIVISION AND THE DELAY OF U-5790, ACCELERATE RIGHT-OF-WAY FROM FY 25 TO FY 22 AND CONSTRUCTION FROM FY POST YEAR TO FY 24.</u>	BUILD NC ROW  RIGHT-OF-WAY UTILITIES BUILD NC CON  CONSTRUCTION	FY 2022 - \$3,861,000 (T) FY 2023 - \$3,861,000 (T) FY 2024 - \$3,861,000 (T) FY 2025 - \$3,861,000 (T) FY 2026 - \$3,861,000 (T) FY 2027 - \$3,861,000 (T) FY 2028 - \$3,861,000 (T) FY 2029 - \$3,861,000 (T) POST YR- \$27,027,000 (T) FY 2022 - \$1,450,000 (T) FY 2023 - \$1,450,000 (T) FY 2022 - \$1,168,000 (T) FY 2023 - \$1,168,000 (T) FY 2024 - \$1,287,000 (T) FY 2025 - \$1,287,000 (T) FY 2026 - \$1,287,000 (T) FY 2027 - \$1,287,000 (T) FY 2028 - \$1,287,000 (T) FY 2029 - \$1,287,000 (T) POST YR- \$11,583,000 (T) FY 2024 - \$1,750,000 (T) FY 2025 - \$1,750,000 (T) \$85,956,000

\* INDICATES FEDERAL AMENDMENT

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## REVISIONS TO THE 2020-2029 STIP

HIGHWAY PROGRAM  
STIP MODIFICATIONS

## DIVISION 4

* U-5725	NC 125, I-95 TO SR 1745 (OLD FARM ROAD). WIDEN TO	ENGINEERING	FY 2021 -	\$142,000	(T)
HALIFAX	MULTI-LANES.		FY 2022 -	\$142,000	(T)
PROJ.CATEGORY	<u>PROJECT TO UTILIZE BUILD NC BONDS</u>		FY 2023 -	\$142,000	(T)
DIVISION			FY 2024 -	\$142,000	(T)
			FY 2025 -	\$142,000	(T)
			FY 2026 -	\$142,000	(T)
			FY 2027 -	\$142,000	(T)
			FY 2028 -	\$142,000	(T)
			FY 2029 -	\$142,000	(T)
			POST YR-	\$852,000	(T)
		BUILD NC CON	FY 2021 -	\$1,166,000	(T)
			FY 2022 -	\$1,166,000	(T)
			FY 2023 -	\$1,166,000	(T)
			FY 2024 -	\$1,166,000	(T)
			FY 2025 -	\$1,166,000	(T)
			FY 2026 -	\$1,166,000	(T)
			FY 2027 -	\$1,166,000	(T)
			FY 2028 -	\$1,166,000	(T)
			FY 2029 -	\$1,166,000	(T)
			POST YR-	\$6,996,000	(T)
		CONSTRUCTION	FY 2020 -	\$4,456,000	(T)
			FY 2021 -	\$4,456,000	(T)
				\$28,532,000	

## DIVISION 5

P-5737	CSX S LINE, SR 2108 (MILLBROOK ROAD) IN RALEIGH.	RIGHT-OF-WAY	FY 2021 -	\$3,700,000	(T)
WAKE	CONSTRUCT GRADE SEPARATION AND CLOSE	CONSTRUCTION	FY 2023 -	\$10,000,000	(DP)
PROJ.CATEGORY	CROSSING 630605A.		FY 2023 -	\$3,620,000	(T)
STATEWIDE	<u>FOR STRATEGIC LETTING PURPOSES DELAY</u>		FY 2023 -	\$510,000	(O)
	<u>CONSTRUCTION FROM FY 21 TO FY 23.</u>			\$17,830,000	

## DIVISION 7

C-5555E	SR 1546 (COLLEGE ROAD) AND SR 2179 (NEW GARDEN	CONSTRUCTION	FY 2021 -	\$200,000	(CMAQ)
GUILFORD	ROAD) IN GREENSBORO. CONSTRUCT SIDEWALKS.		FY 2021 -	\$600,000	(BGDA)
PROJ.CATEGORY	<u>TO REFLECT CURRENT DELIVERY SCHEDULES,</u>		FY 2021 -	\$200,000	(L)
EXEMPT	<u>DELAY CONSTRUCTION FROM FY 20 TO FY 21 AT</u>			\$1,000,000	
	<u>REQUEST OF MPO.</u>				

\* INDICATES FEDERAL AMENDMENT

Thursday, November 5, 2020

## REVISIONS TO THE 2020-2029 STIP

HIGHWAY PROGRAM  
STIP MODIFICATIONS

## DIVISION 7

C-5650	SR 1919 (SMITH LEVEL ROAD / S. GREENSBORO ST),	RIGHT-OF-WAY	FY 2021 -	\$100,000	(BGANY)
ORANGE	PUBLIC WORKS DRIVE TO N. END OF OLD PITTSBORO		FY 2021 -	\$25,000	(L)
PROJ.CATEGORY	ROAD IN CARRBORO. CONSTRUCT 3,100 LF SIDEWALK	CONSTRUCTION	FY 2022 -	\$440,000	(CMAQ)
DIVISION	ON ONE SIDE.		FY 2022 -	\$530,000	(BGANY)
	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING, DELAY</u>		FY 2022 -	\$748,000	(L)
	<u>RIGHT-OF-WAY FROM FY 20 TO FY 21 AND</u>			\$1,843,000	
	<u>CONSTRUCTION FROM FY 21 TO FY 22.</u>				

* TA-6714	GTA, ELECTRIC VEHICLE AND CHARGING	CAPITAL	FY 2020 -	\$102,000	(L)
GUILFORD	INFRASTRUCTURE		FY 2020 -	\$578,000	(5339)
PROJ.CATEGORY	<u>FUNDING ADDED TO FY 21 AT THE REQUEST OF</u>		FY 2021 -	\$191,000	(CMAQ)
	<u>GREENSBORO MPO</u>		FY 2021 -	\$502,000	(O)
			FY 2021 -	\$167,000	(L)
				\$1,540,000	

* U-5532	VARIOUS, GREENSBORO URBAN AREA MPO: BICYCLE,	CONSTRUCTION	FY 2021 -	\$500,000	(BGANY)
GUILFORD	PEDESTRIAN, AND TRANSPORTATION ALTERNATIVES		FY 2021 -	\$4,000,000	(BGDA)
PROJ.CATEGORY	PROGRAM (TAP)-ELIGIBLE PROJECTS		FY 2021 -	\$512,000	(TAANY)
DIVISION	<u>TO REFLECT CURRENT DELIVERY SCHEDULES, ADD</u>		FY 2021 -	\$250,000	(TADA)
	<u>CONSTRUCTION IN FY 21 NOT PREVIOUSLY</u>		FY 2021 -	\$1,315,500	(L)
	<u>PROGRAMMED, AT REQUEST OF MPO.</u>			\$6,577,500	

## DIVISION 9

EB-5722	NC 67 (SILAS CREEK PARKWAY), BOLTON STREET TO	RIGHT-OF-WAY	FY 2021 -	\$728,000	(BGANY)
FORSYTH	LOCKLAND AVENUE IN WINSTON-SALEM. CONSTRUCT		FY 2021 -	\$182,000	(L)
PROJ.CATEGORY	SIDEWALK ON NORTH SIDE TO CONNECT EXISTING	CONSTRUCTION	FY 2022 -	\$102,000	(BGDA)
DIVISION	SECTIONS.		FY 2022 -	\$360,000	(TAANY)
	<u>DELAY RIGHT-OF-WAY FROM FY 20 TO FY 21 AND</u>		FY 2022 -	\$116,000	(L)
	<u>CONSTRUCTION FROM FY 21 TO FY 22 AT REQUEST</u>			\$1,488,000	
	<u>OF MPO.</u>				

EB-5810	BARBARA JANE AVENUE, OLD GREENSBORO ROAD TO	CONSTRUCTION	FY 2022 -	\$5,000	(BGDA)
FORSYTH	WOODROW POWELL DRIVE IN WINSTON-SALEM.		FY 2022 -	\$176,000	(TAANY)
PROJ.CATEGORY	CONSTRUCT SIDEWALK.		FY 2022 -	\$45,000	(L)
DIVISION	<u>DELAY CONSTRUCTION FROM FY 20 TO FY 22 AT</u>			\$226,000	
	<u>REQUEST OF MPO.</u>				

\* INDICATES FEDERAL AMENDMENT

## REVISIONS TO THE 2020-2029 STIP

HIGHWAY PROGRAM  
STIP MODIFICATIONS

## DIVISION 9

EB-5952 FORSYTH PROJ.CATEGORY DIVISION	FAIRLAWN DRIVE, NC 67 (REYNOLDA ROAD) TO SR 1528 (SILAS CREEK PKWY) IN WINSTON-SALEM. CONSTRUCT SIDEWALK. <u><b>DELAY RIGHT-OF-WAY FROM FY 20 TO FY 21 AND CONSTRUCTION FROM FY 21 TO FY 23 AT REQUEST OF MPO.</b></u>	RIGHT-OF-WAY CONSTRUCTION	FY 2021 - \$198,000 (BGANY) FY 2021 - \$50,000 (L) FY 2023 - \$593,000 (BGDA) FY 2023 - \$148,000 (L) \$989,000
EB-5953 FORSYTH PROJ.CATEGORY DIVISION	SR 4000 (UNIVERSITY PARKWAY), SR-1686 (SHATTALON DRIVE) TO ROBIN WOOD LANE IN WINSTON-SALEM. CONSTRUCT SIDEWALK. <u><b>DELAY CONSTRUCTION FROM FY 21 TO FY 22 AT REQUEST OF MPO.</b></u>	CONSTRUCTION	FY 2022 - \$508,000 (BGDA) FY 2022 - \$127,000 (L) \$635,000
EB-5954 FORSYTH PROJ.CATEGORY DIVISION	GRIFFITH ROAD, KIMWELL DRIVE TO BURKE MILL ROAD IN WINSTON-SALEM. CONSTRUCT SIDEWALK. <u><b>DELAY CONSTRUCTION FROM FY 21 TO FY 22 AT REQUEST OF MPO.</b></u>	RIGHT-OF-WAY CONSTRUCTION	FY 2021 - \$34,000 (BGANY) FY 2021 - \$8,000 (L) FY 2022 - \$1,296,000 (BGANY) FY 2022 - \$324,000 (L) \$1,662,000
EB-5955 FORSYTH PROJ.CATEGORY DIVISION	SR 1348 (ROBINHOOD ROAD), SPEAKS FARM ROAD TO MUDDY CREEK GREENWAY IN WINSTON-SALEM. CONSTRUCT SIDEWALK. <u><b>DELAY RIGHT-OF-WAY FROM FY 20 TO FY 21 AND CONSTRUCTION FROM FY 21 TO FY 22 AT REQUEST OF MPO.</b></u>	RIGHT-OF-WAY CONSTRUCTION	FY 2021 - \$53,000 (BGANY) FY 2021 - \$13,000 (L) FY 2022 - \$376,000 (BGANY) FY 2022 - \$94,000 (L) \$536,000
EB-5956 FORSYTH PROJ.CATEGORY DIVISION	SR 1992 (SULLIVANTOWN ROAD), US 311 AT HARLEY DRIVE TO WALKERTOWN HIGH/MIDDLE SCHOOL IN WALKERTOWN. INSTALL BICYCLE AND PEDESTRIAN FACILITIES AND CONSTRUCT SIDEWALK. <u><b>DELAY RIGHT-OF-WAY AND CONSTRUCTION FROM FY 20 TO FY 22 AT REQUEST OF MPO.</b></u>	RIGHT-OF-WAY CONSTRUCTION	FY 2022 - \$8,000 (BGANY) FY 2022 - \$2,000 (L) FY 2022 - \$440,000 (BGDA) FY 2022 - \$110,000 (L) \$560,000

\* INDICATES FEDERAL AMENDMENT

## REVISIONS TO THE 2020-2029 STIP

HIGHWAY PROGRAM  
STIP MODIFICATIONS

## DIVISION 9

EB-5957 FORSYTH PROJ.CATEGORY DIVISION	SR 2648 (OLD WINSTON ROAD), EXISTING SIDEWALK ACROSS FROM SEVENTH DAY ADVENTIST CHURCH PARKING LOT TO HOPKINS ROAD IN KERNERSVILLE. CONSTRUCT SIDEWALK ON SOUTH SIDE. <u><b>DELAY RIGHT-OF-WAY FROM FY 20 TO FY 21 AND CONSTRUCTION FROM FY 21 TO FY 22 AT REQUEST OF MPO.</b></u>	RIGHT-OF-WAY CONSTRUCTION	FY 2021 - FY 2021 - FY 2022 - FY 2022 -	\$29,000 \$7,000 \$186,000 \$46,000	(BGANY) (L) (BGDA) (L)
				<u>\$268,000</u>	
* EB-5959 FORSYTH PROJ.CATEGORY DIVISION	SR 3000 (IDOLS ROAD), SR 1103 (MIDDLEBROOK DRIVE) TO TANGLEWOOD PARK ROAD IN CLEMMONS. CONSTRUCT SIDEWALK. <u><b>ADD PRELIMINARY ENGINEERING IN FY 21 NOT PREVIOUSLY PROGRAMMED. DELAY CONSTRUCTION FROM FY 21 TO FY 22 AT REQUEST OF MPO.</b></u>	ENGINEERING CONSTRUCTION	FY 2021 - FY 2021 - FY 2022 - FY 2022 - FY 2022 -	\$88,000 \$22,000 \$202,000 \$516,000 \$179,000	(BGDA) (L) (BGANY) (BGDA) (L)
				<u>\$1,007,000</u>	
* EB-5960 FORSYTH PROJ.CATEGORY DIVISION	SR 1101 (HARPER ROAD), CONSTRUCT SIDEWALK AND CROSSWALKS WHERE GAPS EXIST BETWEEN JERRY LONG YMCA ON PEACEHAVEN ROAD TO ROUNDABOUT WEST OF FRANK MORGAN ELEMENTARY SCHOOL IN CLEMMONS. <u><b>ADD PRELIMINARY ENGINEERING IN FY 21 NOT PREVIOUSLY PROGRAMMED. DELAY CONSTRUCTION FROM FY 21 TO FY 22 AT REQUEST OF MPO.</b></u>	ENGINEERING CONSTRUCTION	FY 2021 - FY 2021 - FY 2022 - FY 2022 - FY 2022 -	\$100,000 \$25,000 \$130,000 \$771,000 \$225,000	(BGANY) (L) (BGANY) (BGDA) (L)
				<u>\$1,251,000</u>	
P-5726 ROWAN PROJ.CATEGORY REGIONAL	NORFOLK SOUTHERN, NS MAINLINE IN ROWAN COUNTY. CONSTRUCT TRACK IMPROVEMENTS, SECOND PLATFORM, PEDESTRIAN UNDERPASS, SITEWORK, RETAINING WALL AND SIGNAL EQUIPMENT. <u><b>TO ASSIST IN BALANCING FUNDS, DELAY CONSTRUCTION FROM FY 21 TO FY 22.</b></u>	CONSTRUCTION	FY 2022 - FY 2022 - FY 2023 - FY 2024 -	\$269,000 \$780,000 \$2,691,000 \$2,691,000	(T) (O) (T) (T)
				<u>\$6,431,000</u>	
U-6154 FORSYTH PROJ.CATEGORY DIVISION	SR 1308 (LEWISVILLE-VIENNA ROAD), SR 1348 (ROBINHOOD ROAD) IN LEWISVILLE. CONVERT EXISTING SIGNALIZED INTERSECTION TO A SINGLE LANE ROUNDABOUT. <u><b>DELAY CONSTRUCTION FROM FY 21 TO FY 22 AT REQUEST OF MPO.</b></u>	RIGHT-OF-WAY CONSTRUCTION	FY 2021 - FY 2021 - FY 2022 - FY 2022 -	\$200,000 \$50,000 \$720,000 \$180,000	(BGANY) (L) (BGDA) (L)
				<u>\$1,150,000</u>	

\* INDICATES FEDERAL AMENDMENT

## REVISIONS TO THE 2020-2029 STIP

HIGHWAY PROGRAM  
STIP MODIFICATIONS

## DIVISION 10

* TA-4960	CHARLOTTE AREA TRANSIT SYSTEM, REPLACEMENT	ACQUISITION	FY 2020 -	\$50,000	(S)
MECKLENBURG	VAN - VANPOOL		FY 2020 -	\$50,000	(L)
PROJ.CATEGORY	<u>MODIFYING THE FEDERAL FUNDS RECEIVED FROM</u>		FY 2020 -	\$397,000	(5307)
	<u>FTA ADMINISTERED BY CATS BASED ON VARIOUS</u>		FY 2021 -	\$58,000	(S)
	<u>GRANTS.</u>		FY 2021 -	\$58,000	(L)
			FY 2021 -	\$463,000	(5307)
			FY 2022 -	\$53,000	(S)
			FY 2022 -	\$53,000	(L)
			FY 2022 -	\$421,000	(5307)
			FY 2023 -	\$54,000	(S)
			FY 2023 -	\$54,000	(L)
			FY 2023 -	\$434,000	(5307)
		CAPITAL	FY 2024 -	\$56,000	(S)
			FY 2024 -	\$56,000	(L)
			FY 2024 -	\$446,000	(5307)
			FY 2025 -	\$58,000	(S)
			FY 2025 -	\$58,000	(L)
			FY 2025 -	\$460,000	(5307)
				\$3,279,000	
* TG-4726	CHARLOTTE AREA TRANSIT SYSTEM, ROUTINE	CAPITAL	FY 2020 -	\$407,000	(L)
MECKLENBURG	CAPITAL - BUS STOP SHELTERS, BENCHES, SHOP		FY 2020 -	\$1,627,000	(5307)
PROJ.CATEGORY	EQUIPMENT, SPARE PARTS, ENGINES, FAREBOX, ETC		FY 2021 -	\$419,000	(L)
	<u>MODIFYING THE DESCRIPTION AT THE REQUEST OF</u>		FY 2021 -	\$1,676,000	(5307)
	<u>THE MPO/CATS. MODIFYING THE FEDERAL FUNDS</u>		FY 2022 -	\$654,000	(L)
	<u>RECEIVED FROM FTA ADMINISTERED BY CATS BASED</u>		FY 2022 -	\$2,614,000	(5307)
	<u>ON VARIOUS GRANTS.</u>		FY 2023 -	\$670,000	(L)
			FY 2023 -	\$2,680,000	(5307)
			FY 2024 -	\$670,000	(L)
			FY 2024 -	\$2,746,000	(5307)
			FY 2025 -	\$704,000	(L)
			FY 2025 -	\$2,815,000	(5307)
				\$17,682,000	
* TG-4827	CHARLOTTE AREA TRANSIT SYSTEM, ROUTINE	ACQUISITION	FY 2020 -	\$46,000	(L)
MECKLENBURG	CAPITAL - SERVICE VEHICLE		FY 2020 -	\$183,000	(5307)
PROJ.CATEGORY	<u>MODIFYING THE FEDERAL FUNDS RECEIVED FROM</u>		FY 2021 -	\$137,000	(L)
	<u>FTA ADMINISTERED BY CATS BASED ON VARIOUS</u>		FY 2021 -	\$548,000	(5307)
	<u>GRANTS</u>		FY 2022 -	\$106,000	(L)
			FY 2022 -	\$424,000	(5307)
			FY 2023 -	\$78,000	(L)
			FY 2023 -	\$313,000	(5307)
		CAPITAL	FY 2024 -	\$82,000	(L)
			FY 2024 -	\$331,000	(5307)
			FY 2025 -	\$82,000	(L)
			FY 2025 -	\$331,000	(5307)
				\$2,661,000	

\* INDICATES FEDERAL AMENDMENT

Thursday, November 5, 2020

## REVISIONS TO THE 2020-2029 STIP

HIGHWAY PROGRAM  
STIP MODIFICATIONS

## DIVISION 10

* TG-5118A	CHARLOTTE AREA TRANSIT SYSTEM, STATE OF GOOD	CAPITAL	FY 2020 -	\$639,000	(L)
MECKLENBURG	REPAIR - RAIL		FY 2020 -	\$2,554,000	(5337)
PROJ.CATEGORY	<u>MODIFYING THE DESCRIPTION AT THE REQUEST OF</u>		FY 2021 -	\$1,577,000	(L)
	<u>THE MPO/CATS. MODIFYING THE FEDERAL FUNDS</u>		FY 2021 -	\$6,306,000	(5337)
	<u>RECEIVED FROM FTA ADMINISTERED BY CATS BASED</u>		FY 2022 -	\$667,000	(L)
	<u>ON VARIOUS GRANTS. FUNDING SOURCE OF FUND IS</u>		FY 2022 -	\$2,667,000	(5337)
	<u>5337</u>		FY 2023 -	\$687,000	(L)
			FY 2023 -	\$2,247,000	(5337)
			FY 2024 -	\$360,000	(S)
			FY 2024 -	\$360,000	(L)
			FY 2024 -	\$2,879,000	(5337)
			FY 2025 -	\$371,000	(S)
			FY 2025 -	\$371,000	(L)
			FY 2025 -	\$2,965,000	(5337)
			FY 2026 -	\$702,000	(S)
			FY 2026 -	\$702,000	(L)
			FY 2026 -	\$5,612,000	(5337)
			FY 2027 -	\$723,000	(S)
			FY 2027 -	\$723,000	(L)
			FY 2027 -	\$5,718,000	(5337)
			POST YR-	\$1,697,000	(S)
			POST YR-	\$1,697,000	(L)
			POST YR-	\$13,368,000	(5337)
				\$55,592,000	
* TG-5118B	CHARLOTTE AREA TRANSIT SYSTEM, LIGHT RAIL	CAPITAL	FY 2020 -	\$350,000	(L)
MECKLENBURG	VEHICLE OVERHAUL		FY 2020 -	\$1,401,000	(5307)
PROJ.CATEGORY	<u>MODIFYING THE FEDERAL FUNDS RECEIVED FROM</u>		FY 2021 -	\$603,000	(L)
	<u>FTA ADMINISTERED BY CATS BASED ON VARIOUS</u>		FY 2021 -	\$2,410,000	(5337)
	<u>GRANTS. FY 2021 FEDERAL FUNDING IS 5337. FY 2022-</u>		FY 2022 -	\$518,000	(L)
	<u>2024 FEDERAL FUNDING IS 5307</u>		FY 2022 -	\$2,070,000	(5307)
			FY 2023 -	\$565,000	(L)
			FY 2023 -	\$2,260,000	(5307)
			FY 2024 -	\$394,000	(L)
			FY 2024 -	\$1,577,000	(5307)
			FY 2025 -	\$406,000	(L)
			FY 2025 -	\$1,624,000	(5307)
				\$14,178,000	

\* INDICATES FEDERAL AMENDMENT

Thursday, November 5, 2020

## REVISIONS TO THE 2020-2029 STIP

HIGHWAY PROGRAM  
STIP MODIFICATIONS

## DIVISION 10

* TG-5119	CHARLOTTE AREA TRANSIT SYSTEM, PREVENTIVE	CAPITAL	FY 2020 -	\$1,851,000	(L)
MECKLENBURG	MAINTENANCE - RAIL, BUS AND FACILITIES		FY 2020 -	\$7,402,000	(5307)
PROJ.CATEGORY	<u>MODIFYING THE FEDERAL FUNDS RECEIVED FROM</u>		FY 2021 -	\$2,899,000	(L)
	<u>FTA ADMINISTERED BY CATS BASED ON VARIOUS</u>		FY 2021 -	\$11,596,000	(5307)
	<u>GRANTS.</u>		FY 2022 -	\$1,480,000	(L)
			FY 2022 -	\$5,918,000	(5307)
			FY 2023 -	\$1,525,000	(L)
			FY 2023 -	\$6,098,000	(5307)
			FY 2024 -	\$882,000	(L)
			FY 2024 -	\$3,528,000	(5307)
			FY 2025 -	\$882,000	(L)
			FY 2025 -	\$3,528,000	(5307)
				\$47,589,000	

## DIVISION 11

B-5825	NC 67, REPLACE BRIDGE 980035 OVER YADKIN RIVER.	CONSTRUCTION	FY 2021 -	\$4,800,000	(T)
YADKIN	<u>ACCELERATE CONSTRUCTION FROM FY 23 TO FY 21</u>		FY 2022 -	\$4,800,000	(T)
PROJ.CATEGORY	<u>AT THE REQUEST OF STRUCTURES MANAGEMENT</u>		FY 2023 -	\$4,800,000	(T)
REGIONAL	<u>UNIT.</u>			\$14,400,000	
* I-5829A	I-77, MILE MARKER 91 TO MILE MARKER 95. DIAMOND	CONSTRUCTION	FY 2022 -	\$1,750,000	(T)
SURRY	GRINDING.			\$1,750,000	
PROJ.CATEGORY	<u>ADD SEGMENT A NOT PREVIOUSLY PROGRAMMED AT</u>				
STATEWIDE	<u>THE REQUEST OF DIVISION.</u>				
I-5864	I-77, MILEMARKER 71.8 TO MILEMARKER 75.8.	CONSTRUCTION	FY 2026 -	\$2,037,000	(BGIM)
YADKIN	PAVEMENT REHABILITATION.		FY 2027 -	\$2,037,000	(BGIM)
PROJ.CATEGORY	<u>ACCELERATE CONSTRUCTION FROM FY 27 TO FY 26</u>			\$4,074,000	
STATEWIDE	<u>TO ALIGN WITH I-5865 FOR COMBINED LETTING.</u>				
R-5896	US 601, NC 67 TO (SR 1502/1503) COUNTRY CLUB	RIGHT-OF-WAY	FY 2029 -	\$200,000	(T)
YADKIN	ROAD. MODERNIZE ROADWAY AND IMPROVE SR 1134		POST YR-	\$1,800,000	(T)
PROJ.CATEGORY	(MACKIE ROAD) INTERSECTION.	UTILITIES	FY 2029 -	\$300,000	(T)
REGIONAL	<u>ACCELERATE UTILITES FROM POST YEAR TO FY 29</u>	CONSTRUCTION	POST YR-	\$2,100,000	(T)
	<u>TO ALIGN WITH RIGHT-OF-WAY SCHEDULE.</u>			\$4,400,000	

\* INDICATES FEDERAL AMENDMENT



## REVISIONS TO THE 2020-2029 STIP

HIGHWAY PROGRAM  
STIP MODIFICATIONS

## DIVISION 12

EB-5911 CATAWBA PROJ.CATEGORY DIVISION	OLD LENOIR ROAD MULTI-USE PATH, 9TH STREET NW TO HICKORY WATER PLANT. CONSTRUCT MULTI-USE PATH. <u>TO ASSIST IN BALANCING FUNDS, DELAY RIGHT-OF- WAY FROM FY 20 TO FY 21 AND CONSTRUCTION FROM FY 20 TO FY 21.</u>	RIGHT-OF-WAY  CONSTRUCTION	FY 2021 - \$964,000 (TAANY) FY 2021 - \$241,000 (L) FY 2021 - \$6,498,000 (TAANY) FY 2021 - <u>\$1,625,000</u> (L) \$9,328,000
EB-5937 CATAWBA PROJ.CATEGORY DIVISION	HICKORY, BOOK WALK. CONSTRUCT MULTI-USE PATH FROM CITY WALK TO RIDGEVIEW LIBRARY. <u>TO ASSIST IN BALANCING FUNDS, DELAY RIGHT-OF- WAY FROM FY 20 TO FY 21. ACCELERATE CONSTRUCTION FROM FY 22 TO FY 21 AT THE REQUEST OF MPO.</u>	RIGHT-OF-WAY  CONSTRUCTION	FY 2021 - \$180,000 (TADA) FY 2021 - \$45,000 (L) FY 2021 - \$1,500,000 (BGANY) FY 2021 - \$45,000 (BGDA) FY 2021 - <u>\$386,000</u> (L) \$2,156,000
EB-5938 CATAWBA PROJ.CATEGORY DIVISION	HICKORY, BOOK WALK SOUTH. CONSTRUCT MULTI- USE PATH FROM RIDGEVIEW LIBRARY TO WALMART. <u>TO ASSIST IN BALANCING FUNDS, DELAY RIGHT-OF- WAY FROM FY 20 TO FY 21. ACCELERATE CONSTRUCTION FROM FY 22 TO FY 21 AT THE REQUEST OF MPO.</u>	RIGHT-OF-WAY  CONSTRUCTION	FY 2021 - \$84,000 (TADA) FY 2021 - \$21,000 (L) FY 2021 - \$2,400,000 (BGANY) FY 2021 - \$116,000 (TADA) FY 2021 - <u>\$629,000</u> (L) \$3,250,000
EB-5977 CATAWBA PROJ.CATEGORY DIVISION	9TH STREET NW CONNECTOR, CITY WALK TO OLD LENOIR ROAD IN HICKORY. CONSTRUCT MULTI-USE TRAIL ALONG 9TH STREET NW. <u>TO ASSIST IN BALANCING FUNDS, DELAY RIGHT-OF- WAY FROM FY 20 TO FY 21 AND CONSTRUCTION FROM FY 20 TO FY 21.</u>	RIGHT-OF-WAY  CONSTRUCTION	FY 2021 - \$86,000 (BGDA) FY 2021 - \$22,000 (L) FY 2021 - \$1,168,000 (BGDA) FY 2021 - <u>\$292,000</u> (L) \$1,568,000

\* INDICATES FEDERAL AMENDMENT

## REVISIONS TO THE 2020-2029 STIP

HIGHWAY PROGRAM  
STIP MODIFICATIONS

## DIVISION 12

* I-3819B IREDELL PROJ.CATEGORY STATEWIDE	I-40/I-77, FINAL I-40/I-77 INTERCHANGE IMPROVEMENTS BUILD NC CON <u>PROJECT TO UTILIZE BUILD NC BONDS</u>		FY 2021 - \$8,707,000 (T)
			FY 2022 - \$8,707,000 (T)
			FY 2023 - \$8,707,000 (T)
			FY 2024 - \$8,707,000 (T)
			FY 2025 - \$8,707,000 (T)
			FY 2026 - \$8,707,000 (T)
			FY 2027 - \$8,707,000 (T)
			FY 2028 - \$8,707,000 (T)
			FY 2029 - \$8,707,000 (T)
			POST YR- \$52,242,000 (T)
		CONSTRUCTION	FY 2020 - \$22,963,000 (T)
			FY 2021 - \$22,963,000 (T)
			FY 2022 - \$22,963,000 (T)
			FY 2023 - \$22,964,000 (T)
			\$222,458,000

U-3608 GASTON PROJ.CATEGORY DIVISION	NC 7/SR 2903 (N MAIN STREET/BELMONT MT HOLLY ROAD), US 29/74 TO I-85. WIDEN TO CONSISTENT MULTI-LANE TYPICAL SECTION AND CONSTRUCT OPERATIONAL IMPROVEMENTS.	RIGHT-OF-WAY	FY 2024 - \$460,000 (T)
		UTILITIES	FY 2024 - \$55,000 (T)
		CONSTRUCTION	FY 2025 - \$2,300,000 (T)
			FY 2026 - \$2,300,000 (T)
			\$5,115,000
	<u>ACCELERATE RIGHT-OF-WAY FROM FY 25 TO FY 24 AND CONSTRUCTION FROM FY 26 TO FY 25 TO ALIGN SCHEDULE WITH I-5719 FOR COMBINED LETTING. CHANGE PROCUREMENT TO PROGRESSIVE DESIGN-BUILD.</u>		

U-5800 GASTON PROJ.CATEGORY REGIONAL	NC 7, INTERSECTION OF NC 7/US 74 AND NC 7/US 29. CONSTRUCT NORTHBOUND THROUGH LANE AND INTERSECTION IMPROVEMENTS.	RIGHT-OF-WAY	FY 2024 - \$1,430,000 (T)
			FY 2025 - \$1,430,000 (T)
		CONSTRUCTION	FY 2025 - \$2,000,000 (T)
			FY 2026 - \$2,000,000 (T)
			\$6,860,000
	<u>ACCELERATE RIGHT-OF-WAY FROM FY 25 TO FY 24 AND CONSTRUCTION FROM FY 26 TO FY 25 TO ALIGN SCHEDULE WITH I-5719 FOR COMBINED LETTING. CHANGE PROCUREMENT TO PROGRESSIVE DESIGN-BUILD.</u>		

## DIVISION 13

* B-5869 BURKE PROJ.CATEGORY REGIONAL	US 64 US 70, REPLACE BRIDGE 110099 OVER SOUTHERN RAILROAD.	RIGHT-OF-WAY	FY 2021 - \$3,167,000 (NHPB)
		CONSTRUCTION	FY 2022 - \$3,350,000 (NHPB)
			FY 2023 - \$3,350,000 (NHPB)
			\$9,867,000
	<u>ACCELERATE RIGHT-OF-WAY FROM FY 24 TO FY 21 AND CONSTRUCTION FROM FY 25 TO FY 22 AT THE REQUEST OF STRUCTURES MANAGEMENT UNIT.</u>		

\* INDICATES FEDERAL AMENDMENT

## REVISIONS TO THE 2020-2029 STIP

HIGHWAY PROGRAM  
STIP MODIFICATIONS

## DIVISION 13

EB-5807	MORGANTON, MORGANTON DOWNTOWN GREENWAY	CONSTRUCTION	FY 2021 -	\$1,000,000	(BGANY)
BURKE	CONNECTOR.		FY 2021 -	\$295,000	(BGDA)
<b>PROJ.CATEGORY</b>	<b><u>ACCELERATE CONSTRUCTION FROM FY 22 TO FY 21</u></b>		FY 2021 -	<u>\$324,000</u>	(L)
<b>DIVISION</b>	<b><u>AT THE REQUEST OF MPO.</u></b>			\$1,619,000	

I-5009	I-40, US 64 (BURKEMONT ROAD). IMPROVE	RIGHT-OF-WAY	FY 2029 -	\$10,000	(NHP)
BURKE	INTERCHANGE.		POST YR-	\$150,000	(NHP)
<b>PROJ.CATEGORY</b>	<b><u>TO ASSIST IN BALANCING FUNDS, DELAY</u></b>	CONSTRUCTION	POST YR-	\$990,000	(NHFP)
<b>REGIONAL</b>	<b><u>CONSTRUCTION FROM FY 29 TO POST YEAR.</u></b>		POST YR-	<u>\$10,000</u>	(NHP)
				\$1,160,000	

* TM-5138	ASHEVILLE RIDES TRANSIT, JARC OPERATIONS	OPERATIONS	FY 2020 -	\$399,000	(L)
BUNCOMBE	<b><u>FUNDING ADDED TO FY 20 AND FY 21 AT THE</u></b>		FY 2020 -	\$399,000	(3037)
<b>PROJ.CATEGORY</b>	<b><u>REQUEST OF FBR MPO.</u></b>		FY 2021 -	\$367,000	(L)
			FY 2021 -	<u>\$367,000</u>	(3037)
				\$1,532,000	

* TM-5163	ASHEVILLE RIDES TRANSIT, CITY OF ASHEVILLE	ADMINISTRATIVE	FY 2020 -	\$50,000	(L)
BUNCOMBE	ADMINISTRATIVE OVERSIGHT OF JARC PROJECTS IN		FY 2021 -	<u>\$52,000</u>	(L)
HAYWOOD	THE ASHEVILLE UAZ			\$102,000	
<b>PROJ.CATEGORY</b>	<b><u>FUNDING ADDED TO FY 20 AND FY 21 AT THE</u></b>				
	<b><u>REQUEST OF FBR MPO.</u></b>				

## DIVISION 14

B-3186	US 23/US 74, REPLACE BRIDGE 430155, AND BRIDGE	RIGHT-OF-WAY	FY 2021 -	\$800,000	(NHPB)
HAYWOOD	430158 OVER RICHLAND CREEK.	CONSTRUCTION	FY 2022 -	\$3,050,000	(NHPB)
<b>PROJ.CATEGORY</b>	<b><u>ACCELERATE RIGHT-OF-WAY FROM FY 22 TO FY 21</u></b>		FY 2023 -	<u>\$3,050,000</u>	(NHPB)
<b>STATEWIDE</b>	<b><u>AND CONSTRUCTION FROM FY 23 TO FY 22 AT THE</u></b>			\$6,900,000	
	<b><u>REQUEST OF STRUCTURES MANAGEMENT UNIT.</u></b>				

* B-5898	US 23 US 74, REPLACE BRIDGE 430168 OVER US 19	RIGHT-OF-WAY	FY 2021 -	\$150,000	(NHPB)
HAYWOOD	AND US 23.	CONSTRUCTION	FY 2022 -	\$1,550,000	(NHPB)
<b>PROJ.CATEGORY</b>	<b><u>ACCELERATE RIGHT-OF-WAY FROM FY 23 TO FY 21</u></b>		FY 2023 -	<u>\$1,550,000</u>	(NHPB)
<b>STATEWIDE</b>	<b><u>AND CONSTRUCTION FROM FY 24 TO FY 22 AT THE</u></b>			\$3,250,000	
	<b><u>REQUEST OF STRUCTURES MANAGEMENT UNIT.</u></b>				

\* INDICATES FEDERAL AMENDMENT

Thursday, November 5, 2020

## REVISIONS TO THE 2020-2029 STIP

HIGHWAY PROGRAM  
STIP MODIFICATIONS

## DIVISION 14

* B-5925	SR 1548 (OLD HIGHWAY 64), REPLACE BRIDGE 223	RIGHT-OF-WAY	FY 2023 -	\$260,000	(BGLT5)
CHEROKEE	OVER HIWASSEE RIVER.	CONSTRUCTION	FY 2024 -	\$2,600,000	(BGLT5)
<b>PROJ.CATEGORY</b>	<b><u>TO ASSIST IN BALANCING FUNDS, DELAY</u></b>			\$2,860,000	
DIVISION	<b><u>CONSTRUCTION FROM FY 22 TO FY 24.</u></b>				

* R-5734A	US 23/US 441, US 64 TO SR 1652 (WIDE HORIZON	ENGINEERING	FY 2021 -	\$154,000	(T)
MACON	DRIVE)/SR 1152 (BELDEN CIRCLE).		FY 2022 -	\$154,000	(T)
<b>PROJ.CATEGORY</b>	<b><u>PROJECT TO UTILIZE BUILD NC BONDS.</u></b>		FY 2023 -	\$154,000	(T)
DIVISION			FY 2024 -	\$154,000	(T)
			FY 2025 -	\$154,000	(T)
			FY 2026 -	\$154,000	(T)
			FY 2027 -	\$154,000	(T)
			FY 2028 -	\$154,000	(T)
			FY 2029 -	\$154,000	(T)
			POST YR-	\$924,000	(T)
		BUILD NC CON	FY 2021 -	\$755,000	(T)
			FY 2022 -	\$755,000	(T)
			FY 2023 -	\$755,000	(T)
			FY 2024 -	\$755,000	(T)
			FY 2025 -	\$755,000	(T)
			FY 2026 -	\$755,000	(T)
			FY 2027 -	\$755,000	(T)
			FY 2028 -	\$755,000	(T)
			FY 2029 -	\$755,000	(T)
			POST YR-	\$4,530,000	(T)
				\$13,635,000	

* TG-6788	ASHEVILLE RIDES TRANSIT, JARC CAPITAL FUNDING	CAPITAL	FY 2020 -	\$41,000	(L)
HAYWOOD	<b><u>FUNDING ADDED TO FY 20 AND FY 21 AT THE</u></b>		FY 2020 -	\$68,000	(3037)
<b>PROJ.CATEGORY</b>	<b><u>REQUEST OF FBR MPO.</u></b>		FY 2021 -	\$94,000	(3037)
				\$203,000	

* TM-5163	ASHEVILLE RIDES TRANSIT, CITY OF ASHEVILLE	ADMINISTRATIVE	FY 2020 -	\$50,000	(L)
BUNCOMBE	ADMINISTRATIVE OVERSIGHT OF JARC PROJECTS IN		FY 2021 -	\$52,000	(L)
HAYWOOD	THE ASHEVILLE UAZ			\$102,000	
<b>PROJ.CATEGORY</b>	<b><u>FUNDING ADDED TO FY 20 AND FY 21 AT THE</u></b>				
	<b><u>REQUEST OF FBR MPO.</u></b>				

\* INDICATES FEDERAL AMENDMENT

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## REVISIONS TO THE 2020-2029 STIP

HIGHWAY PROGRAM  
STIP DELETIONS

## DIVISION 9

* B-5006	NOVACK STREET, REPLACE BRIDGE 330285 OVER	CONSTRUCTION	FY 2022 -	\$1,600,000	(BGOFF)
FORSYTH	MILL CREEK IN WINSTON-SALEM.		FY 2022 -	\$400,000	(L)
PROJ.CATEGORY	<u>DELETE PROJECT AT REQUEST OF MPO. WORK TO BE</u>			\$2,000,000	
DIVISION	<u>ACCOMPLISHED WITH LOCAL FUNDING.</u>				

* U-6155	SR 1725 (UNIVERSITY PARKWAY), COLISEUM DRIVE IN	RIGHT-OF-WAY	FY 2020 -	\$25,000	(BGANY)
FORSYTH	WINSTON-SALEM. CONSTRUCT INTERSECTION		FY 2020 -	\$6,000	(L)
PROJ.CATEGORY	IMPROVEMENTS FOR PEDESTRIAN SAFETY.	CONSTRUCTION	FY 2021 -	\$45,000	(HSIP)
DIVISION	<u>DELETE PROJECT AT REQUEST OF MPO. WORK TO BE</u>		FY 2021 -	\$65,000	(BGANY)
	<u>ACCOMPLISHED WITH LOCAL FUNDING.</u>		FY 2021 -	\$65,000	(L)
				\$206,000	

ITEM N SUMMARY

ADDITION S	17	PROJECTS	\$366,035,000
MODIFICATION S	52	PROJECTS	
DELETION S	2	PROJECTS	\$2,206,000
	71	PROJECTS	\$363,829,000

NCDOT November 5, 2020 Board of Transportation Agenda  
Municipal and Special Agreements

SUMMARY: There are a total of 11 agreements for approval by the Board of Transportation

Division 1

City of Elizabeth City  
Pasquotank County  
B-6053  
48754.1.1  
48754.2.1  
48754.3.1  
9512

This Project consists of replacement of Municipal Bridge No. 34 over Knobbs Creek on Providence Road in Elizabeth City. This supplemental agreement is to increase funding. The Department shall reimburse 80% of approved eligible expenses up to a new maximum amount of \$1,140,080. The Municipality shall be responsible for the 20% non-federal match of \$285,020 and all costs that exceed the new total estimated cost of \$1,425,100.

Division 3

New Hanover County  
EB-6027  
48748.1.1  
9506

This Project consists of construction of a multi-use path along Middle Sound Loop Road and Lendire Road to Ogden Business Lane in New Hanover County. This supplemental agreement is to reduce the scope of the project. At the request of the County, the Department shall incorporate the design and construction of the northern portion of the Middle Sound-Loop Trail into the Department's U-4751 Project. The Municipality shall complete the segment of trail along the southern portion of the trail.

Division 7

Town of Carrboro  
Orange County  
C-5181  
46289.1.1  
46289.2.1  
46289.3.2  
9531

This Project consists of construction of a 100-foot bridge and a paved trail to fill the gap between the Upper Bolin Trail and the Twin Creeks Greenway. This supplemental agreement is to increase funding. The Department shall participate up to a new maximum amount of \$680,200 (80%) in CMAQ funds. The Municipality will provide a non-federal match of \$170,050 and all costs that exceed the new total estimated cost of \$850,250.

Division 9

City of Winston-Salem  
Forsyth County  
U-2827B  
C-5620A  
34872.3.4  
9524

This Project consists of replacing 10 bridges on US 158/US 421/NC 150/Business 40, west of 4<sup>th</sup> Street to east of Church Street in Winston-Salem. This supplemental agreement is to expand the scope to include additional work, designate additional maintenance responsibilities and increase municipal funding for the Project. The Municipality will fund 100% of the additional Betterments. The total lump sum cost to the Municipality is \$6,649,347.

NCDOT November 5, 2020 Board of Transportation Agenda  
Municipal and Special Agreements

Division 10

City of Charlotte  
Mecklenburg County  
SS-6010B  
48892.1.1  
48892.2.1  
48892.3.1  
9520

This Project consists of the construction of a traffic half-signal at the intersection of US 29/74 (Wilkinson Boulevard) and Donald Ross Road in Charlotte. The Municipality is responsible for the project. The Department shall participate in the actual costs of the project up to \$90,900. The estimated cost of the project is \$90,900.

City of Charlotte  
Mecklenburg County  
SS-4910DO  
48487.1.1  
48487.2.1  
48487.3.1  
9521

This Project consists of the installation of a traffic signal at the intersection of US 29/NC 49 (North Tryon Street) and Bennett Street. The Municipality is responsible for the project. The Department shall participate in the actual costs of the project up to \$136,000. The estimated cost of the project is \$136,000.

Charlotte Water  
Mecklenburg County  
I-5507  
43609.1.1  
43609.3.2  
9500

This Design-Build Project consists of adding one express lane in each direction of I-485 from I-77 south of Charlotte to US 74 (Independence Boulevard). At the request of the Municipality, the Department shall prepare the design plans for the improvements on John Street and the adjustment and/or relocations of water and sewer lines on Elm Lane within the I-5507 Project. The estimated cost to the Municipality is \$855,761.70.

Division 13

Buncombe County  
EB-5824  
44986.1.1  
44986.3.1  
9328

This Project consists of the design of a greenway section from the intersection of Enka Lake Road and Sandhill Road to immediately south of the intersection of Warren Hayes Drive and Sand Hill Road. The County is responsible for the project. This supplemental agreement is to increase total funding from \$400,000 to \$6,400,000. The Department will participate in 80% of the additional eligible expenses up to \$4,800,000. The Municipality shall provide a 20% non-federal match of \$1,200,000 and all costs that exceed the total available funding of \$6,400,000. This Agreement supersedes the item that was approved by the BOT on May 7, 2020.

NCDOT November 5, 2020 Board of Transportation Agenda  
Municipal and Special Agreements

Division 13, cont.

McDowell County  
R-5964  
48925.3.1  
9505

This Project consists of construction of two (2) new access roads (Solutions Drive and Impact Drive) that will connect to SR 1819 (College Drive) in McDowell County. The Department will perform the work and maintain upon completion. The County shall participate in all costs that exceed the Department's funding of \$600,000.

Buncombe County  
U-6251  
49281.3.1  
9515

This Project consists of improvements of approximately 0.20 miles of industrial access for a new Manufacturing Facility at the Enka Commerce Park in the Enka/Candler area of Buncombe County. The Department will perform the work and participate in the cost of the project up to \$2,200,000 in federal and state funds. The County shall provide \$1,034,753 in local participation and all costs that exceed the total available funding of \$3,234,753.

Division 14

Henderson County  
U-5887  
44634.3.1  
9514

This Project consists of improvements on SR 1783 (Highland Lake Road) from NC 225 to US 176 in Henderson County. At the request of the County, the Department shall include the construction of pedestrian facilities in its construction contract. The County shall participate in 50% of the actual costs of the pedestrian facilities. The estimated cost to the County is \$24,317.



NCDOT November 5, 2020 Board of Transportation Agenda  
Municipal and Special Agreements

SUMMARY: There are a total of 12 agreements for informational purposes only

Division 3

Hawthorne at Pine Forest  
Apartments, LLC  
Brunswick County  
R-5021  
41582.1.1  
41582.3.1  
9503

This Project consists of improvements on NC 211 from SR 1500 (Midway Road) to NC 87. At the request of the Developer, the Department shall include construction of a right turn deceleration turn lane in conjunction with the R-5021 Project. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$121,323.00.

Town of Roseboro  
Sampson County  
R-2303C(L)  
34416.3.14  
9518

This Project consists of landscape enhancements including plantings and gateway signage along NC 24 from SR 1404 (Dowdy Road) to SR 1303 (Mitchell Loop Road). The Department will perform the work. The Municipality shall maintain the landscaping improvements after a one-year establishment period.

Town of Navassa  
Brunswick County  
R-2633BA(L)  
34491.3.24  
9517

This Project consists of landscape enhancements along I-140 at the Mt. Misery Interchange (SR 1426) and at the Cedar Hill Interchange (SR 1430). The Department will perform the work. The Municipality shall maintain the landscaping improvements after a one-year establishment period.

Division 5

Bainbridge Acquisitions III, LLC  
Wake County  
36249.4219  
9513

This Project consists of a signal upgrade on NC 54/SR 3073 (NW Maynard Road) at NC 54 /SR 3081 (Chapel Hill Boulevard). The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% of the cost of the work. The estimated reimbursement is \$5,000.

Division 7

Wilson-Covington Construction  
Company  
Guilford County  
36249.4212  
9527

This Project consists of the relocation of pole, span wire and guy wire for the signal at the intersection of NC 65 and Ellisboro Road in Stokesdale. The Developer shall reimburse the Department 100% of the cost of the work. The estimated reimbursement is \$3,500.

NCDOT November 5, 2020 Board of Transportation Agenda  
Municipal and Special Agreements

Division 8

Town of Broadway  
Lee County  
36249.4217  
9507

This Project consists of placing 4" white paint pavement markings on SR 1579 (S. Main Street) to assist with on-street parking. The Municipality shall reimburse the Department 100% of the cost of the work. The estimated reimbursement is \$1,400.

Division 9

Rowan County  
36249.4223  
9528

This Project consists of the fabrication and installation of new "Welcome To" signs on I-85 in Rowan County. The County shall reimburse the Department 100% of the cost of the work. The estimated reimbursement is \$2,400.

Division 10

UNC Charlotte  
Mecklenburg County  
44829  
9522

This Project consists of improvements on John Kirk Drive from University Boulevard (NC 49) to East Mallard Creek Church Road (SR 5394). This supplemental agreement is to extend the completion date of the project and modify the funding provision. UNC Charlotte shall complete the project by December 31, 2022.

Town of Stallings  
Union County  
36249.4221  
9519

This Project consists of the installation of a new Pedestrian Hybrid Beacon signal located along SR 1524 (Stevens Mill Road). The Department will review the traffic signal plans and inspect the traffic signal installation. The Municipality shall reimburse the Department 100% for the work. The estimated reimbursement is \$6,000.

Division 12

Hawthorne-Midway Waterlynn,  
LLC  
Iredell County  
36249.4216  
9502

This Project consists of traffic signal modifications at the intersection of US 21 (Charlotte Highway) at SR 1245 (Medical Park Road/Gateway Boulevard). 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 November 5, 2020 Board of Transportation Agenda  
Municipal and Special Agreements

Division 13

SKS Partners, LLC  
Buncombe County  
36249.4218  
9508

This Project consists of review and inspection for the revision of Traffic Signal No. 13-0451 on the I-40 Eastbound Exit 44 off-ramp at the intersection with US 19-23 (Smokey Park Highway). 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.

Bald Headed Builders, Inc.  
Buncombe County  
36249.4222  
9526

This Project consists of the review and inspection of an actuated flasher system that will provide advance warning to motorists on SR 2806 (Garren Creek Road) prior to Clear View Subdivision Development Road for site address 36 Ted Linn Drive in Fairview. 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 November 2020 Board of Transportation Agenda

### Municipal Street System Changes for Powell Bill Program

#### Deletion from the State Highway System

Division	County	Municipality	Road	Termini	Length
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9	Forsyth	City of Winston-Salem	SR 4033; Research Parkway	To delete from Rams Drive to Third Street	0.72
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**File Name:** FORSYTH\_2020\_11\_M001

10	Mecklenburg	City of Charlotte	SR 1641; Old Little Rock Road	To delete from NC 27 to Flintrock Road	0.52
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**File Name:** MECKLENBURG\_2020\_11\_M001

**Total Miles = 1.24**

# **NCDOT November 2020 Board of Transportation Agenda Municipal Street System Changes for Powell Bill Program**

**Retroactive Correction NCDOT from August 2020 Board of Transportation  
Agenda Approval of Municipal Street System Changes  
Deletion from the State Highway System**

<b>Division</b>	<b>County</b>	<b>Municipality</b>	<b>Road</b>	<b>Termini</b>	<b>Length</b>
5	Wake	City of Raleigh	SR 5282; Anderson Point Drive (Correction to the SR number)	From SR 2625 (Robbins Drive) to 0.01 miles South of Gilman Lane	0.23

**File Name:** WAKE\_2020\_08\_M002

**Total Miles = 0.23**

**NCDOT November 2020 Board of Transportation Agenda**

<b><u>No.</u></b>		<b><u>Enacted Page No.</u></b>
<b>1</b>	<b>Final Right of Way Plans</b>	<b>R-1</b>
<b>2</b>	<b>Conveyance ROW Residue by Real Estate Agent and or Auctioneer</b>	<b>R-2 – R-9</b>
<b>3</b>	<b>Approval of Conveyance of Highway Right of Way Residues</b>	<b>R-10</b>
<b>4</b>	<b>Approval of Conveyance of Surplus Right of Way</b>	<b>R-11</b>
<b>5</b>	<b>Approval of Conveyance of Highway ROW Residues as Part-Settlement of a Condemnation Claim</b>	<b>R-12</b>

**Final Right of Way Plans**

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

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

**(Division 1)**

**Northampton County; I.D. No. BR-0117; Project No. 48826.2.1:**

Bridge No. 52 over Gumberry Swamp on SR 1313 (Hargraves Road).

**(Division 2)**

**Pitt County; I.D. No. BR-0120; Project No. 48829.2.1:**

Bridge No. 123 over Meadow Branch on SR 1552 (Tucker Bullock Road).

**(Division 3)**

**Sampson County; I.D. No. BR-0121; Project No. 48830.2.1:**

Bridge No. 178 over Sevenmile Swamp on SR 1804 (Houses Mill Road).

**(Division 4)**

**Edgecombe County; I.D. No. BR-0111; Project No. 48820.2.1:**

Bridge No.'s 3, 4 & 5 over Swift Creek on SR 1404 (Seven Bridges Road).

**(Division 11)**

**Yadkin County; I.D. No. BR-0127; Project No. 48836.2.1:**

Bridge No. 980189 on SR 1325 (Mountain View Church Road) over UT of South Deep Creek.

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

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 R-1014A, Parcel 053A, NC 32**

**Beaufort County**

Conveyance of an approximate 0.300-acre area comprised of one (1) B-class residue having a value of \$2,500 to **Robert Whitely Jr. Family Partnership - C** for the highest bid amount of **\$4,000**; total commission N/A BUYERS PREMIUM.

**Project R-1014A, Parcel 053B, NC 32**

**Beaufort County**

Conveyance of an approximate 0.330-acre area comprised of one (1) B-class residue having a value of \$2,500 to **East Coast Shipping NC, LLC** for the highest bid amount of **\$4,000**; total commission N/A BUYERS PREMIUM.

**Project R-2510A, Parcel 062A, US 17**

**Beaufort County**

Conveyance of an approximate 0.320-acre area comprised of one (1) landlocked C-class residue having a value of \$1,000 to **Roy Clark** for the highest bid amount of **\$1,200**; total commission N/A BUYERS PREMIUM.

**Project R-2510A, Parcel 062B, US 17**

**Beaufort County**

Conveyance of an approximate 0.320-acre area comprised of one (1) landlocked C-class residue having a value of \$800 to **Janice Carrow Buck** for the highest bid amount of **\$950**; total commission N/A BUYERS PREMIUM.

**Project U-2226, Parcel 025, SR 1738 Bridges St. Ext.**

**Carteret County**

Conveyance of an approximate 0.080-acre area of one (1) C-class residue having a value of \$2,000 to **Kimberly Elliott and Dallas M. Smith** for the highest bid amount of **\$2,000**; total commission N/A BUYERS PREMIUM.

**Project N/A, Parcel N/A, US 17**

**Craven County**

Conveyance of an approximate 0.020-acre area comprised of one (1) C-class residue having a value of \$250 to **Virginia G. Holland** for the highest bid amount of **\$325**; total commission N/A BUYERS PREMIUM.

**Project B-4127, Parcel 008, SR 1438 Bridge 43 over Rainbow Creek**

**Green County**

Conveyance of an approximate 1.170-acre area comprised of one (1) B-class residue having a value of \$100 to **Dawn Nelligan** for the highest bid amount of **\$125**; total commission N/A BUYERS PREMIUM.



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

**Auctioneer (Continued)**

**(Division 2) (Continued)**

**Project R-2719BA, Parcel 016A, SR 1667 Crescent Rd.**

**Lenoir County**

Conveyance of an approximate 2.180-acre area comprised of one (1) B-class residue having a value of \$7,500 to **NOVAPROP** for the highest bid amount of **\$13,500**; total commission N/A BUYERS PREMIUM.

**Project R-2719BA, Parcel 008A, SR 1667 Crescent Rd.**

**Lenoir County**

Conveyance of an approximate 0.120-acre area comprised of one (1) C-class residue having a value of \$200 to **Rouse Brothers Holdings, LLC** for the highest bid amount of **\$400**; total commission N/A BUYERS PREMIUM.

**Project R-2719BA, Parcel 011A, SR 1667 Crescent Rd.**

**Lenoir County**

Conveyance of an approximate 2.160-acre area comprised of one (1) B-class residue having a value of \$5,000 to **Rouse Brothers Holdings, LLC** for the highest bid amount of **\$7,150**; total commission N/A BUYERS PREMIUM.

**Project R-2719BA, Parcel 009, SR 1667 Crescent Rd.**

**Lenoir County**

Conveyance of an approximate 0.230-acre area comprised of one (1) B-class residue having a value of \$200 to **Rouse Brothers Holdings, LLC** for the highest bid amount of **\$200**; total commission N/A BUYERS PREMIUM.

**Project R-2719BA, Parcel 010, SR 1667 Crescent Rd.**

**Lenoir County**

Conveyance of an approximate 0.040-acre area comprised of one (1) C-class residue having a value of \$200 to **Rouse Brothers Holdings, LLC** for the highest bid amount of **\$325**; total commission N/A BUYERS PREMIUM.

**Project R-2719BA, Parcel 011B, SR 1667 Crescent Rd.**

**Lenoir County**

Conveyance of an approximate 0.240-acre area comprised of one (1) C-class residue having a value of \$500 to **Rouse Brothers Holdings, LLC** for the highest bid amount of **\$2,500**; total commission N/A BUYERS PREMIUM.

**Project 8.12591, Parcel N/A, NC 11**

**Lenoir County**

Conveyance of an approximate 0.070-acre area comprised of one (1) C-class residue having a value of \$250 to **Pirate Ventures, LLC** for the highest bid amount of **\$800**; total commission N/A BUYERS PREMIUM.

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

**Auctioneer (Continued)**

**(Division 2) (Continued)**

**Project R-2001A, Parcel 039, SR 1194 Rosewood Dr.**

**Lenoir County**

Conveyance of an approximate 2.900-acre area comprised of one (1) B-class residue having a value of \$1,500 to **Pirate Ventures, LLC** for the highest bid amount of **\$1,600**; total commission N/A BUYERS PREMIUM.

**Project R-2719BA, Parcel 008B, SR 1667 Crescent Rd.**

**Lenoir County**

Conveyance of an approximate 2.080-acre area comprised of one (1) B-class residue having a value of \$1,000 to **Northgate Homes, LLC** for the highest bid amount of **\$1,051**; total commission N/A BUYERS PREMIUM.

**Project R-2539A, Parcel 033, NC 55**

**Pamlico County**

Conveyance of an approximate 0.170-acre area comprised of one (1) C-class residue having a value of \$1,000 to **Colonial Capital Plumbing & Septic, LLC** for the highest bid amount of **\$1,100**; total commission N/A BUYERS PREMIUM.

**Project R-0218A, Parcel 035, US 13/NC 11**

**Pitt County**

Conveyance of an approximate 0.070-acre area comprised of one (1) C-class residue having a value of \$150 to **Pirate Ventures, LLC** for the highest bid amount of **\$700**; total commission N/A BUYERS PREMIUM.

**Project R-0218A, Parcel 032A, US 13/NC 11**

**Pitt County**

Conveyance of an approximate 0.010-acre area comprised of one (1) C-class residue having a value of \$100 to **Pirate Ventures, LLC** for the highest bid amount of **\$275**; total commission N/A BUYERS PREMIUM.

**Project 8.1230101, Parcel 053, US 264**

**Pitt County**

Conveyance of an approximate 4.030-acre area comprised of one (1) landlocked B-class residue having a value of \$1,000 to **Aliou Dia** for the highest bid amount of **\$900**; total commission N/A BUYERS PREMIUM.

**Project R-0218A, Parcel 039, US 13/NC 11**

**Pitt County**

Conveyance of an approximate 0.270-acre area comprised of one (1) C-class residue having a value of \$500 to **Richard M. Pappas** for the highest bid amount of **\$2,800**; total commission N/A BUYERS PREMIUM.

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

**Auctioneer (Continued)**

**(Division 2) (Continued)**

**Project R-0218A, Parcel 036, US 13/NC 11**

**Pitt County**

Conveyance of an approximate 0.230-acre area comprised of one (1) C-class residue having a value of \$250 to **Richard M. Pappas** for the highest bid amount of **\$2,800**; total commission N/A BUYERS PREMIUM.

**Project R-0218B, Parcel 031, US 13/NC 11**

**Pitt County**

Conveyance of an approximate 0.070-acre area comprised of one (1) C-class residue having a value of \$150 to **Northgate Homes, LLC** for the highest bid amount of **\$125**; total commission N/A BUYERS PREMIUM.

**(Division 3)**

**Project X-0003BC, Parcel 117, I-40**

**Duplin County**

Conveyance of an approximate 0.190-acre area comprised of one (1) B-class residue, having a value of \$1,000 to **Frank Spain, Jr.** for the highest bid amount of **\$1,000**; total commission \$250

**(Division 4)**

**Project R-1030D, Parcel 007, US 117**

**Wilson County**

Conveyance of an approximate 1.420-acre area comprised of one (1) A-class residue, having a value of \$6,100 to **Rome West Properties, LLC** for the highest bid amount of **\$5,550**; total commission N/A BUYERS PREMIUM.

**(Division 5)**

**Project 8.14156, Parcel N/A, I- 85**

**Durham County**

Conveyance of an approximate 0.240-acre area comprised of one (1) A-class residue, having a value of \$12,725 to **Jaleel Evans** for the highest offer amount of **\$12,725**; total commission \$2,500.

**Project U-4763B, Parcel 049, NC 147**

**Durham County**

Conveyance of an approximate 1.590-acre area comprised of one (1) landlocked B-class residue, having a value of \$69,350 to **Radu Atri** for the highest offer amount of **\$69,000**; total commission \$6,900.

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

**Auctioneer (Continued)**

**(Division 5) (Continued)**

**Project U-0071, Parcel N/A, I-85**

**Durham County**

Conveyance of an approximate 0.300-acre area comprised of one (1) landlocked B-class residue, having a value of \$3,800 to **Pro Star Investments, LLC** for the highest offer amount of **\$3,800**; total commission \$2,500.

**(Division 6)**

**Project U-0620, Parcel 097, SR 1141 Bingham Dr.**

**Cumberland County**

Conveyance of an approximate 0.160-acre area comprised of two (2) landlocked C-class residues, having a value of \$100 to **Ronnie Deshaun McDougald** for the highest bid amount of **\$160**; total commission N/A BUYERS PREMIUM.

**(Division 7)**

**Project U-3303A, Parcel 076, SR 1306/SR 1363 Mebane St.**

**Alamance County**

Conveyance of an approximate 0.170-acre area comprised of one (1) A-class residue, having a value of \$20,875 to **I-85 Plaza, LLC** for the highest offer amount of **\$19,000**; total commission \$3,000.

**Project U-3303A, Parcel 071-072, SR 1306/SR 1363 Mebane St.**

**Alamance County**

Conveyance of an approximate 0.340-acre area comprised of one (1) A-class residue, having a value of \$16,000 to **Mark Lindsay** for the highest offer amount of **\$16,065**; total commission \$3,000.

**Project P-5204, Parcel 020, SR 2918 McLeansville Rd.**

**Guilford County**

Conveyance of an approximate 3.890-acre area comprised of one (1) A-class residue, having a value of \$34,250 to **Sammie Rawlison III** for the highest offer amount of **\$32,000**; total commission \$3,200.

**Project U-3306, Parcel 087, SR 1733 Weaver Dairy Rd.**

**Orange County**

Conveyance of an approximate 0.520-acre area comprised of one (1) A-class residue, having a value of \$170,000 to **Hamid Alvand** for the highest offer amount of **\$153,000**; total commission \$15,300.

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

**Auctioneer (Continued)**

**(Division 8)**

**Project R-2218A, Parcel 042, US 64**

**Chatham County**

Conveyance of an approximate 0.110-acre area comprised of one (1) landlocked C-class residue, having a value of \$825 to **Charlton Eason and Betty Eason** for the highest offer amount of **\$825**; total commission \$500.

**Project R-0210C, Parcel 011, US 1**

**Lee County**

Conveyance of an approximate 0.040-acre area comprised of one (1) C-class residue, having a value of \$300 to **Kevin Lynn Blackwelder** for the highest offer amount of **\$751**; total commission \$500.

**Project R-2606A, Parcel 014, US 74**

**Randolph County**

Conveyance of an approximate 0.080-acre area comprised of one (1) C-class residue, having a value of \$600 to **Charlton Eason and Betty Eason** for the highest offer amount of **\$750**; total commission \$500.

**(Division 9)**

**Project 8.2830701, Parcel 012, NC 67**

**Forsyth County**

Conveyance of an approximate 0.620-acre area comprised of one (1) B-class residue, having a value of \$1,500 to **Christian Gruner** for the highest bid amount of **\$19,100**; total commission N/A BUYERS PREMIUM.

**Project I-0900AC, Parcel 205, I-40**

**Forsyth County**

Conveyance of an approximate 0.180-acre area comprised of one (1) A-class residue, having a value of \$1,900 to **Christian Gruner** for the highest bid amount of **\$2,900**; total commission N/A BUYERS PREMIUM.

**Project R-2911C, Parcel 037, US 70**

**Rowan County**

Conveyance of an approximate 0.770-acre area comprised of one (1) A-class residue, having a value of \$9,000 to **Christian Gruner** for the highest bid amount of **\$9,000**; total commission N/A BUYERS PREMIUM.

**Project I-2511BB, Parcel 189, I-85**

**Rowan County**

Conveyance of an approximate 6.450-acre area comprised of one (1) A-class and one (1) landlocked B-class residues, having a value of \$17,750 to **Christian Gruner** the highest bid amount of **\$55,050**; total commission N/A BUYERS PREMIUM.

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

**Auctioneer (Continued)**

**(Division 9) (Continued)**

**Project I-2511BB, Parcel 162A, I-85**

**Rowan County**

Conveyance of an approximate 0.507-acre area comprised of one (1) A-class residue, having a value of \$11,000 to **Christian Gruner** the highest bid amount of **\$12,000**; total commission N/A BUYERS PREMIUM.

**(Division 11)**

**Project R-2239C, Parcel 218 US 421**

**Wilkes County**

Conveyance of an approximate 4.290-acre area comprised of one (1) A-class residue, having a value of \$15,650 to **Dale B. Stone** for the highest bid amount of **\$21,307**; total commission N/A BUYERS PREMIUM.

**(Division 12)**

**Project U-2404A, Parcels 053, 053A & 054, NC 16**

**Catawba County**

Conveyance of an approximate 2.250-acre area comprised of two (2) B-class and one (1) C-class residues, having a value of \$1,500 to **City of Newton** for the highest offer amount of **\$1,690**; total commission \$3,000.

**Project U-0215B, Parcels 051 & 052, NC 274**

**Gaston County**

Conveyance of an approximate 0.960-acre area comprised of two (2) landlocked B-class residues, having a value of \$1,600 to **Frank Curtis Howe, John Richard Howe, Jamie Michael Howe & Laura Lee Howe** for the highest offer amount of **\$1,600**; total commission \$2,000.

**Project U-2408, Parcel N/A, NC 274**

**Gaston County**

Conveyance of an approximate 0.290-acre area comprised of one (1) A-class residue, having a value of \$6,000 to **Jerry R. Digh and Mary F. Digh** for the highest offer amount of **\$5,400**; total commission \$1,000.

**Project B-2576, Parcels 003, 003A & 004, Bridge 514 over Southern RR & Norfolk Southern RR**

**Iredell County**

Conveyance of an approximate 0.150-acre area comprised of three (3) A-class residues, having a value of \$5,500 to **Iredell Statesville Community Enrichment Corporation** for the highest offer amount of **\$5,000**; total commission \$3,000.

**Approval of Conveyance of Highway Right of Way Residues by Real Estate Agent and/or Auctioneer (Continued)**

**(Division 14)**

**Project R-0977, Parcel 038, US 64  
Cherokee County**

Conveyance of an approximate 0.870-acre area comprised of one (1) landlocked B-class residue, having a value of \$500 to **Samuel Johnson** for the highest bid amount of **\$500**; total commission N/A BUYERS PREMIUM.

**Project 8.19444, Parcel N/A, US 19  
Haywood County**

Conveyance of an approximate 1.240-acre area comprised of four (4) landlocked B-class residues, having a value of \$4,000 to **John Everett Herrin, Sr.** for the highest bid amount of **\$4,004**; total commission N/A BUYERS PREMIUM

**Project R-2224, Parcel 033A & 033B, NC 209  
Haywood County**

Conveyance of an approximate 1.130-acre area comprised of two (2) landlocked B-class residue, having a value of \$2,000 to **James Thompson** for the highest bid amount of **\$7,600**; total commission N/A BUYERS PREMIUM

**Project B-3474, Parcel 003, Bridge 59 over US 74A  
Henderson County**

Conveyance of an approximate 0.210-acre area comprised of one (1) landlocked B-class residue, having a value of \$150 to **Richard Amatriain** for the highest bid amount of **\$200**; total commission N/A BUYERS PREMIUM

**Project R-4064, Parcel 009, US 321A  
Macon County**

Conveyance of an approximate 0.130-acre area comprised of one (1) landlocked B-class residue, having a value of \$500 to **Lazaro Ramirez Perez** for the highest bid amount of **\$2,500**; total commission N/A BUYERS PREMIUM

**Project R-0099BB, Parcel 004, US 74  
Polk County**

Conveyance of an approximate 0.210-acre area comprised of one (1) landlocked B-class residue, having a value of \$250 to **Ryan Tabor** for the highest bid amount of **\$325**; total commission N/A BUYERS PREMIUM

**Project 8.1992301, Parcel 016, SR 1344 Cashiers Valley Rd.  
Transylvania County**

Conveyance of an approximate 0.150-acre area comprised of one (1) B-class residue, having a value of \$250 to **Lexington Investment Properties, LLC** for the highest bid amount of **\$300**; total commission N/A BUYERS PREMIUM

**CONVEYANCE ROW RESIDUE BY AGENT/AUCTIONEER 53 PROJECT(S) \$ 511,928.00**

**Approval of Conveyance of Highway Right of Way Residues**

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

**(Division 4)****Project 50056.2.1, TIP No. W-5600; US 70 Bypass****Johnston County**

The Department acquired residual tracts totaling 1.449 acre and having a value of \$19,525 from Shelia Jones (Divorced) (W-5600 032) and Jerry B. Baker A/W Tiffany A. Baker (W-5600 033) along US 70 Bypass, Johnston County. Duke Energy Progress has an existing 230 KV Line that the Department needs to be moved. Duke Energy Progress has requested the Department convey the subject residual tracts to it as the replacement location of the 230 KV Line. Since this is a reimbursable project according to the URA, the Department has determined the best use for the residual tract is for the replacement site for the 230 KV Line. This is to request authority for Manager of Right of Way Unit to execute the appropriate instrument.

**(Division 7)****Project 34483.2.3, Parcel R-2612B 035, US 421 at SR 3418 (Neeley Road)****Guilford County**

Conveyance of approximately 0.248 acre residue to Devin Kissel, the only interested adjacent owner, for the appraised value of **\$600**.

**(Division 10)****Project 8.1654801, Parcel 625, I-277 7<sup>th</sup> to 10<sup>th</sup> Street Greenway Project, City of Charlotte****Mecklenburg County**

Conveyance of an approximate 0.02-acre residue to City of Charlotte for use in their 7<sup>th</sup> to 10<sup>th</sup> Street Greenway Project for no consideration. If this 0.02 acre residue is not used for the 7<sup>th</sup> to 10<sup>th</sup> Street Greenway Project, the City of Charlotte will reconvey the 0.02 acre residue to the Department at their own expense.



**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 13)**

**Project No. 8.18553; I.D. No. N/A; US 19E, in Town of Spruce Pine  
Mitchell County**

Disposal of approximately 0.114 acre surplus right of way to Barry Hall for the enhancement value of **\$7,975**.

**Approval of Conveyance of Highway Right of Way Residues as Part-Settlement of a  
Condemnation Claim.**

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 No. 34531.2.1; I.D. No. R-3324; NC 211**

**Brunswick County**

Conveyance of approximately 0.600 acre area to Gateway Hospitality Southport, LLC,  
as additional consideration for the part of the settlement of its highway right of way claim  
with the Department.

APPROVAL OF HIGHWAY ROW RESIDUE AS PART SETTLEMENT ON CONDEMNATION CLAIM 1 PROJECT(S) \$ 0.00

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**R-ITEM SUMMARY 63 PROJECT(S) TOTAL: \$520,503.00**

**NORTH CAROLINA BOARD OF TRANSPORTATION  
RECOMMENDED ALLOCATION OF HIGHWAY MAINTENANCE APPROPRIATIONS  
FISCAL YEAR 2020 - 2021**

There will be no Maintenance Allocation submitted to the Board for approval at the November 2020 Board meeting.

ITEM T-1

There are no Comprehensive Transportation Plans to be presented for approval at the November 5, 2020 Board of Transportation Meeting.

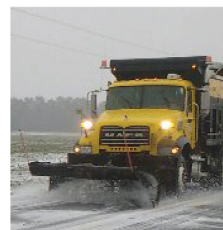
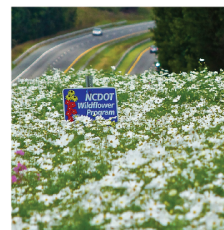
NORTH CAROLINA BOARD OF TRANSPORTATION

There will be no Item V submitted to the  
Board for approval at the  
November 5, 2020 Board meeting.



# **NORTH CAROLINA**

## Department of Transportation



**North Carolina Department of Transportation Approved Spend Plan 2021 & 2022**

## Key Points Pertinent to the NCDOT FY21 - FY22 Spend Plan

The FY21 and FY22 Spend Plan was approved by the Board of Transportation (BOT) and the Office of State Budget & Management (OSBM) October 8, 2020 and October 6, 2020, respectively. The attached information illustrates the cash impact of business unit spend plans in a format that can be used to determine how much of the budget will be spent (cash outlay) in the respective fiscal year. Revenues were based on a consensus revenue forecast in May 2020 with current period revenues reflected. Expenditures are forecasted (in some cases month to month by business areas) to better measure the need for cash to support expenditures.

DOT has also included a Budget and Spend Plan spreadsheet to track expenses against the approved plan.

Lastly, the 24 Month Forecast document depicts cash impacts to the spend plans within statutory parameters. This will be evaluated monthly to depict actual revenue collections and expenses incurred for the period. Items of concern will be reported to the Secretary and others immediately.

The Financial Management Division will provide monthly reporting to governing parties. Changes to the Spend Plan targets for business areas will be presented to DOT's Financial Planning Committee (comprised of staff and representation from BOT, OSBM, and the Federal Highway Administration), OSBM, BOT's Financial Subcommittee of the BOT, and the BOT. As economic conditions improve, we will seek approval to address business area needs.

Stephanie J King  
CFO

**North Carolina Department of  
Transportation  
Approved Spend Plan  
SFY 2021 -2022**

	Actuals	SFY 21	SFY 22
	<b>SFY 20 Total</b>	<b>12Month Total</b>	<b>12Month Total</b>
<b>OPENING CASH BALANCE</b>	\$ 434	\$ 266	\$ 630
<b>REVENUES</b>			
State revenues	\$ 3,687	\$ 3,684	\$ 3,863
Federal aid	1,464	1,201	1,201
Federal aid - InfraGrant	-	69	69
Turnpike Federal Aid	2	1	-
Other	147	265	192
	5,299	5,220	5,325
<b>GARVEE REIMBURSEMENT FROM TRUSTEE</b>	182	307	313
<b>BUILDNC REIMBURSEMENT FROM TRUSTEE</b>	187	591	347
<b>TOTAL REVENUES &amp; OTHER RECEIPTS</b>	<b>\$ 5,669</b>	<b>\$ 6,118</b>	<b>\$ 5,985</b>
<b>CONSTRUCTION EXPENDITURES</b>			
Garvee Expenditures	(231)	(512)	(741)
Garvee Debt Service	(132)	(152)	(188)
Division of Mitigation Services (Formerly EEP)	(42)	(39)	(20)
BUILDNC Expenditures	(127)	(448)	(367)
BUILDNC Debt Service	(28)	(71)	(123)
TIP	(2,937)	(1,857)	(1,881)
TIP - InfraGrant	-	(131)	(143)
Other Construction	(40)	(28)	(30)
Turnpike Authority	(7)	(3)	(2)
Internal Orders	(8)	(8)	(12)
Congestion Mitigation & Air Quality (CMAQ)	(25)	(30)	(30)
Total Construction	<b>\$ (3,613)</b>	<b>\$ (3,280)</b>	<b>\$ (3,536)</b>
<b>MAINTENANCE EXPENDITURES</b>			
Primary, Secondary, System Preservation	\$ (806)	\$ (814)	\$ (869)
Contract Resurfacing	(476)	(475)	(503)
Undeclared Disasters including Snow and Ice	-	(94)	(94)
FEMA Disaster Funding	(61)	(28)	(28)
Total Maintenance	<b>\$ (1,342)</b>	<b>\$ (1,410)</b>	<b>\$ (1,494)</b>
<b>OTHER MODES</b>			
Integrated Mobility Division	\$ (105)	\$ (160)	\$ (17)
Integrated Mobility Division - New Starts	0	(32)	0
Ferry Operations	(57)	(45)	(49)
Railroad program	(37)	(81)	(34)
Airports	(121)	(254)	(127)
Total Other Modes	<b>\$ (321)</b>	<b>\$ (570)</b>	<b>\$ (227)</b>
<b>OTHER EXPENDITURES</b>			
Administration	\$ (369)	\$ (313)	\$ (343)
Transfers to Other State Agencies	(64)	(65)	(66)
Transfers to General & Emergency Fund/NCTA - GAP	(49)	(49)	(110)
State aid to municipalities	(148)	(133)	(141)
Debt Service	(88)	-	-
Other Programs	(38)	(19)	(19)
Total Other Expenditures	<b>\$ (755)</b>	<b>\$ (579)</b>	<b>\$ (679)</b>
<b>TOTAL EXPENDITURES</b>	<b>\$ (6,031)</b>	<b>\$ (5,839)</b>	<b>\$ (5,936)</b>
<b>OTHER CHANGES IN CASH</b>			
Working capital changes	\$ 6	\$ (3)	\$ -
	\$ 195	\$ (3)	\$ -
<b>NET CHANGE IN CASH</b>	<b>\$ (168)</b>	<b>\$ 276</b>	<b>\$ 50</b>
<b>CLOSING CASH BALANCE</b>	<b>\$ 266</b>	<b>\$ 630</b>	<b>\$ 680</b>



North Carolina Department of Transportation  
Certified Budget vs HB77 - Highway Fund Appropriations-  
Spend Plan 2020-21

Approved

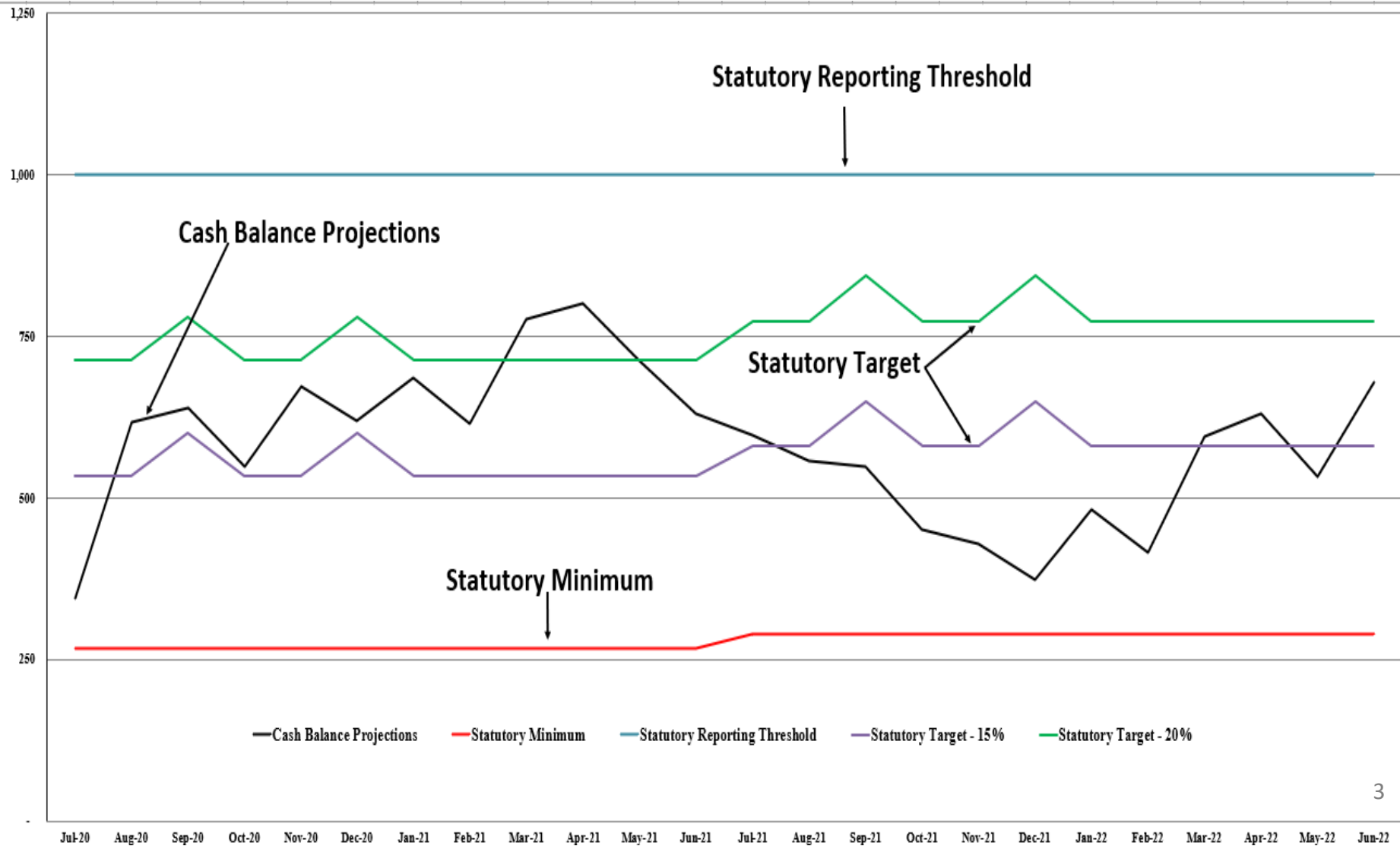
	2020-21 Certified Budget	HB 77 changes	State Only Revised Certified	Total Spend Plan	Total Spent to Date	Difference \$	Difference %
				<i>*Includes Federal \$</i>			
DOT-General Administration	\$ 101,975,589	\$ (1,557,940)	\$ 100,417,649	\$ 84,160,239	\$ 19,913,223	\$ (64,247,016)	-76%
Highway Division Administration	33,048,043	(1,984,934)	31,063,109	32,198,043	221,747	(31,976,296)	-99%
Total Admin	\$ 135,023,632	\$ (3,542,874)	\$ 131,480,758	\$ 116,358,282	\$ 20,134,969	\$ (96,223,313)	-83%
Construction Program							
State Secondary System	12,000,000	(8,500,000)	3,500,000	3,500,000	462,173 *	(3,037,827)	-87%
Spot Safety Improvements	12,100,000		12,100,000	9,000,000	774,228	(8,225,772)	-91%
Contingency Funds	12,000,000		12,000,000	9,000,000	(113,149)	(9,113,149)	-101%
Mobility Modernization	42,943,078	(41,443,078)	1,500,000	6,500,000	2,182,264	(4,317,736)	-66%
Total Construction Program	\$ 79,043,078	\$ (49,943,078)	\$ 29,100,000	\$ 28,000,000	\$ 3,305,516	\$ (24,694,484)	-88%
Maintenance Program							
General Maintenance Reserve	433,216,482	84,165,752	517,382,234	485,000,000	63,926,629	(421,073,371)	-87%
Contract Resurfacing	535,682,480	22,992,419	558,674,899	475,000,000	64,495,602	(410,504,398)	-86%
Bridge Program	273,967,830		273,967,830	225,000,000	21,819,100	(203,180,900)	-90%
Bridge Preservation	69,899,551		69,899,551	60,000,000	10,298,178	(49,701,822)	-83%
Roadside Environmental	101,328,653		101,328,653	90,000,000	13,367,595	(76,632,405)	-85%
Pavement Preservation	85,358,348		85,358,348	75,000,000	11,694,421	(63,305,579)	-84%
Total Maintenance Program	\$ 1,499,453,344	\$ 107,158,171	\$ 1,606,611,515	\$ 1,410,000,000	\$ 185,601,525	\$ (1,224,398,475)	-87%
Ferry Operations	50,879,026		50,879,026	45,879,026	7,748,802	(38,130,224)	-83%
State Aid to Municipalities	154,875,000	(17,795,301)	137,079,699	132,682,500	-	(132,682,500)	-100%
State Aid to Railroads	48,347,269	(12,200,000)	36,147,269	81,000,000	7,657,356 **	(73,342,644)	-91%
Integrated Mobility Division	94,393,444	(76,192,980)	18,200,464	191,310,518	14,260,105	(177,050,413)	-93%
Airports	140,946,918	(8,682,390)	132,264,528	254,084,810	36,309,745	(217,775,065)	-86%
Bike/Ped	761,549		761,549	761,549	67,083	(694,466)	-91%
OSHA Program	358,030		358,030	358,030	5,269	(352,761)	-99%
Governor's Highway Safety Program	267,914		267,914	13,800,000	2,094,423	(11,705,577)	-85%
Division of Motor Vehicles	143,396,106	(794,048)	142,602,058	135,000,000	15,995,469	(119,004,531)	-88%
Capital Improvements					1,456,964 ***	1,456,964	
Performance Energy Debt					51,117	51,117	
Non-System Streets					333,585	333,585	
MCSAP/DMV Grants	2,161,172		2,161,172	2,161,172	45,413	(2,115,759)	-98%
Total Misc	636,386,428	(115,664,719)	520,721,709	857,037,605	86,025,330	(771,012,275)	-90%
Total Department of Transportation	\$ 2,349,906,482	\$ (61,992,500)	\$ 2,287,913,982	\$ 2,411,395,887	\$ 295,067,340	\$ (2,116,328,547)	-88%
Transfers to Other State Agencies							
Agriculture	5,539,856		5,539,856	5,539,856	1,423,875	(4,115,981)	-74%
Revenue	5,415,158		5,415,158	5,415,158	374,183	(5,040,976)	-93%
OSC-BEST	525,408		525,408	525,408	139,374	(386,034)	-73%
State Ports Authority	5,500,000		5,500,000	5,500,000	-	(5,500,000)	-100%
State Ethics Commission	56,816		56,816	56,816	5,104	(51,712)	-91%
DHHS - Chemical Test	581,675		581,675	581,675	145,419	(436,256)	-75%
Total Transfers to Other State Agencies	\$ 17,618,913	\$ -	\$ 17,618,913	\$ 17,618,913	\$ 2,087,954	\$ (15,530,959)	-88%
Reserves							
Minority Contractor Development	150,000		150,000	150,000	-	(150,000)	
State Fire Protection Grant	158,000		158,000	158,000		(158,000)	
Stormwater Discharge Permit	500,000		500,000	500,000		(500,000)	
Global Transpark	750,000		750,000	750,000	187,500	(562,500)	
Admin Reduction	(581,441)		(581,441)	(581,441)		581,441	
Salary Adjustment Fund	832,422		832,422	832,422		(832,422)	
Reserve for Call Center Consolidations	556,074		556,074	556,074		(556,074)	
Reserve for Legislative Increase	11,034,210		11,034,210	11,034,210		(11,034,210)	
Reserve for State Health Plan	3,411,891		3,411,891	3,411,891		(3,411,891)	
Short Term Disability	171,184		171,184	171,184		(171,184)	
Employer's Contribution to Retirement	10,884,765		10,884,765	10,884,765		(10,884,765)	
Total Reserves	\$ 27,867,105	\$ -	\$ 27,867,105	\$ 27,867,105	\$ 34,538,450	\$ 6,671,345	24%
Total Current Operations	2,395,392,500	(61,992,500)	2,333,400,000	2,456,881,905	331,693,745	(2,125,188,160)	
Total Highway Fund Appropriation	\$ 2,395,392,500	\$ (61,992,500)	\$ 2,333,400,000	\$ 2,456,881,905	\$ 331,693,745	\$ (2,125,188,160)	

Certified Budget vs HB77 -Highway Trust Fund Appropriation  
2020-21

	2020-21 Certified Budget	HB77 Changes	Revised Certified	Total Spend Plan	Total Spent to Date	Difference \$	Difference %
Program Administration	\$ 35,626,560	\$	35,626,560	\$ 35,626,560	\$ 4,822,103	\$ (30,804,457)	-86%
Bond Redemption	27,690,000		27,690,000	27,690,000		(27,690,000)	-100%
Bond Interest	29,134,500		29,134,500	29,134,500		(29,134,500)	-100%
Tumpike Authority	49,000,000		49,000,000	49,000,000	12,250,000	(36,750,000)	-75%
State Ports Authority	45,000,000		45,000,000	45,000,000		(45,000,000)	-100%
FHWA State Match	4,640,000		4,640,000	4,640,000	2,056,309	(2,583,691)	-56%
Transfer to Visitor Center	400,000		400,000	400,000		(400,000)	-100%
Strategic Prioritization & Other Capital Programs	1,465,308,940	(425,900,000)	1,039,408,940	3,190,627,035	491,662,606 ****	(2,698,964,429)	-85%
Total Trust Fund Appropriation	\$ 1,656,800,000	\$ (425,900,000)	\$ 1,230,900,000	\$ 3,382,118,095	\$ 510,791,018	\$ (2,871,327,077)	
			\$ 3,564,300,000	\$ 5,839,000,000	\$ 842,484,763	\$ (4,996,515,237)	

\* Actuals for Secondary Construction from the Trust Fund are included  
\*\* Actuals for Railroad Program from the Highway Trust Fund are included  
\*\* Actuals for Capital Improvement from the Highway Trust Fund are included  
\*\*\*\* Capital Program includes both the Highway Trust Fund and FHWA Funds in the Highway Fund

# 24 Month Forecast





## **NORTH CAROLINA**

Department of Transportation



## Financial Update

As of September 2020

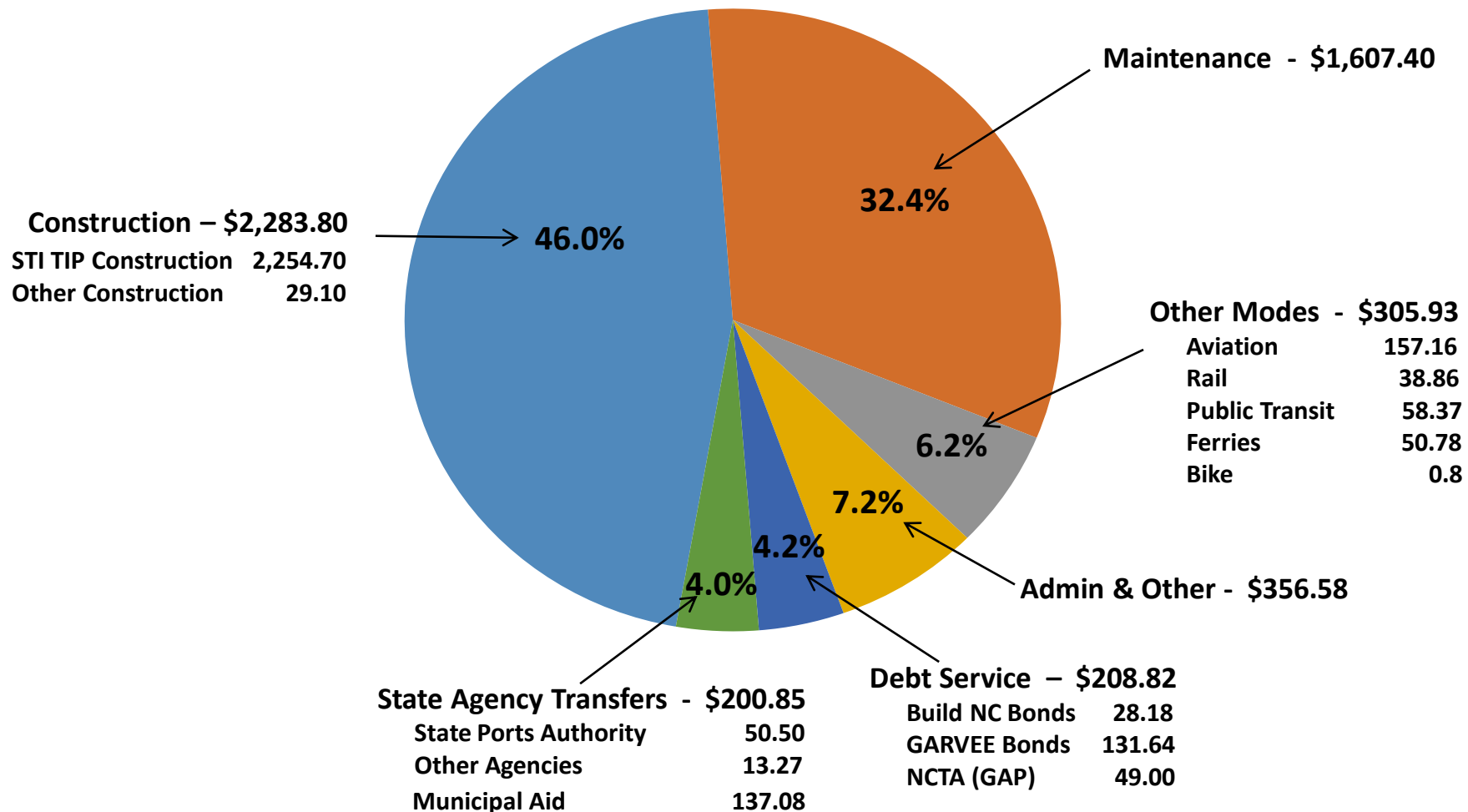
Stephanie King, Chief Financial Officer

November 5, 2020

# Uses of 2020-21 NCDOT Appropriations\*

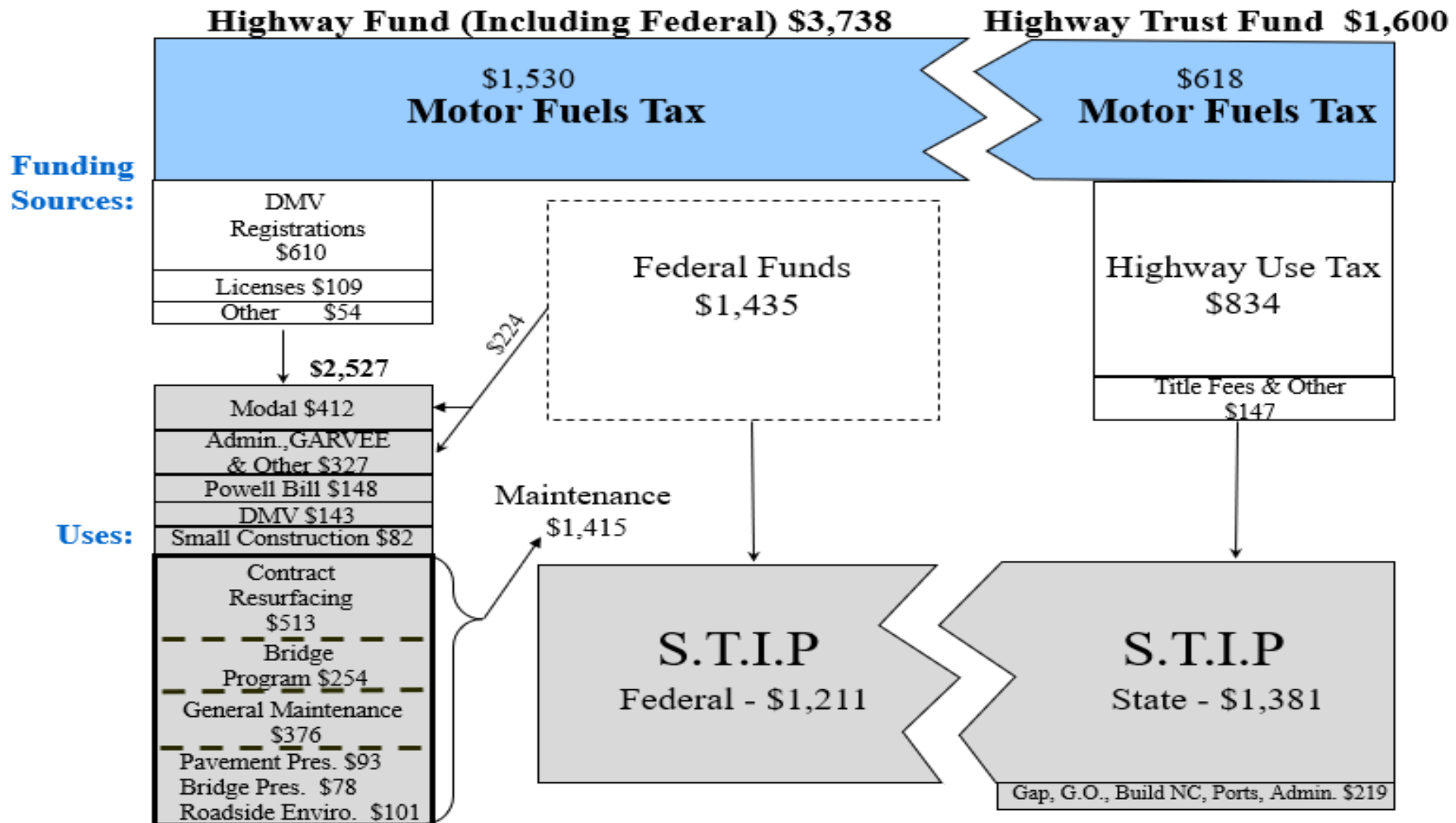
## Total Funding = \$4.96 Billion

(Excludes Receipt Supported Funding of \$0.2B)



(\$ in millions)

# Highway Fund and Highway Trust Fund Budget, SFY 2019-20\*



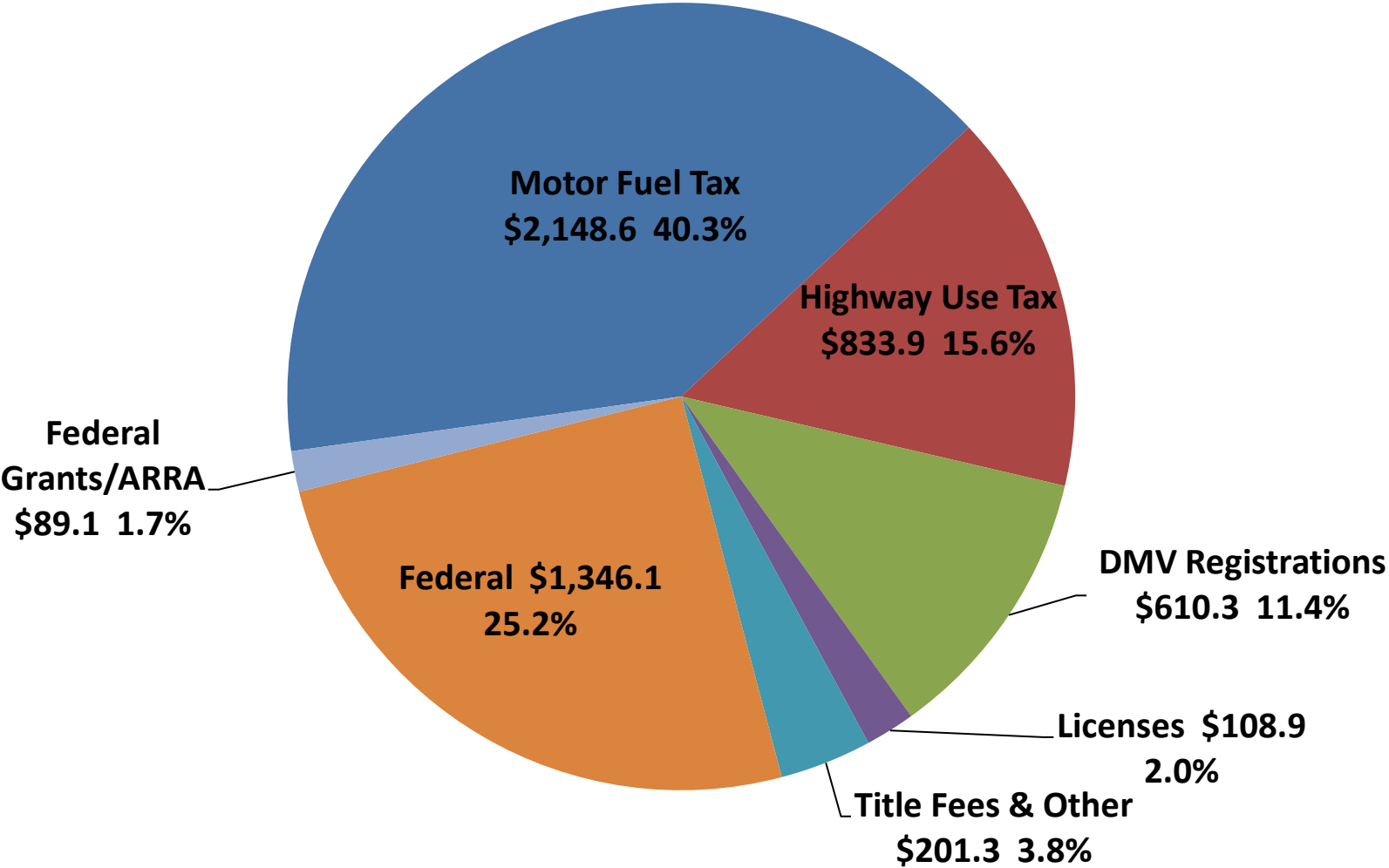
(\$ in millions)

Unaudited Financial Report

# NCDOT Revenue Sources

## SFY2020\* - \$5.3 Billion

(Excludes Receipt Supported Funding of \$0.2B)

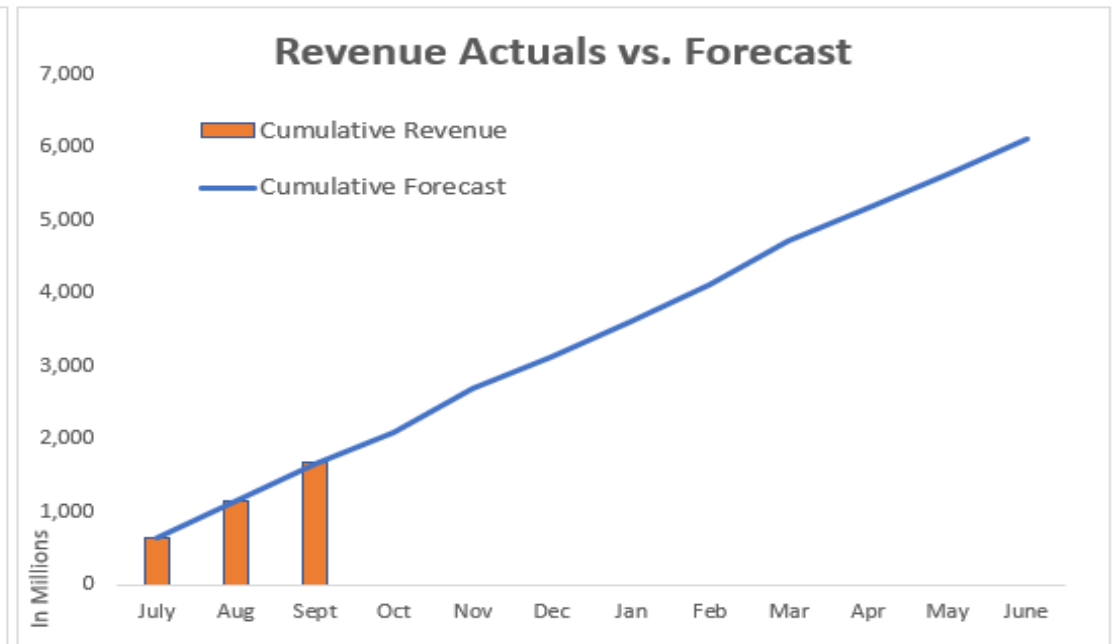
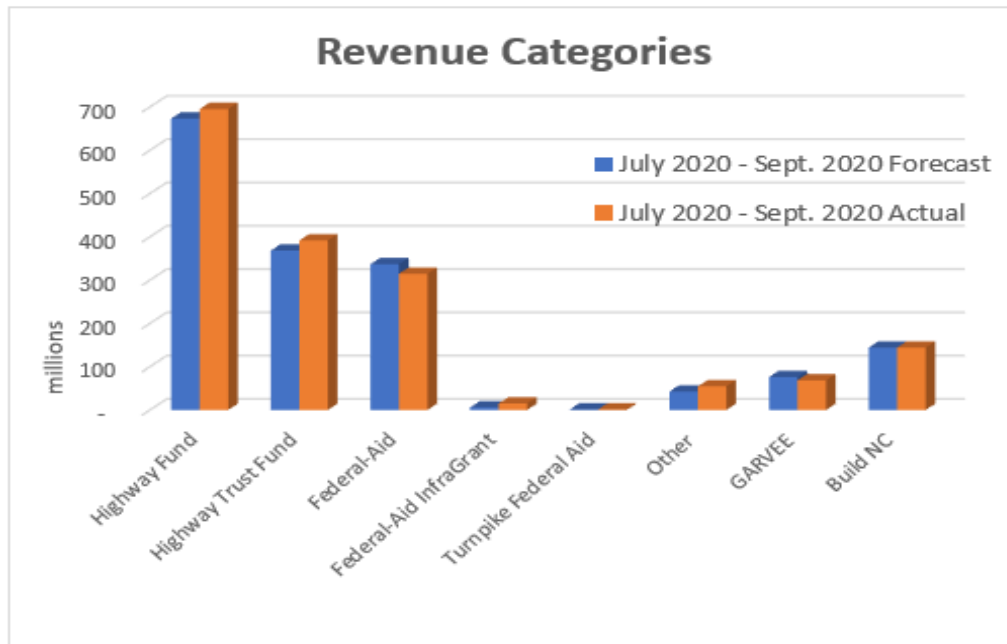


(\$ in millions)



# Revenue Summary September 2020 (in millions)

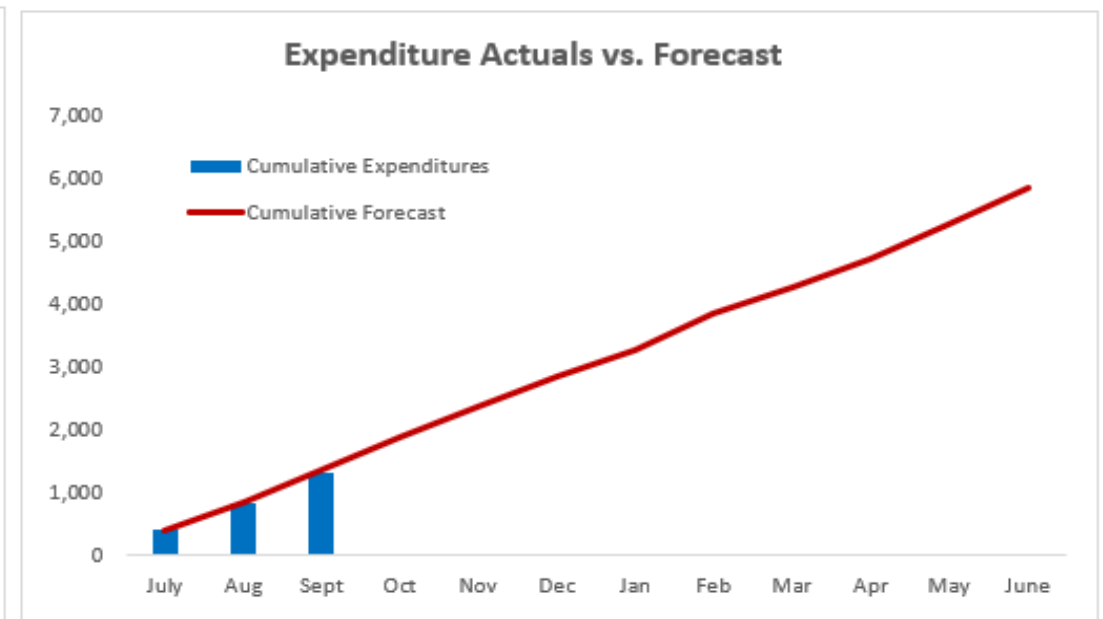
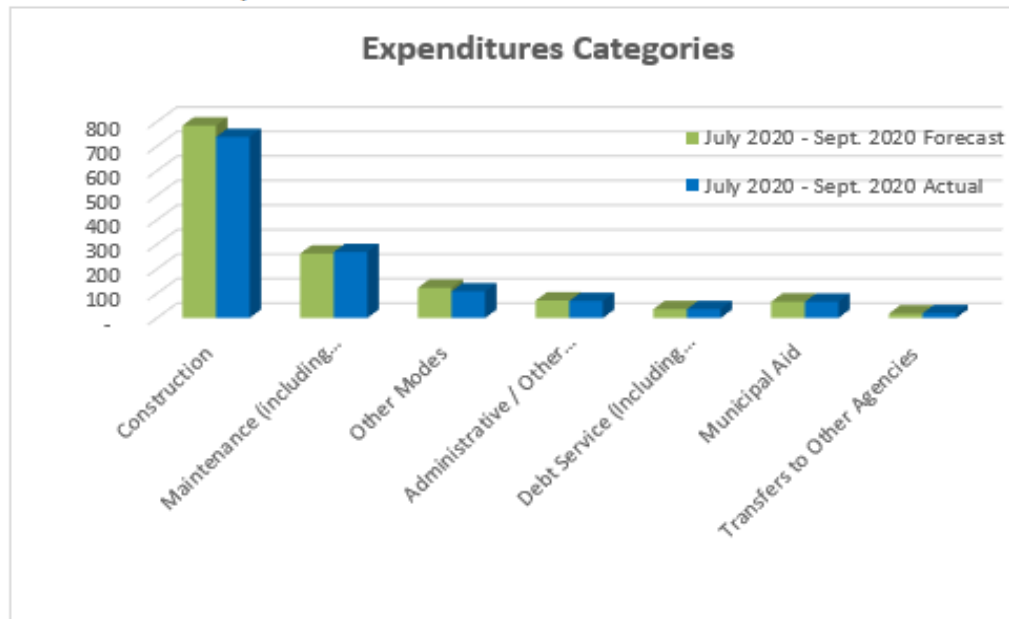
Revenue	Sept. 2020	Sept. 2019	2020-2021 Actual Revenue	2019-2020 Actual Revenue	\$ Δ	% Δ	2020-2021 Revenue Forecast	%	2020-2021 Revenue Forecast To Date	%
Highway Fund	\$221.0	\$197.3	\$695.4	\$575.7	\$119.7	21%	\$2,402.9	29%	\$673.3	103%
Highway Trust Fund	128.3	136.2	391.7	416.9	(25.2)	-6%	1,280.7	31%	368.4	106%
FHWA Federal Aid	115.7	184.8	314.6	354.1	(39.5)	-11%	1,201.3	26%	337.0	93%
Federal Aid - InfraGrant	9.2	0.0	15.1	0.0	15.1		68.7	22%	5.9	255%
Turnpike Federal Aid	0.2	0.0	1.5	0.0	1.5	5276%	1.3	112%	1.3	112%
Other	29.1	15.7	54.6	42.4	12.2	29%	264.9	21%	42.6	128%
GARVEE	26.0	10.8	68.6	18.2	50.4	276%	307.3	22%	76.1	90%
Build NC	0.0	1.4	144.1	68.7	75.5	110%	590.6	24%	144.1	100%
<b>Total Revenue</b>	<b>\$529.4</b>	<b>\$546.2</b>	<b>\$1,685.7</b>	<b>\$1,476.1</b>	<b>\$209.6</b>	<b>14%</b>	<b>\$6,117.7</b>	<b>28%</b>	<b>\$1,648.7</b>	<b>102%</b>



# Expenditure Summary September 2020 (in millions)

State & Federal Funded Programs:	September 2020	September 2019	2020-2021 Actual	2019-2020 Actual	\$ Δ	% Δ	2020-2021 Spend Plan	%	2020-2021 Spend Plan To Date	%
Construction	\$230.2	\$323.8	\$737.7	\$942.8	(\$205.1)	-22%	\$3,057.3	24%	\$783.7	94%
Maintenance (including FEMA)	83.0	130.1	268.6	477.6	(208.9)	-44%	1,410.0	19%	262.3	102%
Other Modes	42.4	17.9	108.5	58.8	49.7	85%	570.5	19%	122.9	88%
Administration/Other Programs	23.8	27.5	68.7	72.3	(3.6)	-5%	332.2	21%	71.1	97%
Debt Service (Including NCTA GAP funds)	-	0.2	36.2	24.6	11.6	47%	271.8	13%	36.2	100%
Municipal Aid	65.8	73.8	65.8	73.8	(8.0)	-11%	132.7	50%	66.4	99%
Transfers to Other Agencies	17.1	0.4	19.4	2.4	17.0	712%	64.9	30%	17.9	108%
<b>Total Expenditures*</b>	<b>\$462.4</b>	<b>\$573.6</b>	<b>\$1,304.9</b>	<b>\$1,652.1</b>	<b>\$ (347.3)</b>	<b>-21%</b>	<b>\$5,839.4</b>	<b>22%</b>	<b>\$1,360.5</b>	<b>96%</b>

\*Excludes NCTA Expenditures



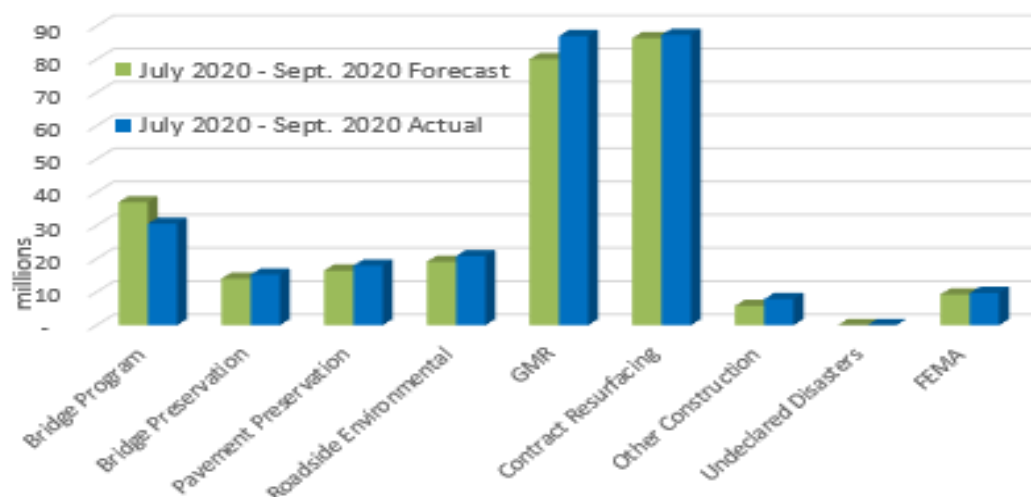


# Maintenance Expenditure Summary September 2020

(in millions)

Maintenance Programs:	September 2020	September 2019	2020-2021 Actual	2019-2020 Actual	\$ Δ	% Δ	2020-2021 Spend Plan	%	2020-2021 Spend Plan To Date	%
Bridge Program	8.70	22.02	30.52	69.39	(38.87)	-56%	225.00	14%	37.02	82%
Bridge Preservation	4.93	5.02	15.23	21.49	(6.26)	-29%	60.00	25%	14.02	109%
Pavement Preservation	6.25	8.59	17.95	24.83	(6.88)	-28%	75.00	24%	16.43	109%
Roadside Environmental	7.45	12.10	20.82	36.93	(16.11)	-44%	90.00	23%	19.10	109%
General Maintenance Reserve (GMR)	29.87	26.86	87.01	107.48	(20.47)	-19%	363.50	24%	80.06	109%
Contract Resurfacing	22.89	46.84	87.39	195.71	(108.32)	-55%	475.00	18%	86.39	101%
Other Construction	4.6	5.3	7.9	15.8	(7.85)	-50%	28.00	28%	5.84	136%
Undeclared Disasters					-	0%	93.70	0%	-	0%
FEMA	2.94	8.63	9.72	21.71	(11.99)	-55%	27.80	35%	9.28	105%
<b>Total Expenditures</b>	<b>87.66</b>	<b>135.36</b>	<b>276.56</b>	<b>493.31</b>	<b>(216.75)</b>	<b>-44%</b>	<b>1,438.00</b>	<b>19%</b>	<b>268.13</b>	<b>103%</b>

Maintenance



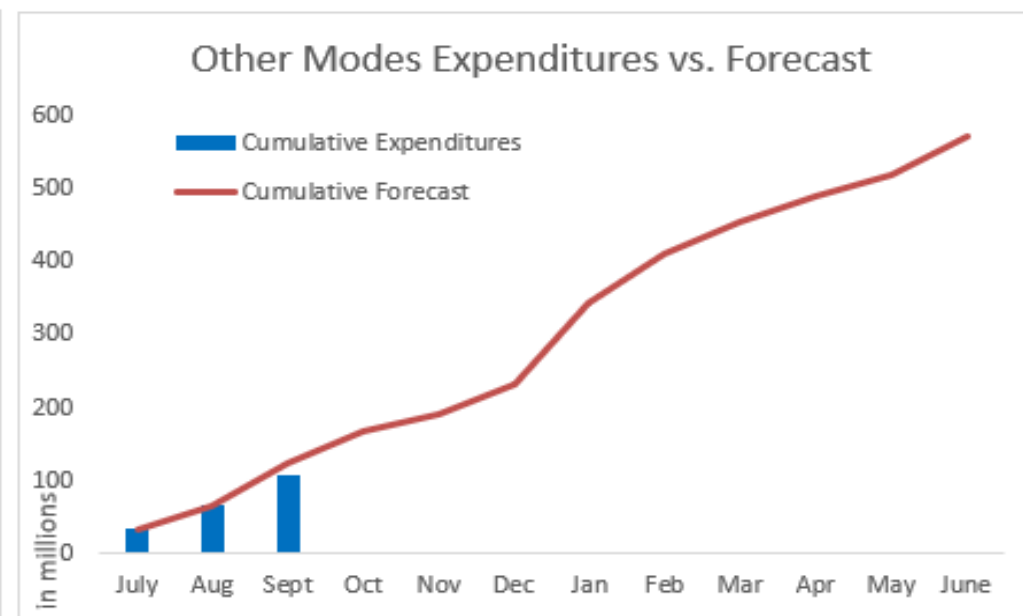
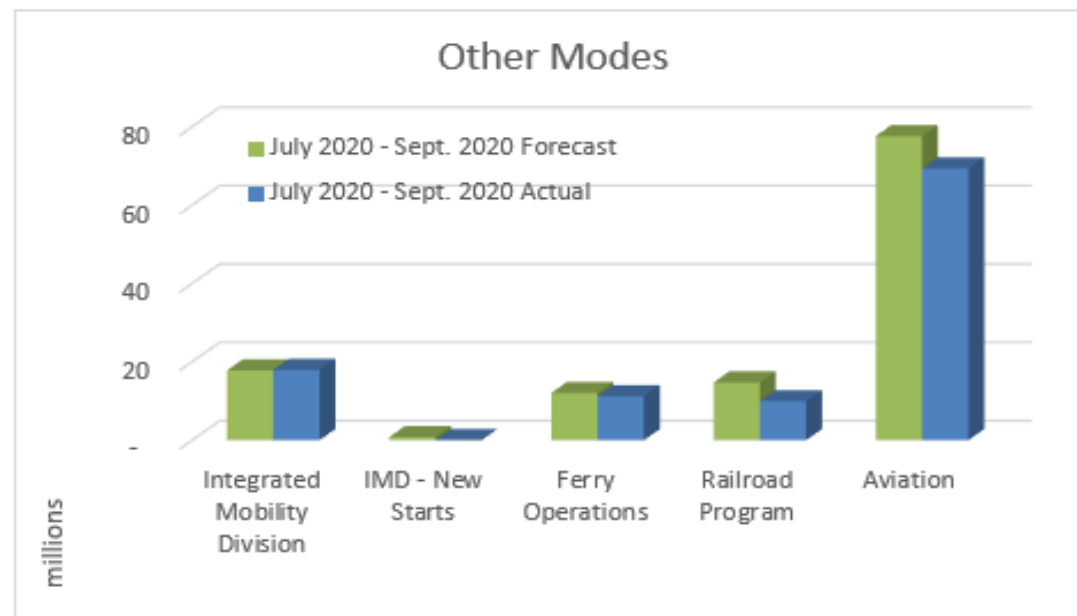
Maintenance Expenditures vs. Forecast



# Other Modes Expenditure Summary September 2020

(in millions)

Modal Expenditures			2020-2021 Actual	2019-2020 Actual			2020-2021 Expend.		2020-2021 Expend. Forecast To	
	Sept. 2020	Sept. 2019	Expenditure	Expenditure	\$ Δ	% Δ	Forecast	%	Date	%
Integrated Mobility Division	\$3.6	\$3.1	\$18.0	\$13.8	\$4.2	30%	\$159.7	11%	\$17.8	101%
IMD - New Starts	0.0	-	0.0	-	-		31.7	0%	0.8	0%
Ferry Operations	3.5	4.6	11.2	14.8	(3.6)	-24%	44.7	25%	12.0	93%
Railroad Program	2.3	2.7	9.9	7.8	2.1	27%	80.6	12%	14.7	68%
Aviation	33.1	7.5	69.4	22.4	46.9	209%	253.8	27%	77.6	89%
Total Modal Expenditure	\$42.4	\$17.9	\$108.5	\$58.8	\$49.7	85%	\$570.5	19%	\$122.9	88%



# Financial Update

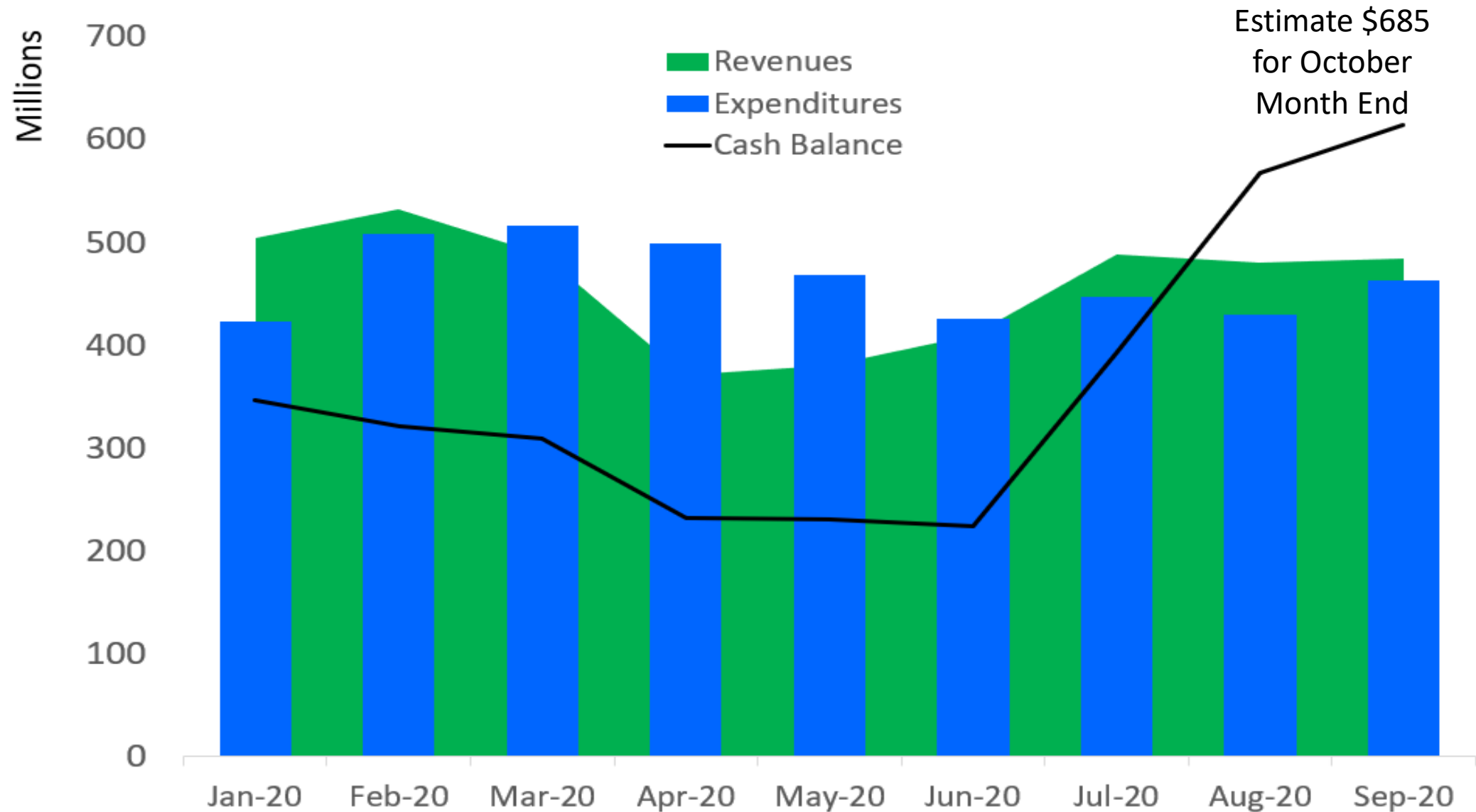
## SFYTD 2021 as compared SFYTD 2020

(\$ in millions)

	Month over Month		Year to Date		
	<u>September '20</u>	<u>September '19</u>	<u>YTD 2021</u>	<u>YTD 2020</u>	<u>\$ Change</u>
<u>Highway Fund &amp; Highway Trust Fund</u>					
Collections	\$ 529	\$ 546	\$ 1,686	\$ 1,476	\$ 210
Expenditures	<u>462</u>	<u>574</u>	<u>1,305</u>	<u>1,652</u>	<u>(347)</u>
Net Change	\$ 67	\$ (27)	\$ 381	\$ (176)	\$ 557
			<u>September '20</u>	<u>September '19</u>	
Cash Balances:					
Highway Trust Fund			\$ 293	\$ 254	
Highway Fund*			<u>362</u>	<u>181</u>	
Totals			<u>\$ 656</u>	<u>\$ 436</u>	

\*Excludes bond proceeds held by Trustee

# 2020 Month-end Financial Indicators



# Cash Reporting

## Joint Legislative Transportation Oversight Committee

### September 2020 – No Reporting Required

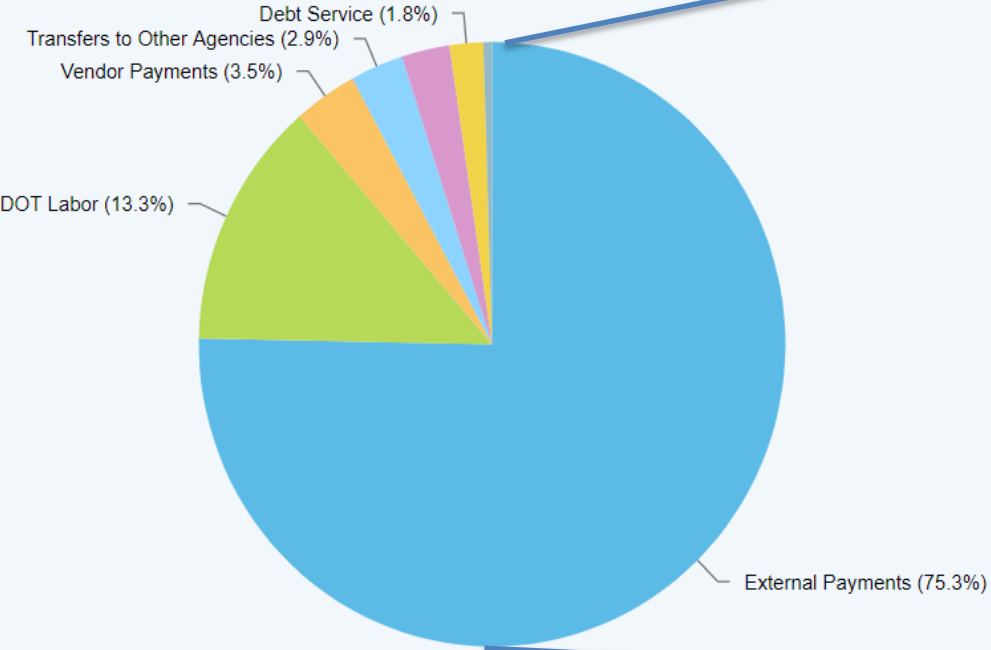
- Section 2.1 of Session Law 2019-251 requires DOT to report each month when the department's combined average daily cash balance for the month is outside of the statutory target range.
- For September 2020, the **average daily cash balance** of the Highway Fund and the Highway Trust Fund was \$572 million.
- The cash target amounts representing 15% and 20% of the total appropriations for the current fiscal year are \$535 million and \$713 million, respectively.
- The closing cash balance for September was \$656 million which is in the target range and above the minimum cash balance requirement of \$267 million under G.S. 143C-6-11.

# NCDOT Expenditures

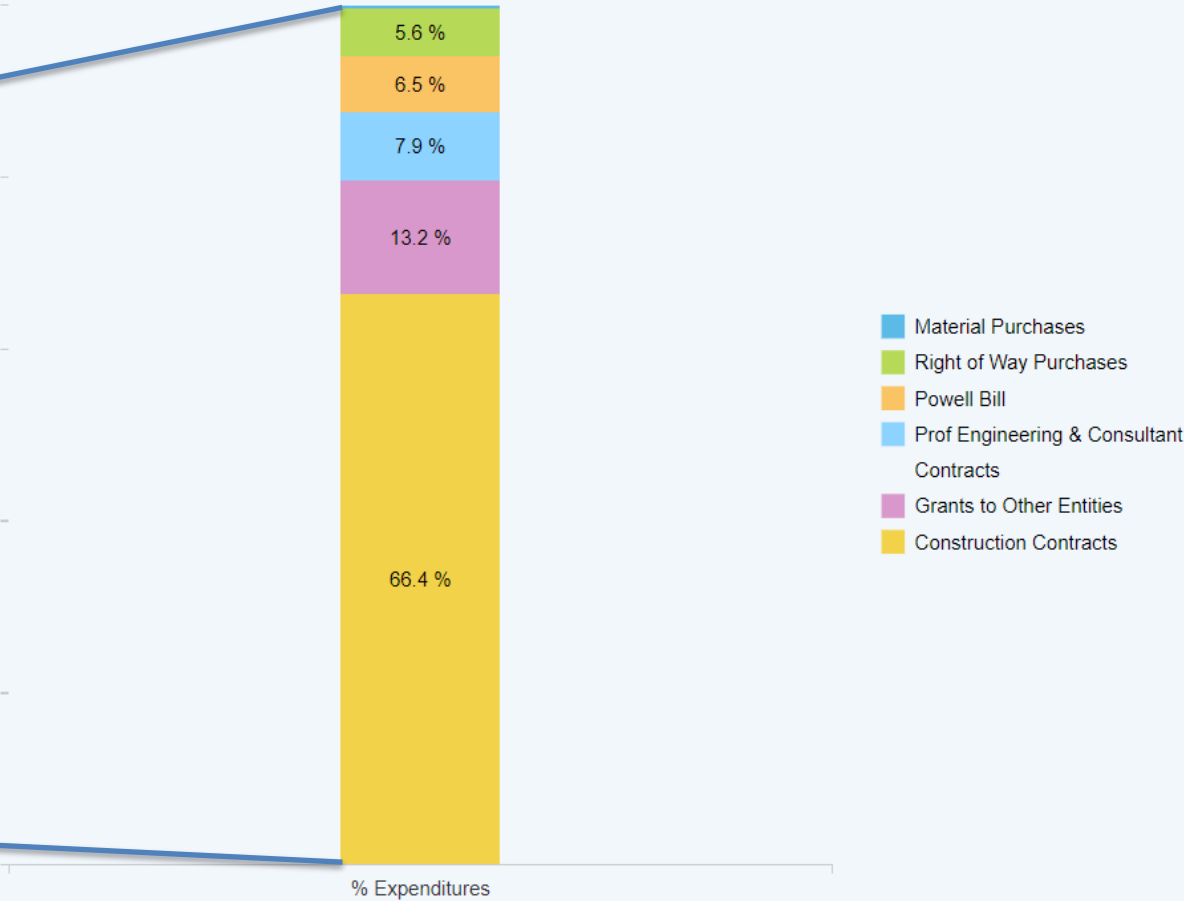
## SFY2021 as of September 30, 2020

NCDOT Expenditures (\$M)

- External Payments
- DOT Labor
- Vendor Payments
- Transfers to Other Agencies
- Miscellaneous Service Contracts
- Debt Service
- Equipment Purchases
- Not Assigned G/L Account (s)



NCDOT External Payments (%)



# Monthly Financial Statement Report

– *Posted on the DOT web site and submit to the BOT, JLTO and Fiscal Research to include:*

- Highway Fund and Highway Trust Fund Revenue for the month
- Expenditures by fund code, and in relation to the current fiscal year certified budget and DOT's Spend Plan
- Maintenance activity expenditures for the month by Highway Division and in relation to the current fiscal year allocation.
- Reserve for General Maintenance expenditures for the month by Highway Division, broken down into category, and in relation to the current year allocation.
- Capital and Strategic Transportation Investment (STI) project expenditures by month and in relation to the current budget year allocation.
- Projected revenue and Spend Plan of DOT for the next 18 months with changes noted (**External Performance Dashboard**)
- Accounts payable, including the number of contracts, invoices paid, and payments pending.

<https://www.ncdot.gov/about-us/how-we-operate/finance-budget/Pages/financial-reporting-.aspx>



# Update

- Conducted a Financial Planning Committee Meeting October 27<sup>th</sup>. Presentations included Spend Plan and Cash Model Update, Spend Plan Policy, Division of Highway Contingency Cut Scenarios, Operations/Maintenance Spend Plan Development, Division Spend Plan Development, Operations Financial Structure Plan, Ferry Division Budget Needs, and Rail Division Budget Needs
- Build NC Bond Issuance – Rating Agency meetings, Due Diligence, Preliminary Official Statement issued October 23<sup>rd</sup>
- Began Phase 1 of the Cash Model Initiative with Information Technology. This phase includes discovery and documentation.
- Financial Management posted a Monthly Financial Update to the website
- Presented a Financial Update to the Division Engineers and Business Officers
- Completed and posted all HB77 reports to the website.
- Audit Reviews for the Comprehensive Annual Financial Report, GARVEE, Advance Construction, and Spend Plan

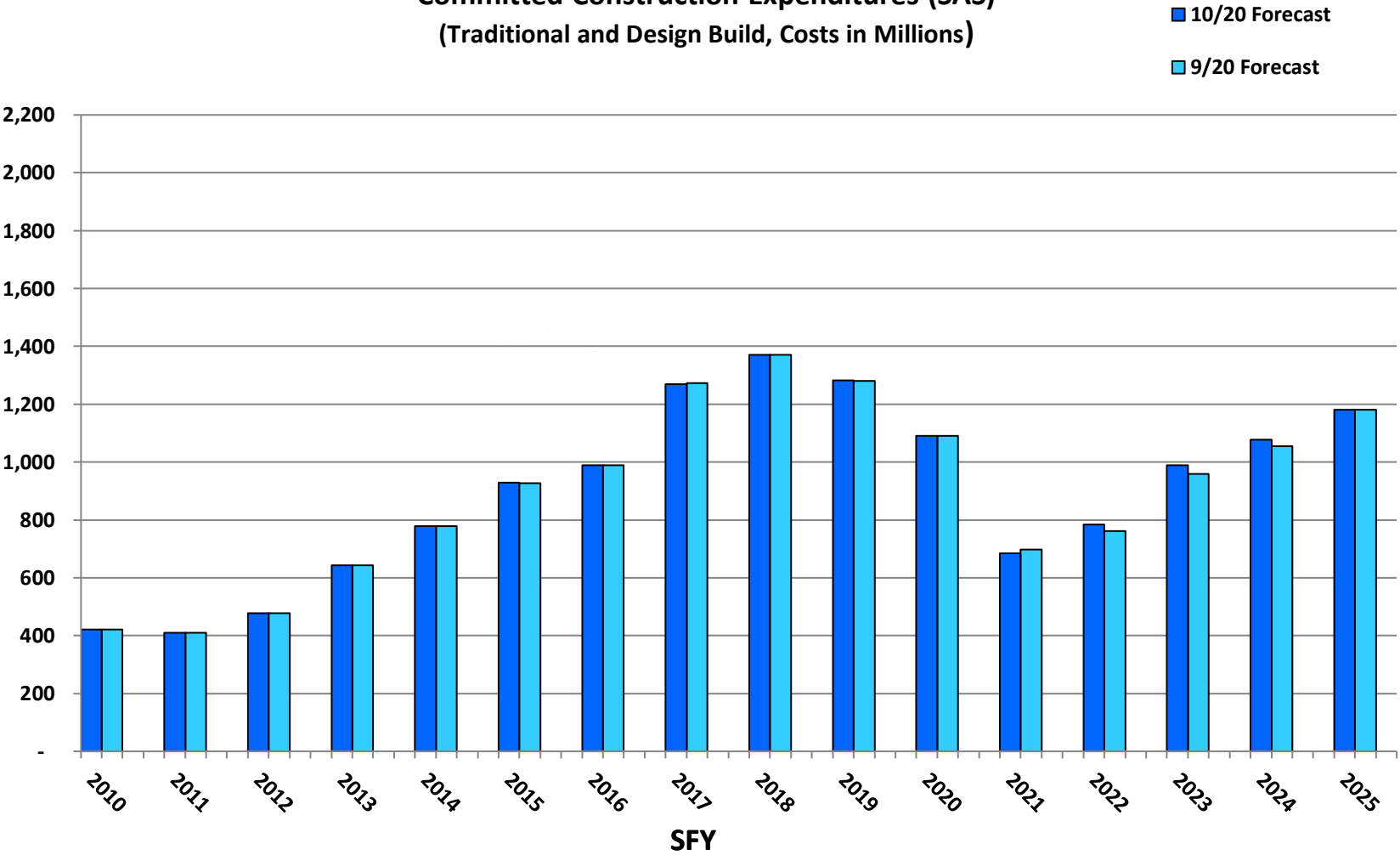


# Centrally Let Construction Expenditure

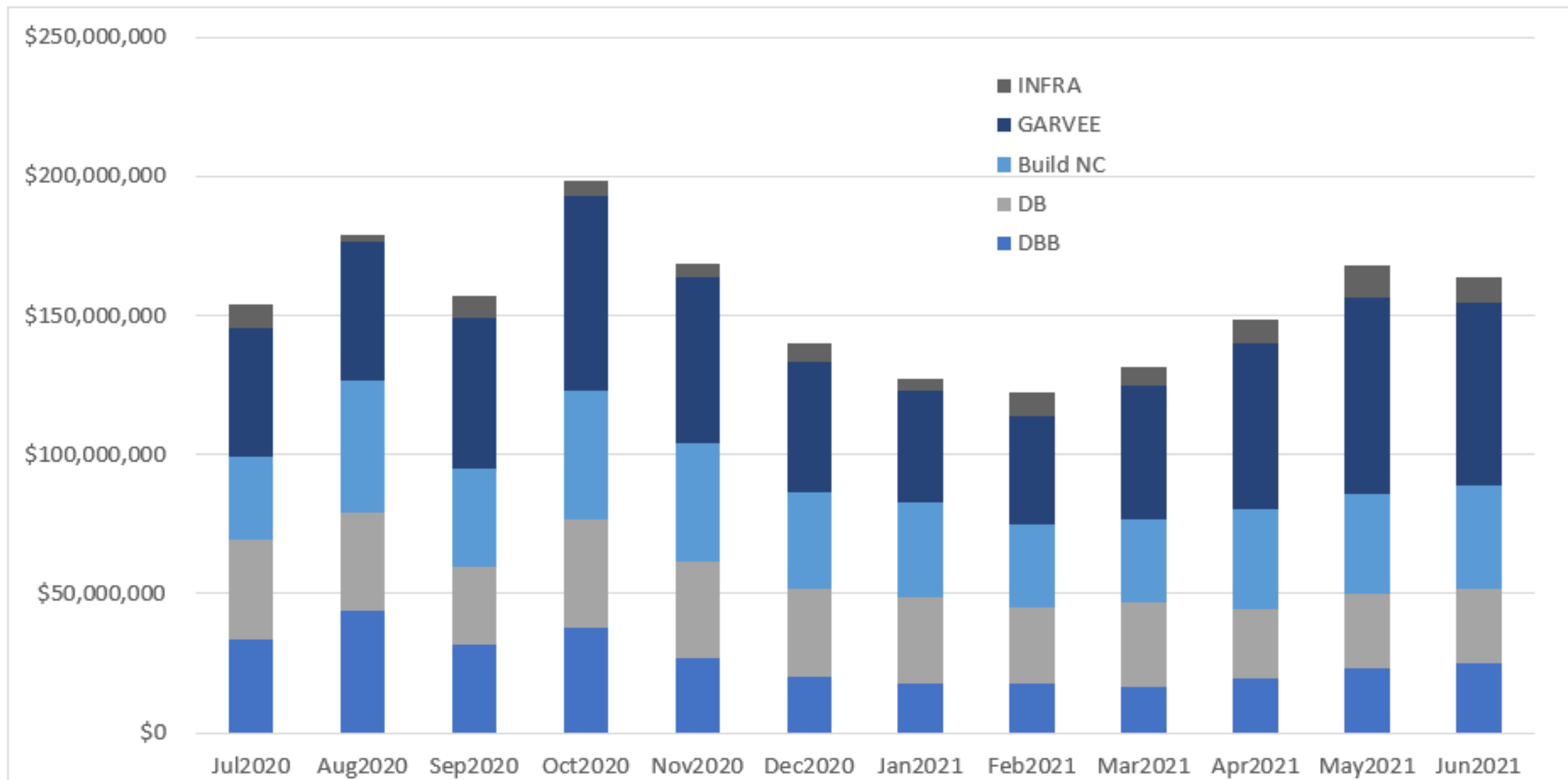
## 9/20 - 10/20 Forecast Comparison

(Excludes ARRA, NCTA, GARVEE, INFRA, Build NC and Division Admin.)

Committed Construction Expenditures (SAS)  
(Traditional and Design Build, Costs in Millions)



# Centrally Let Construction Expenditures



# ADJUSTED NCDOT SFY 2021 Spending Plan

	SFY 20	SFY 21	SFY 22
	12Month Total	12Month Total	12Month Total
<b>OPENING CASH BALANCE</b>	\$ 434	\$ 266	\$ 813
<b>REVENUES</b>			
State revenues	\$ 3,687	\$ 3,729	\$ 3,863
Federal aid	1,464	1,201	1,201
Federal aid - InfraGrant	-	78	69
Turnpike Federal Aid	2	2	-
Other	147	277	192
	5,299	5,287	5,325
<b>GARVEE REIMBURSEMENT FROM TRUSTEE</b>	182	300	313
<b>BUILDNC REIMBURSEMENT FROM TRUSTEE</b>	187	591	347
<b>TOTAL REVENUES &amp; OTHER RECEIPTS</b>	\$ 5,669	\$ 6,177	\$ 5,985
<b>CONSTRUCTION EXPENDITURES</b>			
Garvee Expenditures	(231)	(489)	(741)
Garvee Debt Service	(132)	(152)	(188)
Division of Mitigation Services (Formerly EEP)	(42)	(36)	(20)
BUILDNC Expenditures	(127)	(423)	(367)
BUILDNC Debt Service	(28)	(71)	(123)
TIP	(2,973)	(1,857)	(1,905)
TIP - InfraGrant	-	(128)	(143)
Other Construction			
Secondary Road Construction	(5)	(4)	(4)
Spot Safety Improvements	(5)	(9)	(10)
Contingency Funds	(5)	(9)	(10)
Mobility/Modernization Fund	(25)	(7)	(7)
Turnpike Authority	(7)	(3)	(2)
Internal Orders	(8)	(4)	(12)
Congestion Mitigation & Air Quality (CMAQ)	(25)	(31)	(30)
<b>Total Construction</b>	\$ (3,613)	\$ (3,222)	\$ (3,561)

# ADJUSTED NCDOT SFY 2021 Spending Plan

<b>MAINTENANCE EXPENDITURES</b>			
General Maintenance Reserve	\$ (396)	\$ (363)	\$ (393)
Roadside Environmental	(79)	(90)	(95)
Pavement Preservation	(63)	(75)	(79)
Bridge Program	(219)	(225)	(238)
Bridge Preservation	(49)	(60)	(64)
Contract Resurfacing	(476)	(475)	(503)
Undeclared Disasters including Snow and Ice	-	(94)	(94)
FEMA Disaster Funding	(61)	(28)	(28)
Total Maintenance	\$ (1,342)	\$ (1,410)	\$ (1,494)
<b>OTHER MODES</b>			
Integrated Mobility Division	\$ (105)	\$ (160)	\$ (17)
Integrated Mobility Division - New Starts	0	(31)	0
Ferry Operations	(57)	(44)	(49)
Railroad program	(37)	(76)	(34)
Airports	(121)	(236)	(127)
Total Other Modes	\$ (321)	\$ (546)	\$ (227)
<b>OTHER EXPENDITURES</b>			
Administration	\$ (369)	\$ (311)	\$ (343)
Transfers to Other State Agencies	(64)	(66)	(66)
Transfers to General & Emergency Fund/NCTA - GAP	(49)	(49)	(110)
State aid to municipalities	(148)	(132)	(141)
Debt Service	(88)	-	-
Other Programs	(38)	(19)	(19)
Total Other Expenditures	\$ (755)	\$ (577)	\$ (679)
<b>TOTAL EXPENDITURES</b>	\$ (6,031)	\$ (5,755)	\$ (5,961)
<b>OTHER CHANGES IN CASH</b>			
Working capital changes	\$ 6	\$ 125	\$ -
	\$ 195	\$ 125	\$ -
<b>NET CHANGE IN CASH</b>	\$ (168)	\$ 547	\$ 25
<b>CLOSING CASH BALANCE</b>	\$ 266	\$ 813	\$ 837

**Certified Budget vs HB77 - Highway Fund Appropriations  
2020-21**
**APPROVED 10/8**

	2020-21 Certified Budget	HB 77 changes	State Only Revised Certified	Total Spend Plan	Total Spent to Date	Difference \$	Difference %
				<i>*Includes Federal \$</i>			
DOT-General Administration	\$ 101,975,589	\$ (1,557,940)	\$ 100,417,649	\$ 84,160,239	\$ 23,547,089	\$ (60,613,150)	-72%
Highway Division Administration	33,048,043	(1,984,934)	31,063,109	32,198,043	6,275,782	(25,922,261)	-81%
Total Admin	\$ 135,023,632	\$ (3,542,874)	\$ 131,480,758	\$ 116,358,282	\$ 29,822,871	\$ (86,535,411)	-74%
Construction Program							
State Secondary System	12,000,000	(8,500,000)	3,500,000	3,500,000	623,723 *	(2,876,277)	-82%
Public Service Roads					60,036	60,036	
Division Small Urban					436,234	436,234	
Economic Development					675,945	675,945	
Spot Safety Improvements	12,100,000		12,100,000	9,000,000	1,690,105	(7,309,895)	-81%
Contingency Funds	12,000,000		12,000,000	9,000,000	525,741	(8,474,259)	-94%
Mobility Modernization	42,943,078	(41,443,078)	1,500,000	6,500,000	3,905,551	(2,594,449)	-40%
Total Construction Program	\$ 79,043,078	\$ (49,943,078)	\$ 29,100,000	\$ 28,000,000	\$ 7,917,335	\$ (20,082,665)	-72%
Maintenance Program							
General Maintenance Reserve	433,216,482	84,165,752	517,382,234	485,000,000	96,732,932	(388,267,068)	-80%
Contract Resurfacing	535,682,480	22,992,419	558,674,899	475,000,000	87,390,432	(387,609,568)	-82%
Bridge Program	273,967,830		273,967,830	225,000,000	30,524,017	(194,475,983)	-86%
Bridge Preservation	69,899,551		69,899,551	60,000,000	15,229,611	(44,770,389)	-75%
Roadside Environmental	101,328,653		101,328,653	90,000,000	20,821,124	(69,178,876)	-77%
Pavement Preservation	85,358,348		85,358,348	75,000,000	17,948,729	(57,051,271)	-76%
Total Maintenance Program	\$ 1,499,453,344	\$ 107,158,171	\$ 1,606,611,515	\$ 1,410,000,000	\$ 268,646,845	\$ (1,141,353,155)	-81%
Ferry Operations	50,879,026		50,879,026	45,879,026	11,200,386	(34,678,640)	-76%
State Aid to Municipalities	154,875,000	(17,795,301)	137,079,699	132,682,500	65,758,711	(66,923,789)	-50%
State Aid to Railroads	48,347,269	(12,200,000)	36,147,269	81,000,000	9,935,905 **	(71,064,095)	-88%
Integrated Mobility Division	94,393,444	(76,192,980)	18,200,464	191,310,518	17,971,284	(173,339,234)	-91%
Airports	140,946,918	(8,682,390)	132,264,528	254,084,810	69,361,640	(184,723,170)	-73%
Bike/Ped	761,549		761,549	761,549	82,067	(679,482)	-89%
OSHA Program	358,030		358,030	358,030	11,531	(346,499)	-97%
Governor's Highway Safety Program	267,914		267,914	13,800,000	3,163,734	(10,636,266)	-77%
Division of Motor Vehicles	143,396,106	(794,048)	142,602,058	135,000,000	25,223,110	(109,776,890)	-81%
Capital Improvements					2,367,229 ***	2,367,229	
Performance Energy Debt					51,117	51,117	
Non-System Streets					487,263	487,263	
MCSAP/DMV Grants	2,161,172		2,161,172	2,161,172	(4,178,805)	(6,339,977)	-293%
Total Misc	636,386,428	(115,664,719)	520,721,709	857,037,605	201,435,172	(655,602,433)	-76%
Total Department of Transportation	\$ 2,349,906,482	\$ (61,992,500)	\$ 2,287,913,982	\$ 2,411,395,887	\$ 507,822,223	\$ (1,903,573,664)	-79%



Transfers to Other State Agencies							
Agriculture	5,539,856		5,539,856	5,539,856	1,423,875	(4,115,981)	-74%
Revenue	5,415,158		5,415,158	5,415,158	745,198	(4,669,960)	-86%
OSC-BEST	525,408		525,408	525,408	139,374	(386,034)	-73%
State Ports Authority	5,500,000		5,500,000	5,500,000	5,500,000	-	0%
State Ethics Commission	56,816		56,816	56,816	10,208	(46,608)	-82%
DHHS - Chemical Test	581,675		581,675	581,675	145,419	(436,256)	-75%
Total Transfers to Other State Agencies	\$ 17,618,913	\$ -	\$ 17,618,913	\$ 17,618,913	\$ 7,964,074	\$ (9,654,839)	-55%
Reserves							
Minority Contractor Development	150,000		150,000	150,000		(150,000)	
State Fire Protection Grant	158,000		158,000	158,000		(158,000)	
Stormwater Discharge Permit	500,000		500,000	500,000		(500,000)	
Global Transpark	750,000		750,000	750,000	187,500	(562,500)	
Admin Reduction	(581,441)		(581,441)	(581,441)		581,441	
Salary Adjustment Fund	832,422		832,422	832,422		(832,422)	
Reserve for Call Center Consolidations	556,074		556,074	556,074		(556,074)	
Reserve for Legislative Increase	11,034,210		11,034,210	11,034,210		(11,034,210)	
Reserve for State Health Plan	3,411,891		3,411,891	3,411,891		(3,411,891)	
Short Term Disability	171,184		171,184	171,184		(171,184)	
Employer's Contribution to Retirement	10,884,765		10,884,765	10,884,765		(10,884,765)	
Total Reserves	\$ 27,867,105	\$ -	\$ 27,867,105	\$ 27,867,105	\$ 34,538,450	\$ 6,671,345	24%
Total Current Operations	2,395,392,500	(61,992,500)	2,333,400,000	2,456,881,905	550,324,747	(1,906,557,158)	
Total Highway Fund Appropriation	\$ 2,395,392,500	\$ (61,992,500)	\$ 2,333,400,000	\$ 2,456,881,905	\$ 550,324,747	\$ (1,906,557,158)	

### Certified Budget vs HB77 -Highway Trust Fund Appropriation 2020-21

	2020-21 Certified Budget	HB77 Changes	Revised Certified	Total Spend Plan		Difference \$	Difference %
Program Administration	\$ 35,626,560		\$ 35,626,560	\$ 35,626,560	\$ 7,602,410	\$ (28,024,150)	-79%
Bond Redemption	27,690,000		27,690,000	27,690,000		(27,690,000)	-100%
Bond Interest	29,134,500		29,134,500	29,134,500		(29,134,500)	-100%
Turnpike Authority	49,000,000		49,000,000	49,000,000	12,250,000	(36,750,000)	-75%
State Ports Authority	45,000,000		45,000,000	45,000,000	11,250,000	(33,750,000)	-75%
FHWA State Match	4,640,000		4,640,000	4,640,000	3,660,107	(979,893)	-21%
Transfer to Visitor Center	400,000		400,000	400,000		(400,000)	-100%
Strategic Prioritization & Other Capital Programs	1,465,308,940	(425,900,000)	1,039,408,940	3,190,627,035	719,765,445 ****	(2,470,861,590)	-77%
Total Trust Fund Appropriation	\$ 1,656,800,000	\$ (425,900,000)	\$ 1,230,900,000	\$ 3,382,118,095	\$ 754,527,962	\$ (2,627,590,133)	

\* Actuals for Secondary Construction from the Trust Fund are included

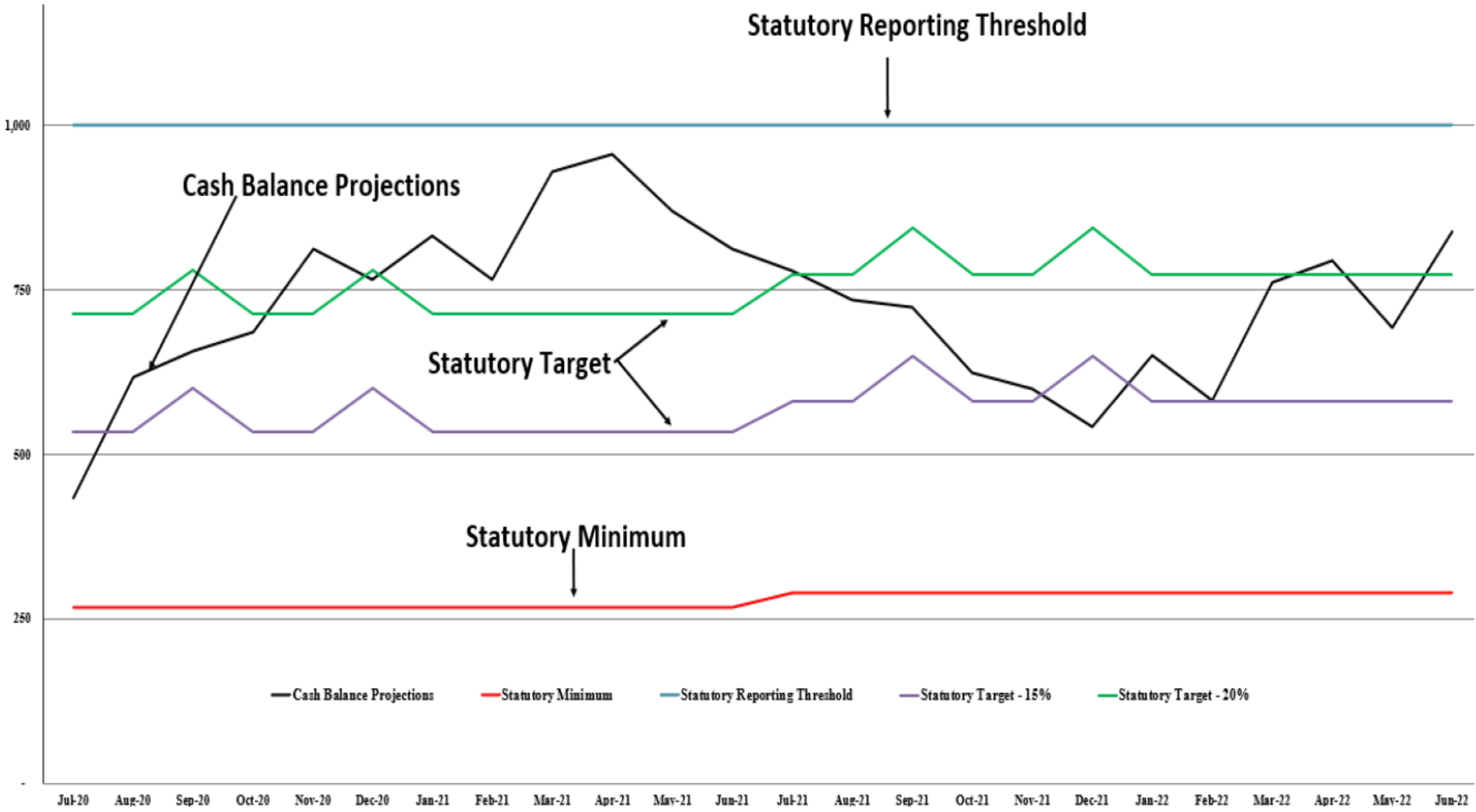
\*\* Actuals for Railroad Program from the Highway Trust Fund are included

\*\* Actuals for Capital Improvement from the Highway Trust Fund are included

\*\*\*\* Capital Program includes both the Highway Trust Fund and FHWA Funds in the Highway Fund

\$ 3,564,300,000	\$ 5,839,000,000	\$ 1,304,852,709	\$ (4,534,147,291)
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# 24 Month Forecast



## Updates Since Approved Spending Plan

- **Adjusted NCDOT 2021 Spend Plan has been modified to expand the categories for Other Construction and Maintenance per Board Member Requests**
- **September Actuals Have Been Updated**
- **September Construction Forecasts have been updated**
- **Aviation did not receive an anticipated federal discretionary grant requesting a decrease in the spend plan expenditure of \$25m (\$70m in federal spending to \$45m). The \$25m would also need to be excluded from Other Revenue.**
- **October anticipated ending cash balance is estimated to be \$685m versus \$549m as estimated in the approved spending plan, a difference of \$136m.**
- **Reviewing new revenue projections submitted collaboratively with OSBM**



Source: FPC/Baseline Forecasts/Cash Model SFY2021\_Approved 10\_08\_20.x

	Baseline Forecast					Actuals					% Δ	\$ Δ
	Jul-20	Aug-20	Sep-20	1st Qtr	YTD	Jul-20	Aug-20	Sep-20	1st Qtr	YTD	YTD	YTD
	1	2	3	SFY2021	SFY2021	1	2	3	SFY2021	SFY2021	SFY2021	SFY2021
<b>OPENING CASH BALANCE</b>	\$ 266	\$ 434	\$ 617	\$ 266		\$ 266	\$ 434	\$ 617	\$ 266			
<b>REVENUES</b>												
State revenues	\$ 409	\$ 329	\$ 304	\$ 1,042	\$ 1,042	\$ 409	\$ 329	\$ 349	\$ 1,087	\$ 1,087	4%	\$ 45
Federal aid	68	131	138	337	337	68	131	116	315	315	-7%	(22)
Federal aid - InfraGrant	0	5	-	6	6	0	5	9	15	15		9
Turnpike Federal Aid	1	0	-	1	1	1	0	0	2	2		0
Other	11	15	17	43	43	11	15	29	55	55	28%	12
	489	481	459	1,429	1,429	489	481	503	1,473	1,473	3%	44
<b>GARVEE REIMBURSEMENT FROM TRUSTEE</b>	3	40	33	76	76	3	40	26	69	69	-10%	(7)
<b>BUILDNC REIMBURSEMENT FROM TRUSTEE</b>	144	-	-	144	144	144	-	-	144	144	0%	-
<b>TOTAL REVENUES &amp; OTHER RECEIPTS</b>	\$ 636	\$ 521	\$ 492	\$ 1,649	\$ 1,649	\$ 636	\$ 521	\$ 529	\$ 1,686	\$ 1,686	2%	\$ 37
<b>CONSTRUCTION EXPENDITURES</b>												
Garvee Expenditures	(32)	(35)	(54)	(122)	(122)	(32)	(35)	(31)	(99)	(99)	-19%	23
Garvee Debt Service	-	(24)	-	(24)	(24)	-	(24)	-	(24)	(24)	0%	-
Division of Mitigation Services (Formerly EEP)	(0)	(5)	(4)	(9)	(9)	(0)	(5)	(0)	(6)	(6)	-42%	4
BUILDNC Expenditures	(19)	(21)	(50)	(90)	(90)	(19)	(21)	(25)	(65)	(65)	-28%	25
BUILDNC Debt Service	-	-	-	-	-	-	-	-	-	-		-
Strategic Transportation Initiative	(145)	(97)	-	(242)	(242)	(145)	(97)	(110)	(352)	(352)		(110)
NC Mobility Fund	0	(0)	-	0	0	0	(0)	(0)	0	0		(0)
TIP	(57)	(74)	(152)	(283)	(283)	(57)	(74)	(53)	(184)	(184)	-35%	99
TIP - Infragrant	(0)	(12)	(10)	(23)	(23)	(0)	(12)	(7)	(19)	(19)		4
Other Construction	(3)	(1)	(3)	(6)	(6)	(3)	(1)	(5)	(8)	(8)	36%	(2)
Turnpike Authority	(1)	(1)	(0)	(2)	(2)	(1)	(1)	(0)	(2)	(2)	9%	(0)
Internal Orders	3	(1)	(1)	1	1	3	(1)	3	5	5	356%	4
CMAQ	(3)	(3)	(3)	(8)	(8)	(3)	(3)	(3)	(9)	(9)	10%	(1)
Total Construction	\$ (257)	\$ (275)	\$ (276)	\$ (808)	\$ (808)	\$ (257)	\$ (275)	\$ (230)	\$ (762)	\$ (762)	-6%	\$ 46
<b>MAINTENANCE EXPENDITURES</b>												
Primary, Secondary, System Preservation	\$ (63)	\$ (52)	\$ (52)	\$ (167)	\$ (167)	\$ (63)	\$ (52)	\$ (57)	\$ (172)	\$ (172)	3%	\$ (5)
Contract Resurfacing	(35)	(29)	(22)	(86)	(86)	(35)	(29)	(23)	(87)	(87)	1%	(1)
Undeclared Disaster Funding Including Snow and Ice	-	-	-	-	-	-	-	-	-	-		-
Disaster Funding - FEMA	(2)	(5)	(3)	(9)	(9)	(2)	(5)	(3)	(10)	(10)	5%	(0)
Total Maintenance	\$ (100)	\$ (85)	\$ (77)	\$ (262)	\$ (262)	\$ (100)	\$ (85)	\$ (83)	\$ (269)	\$ (269)	2%	\$ (6)
<b>OTHER MODES</b>												
Public Transportation	\$ (9)	\$ (5)	\$ (3)	\$ (18)	\$ (18)	\$ (9)	\$ (5)	\$ (4)	\$ (18)	\$ (18)	1%	\$ (0)
Public Transportation - New Starts	0	0	(1)	(1)	(1)	0	0	0	-	-		1
Ferry Operations	(3)	(5)	(4)	(12)	(12)	(3)	(5)	(3)	(11)	(11)	-7%	1
Railroad program	(5)	(3)	(7)	(15)	(15)	(5)	(3)	(2)	(10)	(10)	-32%	5
Airports	(17)	(19)	(41)	(78)	(78)	(17)	(19)	(33)	(69)	(69)	-11%	8
Total Other Modes	\$ (34)	\$ (32)	\$ (57)	\$ (123)	\$ (123)	\$ (34)	\$ (32)	\$ (42)	\$ (108)	\$ (108)	-12%	\$ 14
<b>OTHER EXPENDITURES</b>												
Administration	\$ (18)	\$ (23)	\$ (25)	\$ (66)	\$ (66)	\$ (18)	\$ (23)	\$ (22)	\$ (63)	\$ (63)	-4%	\$ 3
Transfers to Other State Agencies	(2)	(0)	(16)	(18)	(18)	(2)	(0)	(17)	(19)	(19)	8%	(1)
Transfers to General Fund/NCTA - GAP Funds	-	(12)	-	(12)	(12)	0	(12)	0	(12)	(12)	0%	-
State aid to municipalities	-	-	(66)	(66)	(66)	0	0	(66)	(66)	(66)		1
Debt Service	-	-	-	-	-	0	0	0	-	-		-
Other Programs	(1)	(3)	(2)	(5)	(5)	(1)	(3)	(2)	(6)	(6)	11%	(1)
Total Other Expenditures	\$ (21)	\$ (38)	\$ (108)	\$ (168)	\$ (168)	\$ (21)	\$ (38)	\$ (107)	\$ (166)	\$ (166)	-1%	\$ 1
<b>TOTAL EXPENDITURES</b>	\$ (412)	\$ (430)	\$ (518)	\$ (1,360)	\$ (1,360)	\$ (412)	\$ (430)	\$ (462)	\$ (1,305)	\$ (1,305)	-4%	\$ 56
<b>OTHER CHANGES IN CASH</b>												
Working capital changes	\$ (55)	\$ 92	\$ 49	\$ 86	\$ 86	\$ (55)	\$ 92	\$ (28)	\$ 9	\$ 9		
	\$ (55)	\$ 92	\$ 49	\$ -	\$ -	\$ (55)	\$ 92	\$ (28)	\$ 9	\$ 9		
<b>NET CHANGE IN CASH</b>	\$ 168	\$ 183	\$ 23	\$ 374	\$ 374	\$ 168	\$ 183	\$ 39	\$ 390	\$ 390	4%	\$ 16
<b>CLOSING CASH BALANCE</b>	434	617	640	640		434	617	656	656			
<b>Operation Spend Plan</b>					(182)					(189)	4%	\$ (7)

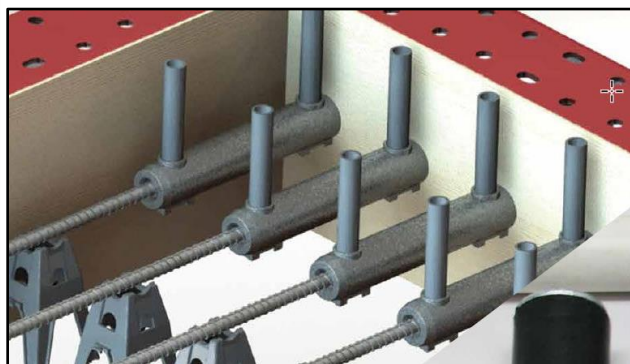


North Carolina Department of Transportation  
Materials and Tests Unit – Product Evaluation Program  
Innovative Technologies and Products Awareness Report  
November 4<sup>th</sup>, 2020

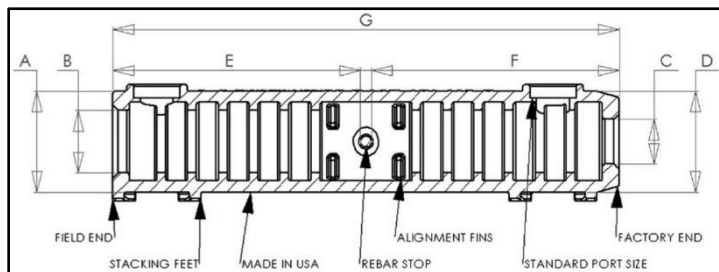


## PRODUCT HIGHLIGHT – D410 Sleeve Lock Grout Sleeve System

The D410 Sleeve Lock Grout Sleeve System is manufactured by Dayton Superior Corporation out of Miamisburg, Ohio. It is currently listed as under evaluation on the Approved Products List (APL) as NP20-8724. The D410 Sleeve Lock Grout Sleeve System consists of a cast iron sleeve with internal rebar positioning fins, sleeve lock grout, seal plug, plug, port plugs and  $\frac{3}{4}$ " SCH40 PVC. The D410 Sleeve Lock Grout Sleeve System is used to splice rebar in precast elements, developing a splice strength equal to or greater than the ultimate strength of the rebar. The system provides ultimate connection strength in 24 hours and is available in the following rebar sizes; #4, #6, #8, #10, #11, #14, and #18. For more information, please visit: [www.daytonsuperior.com](http://www.daytonsuperior.com).



View of multiple assembled D410 Sleeve Lock systems with rebar – image from D410 Sleeve Lock Application Guide



Side diagram of D410 Sleeve Lock – image from D410 Sleeve Lock Application Guide

## PRODUCT INNOVATION – SAFE-T-GRIP®



View of HFST aggregate overlay using SAFE-T-GRIP® 1:1 epoxy polymer on a concrete bridge deck – photograph from EPOPLEX website

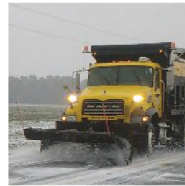
SAFE-T-GRIP® 1:1 is manufactured by EPOPLEX (A STONHARD Brand) out of Maple Shade, New Jersey. It is currently listed as under evaluation on the APL as NP20-8711. Safe-T-Grip® 1:1 is a two-component epoxy/amine cured polymer, that is designed for use with approved aggregates as a tough, durable, skid resistant, high friction surface treatment (HFST) bonded overlay. SAFE-T-GRIP® 1:1 can be applied to either concrete or asphalt surfaces as a long-lasting thin overlay to provide a skid resistant high friction surface in both wet and dry weather conditions. It has a 3-hour compressive strength of 1,700 psi and a 7-day compressive strength of 5,300 psi. For more information, please visit:

[www.epoplex.com/products/epoxy-overlay/](http://www.epoplex.com/products/epoxy-overlay/)



## **NORTH CAROLINA**

Department of Transportation



# August Redistribution and Federal Update

H. Tasaico, PE

November 4, 2020

# Background - Federal Aid Key Terminology

## The Four “A” & Two “O” Words

- Authorizations – set upper limit of funding
- Appropriation – set specific amount
- Apportionment – statutory formula distribution to states
  - All state are recipients
- Allocation – administrative distribution to specific programs
  - Not all state are recipients
- Obligation – commitment to reimburse states for eligible costs
- Outlay - payment to states for eligible cost incurred



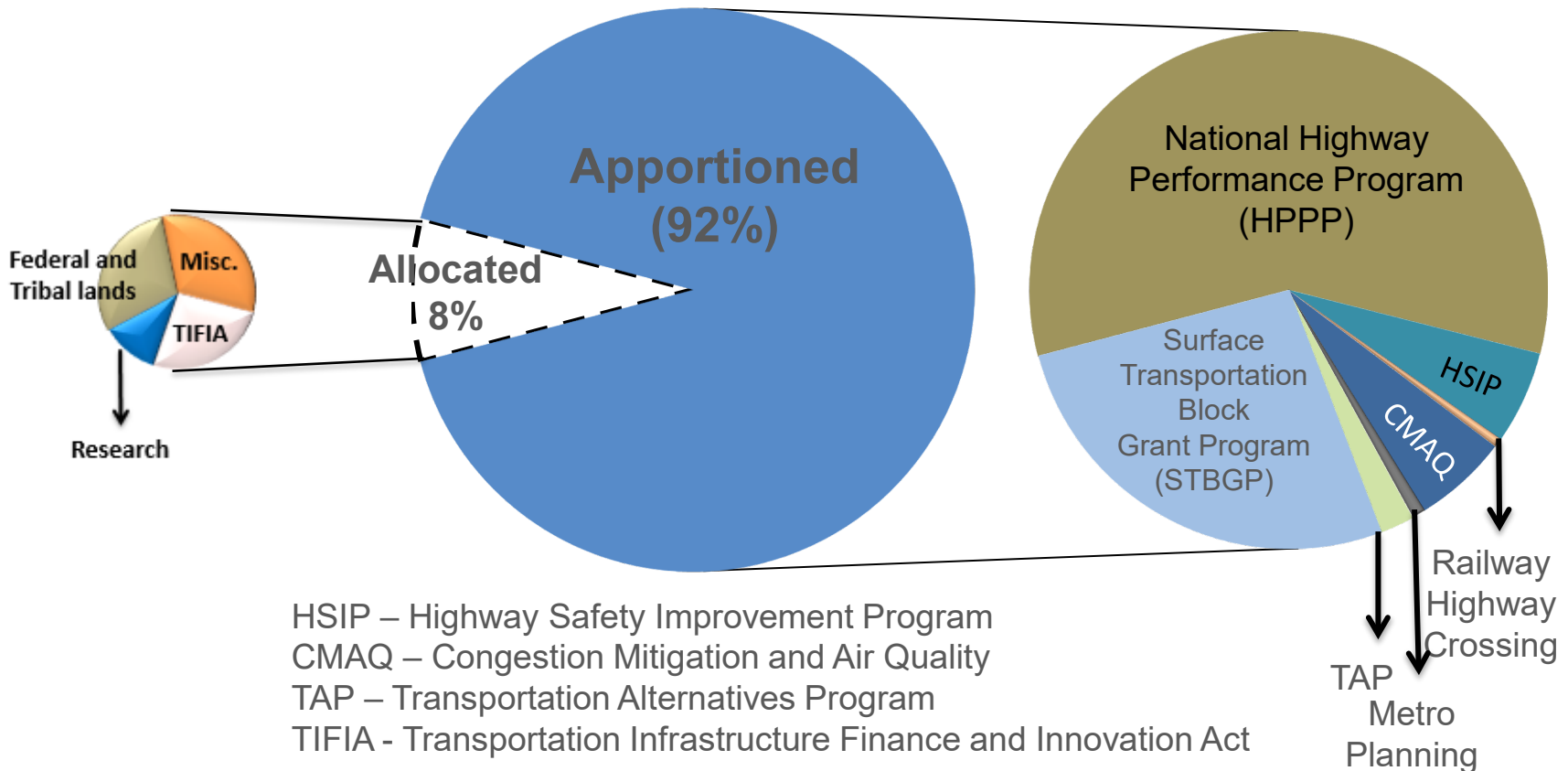
# FAST Highway Funds – Allocated vs Apportioned

## Allocated (8%)

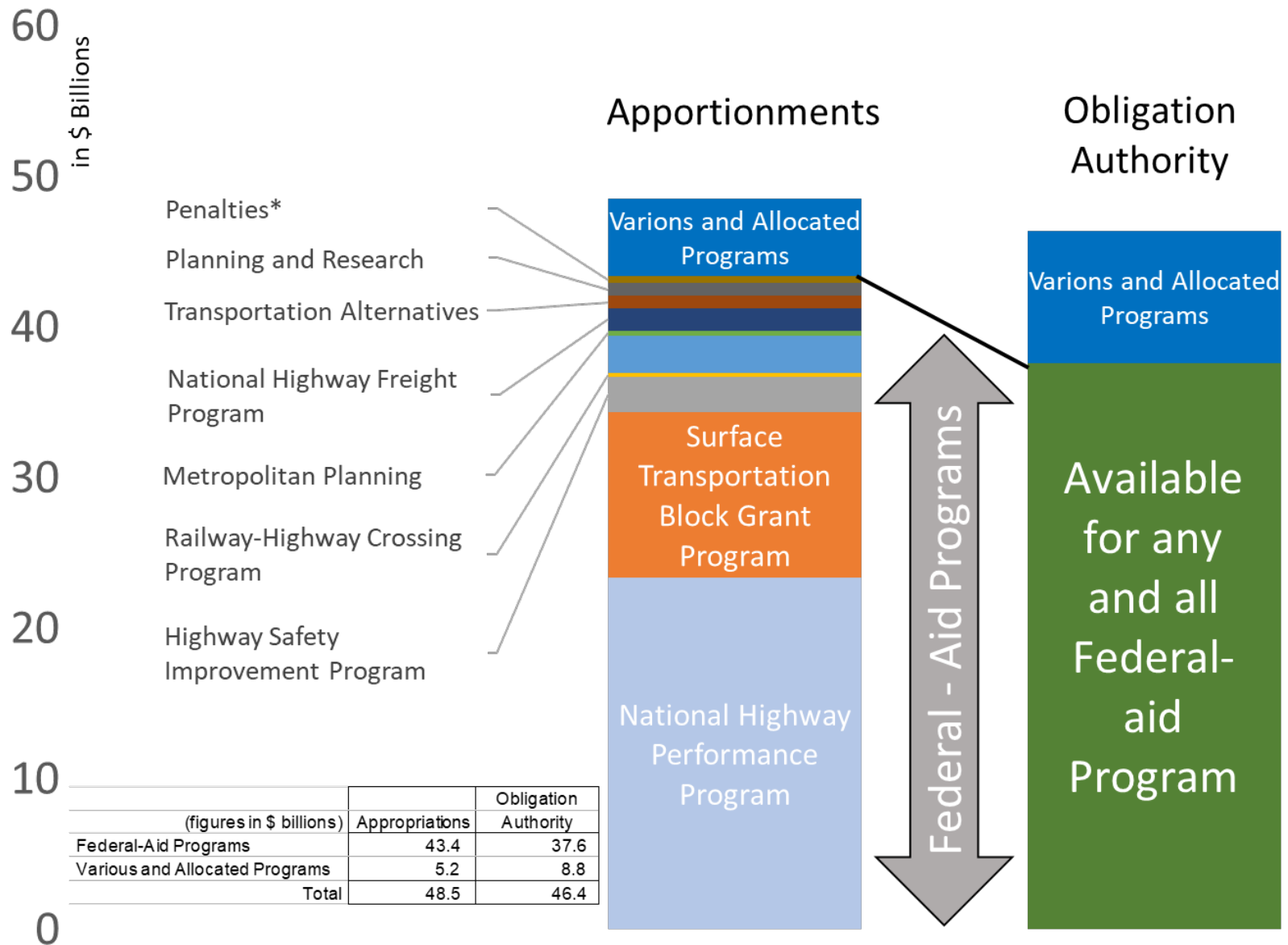
- No formula specified by law
- Distributed throughout the year
- Discretionary grants may be withdrawn by administrative action
- Only some States are recipients

## Apportioned (92%)

- Distributed by formula specified in law
- Distributed on October 1<sup>st</sup>
- Withdrawn only by law
- All States are recipients



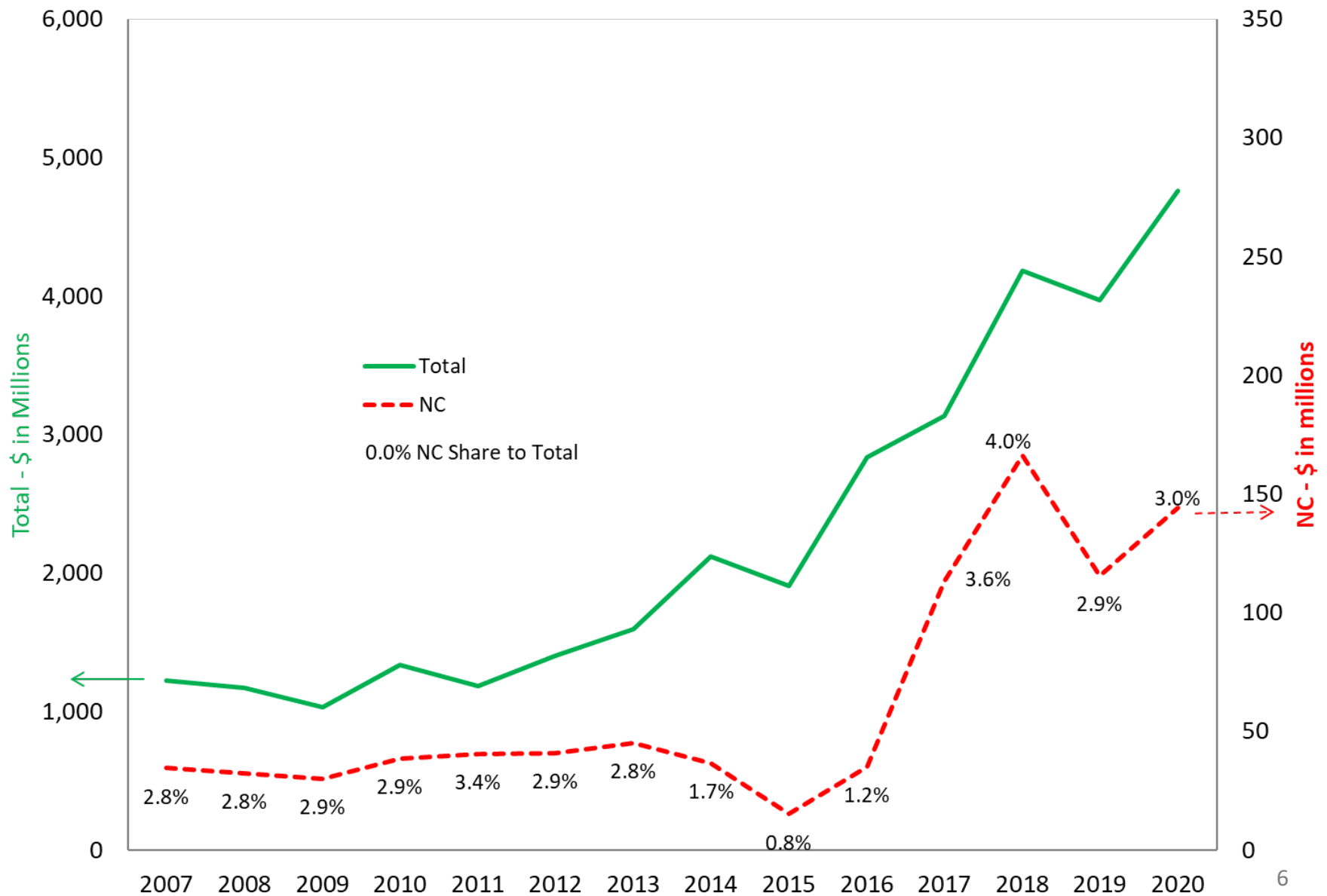
# Highway Funds – Apportionment and Obligation Authority



## August Redistribution - Purpose

- Required pursuant to the annual appropriations act
- Redistributes the obligation limitation
  - From those States and programs that are unable to obligate their share of the full obligation ceiling
  - To States that can obligate more than their initial share of the ceiling
- Ensures that all one-year obligation limitation is used each fiscal year so that it does not expire

# US and NC August Redistribution



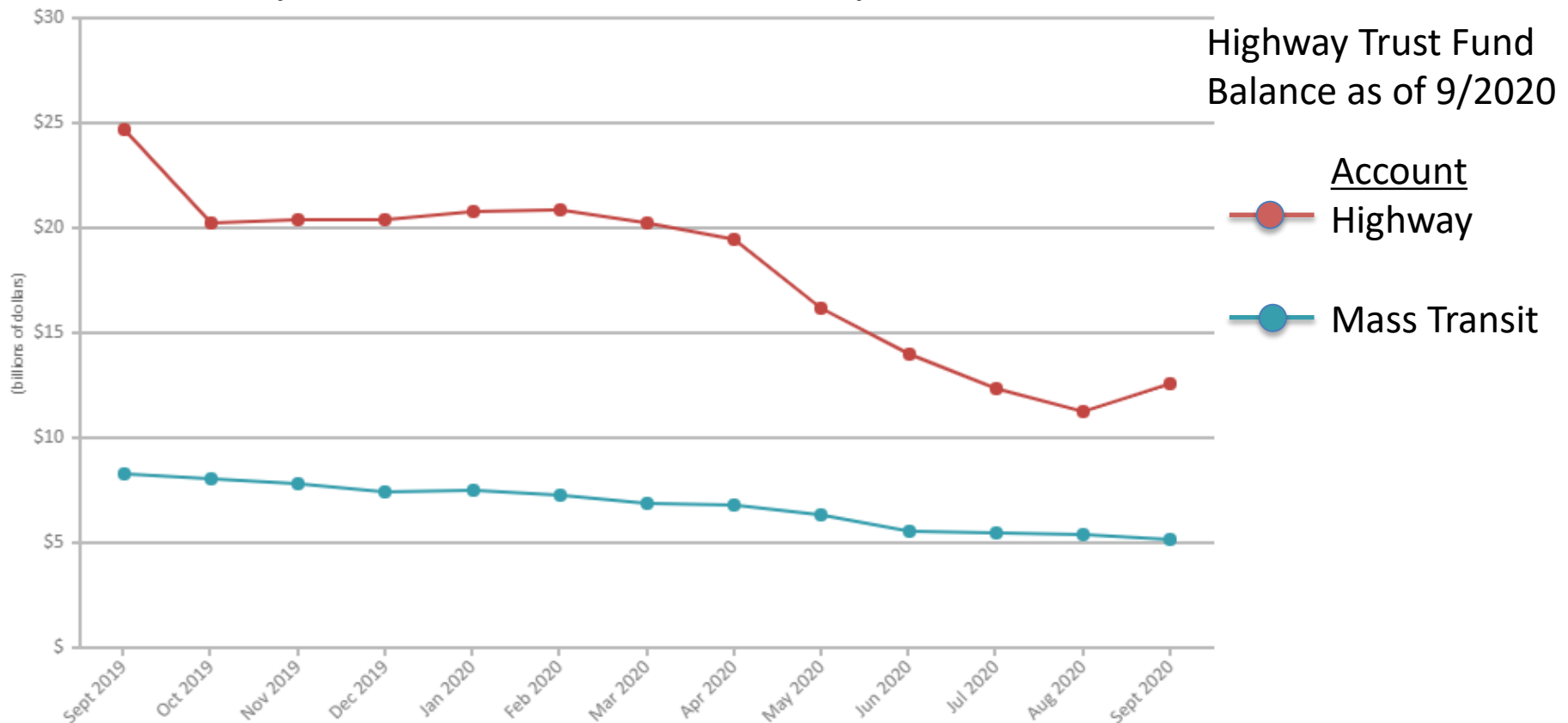


# FFY 2020 - Obligation Authority Comparison

Obligation Authority (OA)			August Redistribution (AR)			OA + AR		
State	Rank	Share	State	Rank	Share	State	Rank	Share
Texas	1	9.57%	California	1	10.37%	Texas	1	9.60%
California	2	9.42%	Texas	2	9.87%	California	2	9.53%
Florida	3	4.95%	New York	3	5.89%	Florida	3	4.93%
Pennsylvania	4	4.29%	Florida	4	4.76%	Pennsylvania	4	4.31%
New York	5	3.76%	Pennsylvania	5	4.42%	New York	5	4.00%
Illinois	6	3.51%	Ohio	6	3.64%	Illinois	6	3.50%
Ohio	7	3.43%	Illinois	7	3.46%	Ohio	7	3.46%
Georgia	8	3.36%	Missouri	8	3.20%	Georgia	8	3.07%
Michigan	9	2.75%	New Jersey	9	3.15%	North Carolina	9	2.76%
North Carolina	10	2.73%	North Carolina	10	3.02%	Michigan	10	2.68%

# Federal Status (10/30/2020)

## ■ No clear path to next COVID-19 response



### Balance Thresholds

Highway \$4B

Transit \$1B

### Actions FHWA may take

- Move from daily to weekly reimbursements
- Align reimbursements with Trust Fund deposits (twice monthly)
- Make proportional payments to States based on available Trust Fund cash
- Others depending on exact nature of shortfall

<https://www.fhwa.dot.gov/highwaytrustfund/>

# FFY 2021 – Appropriations

HR8337 – 1<sup>st</sup> CR to December 11 (72 days)

- Introduce in House 9/22
- Signed by President 10/1
- FHWA Notice 10/13
- FAST Act one-year extension and \$13.6B transfer to Federal HTF

	Total	NC
FFY 2021 (annual) <sup>1</sup>	\$43.4B	\$1.1B
N4520.267 (19.73%) <sup>2</sup>	9.1B	197.5M

2<sup>nd</sup>, 3<sup>rd</sup> CRs to .....(?? Days)

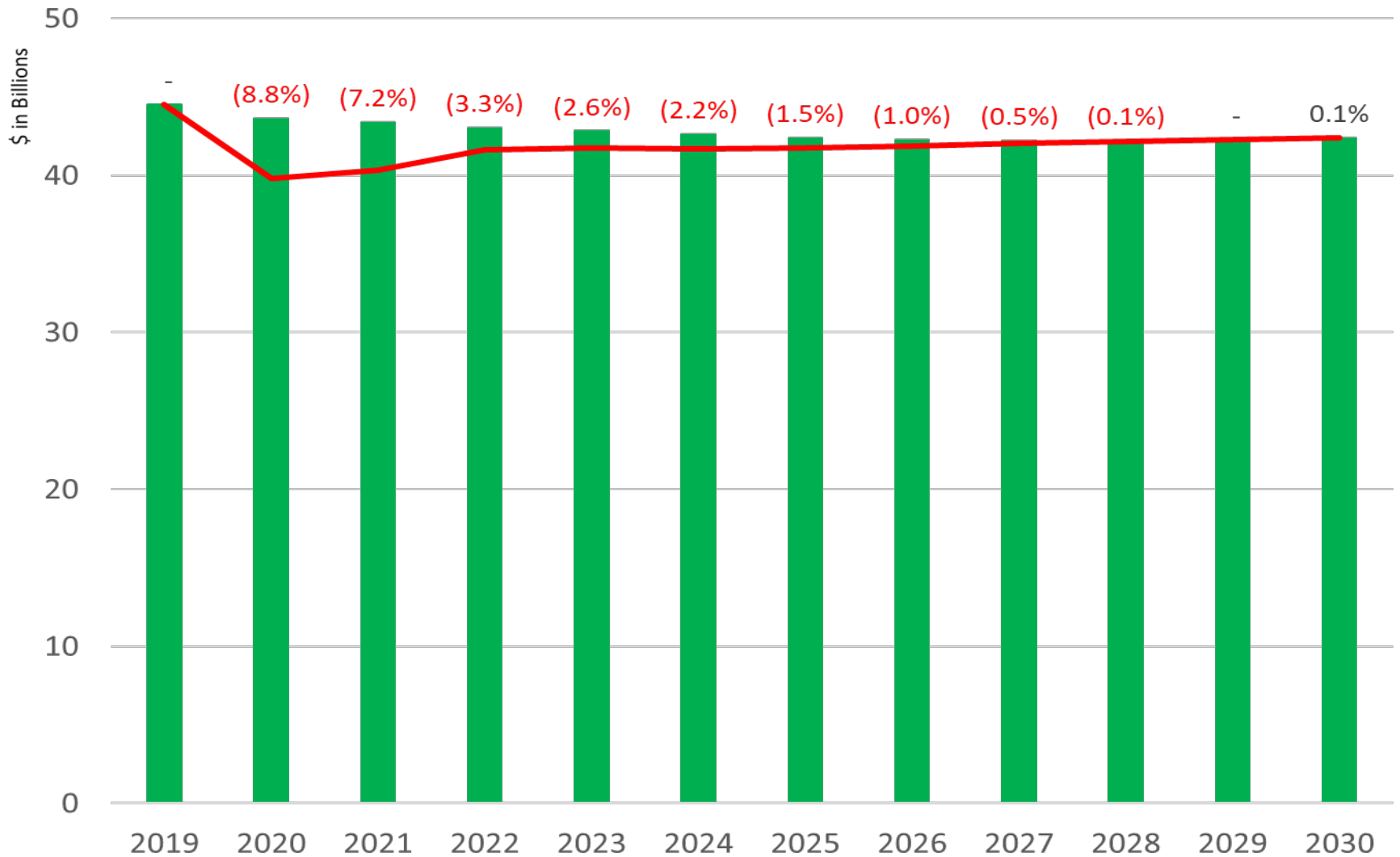
	Total	NC
FFY 2021 (annual)		

<sup>1</sup> Apportionment

<sup>2</sup> Obligation Authority

# CBO Forecast Comparison

(in Federal Fiscal Years)



CBO – Congressional Budget Office

Note: 2020 Actuals were -1.5% below January/2020 Forecast

Jan-20 Sep-20 10



## **North Carolina Department of Transportation Use of Bond Proceeds**

As prescribed by Session Law 2020-91 Section 5.1(a)(f) titled *Board of Transportation Restructure: Duties and Powers of the Board* specifically (1c):

- To review and approve the Department's use of bonds, including for federally funded projects.

All of the proceeds of the issuance of Build NC Bonds will be used on "currently existing projects" as that term is defined in S.L. 2020-91 Section 4.3(c).

The Board of Transportation is scheduled to vote on the Department's Use of Bond Proceeds during its October 8, 2020 meeting.



# ADVANCED TECHNOLOGY COMMITTEE MEETING MINUTES

DATE: 12/4/19 TIME: 11:15 am LOCATION: EIC

MEETING CALLED BY	Chairwoman Nina Szlosberg-Landis called the meeting to order.
BOARD ATTENDEES	Nina Szlosberg-Landis, Tony Lathrop, Billy Clarke, Dirk Cody, Landon Zimmer, John Pope

## AGENDA TOPICS

<b>1. APPROVAL OF MEETING MINUTES – CHAIRWOMAN NINA SZLOSBERG-LANDIS</b>	
DISCUSSION SUMMARY	Chair Szlosberg-Landis stated that the meeting minutes were distributed prior to the meeting, and if there are no additions or corrections, the Chair would accept a motion that the minutes from the November 6, 2019 meeting minutes be approved as submitted.
ACTIONS TAKEN	A motion was made by Board Member Clarke. It was seconded by Board Member Cody to approve the meeting minutes as distributed. The committee voted unanimously to approve the meeting minutes.

<b>2. BUILDING A CULTURE OF INNOVATION – CHIEF DEPUTY SECRETARY, DAVID HOWARD AND KRISTAL HIGH</b>	
DISCUSSION SUMMARY	<p>An overview was presented on NC-TIC (Transportation Innovation Council) Work Groups and Priorities.</p> <p>A brief history of FHWA NC-TIC program &amp; processes was explained as well as the restructuring plan to include Innovation, Academia and Industry work groups. Each work group roles of responsibility to the Department were discussed.</p>
ACTIONS TAKEN	N/A

<b>3. CHAIRWOMAN, NINA SZLOGSBERG-LANDIS</b>	
DISCUSSION SUMMARY	Committee members should be prepared to work towards crafting a policy statement to present to the full board in February of 2020 and receive full board approval in March of 2020.
ACTIONS TAKEN	N/A

MEETING ADJOURNED (TIME): 11:50 AM



# ADVANCED TECHNOLOGIES COMMITTEE (ATC) AGENDA

## BOARD OF TRANSPORTATION OCTOBER 7, 2020

**TIME: 3:00PM**

**LOCATION: Teleconference**

Members of the public may listen to the meeting by  
using the following call-in # 1 (646) 749-3122 and  
Access Code: 523-800-021

TOPIC	PRESENTER	TIME
Call to Order Roll Call Declaration of Quorum Approval of December 4, 2019 and February 5, 2020 Meeting Minutes	Valerie Jordan, Co-Chair	3:00-3:05
Committee Overview and Planning Session	Valerie Jordan, Co-Chair	3:05-3:10
ATC 12-24 Month Recap	David Howard, Chief Deputy Secretary	3:10-3:30
Preview on Virtual Research & Innovation Summit	Neil Mastin and Kristal High, Rebecca Gallis, Claire Fullerton	3:30-3:50
Other Discussion	David Howard, Chief Deputy Secretary	3:50-3:55
Adjourn	Valerie Jordan, Co-Chair	3:55-4:00







# AUDIT COMMITTEE MEETING MINUTES

DATE: 10/7/2020 TIME: 10:00am LOCATION: Via Microsoft Teams

MEETING CALLED BY	Chairman Perkins
BOARD ATTENDEES	Andy Perkins, Mike Fox, Andy Wells, Brad Lail, Tony Lathrop, Chuck McGrady

## AGENDA TOPICS

1. CALL TO ORDER, ROLL CALL, DECLARATION OF QUORUM, NON-CONFLICT STATEMENT AND CONSIDERATION OF THE SEPTEMBER 2, 2020 MEETING MINUTES – CHAIRMAN PERKINS	
DISCUSSION SUMMARY	<p>Chairman Perkins stated for members that given the circumstances surrounding COVID-19 and the change in law related to public meetings, the meeting will include the following:</p> <ul style="list-style-type: none"><li>• <i>implementing a roll call voting system for all actions</i></li><li>• <i>ensuring that the meeting minutes of the remote meeting reflect that the meeting was conducted by use of simultaneous communication, denoting the name of members participating by simultaneous communication, and recording when members join or leave the remote meeting</i></li></ul> <p>Additionally, Chairman Perkins stated that he would like to take this time to also remind members that all chats, instant messages, texts, or other written communications between members of the Board regarding the transaction of the public business during this remote meeting are deemed a public record</p> <p>Chairman Perkins called the meeting to order, conducted a roll call of members present, and declared a quorum was present.</p> <p>Chairman Perkins read the non-conflict/ethics statement and asked if there were any known conflicts or appearances of conflicts of interest. None were noted.</p> <p>Chairman Perkins stated the meeting minutes were distributed prior to the meeting, and if there are no additions or corrections, the Chair would accept a motion that the minutes from the September 2, 2020 meeting be approved as submitted.</p>
ACTIONS TAKEN	<p>Chairman Perkins asked for a motion to approve the September 2, 2020 meeting minutes.</p> <p>Board member Fox made the motion to approve the minutes and Board member Lathrop provided the second.</p> <p>Chairman Perkins took a roll call vote. Board members Fox, Wells, Lail, Lathrop and Perkins (Board member McGrady abstained as he recently became a member on the Committee) individually voted in favor of approving the minutes and the September 2, 2020 minutes were approved unanimously.</p>



# AUDIT COMMITTEE MEETING MINUTES

## 2. OIG UPDATES – MARY MORTON

### DISCUSSION SUMMARY

Ms. Morton presented and discussed the proposed FYE 2021 Internal Audit workplan as follows:

A brief overview of the introduction (page 3) to include preparation of a risk-based work plan in accordance with the auditing standards.

The methodology utilized to complete the risk assessment (beginning page 4) to include identifying auditable areas within the agency; determined through review of organizational charts, verification of executive and senior levels of management span of control and risk assessment questionnaires. Eight risk categories were identified and aligned with risk events impacting or those that could potentially impact the agency. Assessment questionnaires were developed based on the risk factors and events and were distributed to executive and senior levels of management throughout the agency. Eight risk factors identified were as follows:

- 1) Financial Management: risks related to financial exposure such as budget development, revenue and expenditure monitoring
- 2) Operations: risks related to business processes, objectives, grant administration, asset management, operational data, etc.
- 3) Information Security Management: risks related safeguarding access to information systems
- 4) Human Capital: risks related to staffing resources
- 5) Management, Information and Communication: risks related to ethical values, changes in management, tone at the top, etc.
- 6) Compliance: risks related to external audits/reviews and corrective action plans
- 7) CARES Act: risks related to administration of CARES Act funding
- 8) COVID-19 Pandemic: risks related to ongoing challenges resulting from pandemic impact

Responses to assessment questionnaires were evaluated as high, moderate or low risk and a risk matrix was developed and utilized to evaluate responses. Weight factors were assigned to each risk factor and to the impact and likelihood of occurrence for each risk factor. A composite score was calculated for each risk category and auditable activities were identified for inclusion in the proposed audit work plan. The highest areas of risks were identified in the Financial Management, Operations, Information Security and CARES Act categories.

The proposed work plan was then developed utilizing the following methodology (beginning page 5): 1) Carried forward FYE 2020 engagements already in progress (eight engagements); 2) Reviewed FYE 2020 audit work plan and determined one engagement of a higher risk which has not started and carried forward to the FYE 2021 plan; 3) Included the reoccurring EAGLE internal controls engagement; 4) identified seven engagements resulting from the risk assessment; 5) Allocated available staffing hours to the plan engagements; 6) Allocated reserve of unscheduled audit hours for management requests.

For engagements identified through the risk assessment, general audit objectives are included in the workplan. Specific objectives will be determined during the planning phases of the engagements. During the planning phases, the Internal Audit Unit will further refine and confirm areas of risks and develop specific audit objectives. Most audits included in the plan will be conducted as performance audits. The proposed hours are preliminary estimates and will be further refined during the planning phases for the engagements.



# AUDIT COMMITTEE MEETING MINUTES

The proposed plan (page 7) was then discussed – the engagements in progress, the carryforward engagements, the reoccurring engagement and the engagements resulting from the risk assessment. Additional details were provided on the scope for proposed current year assessment engagements as follows:

Financial Management: process/controls over the agency financial management and related oversight. Focus on process implementation, effectiveness.

Procurement: alignment of various procurement functions and statutory compliance. Currently all procurement functions are not aligned through the central financial management division.

CARES Act – administration of funding at the state and subrecipient levels to ensure compliance.

Expenditure review – review of purchasing card expenditures for reasonableness and compliance. (Note: Ms. Morton informed Committee she detected an error in the audit objectives section for this engagement and has since made the correction. The audit objective should read “Review of purchasing card expenditures for reasonableness and compliance.”)

DBE Program: review of certification process and related monitoring controls for fraud detection and prevention.

Data Management: evaluation of data governance practices – data accountability/reliability, management and protection

Information Security: access management related to onboarding and offboarding for employees and contractors and related controls.

Committee questions and comments followed. Board member (Member) Wells noted five auditors are assigned to the work plan (as noted on page 6); however, the Program Evaluation report indicated there are 15 auditors and inquired about the discrepancy. Ms. Morton provided the audit work plan is for the Internal Audit and Single Audit Compliance unit within OIG, which is comprised of five auditors. This Unit performs audit work in accordance with the auditing standards. The remaining audit positions are in the CURT unit (7 audit positions), which focuses on reviews of consultant overhead reviews, pre-award reviews and consultant invoice reviews; the Investigations Unit (2 audit positions) which focus on fraud, waste, abuse and the Audit Director. Member Wells requested the position information in writing and Ms. Morton provided she would email the information to the Committee members. Members Wells stated an argument could be made for more internal audit positions as there is discussion there should be 20 auditors given the size of the agency. Chairman Perkins stated conversations have occurred with the Secretary about staffing resources to include utilizing HBCU programs and universities and Perkins stated the audit plan is ambitious for five auditors and additional assistance is needed. Audit positions were cut in HB 77. Committee is continuing to evaluate and explore solutions to augment staff. Morton stated she is also working with the Secretary on funding to use supplemental staffing resources. Member Lail expressed appreciation for information security being scored as higher risk due to the known government system breaches and emphasized the importance of keeping that in mind. Chairman Perkins expressed appreciation for inclusion of construction pre-award and change management in the plan as it is important to see how change orders originate and any related markup. Member Wells expressed concerns related to a DMV matter and the timeline for depositing checks which are mailed to DMV and with DMV informing the public it takes eight weeks to deposit checks. Morton commented DMV is working through the backlog in operations. Member Wells stated based on agency cash needs, this is a concern as well as the public message. Chairman Perkins provided the unscheduled audit plan hours can be



# AUDIT COMMITTEE MEETING MINUTES

	<p>used to evaluate the concerns with depositing checks. Member Wells provided there are additional concerns with DMV related to internal operations forcing people to send in checks rather than using credit cards to avoid fees and how successful retailers are willing to accept credit card fees and the agency should consider automating the process to increase credit card use considering technology and modernization for the future. Chairman Perkins indicated the need to investigate automating DMV credit card acceptance and related fees. Member Fox stated these are all great questions and comments and it is about good customer service. Member Fox commented sometimes this means absorbing fees as a cost to provide good customer service. Member Fox further commented on the complications that have arisen since the agency started collecting property taxes for local governments. The agency does not receive any compensation for serving as the collection agency for local governments and therefore the agency does not take on absorbing the credit card fees. Legislative action may be needed to address this concern. Member Lail commented the agency should receive compensation for serving as the collection agency. Member Wells also stated same and stated given the agency's financial challenges, if there is no compensation, the responsibility for collections should revert to local governments. Member Lathrop further confirmed agency is not compensated for collection of local government taxes and the local government should compensate the agency. Chairman Perkins inquired if the tax collection process and potential reversion to local governments can be investigated by Morton and team. Member Fox provided a DMV Committee meeting was scheduled for later today and he would raise these questions during the meeting and will report back to the Committee. Chairman Perkins inquired if there were any additional questions. No additional questions were presented.</p> <p>Ms. Morton provided that each member also received an updated Internal Audit engagement progress report in their Committee materials.</p>
<b>ACTIONS TAKEN</b>	<p>Chairman Perkins asked for a motion to take the proposed FYE 2021 Internal Audit work plan to the full Board for review over the next thirty days and the Committee would move to final approval of the proposed plan during the next Committee meeting.</p> <p>Member Fox made the motion to approve and Member McGrady provided the second.</p> <p>Chairman Perkins took a roll call vote. Members Fox, Wells, Lail, Lathrop, McGrady and Perkins individually voted in favor to take the proposed FYE 2021 Internal Audit work plan to the full Board for review over the next 30 days and Committee approval during the next Committee meeting.</p>
<b>3. Adjournment</b>	
<b>ACTIONS TAKEN</b>	<p>Chairman Perkins stated if there are no further items in need of discussion, he would accept a motion to adjourn the meeting.</p> <p>Member McGrady made the motion to adjourn the meeting and Member Fox provided the second.</p> <p>Chairman Perkins took a roll call vote. Members Fox, Wells, Lail, Lathrop, McGrady and Perkins individually voted in favor of adjourning and the meeting was adjourned.</p>



## AUDIT COMMITTEE AGENDA

### BOARD OF TRANSPORTATION NOVEMBER 4, 2020

**TIME: 9:30am**

**LOCATION: via Microsoft Teams**

TOPIC	PRESENTER	TIME
Call to Order	Andy Perkins, Chair	2 minutes
<ul style="list-style-type: none"><li>• Approval of October 7, 2020 Committee Minutes</li><li>• OIG Activity Report</li><li>• Approval of FYE 2021 Audit Plan</li><li>• Approval of Revisions to OIG Charter</li></ul>	Mary Morton, NCDOT Inspector General	27 minutes
Adjourn	Andy Perkins, Chair	1 minute



# NC DMV COMMITTEE MEETING MINUTES

**DATE:** 8/7/2019 **TIME:** 4:00 PM – 5:00 PM **LOCATION:** Highway Building / Room 150

<b>MEETING CALLED BY</b>	Mike Alford, Chairman
<b>BOARD ATTENDEES</b>	Chairman Michael Alford, Vice Chairman John Pope, Cullie Tarleton, Grady Hunt, Andy Perkins

## AGENDA TOPICS

<b>1. CALL TO ORDER - MIKE ALFORD</b>	
<b>DISCUSSION SUMMARY</b>	Roll Call Declaration of Quorum Consideration of the June 5, 2019 Meeting Minutes
<b>ACTIONS TAKEN</b>	The June 5, 2020 meeting minutes were approved unanimously.
<b>2. 10-DAY TAG - REBA CALVERT, PROGRAM SUPERVISOR</b>	
<b>DISCUSSION SUMMARY</b>	Reba Calvert presented a Power Point Presentation (PPT) about the 10-Day Tag Implementation.
<b>ACTIONS TAKEN</b>	None taken.
<b>3. PEAK SEASON UPDATE &amp; SCORECARDS - PATT TALVANNA, CONSULTANT</b>	
<b>DISCUSSION SUMMARY</b>	Patt Talvanna presented a Power Point Presentation (PPT) regarding Peak Season & Scorecard Implementation at Driver License Offices.
<b>ACTIONS TAKEN</b>	None taken.
<b>4. FINAL WORDS / ADJOURN – MICHAEL ALFORD</b>	
<b>DISCUSSION SUMMARY</b>	Commissioner Jessup – NC DMV will be unveiling our strategic plan soon.
<b>ACTIONS TAKEN</b>	The meeting was adjourned.



# DEPARTMENT OF MOTOR VEHICLE (DMV) COMMITTEE AGENDA

## BOARD OF TRANSPORTATION OCTOBER 7, 2020

**TIME: 4:00PM**

**LOCATION: Teleconference**

Members of the public may listen to the meeting by using the following call-in # 1 (224) 501-3412 and Access Code: 996-364-277

TOPIC	PRESENTER(S)	TIME
Call to Order Roll Call Declaration of Quorum Approval of August 7, 2019 Meeting Minutes	Billy Clarke, Chair	4:00pm
Committee Overview and Planning Session	Commissioner Torre Jessup	4:05pm
DMV HQ Move Update	Portia Manley, Director of Vehicle Services	4:20pm
Q & A	Rachel Fleming	
Other Discussion	Billy Clarke, Chair	4:50pm
Adjourn	Billy Clarke, Chair	5:00pm



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

DATE: 09/02/20 TIME: 2:00pm LOCATION: Conference Call

MEETING CALLED BY	Chairman Thomas Taft.
BOARD ATTENDEES	Grady Hunt, Melvin Mitchell, Cullie Tarleton, Dirk Cody, Stephen Rosenburgh

### AGENDA TOPICS

1. CALL TO ORDER AND APPROVAL OF MARCH 4, 2020 MINUTES - CHAIRMAN THOMAS TAFT	
DISCUSSION SUMMARY	Chairman Thomas Taft called the meeting to order at approximately 2:18pm on September 02, 2020. Chairman Taft confirmed committee members attendance through roll call and declared a quorum.
ACTIONS TAKEN	Chairman Taft asked for a motion to approve the minutes from the March 4, 2020 meeting be approved as submitted. A motion was made by Board member Stephen Rosenburgh. It was seconded by Board member Cullie Tarleton. The committee voted unanimously through roll call to approve the meeting minutes.
2. OPENING REMARKS - CHAIRMAN THOMAS TAFT	
DISCUSSION SUMMARY	Chairman Taft welcomed everyone and provided a recap of the topics discussed in meetings held within the last couple of years.
ACTIONS TAKEN	No action taken.
3. COMMITTEE DISCUSSION AND PLANNING – CHAIRMAN THOMAS TAFT	
DISCUSSION SUMMARY	<p>Chairman Taft had an open discussion on the trajectory and mandate of the committee. The committee members then engaged in an open discussion regarding workforce development and ensuring economic development opportunities that the committee works on are spread evenly across the state and not focused on one particular region. Additionally, a discussion was had on how ports both inland and maritime can be a huge catalyst for economic development and keep us competitive with our neighbors from the north and south. Lastly, a discussion was had on how to better communicate to the general assembly with one unified voice.</p> <p>Chairman Taft, introduced John Rouse, Executive Director of the Global TransPark and provided a brief overview of Mr. Rouse's role with the EDIR committee.</p>
ACTIONS TAKEN	No action taken.

Meeting adjourned at 2:50pm





## ECONOMIC DEVELOPMENT AND INTERGOVERNMENTAL RELATIONS (EDIR) COMMITTEE

### AGENDA

### BOARD OF TRANSPORTATION NOVEMBER 4, 2020

**TIME: 2:45PM – 3:45PM**

**LOCATION: Teleconference**

TOPIC	PRESENTER	TIME
Call to Order Roll Call Declaration of Quorum Approval of September 2, 2020 Committee Meeting Minutes	Thomas Taft, Chair	2:45 – 2:50pm
Opening Remarks	Thomas Taft, Chair	2:50 – 2:55pm
Economic Impact of Interstate Highways	Dana Magliola, Strategic Planning/Logistics Analyst	2:55 – 3:30pm
Interstate Designation Process	Kevin Lacy,	3:30 – 3:45pm
Adjourn	Thomas Taft, Chair	Adjourn



## NORTH CAROLINA

Department of Transportation



# Economic Impacts of Interstate Highways

Dana Magliola

Office of Logistics + Freight, NCDOT

*Economic Development + Intergovernmental Relations Committee*

4 November 2020



# Introduction+



## Dana Magliola

- NCDOT Office of Logistics + Freight
- Supply chain/freight PM, SME at NCDOT
- Maritime + freight forwarding background
- Connecting transportation planning, strategy, and investment to commerce + industry



MAERSK



*I welcome questions + discussion during the presentation.*

## Two Key Viewpoints for Analysis

- Economic Impacts + Relevant Dynamics
- Economic Development Sector Priorities



*Railroad Crossings Bridged (1934) Carl Rakeman*





# Improvements + Supply Chain Efficiencies

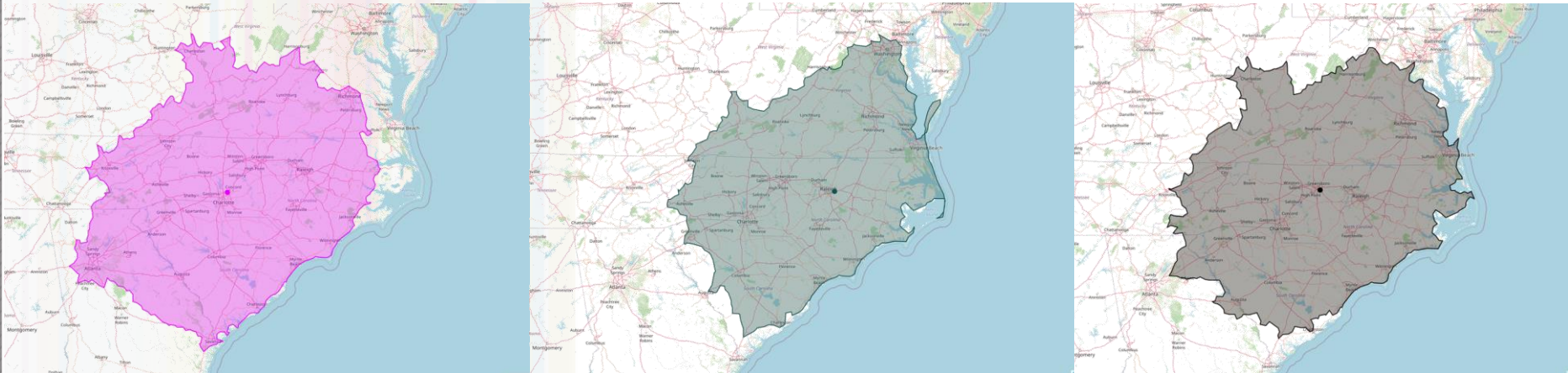
- Lowered overall cost of transportation for industry
- Improved travel time reliability + supply chain predictability
- Reduced inventory requirements, increasing working capital, improving industrial + commercial re-investment
- Efficiencies have enabled implementation of JIT or other low-WIP manufacturing practices
- Improved domestic supplier access, cost + choice for companies
- Improved access to the domestic marketplace + international freight assets for international markets
- **Improved overall industrial + economic productivity**



Nadiri, Mamuneas. *Contribution of Highway Capital to Industry and National Productivity Growth*. USDOT, Federal Highway Administration (1996)  
Kitchens, Jaworski, et. al. *The Interstate Highway System and the Development of the American Economy*. Univ. of Colorado (2018)  
*Benefits of Interstate Highways*. USDOT, Federal Highway Administration (1983)

# Improved Mobility + Market Access

- Reduced travel times between US counties by 30% between 1960-2010
- Provided efficient access to less expensive land, encouraging development
- Increased retail competition by expanding market access, benefitting consumer purchasing power and choice
- Enables workers to choose from a wider array of employment opportunities
- Enable scale, weight + industrial specialization in heavier goods
- Improved market access improves public health



60 MPH Isochrone

Kitchens, Jaworski, et. al. *The Interstate Highway System and the Development of the American Economy*. Univ. of Colorado (2018)  
*Benefits of Interstate Highways*. United States Department of Transportation, Federal Highway Administration (1983)



# What is the economic impact of interstate highways?

## Conceptual Limitations

- Highway infrastructure impacts are widely varied + can be highly context-specific
- As the network becomes mature/complete, infrastructure investment impacts are disputed
- Socioeconomic factors strongly influence economic outcomes
- National-level data more likely to demonstrate a positive, significant relationship between infrastructure + economic outcomes (*vs. state level or sub-state level data*)
- Economic benefits (and costs) “spillover” into jurisdictions different from where infrastructure is located, further complicating analysis
- *Caveat*: Interstates are a large driver of residential decentralization. This decentralization then contributes to economic expansion.



1962. COURTESY OF FORSYTH COUNTY PUBLIC LIBRARY PHOTOGRAPH COLLECTION





# Impacts We *Can* Articulate

- At the state level (and below) highway infrastructure tends to reallocate (or relocate) economic activity <sup>1</sup>
- Infrastructure investment in a recession more likely to improve unemployment rate; economic expansion impacts not sustained <sup>2</sup>
- Greater public investment offers long-term productivity growth <sup>2</sup>
- Regional impacts are more ambiguous, depend largely on industry + proximity to interstates
- Some industries can see growth, some might just relocate to be closer to the interstate



1. Shatz, Kitchens, et. al. *Highway Infrastructure and the Economy: Implications for Federal Policy*. Rand (2011)

2. Stupak, JM. *Economic impact of Infrastructure Investment*. Congressional Research Service (2018)

3. Chandra, Amitabh & Thompson, Eric. *Does public infrastructure affect economic activity?: Evidence from the rural interstate highway system*. Regional Science and Urban Economics, Elsevier, vol. 30(4) (July 2000)



## Impacts We *Can* Articulate, continued

- By industry:
  - Nationally traded goods (like manufacturing) have higher earnings after an interstate is opened
  - Regionally traded goods (like retail and services), have higher earnings after an interstate is opened in their county; however, earnings reduced in adjacent counties without the interstate.
- By proximity:
  - Counties with an interstate saw earnings rise 6-8% with variation by industrial sector (1969-1993)
  - Counties adjacent to the new interstate saw earnings fall 1-3% with variation by industrial sector



1. Shatz, Kitchens, et. al. *Highway Infrastructure and the Economy: Implications for Federal Policy*. Rand (2011)

2. Stupak, JM. *Economic impact of Infrastructure Investment*. Congressional Research Service (2018)

3. Chandra, Amitabh & Thompson, Eric. *Does public infrastructure affect economic activity?: Evidence from the rural interstate highway system*. Regional Science and Urban Economics, Elsevier, vol. 30(4) (July 2000)

## Impact on Demand Elasticity



- Highway capital [investment] supports productivity growth by reducing production costs
- It also influences demand for capital, labor, and materials
- Reduction in the cost of productions may not necessarily drive price savings for final consumers
- Perfectly competitive industries will pass on savings to the consumer with lower prices.
- If the industries are not competitive, a producer surplus will increase – but the imperfect competitive market allows prices to remain and most likely increases a producer's surplus



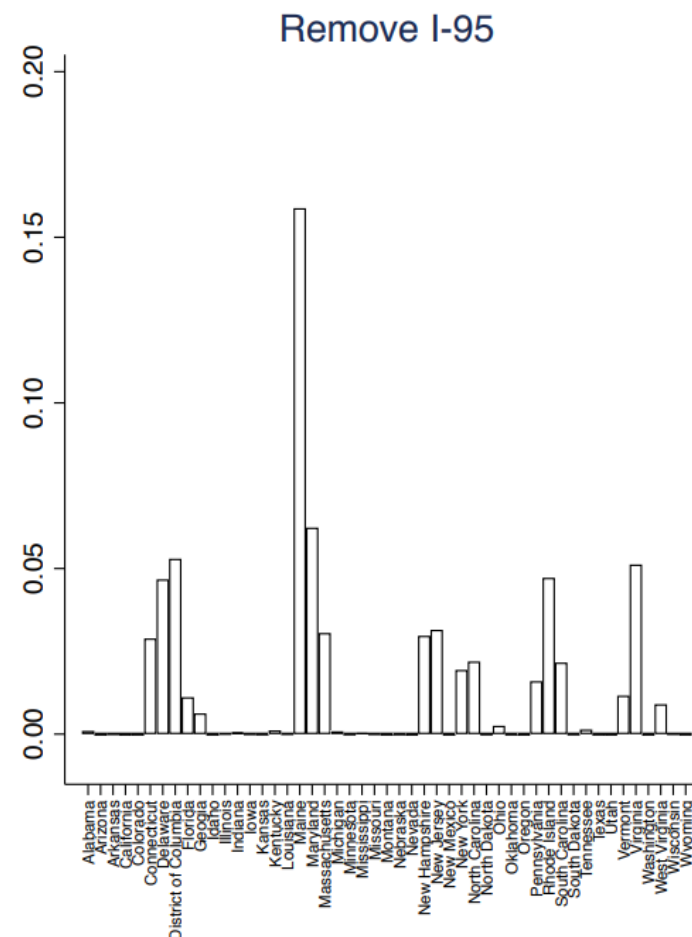
# Counterfactual Approach: I-95

Removal of I-95 would cost the NC economy \$9.9B annually (2010 dollars)

In 2018, a similar impact would cost the North Carolina economy \$14.2B

*This would be the same as eliminating the GDP contributions of these 6 industrial sectors:*

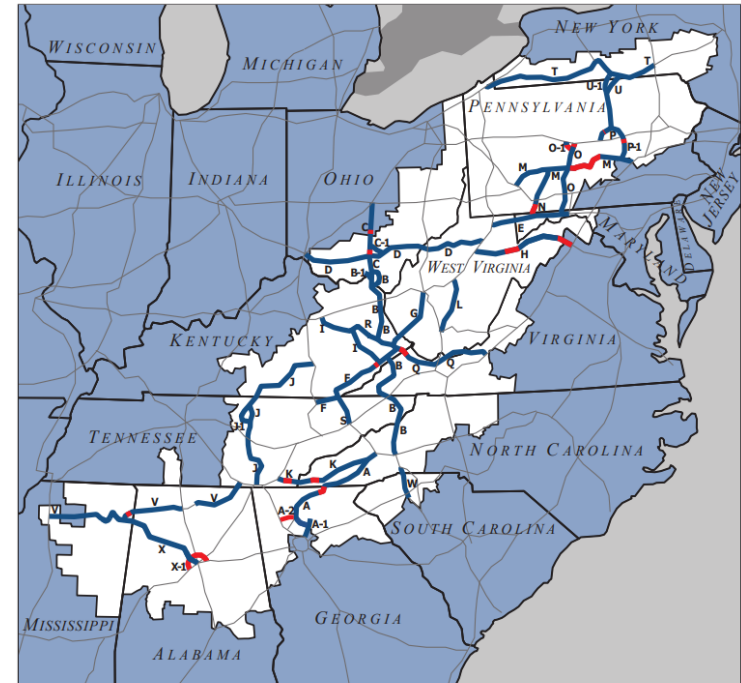
- Electronics Manufacturing (\$3.29B)
- Computer/Communications Equip. Mfg. (\$2.96B)
- Textile Manufacturing (\$2.51B)
- Furniture + Household Goods Mfg. (\$2.45B)
- Building Products Manufacturing (\$1.73B)
- Paper Products Manufacturing (\$1.08B)





# Counterfactual Approach: ADHS

- Reduced total US income by \$53.7B (\$22B in the ARC / \$34B 2015)
- Income lost of \$19.13B in 2010 dollars
- Area population losses would exceed 618,000
- Absence of the ADHS would cause an estimated 0.11 percentage point increase in regional prices
- Showed that manufacturing was most at risk of impact without ADHS
- Over half the benefits accrued for counties outside the ARC (spillover)
- A 2017 study suggests that investments between 1965 and 2015 generated more than \$9B in economic contribution (GRP), and 168,000 jobs

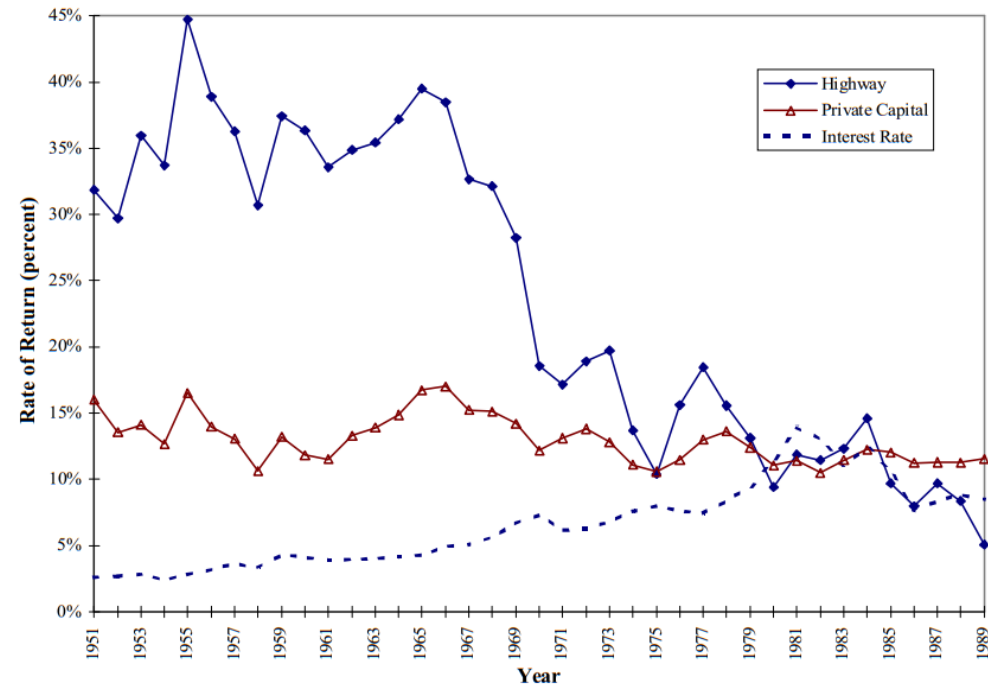


— ADHS Miles Open to Traffic  
— ADHS Miles Not Open to Traffic



# Declining Rate of Return

Figure 3  
Net Rate of Return of Highway Capital, Private Capital,  
and Private Interest Rate (1951-1989)

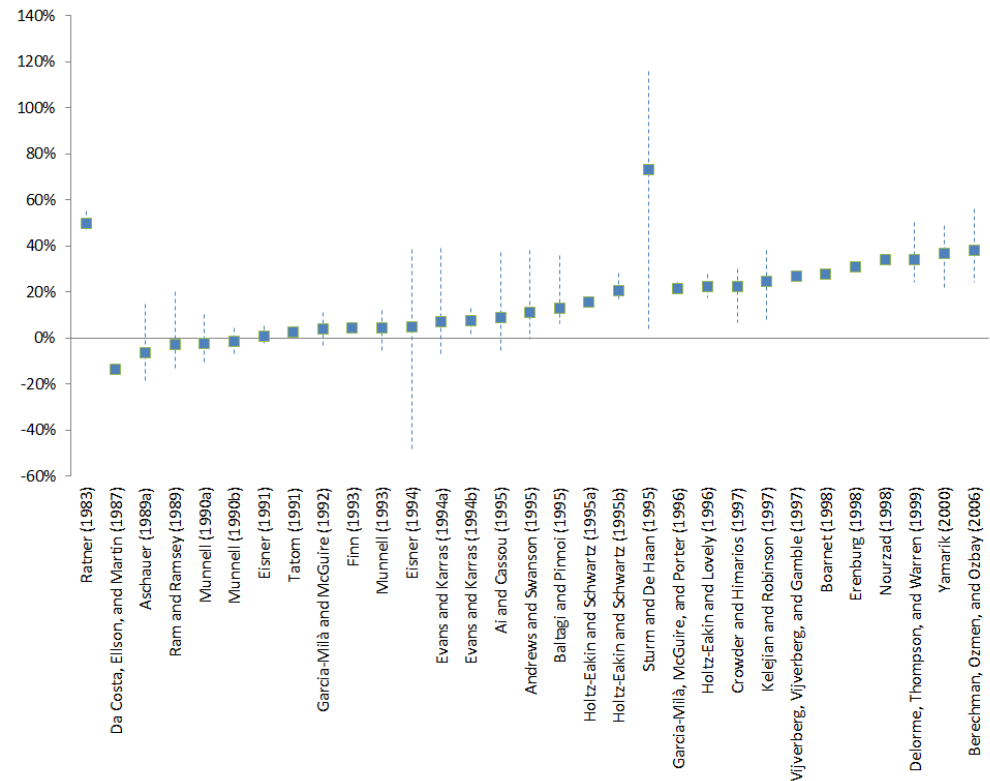


- Declining net rate of return for infrastructure investment
- Reduction reflects marginal impact as networks are completed
- Between 1950-1989, social rate of returns on highway capita nearly 28%
- *Context:* some estimates show an overall social rate of return on *paved* roads of 7%



# Yet, Comparatively High Rate of Return

- Many studies find high estimated rates of return to US infrastructure investment versus other public spending
- Nations with larger public capital investment tend to have greater income equality



Average, minimum, and maximum rates of return estimated for US infrastructure investment in 33 studies



# North Carolina Interstate Performance

- 41% of all congestion costs occur on Interstates
- Commercial costs for unexpected delay exceed \$100/hr.
- Top 10 interstate bottlenecks in 2019 represent nearly \$14.6M or 0.83% of total costs

Average Truck Travel Speed (Interstates 2019)

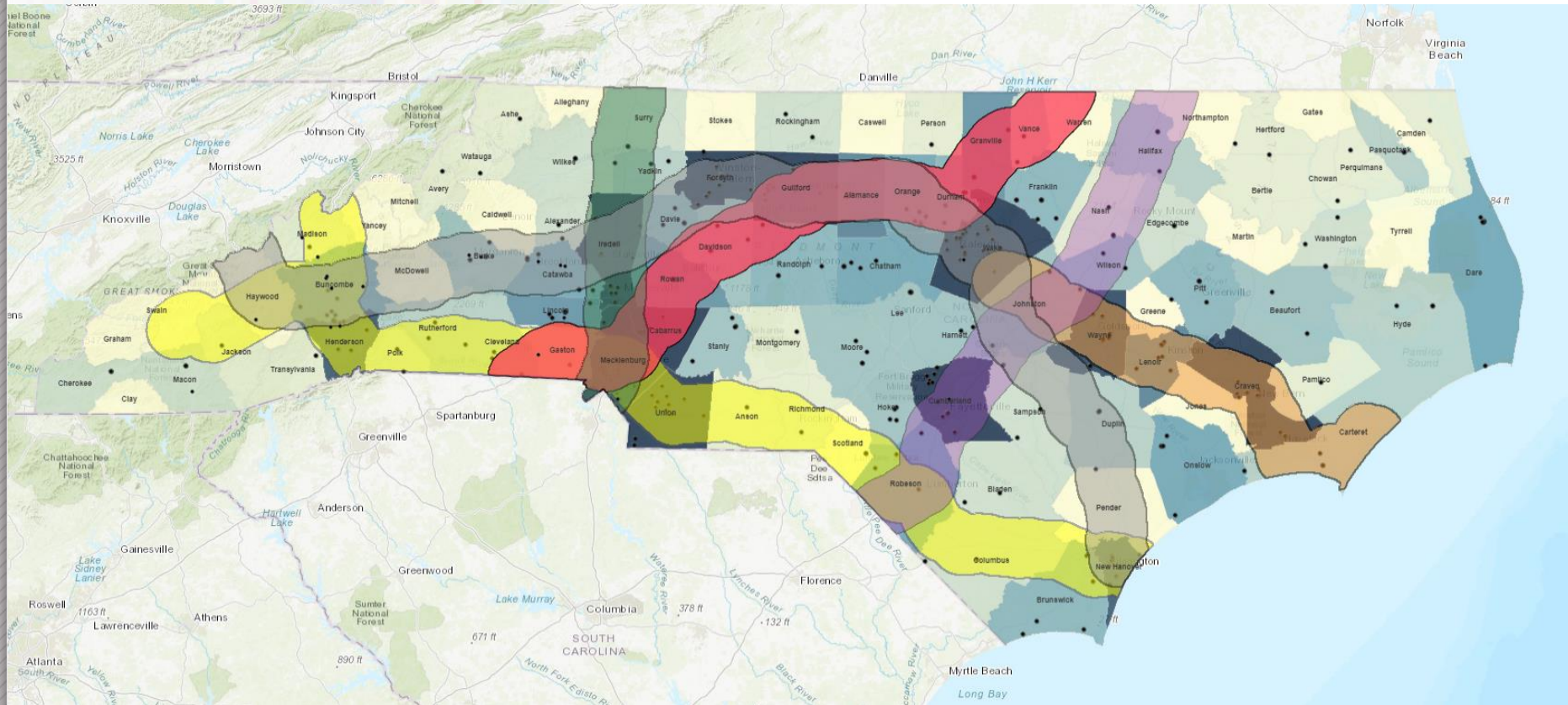
62.1 mph	Average Speed Northbound
60.6 mph	Average Speed Southbound
60.3 mph	Average Speed Eastbound
60 mph	Average Speed Westbound
<b>60.75 mph</b>	<b>Overall Average</b>

	<u>INTERSTATE</u>	<u>ALL ROADS</u>
<i>Commercial</i>	\$808.7M	\$1.97B
<i>Passenger</i>	\$945.9M	\$2.3B
<b><i>Combined</i></b>	<b>\$1.75B</b>	<b>\$4.27B</b>





# Industrial Correlation: Aerospace/Aviation



Key Corridors: I-40, I-77, I-85, I-95, US-70, US-74/I-26





# Adverse Impacts of Interstate Highways



Buckner Gap, North Carolina. © Rob Amberg

- Suburbanization increased infrastructure demand, automobile-enabled sprawl
- Socially inequitable impacts on communities of color or distressed/lower economic areas
- Each new limited access highway running through a central city built between 1950 and 1990 caused the population of that central city to drop by 18 percent relative to what it would have been
- Regional needs not coherently addressed due to federal funding stove-piping



# Economic Development Sector Priorities



# Economic Development Sector Priorities

- Economic developers in the current industrial recruiting / site location paradigm.
- Pushing to realize future interstate corridors – or acquire future interstate designations
- Availability of skilled labor, labor costs, quality of life all strong suits for NC

Combined Ratings*				Combined Ratings*			
CORPORATE SURVEY				CONSULTANTS SURVEY			
Site Selection Factors		2019	2018	Site Selection Factors		2019	2018
Ranking				Ranking			
1.	Highway accessibility	92.4	87.2 (3)**	1.	Availability of skilled labor	100.0	100.0 (1)**
2.	Availability of skilled labor	92.3	90.5 (1)	2.	Labor costs	98.3	98.1 (4)
3.	Labor costs	87.1	89.1 (2)	3.	Highway accessibility	98.2	100.0 (1T)
4.	Quality-of-life	82.2	82.8 (6)	4.	Proximity to major markets	94.9	100.0 (1T)
5.	Occupancy or construction costs	80.3	76.1 (10)	5T.	State and local incentives	93.1	98.0 (5)
6.	Corporate tax rate	79.7	86.7 (4)	5T.	Available buildings	93.1	96.1 (6T)
7.	Energy availability and costs	79.5	77.8 (8)	7.	Available land	91.2	96.1 (6T)
8.	Tax exemptions	75.0	83.0 (5)	8T.	Energy availability and costs	89.6	96.1 (6T)
9.	Environmental regulations	73.0	69.9 (16T)	8T.	Expedited or "fast-track" permitting	89.6	86.3 (14)
10.	Proximity to major markets	72.6	71.8 (14)	10.	Tax exemptions	88.0	94.1 (11T)
11.	Right-to-work state	72.0	70.2 (15)	11.	Occupancy or construction costs	86.2	84.3 (18T)
12.	Available buildings	71.3	76.7 (9)	12.	Proximity to suppliers	85.7	96.1 (6T)
13.	Expedited or "fast-track" permitting	70.7	64.9 (19)	13.	Training programs/technical schools	80.7	96.1 (6T)
14.	State and local incentives	70.2	82.5 (7)	14.	Accessibility to major airport	80.4	84.4 (15T)
15.	Inbound/outbound shipping costs	69.8	69.2 (18)	15T.	Environmental regulations	79.3	94.1 (11T)
16.	Proximity to suppliers	68.1	72.8 (13)	15T.	Inbound/outbound shipping costs	79.3	88.0 (13)
17.	Available land	64.4	75.6 (11)	17.	Low union profile	77.6	84.4 (15T)
18.	Low union profile	62.7	74.4 (12)	18.	Corporate tax rate	72.4	84.4 (15T)
19.	Training programs/technical schools	60.3	69.9 (16T)	19.	Availability of unskilled labor	69.2	72.0 (25)
20.	Availability of long-term financing	59.5	60.5 (21)	20.	Right-to-work state	69.0	78.5 (20)
21.	Availability of unskilled labor	59.0	59.4 (22)	21T.	Quality-of-life	66.7	78.0 (22)
22.	Raw materials availability	56.1	55.6 (23)	21T.	Raw materials availability	66.7	76.5 (23)
23.	Accessibility to major airport	50.6	62.7 (20)	23.	Water availability	62.1	78.4 (21)
24.	Water availability	45.2	51.6 (24)	24.	Availability of advanced ICT services	60.7	84.3 (18T)
25.	Proximity to innovation commercialization/R&D centers	35.7	41.5 (27)	25.	Proximity to innovation commercialization/R&D centers	48.3	76.0 (24)
26.	Availability of advanced ICT services	26.7	50.0 (25)	26.	Railroad service	43.1	54.9 (26)
27.	Railroad service	25.3	46.6 (26)	27.	Availability of long-term financing	40.3	43.1 (28)
28.	Waterway or oceanport accessibility	20.3	34.1 (28)	28.	Waterway or oceanport accessibility	37.9	44.0 (27)

\* All figures are percentages and are the total of the "very important" and "important" ratings of the Area Development Corporate Survey and are rounded to the nearest tenth of a percent.

\*\* 2018 ranking

\* All figures are percentages and are the total of the "very important" and "important" ratings of the Area Development Consultants Survey and are rounded to the nearest tenth of a percent.

\*\* 2018 ranking



# Business Environment Ranking

## INDIVIDUAL CATEGORIES

### Competitive Labor Environment

1. GEORGIA
2. NORTH CAROLINA
- 3T. TENNESSEE 3T. TEXAS
5. INDIANA 6. ALABAMA
- 7T. SOUTH CAROLINA 7T. UTAH
9. VIRGINIA 10. OHIO

## INDIVIDUAL CATEGORIES

### Overall Cost of Doing Business

1. GEORGIA
2. TEXAS 3. TENNESSEE
4. SOUTH CAROLINA
- 5T. INDIANA
- 5T. NORTH CAROLINA
- 7T. ALABAMA 7T. MISSISSIPPI
9. UTAH 10. VIRGINIA

## INDIVIDUAL CATEGORIES

### Cooperative & Responsive State Government

1. GEORGIA
2. SOUTH CAROLINA
3. TENNESSEE
4. NORTH CAROLINA
5. INDIANA 6T. ALABAMA
- 6T. VIRGINIA 8. MISSISSIPPI
- 9T. TEXAS 9T. ARIZONA

## INDIVIDUAL CATEGORIES

### Business Incentives Programs

1. GEORGIA
2. SOUTH CAROLINA
3. TENNESSEE 4T. ALABAMA
- 4T. MISSISSIPPI 6. TEXAS
7. VIRGINIA 8T. OHIO
- 8T. LOUISIANA
- 8T. NORTH CAROLINA

## INDIVIDUAL CATEGORIES

### Energy Availability & Costs

- 1T. GEORGIA
- 1T. TENNESSEE
3. NORTH CAROLINA
4. TEXAS 5. WASHINGTON
- 6T. ALABAMA
- 6T. SOUTH CAROLINA
- 8T. INDIANA 8T. MISSISSIPPI
- 8T. LOUISIANA 8T. KENTUCKY

## INDIVIDUAL CATEGORIES

### Available Real Estate

1. GEORGIA
2. TEXAS 3. TENNESSEE
4. NORTH CAROLINA
- 5T. ALABAMA 5T. INDIANA
- 5T. OHIO 8. SOUTH CAROLINA
- 9T. FLORIDA 9T. MISSISSIPPI





# Total Logistics Costs

- In 2019, overall transportation costs grew by 2.5%
- U.S. logistics costs up nearly 12% (\$1.64T)
- 8% of 2018's \$20.5 trillion gross domestic product
- Highest cost as a segment of GDP since 2014.
- Would additional investment in highway capital drive reduce costs?

## U.S. business logistics costs increased in 2018

(\$ billion)

		2018	YoY 18/17	5 year CAGR
<b>TRANSPORTATION COSTS</b>				
Full truckload		296.1	7.6%	3.6%
Less-than-truckload		71.8	8.3%	3.5%
Private or dedicated		300.9	13.1%	7.1%
Motor carriers		668.8	10.1%	5.1%
Parcel		104.9	8.7%	8.0%
Carload		61.4	7.2%	-0.6%
Intermodal		27.0	28.7%	8.1%
Rail		88.4	12.9%	1.6%
Air freight (includes domestic, import, export, cargo, and express)		76.5	9.2%	3.8%
Water and ports (includes domestic, import, and export)		45.7	12.8%	1.5%
Pipeline		53.0	12.7%	12.7%
Subtotal		1,037.4	10.4%	5.1%
<b>Inventory carrying costs</b>				
Storage		153.1	3.2%	3.0%
Financial cost (WACC x total business inventory)		192.5	26.0%	3.0%
Other (obsolescence, shrinkage, insurance, handling, others)		148.1	14.8%	3.0%
Subtotal		493.7	14.8%	3.0%
<b>Other costs</b>				
Carriers' support activities		52.3	10.3%	4.5%
Shippers' administrative costs		52.1	2.8%	5.3%
Subtotal		104.4	6.4%	4.9%
<b>Total US business logistics costs</b>		<b>1,635.46</b>	<b>11.4%</b>	<b>4.4%</b>

Note: YoY is year-on-year. WACC is weighted average cost of capital.

Source: CSCMP's 30th Annual State of Logistics Report (see report Appendix)



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Homepage:  
[bit.ly/NCDOTsupplychain](https://bit.ly/NCDOTsupplychain)

NCDOT Connect Resources:  
[bit.ly/FreightConnectNC](https://bit.ly/FreightConnectNC)



# Appendix



## Future Interstate Highways

- Development and realization of the *future interstate corridors* in the region is a key to sustainable economic vitality





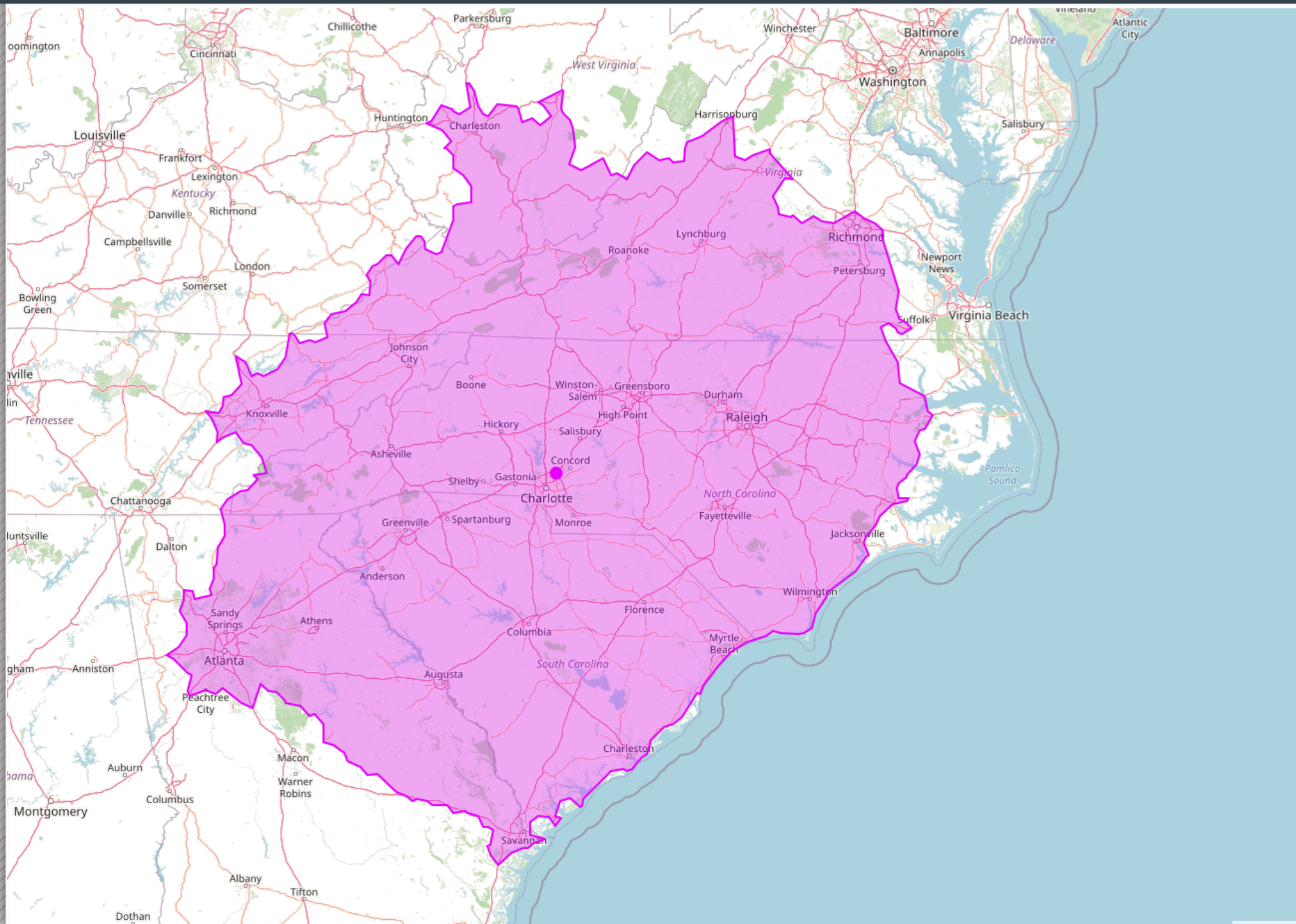
## Key Economic Trends

- Freight volumes projected to increase 40%+
- Integrated supply chain connectivity
- Economic development closely tied to supply chain development
- Intermodal cargo growth leveraging railroads + highway networks
- Protein production + global demand on rise

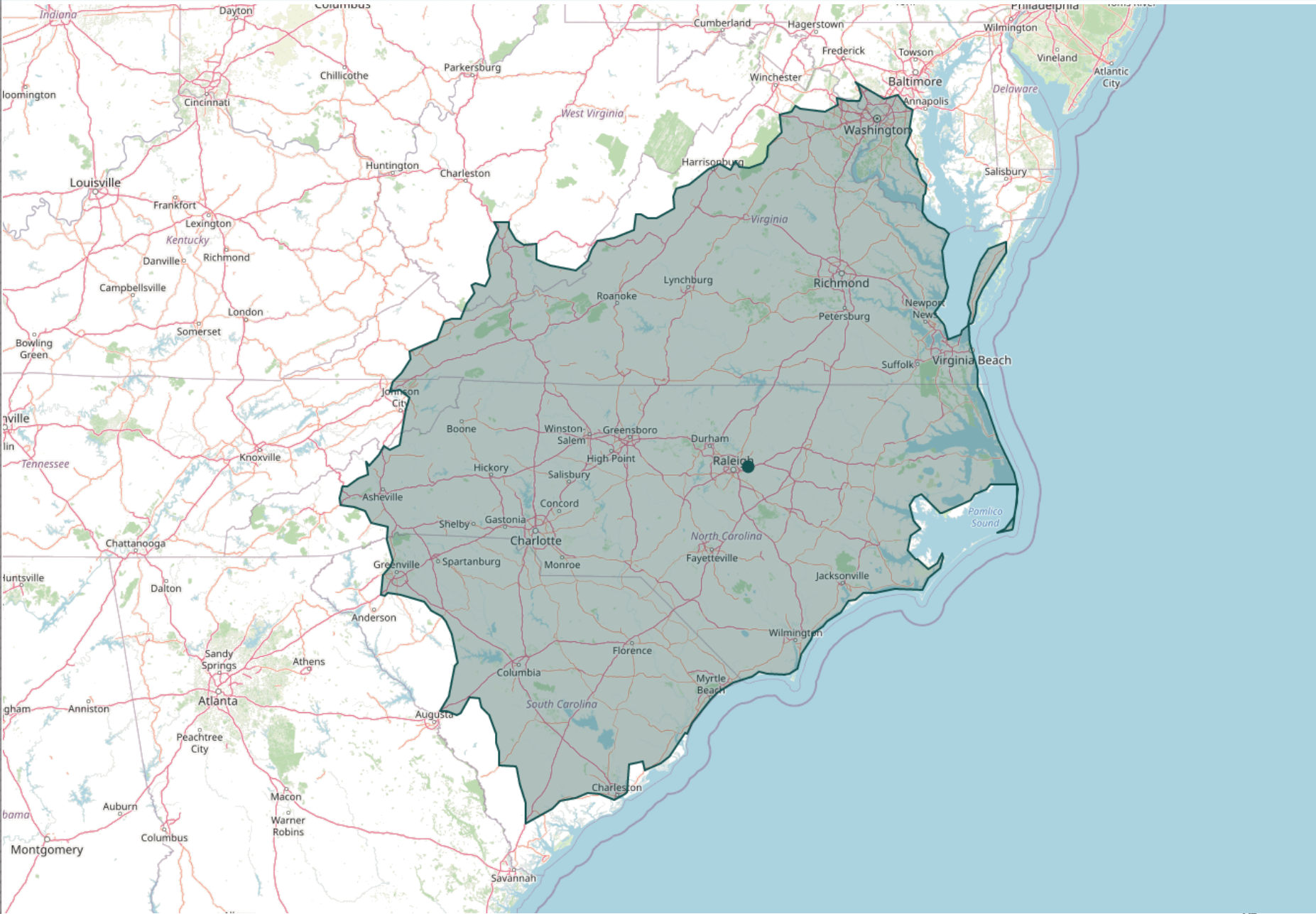


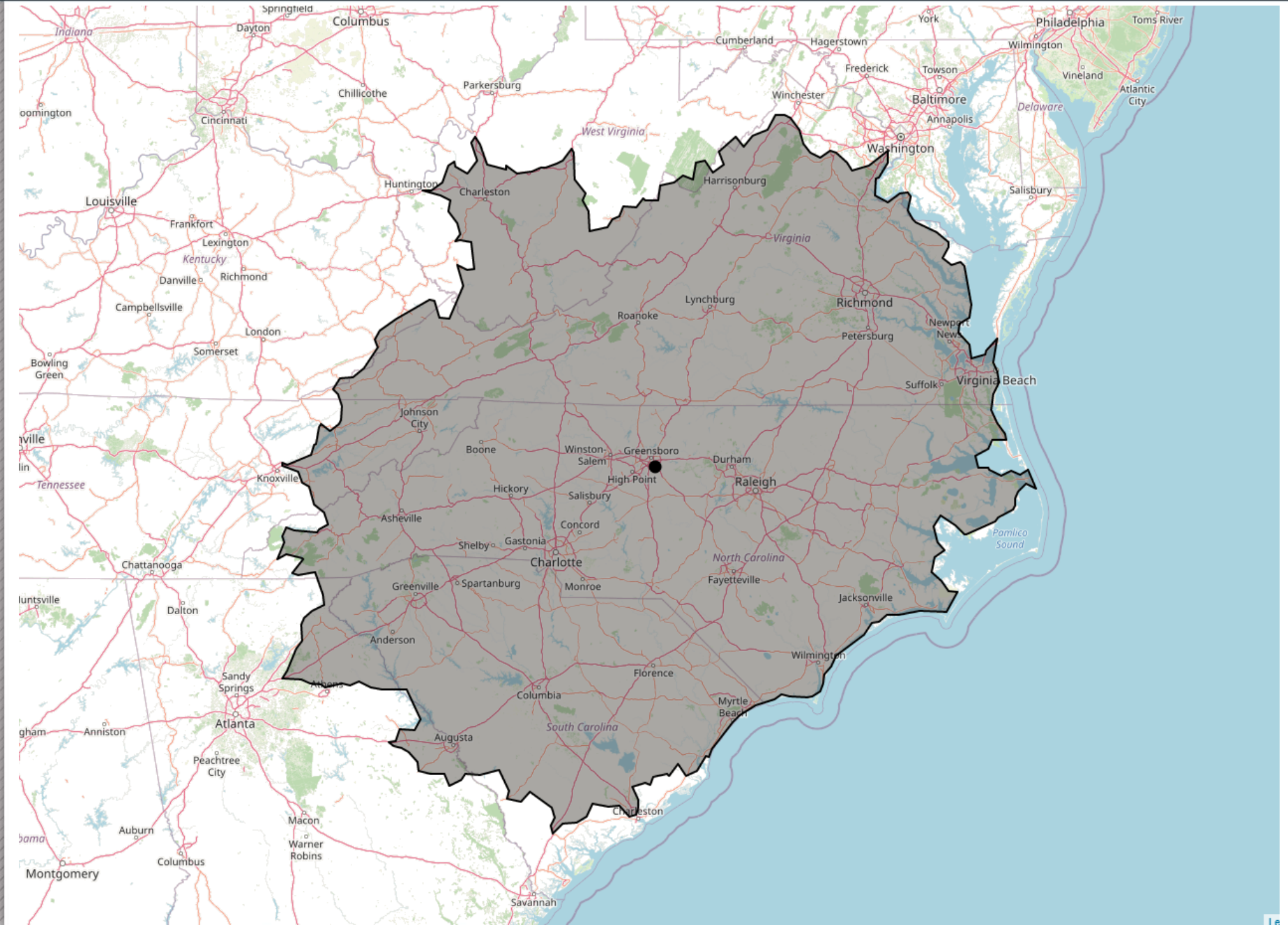
*Progress at the CSX Carolina Connector in Rocky Mount*















## **NORTH CAROLINA** Department of Transportation



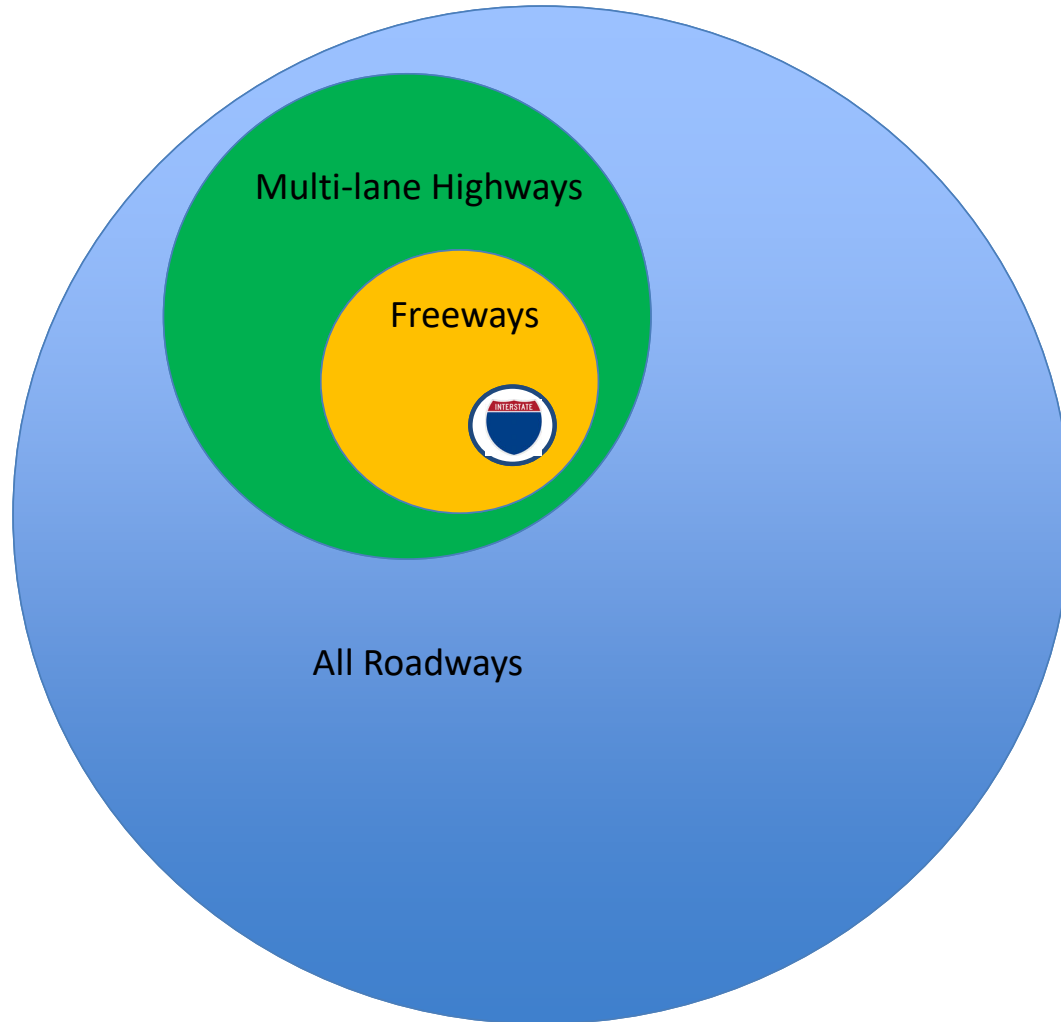
# Interstate Designation Process

Kevin Lacy

November 2020

## Key Point

- Interstates are freeways (or tollways) that have grade separated interchanges with limited access.
- Freeways also have interchanges and limited access but not all are built to interstate standards.
- There are many millions of dollars difference between Freeway standards and Interstate Standards.



Interstates	\$\$\$\$\$\$/mile
Freeways	\$\$\$\$/mile
Multi-lane Highway	\$\$/mile
Two Lane Roadway	\$/mile

## Two Paths

- Administrative Process – Interstate System Route Designation  
(23 USC 103 c 4 A and 23 CFR Part 470)
- Congressional Process – Interstate Addition as a High Priority Corridor  
(Section 1105 (c) of ISTEA)



## Administrative Process

- The NCDOT must coordinate and obtain a resolution from all local officials, County Commissions, and MPO's
- The NCDOT must request, through FHWA NC Division the addition to the Interstate system
- The route must be on the National Highway System (NHS)
- The route must meet Logical Addition Criteria
- The route must meet Interstate System design criteria
- The route number and addition must be approved by AASHTO(\*) and FHWA

## Logical Addition Criteria

- The route is a viable transportation route –Interstate Travel, Connect principle metropolitan centers for national defense and economic development
- Route should not duplicate another Interstate
- Route directly serves:
  - a) Major traffic generators (urban area over 100,000)
  - b) Major government centers
  - c) Principle Industrial Centers
  - d) Major Military Complexes
  - e) Major transportation terminals
- Route connects
  - a) Interstate to Interstate route
  - b) Interstate route to International boarder
  - c) Interstate route to major traffic generator
- The route meets Interstate Design Criteria

# Interstate Design Criteria

Control Access	Shoulder Width
Design Speed	Median Width
Minimum Number of Lanes	Recovery Area
Maximum Grade	Vertical Clearance
Minimum Lane Width	Horizontal Clearance

# What is the National Highway System (NHS)

The NHS includes the Interstate System as well as other roads important to nation's economy, defense and mobility

- Interstate
- Other Principal Arterials
- Strategic Highway Network (STRAHNET)- US strategic defense policy, defense access
- Major Strategic Highway Network Connectors – Provide access between major military installations
- Intermodal Connectors
- NHS Route additions also have a formal process

## Congressional Process

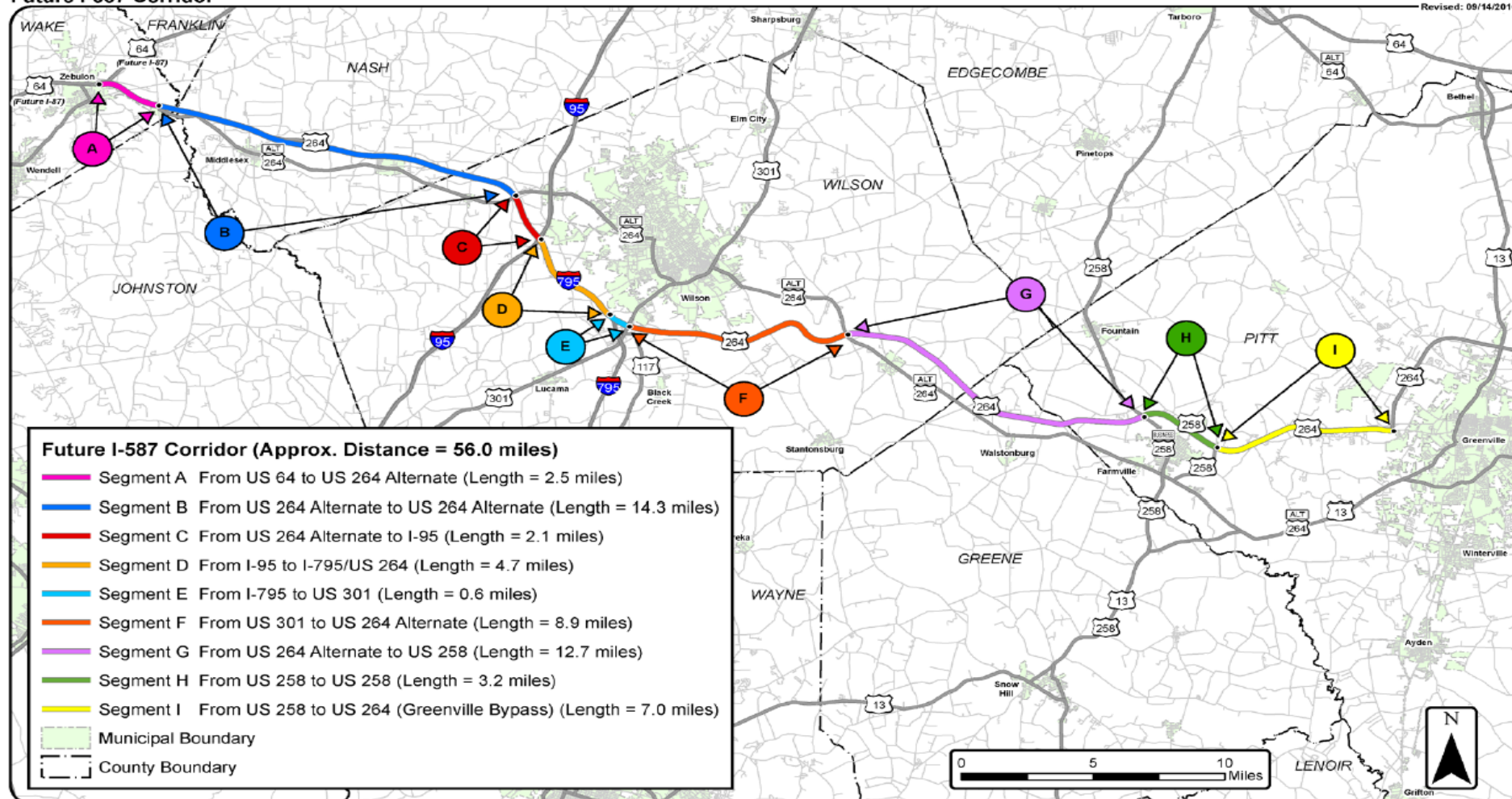
- The United States Congress must designate route
- The NCDOT must request, through FHWA NC Division the addition of a high priority route to the Interstate System
- Approval for the addition of a high priority route to the Interstate System is left with the US Secretary of DOT
- The high priority route must meet Interstate System design standards
- Must be connected to an Interstate Route at one end and an NHS route at the other end.
- The route number must be approved by AASHTO

# High Priority Corridors for North Carolina

- I-73/74 - through Winston Salem
- I-73- US 220 from VA State Line to NC 68 to I-40 to US 220 in Greensboro to US 1 Rockingham to SC Line
- I-74 – I-77 in Surry County to US 52 to US 311 to US 220 to US 74 Rockingham to US 76 Whiteville to US 74/76 to SC Line
- Raleigh-Norfolk Corridor; Raleigh, NC, to Norfolk VA
- Route 29 Corridor from Greensboro, NC to the District of Columbia
- The Greensboro Corridor from Danville, VA to Greensboro, NC along US Route 29 (overlap with Route 29 Corridor)
- US 117/ I-795 from US 70 in Goldsboro, to I-40 West of Faison
- US 70 from I-40 Garner to Port at Morehead City

# Future I-587 Corridor

Updated: 08/10/2016  
Revised: 08/30/2016  
Revised: 09/08/2016  
Revised: 09/14/2016





# Future I-587 approval



Office of the Administrator

1200 New Jersey Ave., SE  
Washington, D.C. 20590

November 21, 2016

In Reply Refer To:  
HEPH-20

Michael L. Holder, P.E.  
Chief Engineer  
North Carolina Department of Transportation  
1 South Wilmington Street  
Raleigh, NC 27699-1501

Dear Mr. Holder:

Thank you for your letter requesting that U.S. 264 from U.S. 64 (Future I-87) in Zebulon to the Greenville Bypass west of Greenville, be added to the Interstate System as Future I-587.

We found that U.S. 264 from U.S. 64 (Future I-87) to the Greenville Bypass to be a logical future addition to the Interstate System. After careful consideration of the criteria outlined in 23 U.S.C. 103 (c)(4)(B) and with the American Association of State Highway and Transportation Officials' conditional approval of the number, we find this segment to be a logical future addition to the Interstate System and approve the request.

Enclosed are two signed copies of the agreement, for the future addition of I-587 from I-87 to the Greenville Bypass. Please return one executed copy for our records.

Sincerely,

A handwritten signature in blue ink, appearing to read "Gregory G. Nadeau".

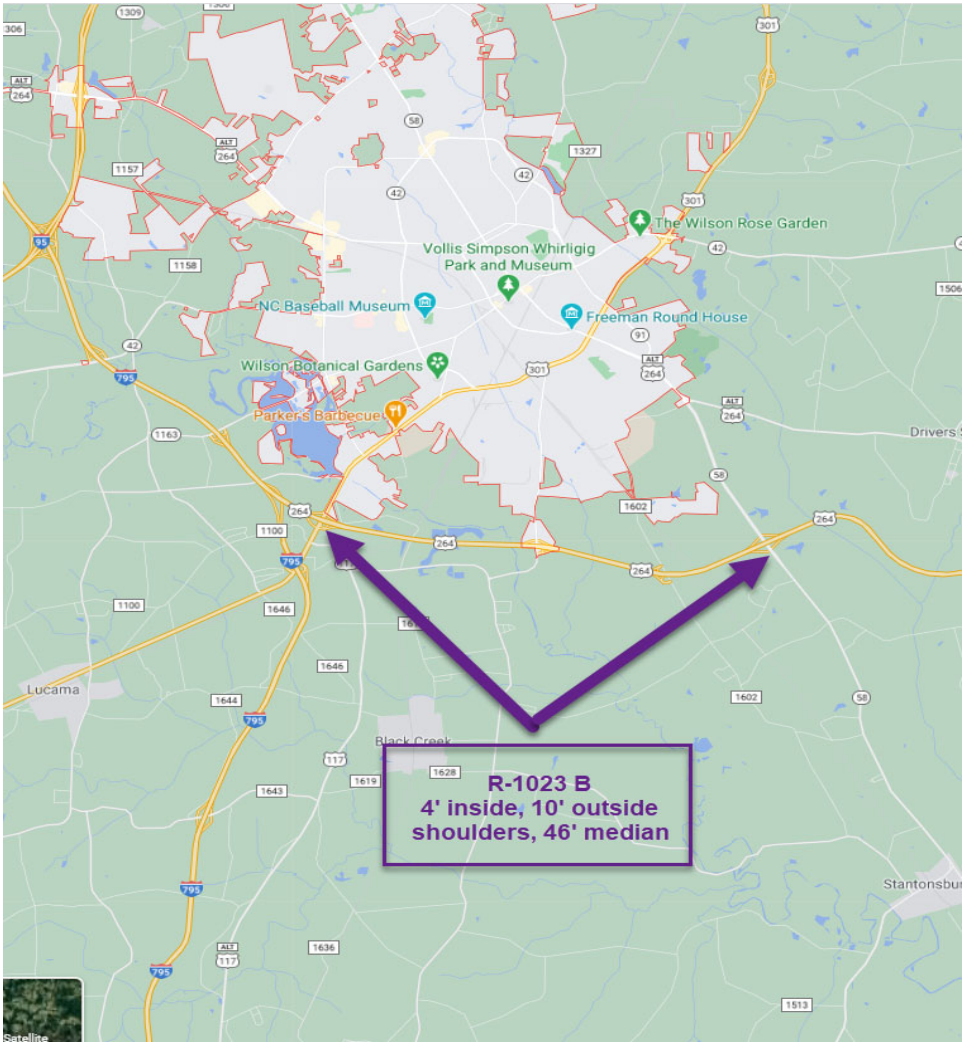
Gregory G. Nadeau  
Administrator

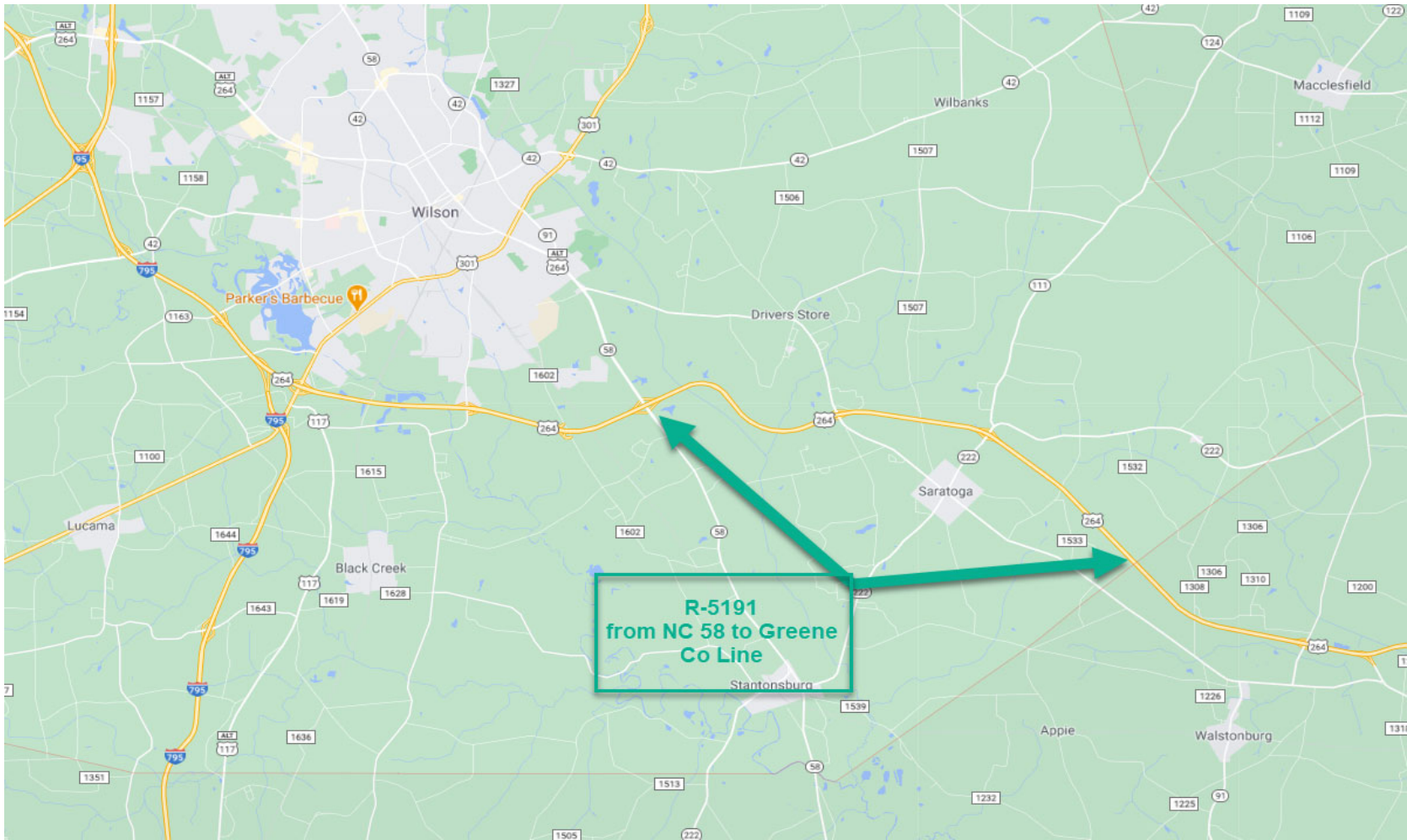
cc: Marty Vitale (AASHTO)

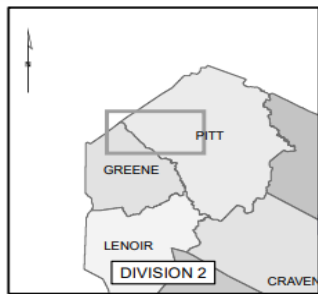


## Projects upgrading to Interstate Standards

- R-1023AB- US 264 from East of SR 1136 to East of US 301
- R-5191- US 264 from NC 58 to Greene County Line-widening, resurfacing, and shoulder construction. Completed Nov 2010.
- I-6302- US 264 from Pitt Co line to Wilson Co line
- May have to request some **exceptions** but no guarantee that they will be accepted.







**GREENE & PITT COUNTY**

**WBS: 47981.3.GV1 - Greene County**  
**47984.3.GV1 - Pitt County**

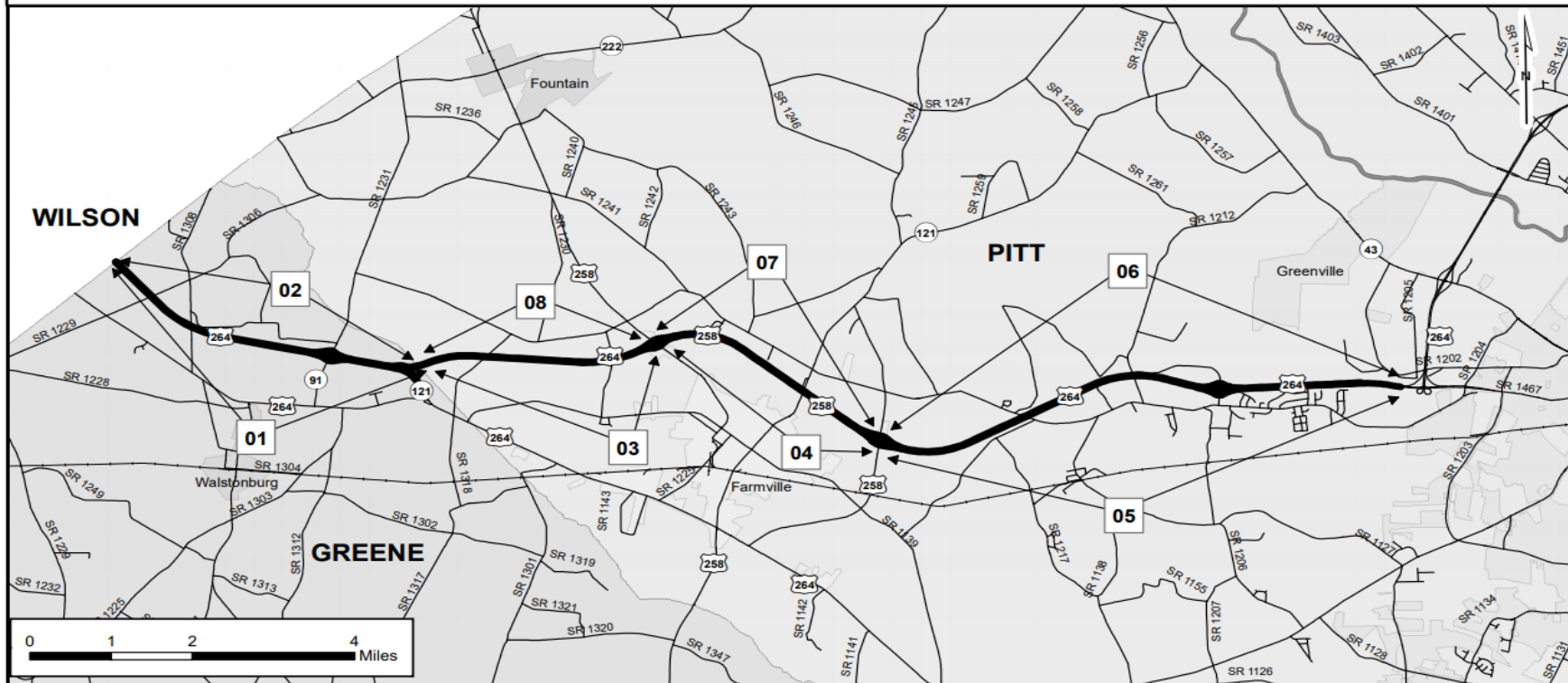
**LOCATION: I-6032 - US-264 EB/WB FROM THE WILSON COUNTY LINE TO THE PITT COUNTY LINE  
I-6035 - US-264/US-258 EB/WB FROM THE GREENE COUNTY LINE  
TO THE S/W BYPASS PROJECT LIMITS IN PITT COUNTY**

**TYPE OF WORK: WIDENING, MILLING, RESURFACING, PAVEMENT MARKINGS, PAVEMENT MARKERS, SHOULDER RECONSTRUCTION**

<b>PROJECT REFERENCE NO.</b>	<b>SHEET NO.</b>
I-6032 / I-6035	1



NCDOT  
DIVISION 2





## Once Projects are Completed

We request FHWA and AASHTO to add the facility to the Interstate System.

These request are received through the year, but the AASHTO committee meets twice a year (spring and fall).

If approved, then we can sign the road as an interstate.



# FUNDING & APPROPRIATIONS STRATEGIES (FAST) COMMITTEE MEETING MINUTES

**DATE:** Oct. 7, 2020 **TIME:** 8:30 AM **LOCATION:** via Microsoft Teams

<b>MEETING CALLED BY</b>	Chairman Tony Lathrop
<b>BOARD COMMITTEE MEMBERS</b>	Chairman Tony Lathrop, Vice Chairman Billy Clarke, Allen Moran, Valerie Jordan, Lisa Mathis, Brad Lail, Andy Wells, Chuck McGrady
<b>OTHER BOARD MEMBERS IN ATTENDANCE</b>	Board Chairman Michael Fox, Board Vice Chairman Andy Perkins, Stephen Rosenburgh

## AGENDA TOPICS

<b>1. MEETING CALL TO ORDER AND READING OF THE NON-CONFLICT/ETHICS STATEMENT – CHAIRMAN TONY LATHROP</b>	
<b>DISCUSSION SUMMARY</b>	Chairman Lathrop called the meeting to order at approximately 8:31 am on October 7, 2020. He read the Non-Conflict/Ethics Statement. He confirmed committee members' attendance through roll call and declared a quorum.
<b>ACTIONS TAKEN</b>	N/A

<b>2. APPROVAL OF SEPTEMBER 2, 2020 FAST MEETING MINUTES – CHAIRMAN LATHROP</b>	
<b>DISCUSSION SUMMARY</b>	Chairman Lathrop stated if there were no additions or corrections, he would accept a motion that the minutes from the September 2, 2020 meeting be approved as submitted.
<b>ACTIONS TAKEN</b>	A motion was made by Board Member Allen Moran. It was seconded by Board Member Lisa Mathis. The committee voted unanimously through roll call to approve the meeting minutes.

<b>3. NC MOVES 2050 – ALPESH PATEL, CAMBRIDGE SYSTEMATICS</b>	
<b>DISCUSSION SUMMARY</b>	Mr. Patel of Cambridge Systematics presented on a subset analysis from the NC Moves 2050. The analysis is used to inform the NC First Commission's work and help frame some of the thinking around their recommendations. Mr. Patel explained the forecast was designed around year 2032. Estimates were built upon backlog (deferred needs for capital, asset and statewide needs based on year 2018) and short-term needs, additional investments needed to address growing transportation needs over the next 3 plus years. Transportation needs are expected to be approximately \$118B in 2032, which is expected to be two times more than available revenue. The 2032 Revenue Forecast was shown across various futures (Innovative, Globally Connected, Renewed, and Unstable Influences). The consensus revenue forecast across the futures is \$75B and the consensus revenue forecast adjusted for inflation is \$63B. The gap between the cumulative 2032 needs and revenues is expected to be \$43B without inflation and \$55B if



# FUNDING & APPROPRIATIONS STRATEGIES (FAST) COMMITTEE MEETING MINUTES

	adjusted for inflation. The analysis shows NCDOT would need an average annual revenue increase of about \$3.3B to keep up with the needs.
<b>ACTIONS TAKEN</b>	Information only / no action required.

## 4. FINANCIAL UPDATE AND BUILD NC BOND ISSUANCE UPDATE – STEPHANIE KING

<b>DISCUSSION SUMMARY</b>	<p>Mrs. King reported the closing cash balance for the Department was approximately \$650 million for September, the refinancing of some Turnpike debt was approved on October 6th, the federal FAST Appropriations has been extended for one year and obligation authority has been given until December 11, 2020. She also gave an update of the Build NC 2020 bond sale. The Council of State approved the \$700 million Build NC bond sale and refinancing of some of the Turnpike debt on Tuesday, October 6<sup>th</sup>. The Department has signed the MOA with the State Treasurer, the Office of State Budget and Management, and the Office of the State Controller. Mrs. King has rating agency presentations next week and she expects the Official Statement to be posted on October 23. She anticipates the pricing process to be complete by October 29 and pre-closing is scheduled for November 11. If this schedule is maintained, then closing will be on November 12. The interest rates are looking very favorable and she anticipates being able to get a 1.5% to 1.7% rate (comparatively the 2019 Build NC rate was 2.62%). 45 currently existing projects will be funded with the bond proceeds for a total amount of \$815 million (this includes the original \$700 million par amount plus the premium).</p>
<b>ACTIONS TAKEN</b>	Information only / no action required.

## 5. APPROVAL OF THE SFY2021 – SFY2022 SPEND PLAN – STEPHANIE KING

<b>DISCUSSION SUMMARY</b>	<p>Mrs. King presented the SFY 2021 and SFY 2022 Spend Plan. She informed the committee that the Office of State Budget and Management had approved the plan on October 6. The Revenues included in the Spend Plan are from the May consensus revenue forecast and are considered conservative. The actual revenues for July and August were greater than projected. For expenditures, Mrs. King stated staff had gone back to NCDOT Business Units to get a month by month expectation to more define the cash payout forecasts. As actuals are realized monthly, Financial Management will be reviewing and if there is additional capacity, then those requests will be presented to the Financial Planning Committee, the FAST Committee, and the full Board of Transportation. Mrs. King informed the committee that once the Spend Plan is approved, then it will be frozen. Funds Administration will create a Version 2 to update actual revenues, expenditures, and will keep a log of any changes. She noted the current plan is to report to the Board monthly in November and December on any changes that are needed so cash can best be utilized in the final six months of the state</p>
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# FUNDING & APPROPRIATIONS STRATEGIES (FAST)

## COMMITTEE

### MEETING MINUTES

	<p>fiscal year. She noted that some areas have been conservative in spending and have been waiting on some projects and programs until the Spend Plan is approved before moving forward. Those areas will be given the go ahead once the Spend Plan is approved.</p> <p>Mrs. King next presented the Certified Budget vs. House Bill 77 Spend Plan format. This document showed the 2020-21 Certified Budget, the HB 77 changes, the Total Spend Plan, Total Spent to Date and Differences. She noted that the spend plan progress can be seen at the budget level and any outliers can be identified.</p> <p>Mrs. King presented the 24 Month Forecast. The chart showed the projected cash balance in relation to the Statutory Minimum, the Statutory Targets of 15% (\$535 million) and 20% (\$713 million) of Appropriations, and the Statutory Reporting Threshold. She noted how cash typically will increase in the winter and then decrease during the construction season as contractors bill for work. She also noted lettings had been delayed to the spring except for some projects funded with federal dollars. She informed the committee the Department has formed work groups to look at scenarios in \$50 million increments in the event there is a downward trend in cash and there needs to be further adjustments. She stated the plan is to be proactive and bring anything that needs addressing to the FPC and the Board as soon as possible. She also noted the Statutory Targets are a tight range, but the goal is to do the best to stay within that range. Mrs. King also pointed out that in July 2021 state law requires \$61 million to be transferred into the emergency reserve fund. That \$61 million combined with a previous \$64 million from the Office of State Controller will bring the emergency reserve to \$125 million.</p> <p>There was a discussion on the Spend Plan Policy and making sure there is transparency in the process of amending the plan and adding funding to programs. The Draft Spend Plan Policy had previously been distributed and the committee members were asked to review it for additional discussion at the next FAST Committee meeting.</p>
<b>ACTIONS TAKEN</b>	<p>Chairman Lathrop asked if there was a motion to approve the Spend Plan. A motion was made by Board Member Brad Lail. It was seconded by Vice Chairman Billy Clarke. The committee voted unanimously through roll call to approve the Spend Plan.</p>

<b>6. MOTION TO ADJOURN – CHAIRMAN LATHROP</b>	
<b>DISCUSSION SUMMARY</b>	<p>Chairman Lathrop asked if there was a motion to adjourn the meeting.</p>
<b>ACTIONS TAKEN</b>	<p>A motion was made by Vice Chairman Billy Clarke to adjourn the meeting. It was seconded by Board Member Chuck McGrady. The committee voted unanimously through roll call to adjourn at 10:02 AM.</p>





## **\*FINANCE COMMITTEE AGENDA**

**\*THE FAST COMMITTEE WAS RENAMED THE FINANCE COMMITTEE**

**EFFECTIVE NOVEMBER 1, 2020**

### **BOARD OF TRANSPORTATION NOVEMBER 4, 2020**

**TIME: 2:45 PM**

**LOCATION: Teleconference**

<b>TOPIC</b>	<b>PRESENTER</b>	<b>TIME</b>
Welcome Call to Order & Roll Call Declaration of Quorum Approval of October 7, 2020 Meeting Minutes	Tony Lathrop, Chair	2:45 PM
Spend Plan Update	Michelle Overby, Funds Administration Manager	2:55 PM
Spend Plan Policy	Stephanie King, CFO	3:10 PM
Division Spend Plan	Joey Hopkins, Division 5 Engineer	3:20 PM
Operations Financial Structure Plan	Ronald L. Keeter, Jr., Eastern Deputy Chief Engineer	3:35 PM
Ferry Update	Harold Thomas, Ferry Division Director	3:40 PM
NC First Commission Update	Amna Cameron, Strategic Initiatives Deputy Director	3:50 PM
Adjourn	Tony Lathrop, Chair	4:00 PM



## **NORTH CAROLINA**

Department of Transportation



# Division Spend Plan

## Financial Planning Committee

Joey Hopkins, PE  
Division 5

# Spend Plan

- Spend Target Development (Statewide)
- Spend Target Development (Division)
- Monitoring/Tracking
- Moving Forward

# Maintenance Programs

- General Maintenance Reserve (GMR)
- Roadside Environmental (RE)
- Contract Resurfacing (CR)
- Pavement Preservation (PP)
- Bridge Program (BP)
- Bridge Preservation (BPR)

# Spend Target Development

- Appropriations = Programmatic Budget Authority provided by General Assembly
- Allocations = Distribution of Budget Authority to Divisions by Established Formula
- Spend Target = Total Annual Expenditure Amount Authorized (Cash Out the Door)

Appropriation  $\neq$  Allocation  $\neq$  Spend Target

# Operations & Maintenance Expenditure Projections

Standing Maintenance Programs	FY 2021 HB77 Budget	Snow & Ice Transfers (SL 2019-251)	FY 2021 Revised Budget	FY 2021 Spend Plan	Budget Savings
General Maintenance Reserve	\$517,382,234	\$43,731,212	\$561,113,446	\$485,000,000	\$76,113,446
Roadside Environmental	\$101,328,653	(\$3,020,761)	\$98,307,892	\$90,000,000	\$8,307,892
Contract Resurfacing	\$558,674,899	(\$15,082,953)	\$543,591,946	\$475,000,000	\$68,591,946
Pavement Preservation	\$85,358,348	(\$2,915,193)	\$82,443,155	\$75,000,000	\$7,443,155
Bridge Program	\$273,967,830	(\$8,152,492)	\$265,815,338	\$225,000,000	\$40,815,338
Bridge Preservation	\$69,899,551	(\$2,454,342)	\$67,445,209	\$60,000,000	\$7,445,209
<b>TOTAL STANDING MAINTENANCE PROGRAMS:</b>	<b>\$1,606,611,515</b>	<b>\$12,105,471</b>	<b>\$1,618,716,986</b>	<b>\$1,410,000,000</b>	<b>\$208,716,986</b>
<b>Other Construction Programs</b>					
Secondary Road Construction	\$3,500,000	\$0	\$3,500,000	\$3,500,000	\$0
Spot Safety Improvements	\$12,100,000	\$0	\$12,100,000	\$9,000,000	\$3,100,000
Contingency Funds	\$12,000,000	\$0	\$12,000,000	\$9,000,000	\$3,000,000
Mobility/Modernization Fund	\$1,500,000	\$0	\$1,500,000	\$12,500,000	(\$10,500,000)
<b>TOTAL OTHER CONSTRUCTION PROGRAMS:</b>	<b>\$29,100,000</b>	<b>\$0</b>	<b>\$29,100,000</b>	<b>\$34,000,000</b>	<b>-\$4,400,000</b>
<b>TOTAL OPERATIONS &amp; MAINTENANCE PROGRAM:</b>	<b>\$1,635,711,515</b>	<b>\$12,105,471</b>	<b>\$1,647,816,986</b>	<b>\$1,444,000,000</b>	<b>\$204,316,986</b>

- FY 2021 Spend Plan is set lower than budget to assist with continued efforts to build the cash balance
- This is a projected savings of just over \$200M over the course of the SFY

# Spend Target Development

FY 2021 SPEND TARGETS - STANDING MAINTENANCE PROGRAMS							
DIVISION	GMR	RE	BPR	BP	CR	PP	TOTAL
1	\$24,869,381	\$5,987,586	\$2,142,245	\$5,341,015	\$36,560,265	\$6,562,120	\$81,462,612
2	\$23,857,603	\$5,034,813	\$1,857,573	\$4,969,266	\$29,290,663	\$2,915,117	\$67,925,035
3	\$27,410,744	\$5,721,567	\$2,371,721	\$7,390,553	\$33,779,225	\$7,976,752	\$84,650,562
4	\$29,670,208	\$8,621,225	\$2,132,422	\$9,706,843	\$42,977,938	\$9,049,647	\$102,158,284
5	\$39,448,907	\$7,298,739	\$2,629,855	\$4,593,455	\$57,101,902	\$2,077,512	\$113,150,370
6	\$26,844,611	\$6,866,149	\$1,606,302	\$5,623,531	\$20,659,455	\$1,614,153	\$63,214,202
7	\$36,656,570	\$6,511,061	\$2,220,321	\$7,390,495	\$36,125,713	\$10,452,643	\$99,356,803
8	\$28,174,789	\$6,255,900	\$1,841,811	\$7,227,592	\$31,253,517	\$1,019,930	\$75,773,539
9	\$30,152,645	\$5,830,449	\$1,785,321	\$7,577,346	\$16,191,467	\$3,258,738	\$64,795,966
10	\$32,473,128	\$6,342,550	\$2,415,686	\$7,947,607	\$22,415,135	\$1,463,642	\$73,057,749
11	\$29,289,238	\$5,717,159	\$2,006,181	\$13,121,606	\$29,354,784	\$6,075,739	\$85,564,708
12	\$29,312,574	\$6,744,410	\$1,939,452	\$4,596,997	\$34,735,388	\$9,922,109	\$87,250,930
13	\$31,590,865	\$6,070,723	\$2,652,915	\$13,115,722	\$31,731,628	\$3,331,032	\$88,492,886
14	\$35,000,000	\$6,487,669	\$2,398,194	\$4,777,916	\$44,322,909	\$9,280,865	\$102,267,553
SW	\$60,248,736	\$510,000	\$30,000,000	\$121,620,055	\$8,500,000	\$0	\$220,878,791
TOTAL	\$485,000,000	\$90,000,000	\$60,000,000	\$225,000,000	\$474,999,989	\$75,000,000	\$1,409,999,989

# Spend Target Development

## Example: General Maintenance Reserve (FY 2021)

\$517,382,234.00	FY 21 <b>Appropriation (HB 77)</b>
+ \$43,731,212.00	Snow/Ice Transfer (SB 356)
- \$0.00	Credit Reserve Transfer
\$561,113,446.00	Budget Available to Distribute
\$561,113,446.00	Budget Available to Distribute
- \$400,983,184.00	Division <b>Allocation</b>
- \$60,248,736.00	Statewide <b>Allocation</b>
- \$93,731,212.00	Snow & Ice/Non-Declared Disaster
- \$30,000,000.00	Cash Flow Pay Back (from FY 2018/2019)
\$9,881,526.00	Total Remaining Undistributed
\$485,000,000.00	Total <b>Spend Target</b>



# FY21 Preliminary Spend Targets

General Maintenance Reserve (GMR)			Total Spend Target:	\$485,000,000
DIVISION	Div OTT	Snow & Ice	Formula Allocation	TOTAL Allocation
1	\$1,987,000	\$1,483,495	\$23,417,459	\$26,887,954
2	\$2,895,500	\$1,220,119	\$21,609,128	\$25,724,747
3	\$4,497,000	\$778,395	\$24,232,369	\$29,507,764
4	\$2,947,000	\$2,630,153	\$26,274,663	\$31,951,816
5	\$6,819,000	\$5,298,725	\$29,950,281	\$42,068,005
6	\$3,538,000	\$1,059,775	\$24,285,380	\$28,843,155
7	\$6,884,000	\$7,758,538	\$24,149,598	\$38,792,136
8	\$2,118,400	\$1,910,335	\$26,424,370	\$30,453,105
9	\$4,350,000	\$6,468,319	\$21,199,061	\$32,017,381
10	\$7,465,000	\$3,266,981	\$23,830,381	\$34,562,362
11	\$1,060,000	\$8,294,383	\$21,847,924	\$31,202,307
12	\$4,376,000	\$2,747,621	\$24,300,826	\$31,424,447
13	\$3,221,000	\$9,169,009	\$21,061,487	\$33,451,496
14	\$3,274,800	\$7,914,151	\$23,811,049	\$35,000,000
SW	\$0	\$0	\$0	\$33,013,324
TOTAL	\$55,492,700	\$60,000,000	\$336,493,976	\$485,000,000

Roadside Environmental (RE)		Total Spend Target:	\$90,000,000
DIVISION	Div OTT	Formula Allocation	TOTAL Allocation
1	\$955,000	\$5,032,586	\$5,987,586
2	\$408,000	\$4,626,813	\$5,034,813
3	\$498,000	\$5,223,567	\$5,721,567
4	\$2,150,000	\$6,471,225	\$8,621,225
5	\$794,000	\$6,504,739	\$7,298,739

# FY21 Preliminary Spend Target

General Maintenance Reserve				Total Spend Target:	\$485,000,000
DIVISION	ITEM S Allocation (*includes \$\$ for OD's)	Div OTT Target	Snow & Ice Target/Non- Declared	<b>**Routine Maintenance Target</b>	TOTAL Spend Target
1	\$29,788,019	\$1,987,000	\$1,483,495	\$21,398,886	\$24,869,381
2	\$29,734,614	\$2,895,500	\$1,220,119	\$19,741,985	\$23,857,603
3	\$30,757,303	\$4,497,000	\$778,395	\$22,135,349	\$27,410,744
4	\$21,951,465	\$2,347,000	\$2,036,133	\$21,893,955	\$29,670,208
5	\$46,378,375	\$6,819,000	\$5,298,725	\$27,331,182	\$39,448,907
6	\$28,942,832	\$3,338,000	\$1,033,773	\$22,186,836	\$26,844,611
7	\$46,139,319	\$6,884,000	\$7,758,538	\$22,014,032	\$36,656,570
8	\$31,529,904	\$2,118,400	\$1,910,335	\$24,146,054	\$28,174,789
9	\$35,121,455	\$4,350,000	\$6,468,319	\$19,334,325	\$30,152,645
10	\$38,359,281	\$7,465,000	\$3,266,981	\$21,741,147	\$32,473,128
11	\$32,277,375	\$1,060,000	\$8,294,383	\$19,934,855	\$29,289,238
12	\$31,845,255	\$4,376,000	\$2,747,621	\$22,188,953	\$29,312,574
13	\$36,740,314	\$3,221,000	\$9,169,009	\$19,200,856	\$31,590,865
14	\$38,648,885	\$3,274,800	\$7,914,151	\$23,811,049	\$35,000,000
SW	\$33,017,524	\$0	\$33,731,212	\$26,517,524	\$60,248,736
TOTAL	\$521,231,920	\$55,492,700	\$93,731,212	\$335,776,088	\$485,000,000

\*\*GMR Routine Maintenance Spend Targets Revised on 9/1/2020 based on SB 356 Snow & Ice Transfers/Base Budget per OSBM

# Spend Target Development

FY 2021 SPEND TARGETS - STANDING MAINTENANCE PROGRAMS							
DIVISION	GMR	RE	BPR	BP	CR	PP	TOTAL
1	\$24,869,381	\$5,987,586	\$2,142,245	\$5,341,015	\$36,560,265	\$6,562,120	\$81,462,612
2	\$23,857,603	\$5,034,813	\$1,857,573	\$4,969,266	\$29,290,663	\$2,915,117	\$67,925,035
3	\$27,410,744	\$5,721,567	\$2,371,721	\$7,390,553	\$33,779,225	\$7,976,752	\$84,650,562
4	\$29,670,208	\$8,621,225	\$2,132,422	\$9,706,843	\$42,977,938	\$9,049,647	\$102,158,284
5	\$39,448,907	\$7,298,739	\$2,629,855	\$4,593,455	\$57,101,902	\$2,077,512	\$113,150,370
6	\$26,844,611	\$6,866,149	\$1,606,302	\$5,623,531	\$20,659,455	\$1,614,153	\$63,214,202
7	\$36,656,570	\$6,511,061	\$2,220,321	\$7,390,495	\$36,125,713	\$10,452,643	\$99,356,803
8	\$28,174,789	\$6,255,900	\$1,841,811	\$7,227,592	\$31,253,517	\$1,019,930	\$75,773,539
9	\$30,152,645	\$5,830,449	\$1,785,321	\$7,577,346	\$16,191,467	\$3,258,738	\$64,795,966
10	\$32,473,128	\$6,342,550	\$2,415,686	\$7,947,607	\$22,415,135	\$1,463,642	\$73,057,749
11	\$29,289,238	\$5,717,159	\$2,006,181	\$13,121,606	\$29,354,784	\$6,075,739	\$85,564,708
12	\$29,312,574	\$6,744,410	\$1,939,452	\$4,596,997	\$34,735,388	\$9,922,109	\$87,250,930
13	\$31,590,865	\$6,070,723	\$2,652,915	\$13,115,722	\$31,731,628	\$3,331,032	\$88,492,886
14	\$35,000,000	\$6,487,669	\$2,398,194	\$4,777,916	\$44,322,909	\$9,280,865	\$102,267,553
SW	\$60,248,736	\$510,000	\$30,000,000	\$121,620,055	\$8,500,000	\$0	\$220,878,791
TOTAL	\$485,000,000	\$90,000,000	\$60,000,000	\$225,000,000	\$474,999,989	\$75,000,000	\$1,409,999,989

# FY21 Spend Plan Development

1	<b>Historical Exp from SAP Transaction ZPSR17</b>	Inputs	Warren and Vance - use 2020 expenditures as three year average for guardrail								
2	7/17/2020		Allow CME GMR funding to do a-boom/long arm mowing?								
3			Use Pavement Preservation funds for traffic (striping, etc.)								
4			Look at General Statute for % allowed.								
5			FY 2016 Expenditures	FY 2017 Expenditures	FY 2018 Expenditures	FY 2019 Expenditures	FY 2020 Expenditures	Latest 3-Year Expenditure Average	FY 2020 Spend Plan	FY 2021 Proposed Spend Plan	Spend Plan Delta
6	Durham Primary Snow and Ice (36050.032)		\$ 481,787.65	\$ 598,737.90	\$ 1,229,544.61	\$ 710,926.87	\$ 295,972.99	\$ 745,481.49	\$ -	\$ -	\$ -
7	Durham Primary Paved - Snow and Ice (5.103221)		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 247,184.00	\$ 247,184.00
8	Durham Interstate - Snow and Ice (5.103241)		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 486,593.00	\$ 486,593.00
9	<b>Durham Primary Snow and Ice</b>		<b>\$ 481,787.65</b>	<b>\$ 598,737.90</b>	<b>\$ 1,229,544.61</b>	<b>\$ 710,926.87</b>	<b>\$ 295,972.99</b>	<b>\$ 745,481.49</b>	<b>\$ -</b>	<b>\$ 733,777.00</b>	<b>\$ 733,777.00</b>
10	Durham Secondary Snow and Ice (36053.032)		\$ 86,654.36	\$ 242,445.37	\$ 351,540.51	\$ 126,802.05	\$ 159,982.81	\$ 212,775.12	\$ -	\$ -	\$ -
11	Durham Secondary Paved - Snow and Ice (5.203219)		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 209,435.00	\$ 209,435.00
12	<b>Durham Secondary Snow and Ice</b>		<b>\$ 86,654.36</b>	<b>\$ 242,445.37</b>	<b>\$ 351,540.51</b>	<b>\$ 126,802.05</b>	<b>\$ 159,982.81</b>	<b>\$ 212,775.12</b>	<b>\$ -</b>	<b>\$ 209,435.00</b>	<b>\$ 209,435.00</b>
13	<b>Durham County Snow and Ice</b>		<b>\$ 568,442.01</b>	<b>\$ 841,183.27</b>	<b>\$ 1,581,085.12</b>	<b>\$ 837,728.92</b>	<b>\$ 455,955.80</b>	<b>\$ 958,256.61</b>	<b>\$ -</b>	<b>\$ 943,212.00</b>	<b>\$ 943,212.00</b>
14	Franklin Primary Snow and Ice (36050.035)		\$ 228,764.43	\$ 170,364.53	\$ 255,290.19	\$ 175,643.17	\$ 118,339.86	\$ 183,091.07	\$ -	\$ -	\$ -
15	Franklin Primary Paved - Snow and Ice (5.103521)		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 252,970.00	\$ 252,970.00
16	<b>Franklin Primary Snow and Ice</b>		<b>\$ 228,764.43</b>	<b>\$ 170,364.53</b>	<b>\$ 255,290.19</b>	<b>\$ 175,643.17</b>	<b>\$ 118,339.86</b>	<b>\$ 183,091.07</b>	<b>\$ -</b>	<b>\$ 252,970.00</b>	<b>\$ 252,970.00</b>
17	Franklin Secondary Snow and Ice (36053.035)		\$ 171,525.36	\$ 177,677.66	\$ 242,512.21	\$ 175,035.39	\$ 69,827.17	\$ 162,458.26	\$ -	\$ -	\$ -
18	Franklin Secondary Paved - Snow and Ice (5.203519)		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 224,463.00	\$ 224,463.00
19	<b>Franklin Secondary Snow and Ice</b>		<b>\$ 171,525.36</b>	<b>\$ 177,677.66</b>	<b>\$ 242,512.21</b>	<b>\$ 175,035.39</b>	<b>\$ 69,827.17</b>	<b>\$ 162,458.26</b>	<b>\$ -</b>	<b>\$ 224,463.00</b>	<b>\$ 224,463.00</b>
20	<b>Franklin County Snow and Ice</b>		<b>\$ 400,289.79</b>	<b>\$ 348,042.19</b>	<b>\$ 497,802.40</b>	<b>\$ 350,678.56</b>	<b>\$ 188,167.03</b>	<b>\$ 345,549.33</b>	<b>\$ -</b>	<b>\$ 477,433.00</b>	<b>\$ 477,433.00</b>
21	Granville Primary Snow and Ice (36050.039)		\$ 339,734.70	\$ 238,185.09	\$ 689,435.16	\$ 310,351.70	\$ 455,798.23	\$ 485,195.03	\$ -	\$ -	\$ -
22	Granville Primary Paved - Snow and Ice (5.103921)		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 89,376.00	\$ 89,376.00
23	Granville Interstate - Snow and Ice (5.103941)		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 221,886.00	\$ 221,886.00
24	<b>Granville Primary Snow and Ice</b>		<b>\$ 339,734.70</b>	<b>\$ 238,185.09</b>	<b>\$ 689,435.16</b>	<b>\$ 310,351.70</b>	<b>\$ 455,798.23</b>	<b>\$ 485,195.03</b>	<b>\$ -</b>	<b>\$ 311,262.00</b>	<b>\$ 311,262.00</b>
25	Granville Secondary Snow and Ice (36053.039)		\$ 275,505.54	\$ 538,088.60	\$ 686,218.99	\$ 750,919.20	\$ 27,383.14	\$ 488,173.78	\$ -	\$ -	\$ -
26	Granville Secondary Paved - Snow and Ice (5.203919)		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 313,173.00	\$ 313,173.00
27	<b>Granville Secondary Snow and Ice</b>		<b>\$ 275,505.54</b>	<b>\$ 538,088.60</b>	<b>\$ 686,218.99</b>	<b>\$ 750,919.20</b>	<b>\$ 27,383.14</b>	<b>\$ 488,173.78</b>	<b>\$ -</b>	<b>\$ 313,173.00</b>	<b>\$ 313,173.00</b>
28	<b>Granville County Snow and Ice</b>		<b>\$ 615,240.24</b>	<b>\$ 776,273.69</b>	<b>\$ 1,375,654.15</b>	<b>\$ 1,061,270.90</b>	<b>\$ 483,181.37</b>	<b>\$ 973,368.81</b>	<b>\$ -</b>	<b>\$ 624,435.00</b>	<b>\$ 624,435.00</b>
29	Person Primary Snow and Ice (36050.073)		\$ 275,946.62	\$ 355,225.78	\$ 420,203.41	\$ 118,429.34	\$ 45,335.56	\$ 194,656.10	\$ -	\$ -	\$ -
30	Person Primary Paved - Snow and Ice (5.107321)		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 279,203.00	\$ 279,203.00
31	<b>Person Primary Snow and Ice</b>		<b>\$ 275,946.62</b>	<b>\$ 355,225.78</b>	<b>\$ 420,203.41</b>	<b>\$ 118,429.34</b>	<b>\$ 45,335.56</b>	<b>\$ 194,656.10</b>	<b>\$ -</b>	<b>\$ 279,203.00</b>	<b>\$ 279,203.00</b>
32	Person Secondary Snow and Ice (36053.073)		\$ 101,890.62	\$ 1,966.49	\$ 13,388.01	\$ 102,823.16	\$ (7,821.00)	\$ 36,130.06	\$ -	\$ -	\$ -
33	Person Secondary Paved - Snow and Ice (5.207319)		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 51,823.00	\$ 51,823.00
34	<b>Person Secondary Snow and Ice</b>		<b>\$ 101,890.62</b>	<b>\$ 1,966.49</b>	<b>\$ 13,388.01</b>	<b>\$ 102,823.16</b>	<b>\$ (7,821.00)</b>	<b>\$ 36,130.06</b>	<b>\$ -</b>	<b>\$ 51,823.00</b>	<b>\$ 51,823.00</b>
35	<b>Person County Snow and Ice</b>		<b>\$ 377,837.24</b>	<b>\$ 357,192.27</b>	<b>\$ 433,591.42</b>	<b>\$ 221,252.50</b>	<b>\$ 37,514.56</b>	<b>\$ 230,786.16</b>	<b>\$ -</b>	<b>\$ 331,026.00</b>	<b>\$ 331,026.00</b>
36	More Primary Snow and Ice (36050.001)		\$ 238,465.65	\$ 171,364.60	\$ 273,363.37	\$ 166,763.31	\$ 133,618.84	\$ 203,388.14	\$ -	\$ -	\$ -
FY2021 Proposed WBS Spend Plan											
FY 2021 Adjusted Spend Plan			Lane Mileage		Snow & Ice						

# FY21 Spend Plan Development

1	<b>Historical Exp from SAP Transaction ZPSR17</b>					
2	7/17/2020					
3						
4						
5		<b>FY 2020 Expenditures</b>	<b>Latest 3-Year Expenditure Average</b>	<b>FY 2020 Spend Plan</b>	<b>FY 2021 Proposed Spend Plan</b>	<b>Spend Plan Delta</b>
137	Franklin Primary Paved - Maint (5.103511)	\$ 457,198.13	\$ 461,730.89	\$ 470,156.00	\$ 400,974.00	\$ (69,182.00)
138	Franklin Primary Paved - Damage Claims (5.103516)	\$ 14,665.36	\$ 4,888.45	\$ -	\$ -	\$ -
139	Franklin Primary Paved - Guardrail Repair (5.103520)	\$ 142,392.23	\$ 119,299.26	\$ 128,137.00	\$ 74,812.00	\$ (53,325.00)
140	<b>Franklin Primary Road Maintenance</b>	<b>\$ 614,255.72</b>	<b>\$ 585,918.60</b>	<b>\$ 598,293.00</b>	<b>\$ 475,786.00</b>	<b>\$ (122,507.00)</b>
141	Franklin Secondary Paved - Maint (5.203511)	\$ 1,381,774.21	\$ 1,874,908.31	\$ 1,411,406.00	\$ 1,779,333.00	\$ 367,927.00
142	Franklin Secondary Paved - Damage Claims (5.203516)	\$ 2,478.13	\$ 826.04	\$ -	\$ -	\$ -
143	Franklin Secondary Unpaved - Maint (5.203521)	\$ 91,999.84	\$ 101,894.97	\$ 91,308.00	\$ 96,701.00	\$ 5,393.00
144	<b>Franklin Secondary Road Maintenance</b>	<b>\$ 1,476,252.18</b>	<b>\$ 1,977,629.32</b>	<b>\$ 1,502,714.00</b>	<b>\$ 1,876,034.00</b>	<b>\$ 373,320.00</b>
145	<b>Franklin Road Maintenance</b>	<b>\$ 2,090,507.90</b>	<b>\$ 2,563,547.92</b>	<b>\$ 2,101,007.00</b>	<b>\$ 2,351,820.00</b>	<b>\$ 250,813.00</b>



# FY21 Division Spend Plan

At or below target spending

0-10% above target spending

More than 10% over target spending

## FY 2021 Expenditures Through July

Unit	Plan	Expenditures	Actual	Target	Delta
Primary Traffic Services	\$ 5,705,271.00	\$ 186,132.62	3.3%	8.3%	-5.1%
Secondary Traffic Services	\$ 3,294,730.00	\$ 162,051.12	4.9%	8.3%	-3.4%
<b>Traffic Services Total:</b>	<b>\$ 9,000,001.00</b>	<b>\$ 348,183.74</b>	<b>3.9%</b>	<b>8.3%</b>	<b>-4.5%</b>

Roadside Environmental	\$ 7,298,739.00	\$ 528,994.87	7.2%	8.3%	-1.1%
<b>Roadside Total:</b>	<b>\$ 7,298,739.00</b>	<b>\$ 528,994.87</b>	<b>7.2%</b>	<b>8.3%</b>	<b>-1.1%</b>

Primary Durham Maintenance	\$ 886,279.00	\$ 48,200.88	5.4%	8.3%	-2.9%
Secondary Durham Maintenance	\$ 1,900,434.00	\$ 138,297.65	7.3%	8.3%	-1.1%
Primary Durham Snow & Ice	\$ 733,777.00	-	0.0%	8.3%	-8.3%
Secondary Durham Snow & Ice	\$ 200,450.00	-	0.0%	8.3%	-8.3%
<b>Durham Maintenance Total:</b>	<b>\$ 3,729,925.00</b>	<b>\$ 186,498.53</b>	<b>5.0%</b>	<b>8.3%</b>	<b>-3.3%</b>

Primary Franklin Maintenance	\$ 514,859.00	\$ 50,983.12	9.9%	8.3%	1.6%
Secondary Franklin Maintenance	\$ 2,030,102.00	\$ 151,303.46	7.5%	8.3%	-0.9%
Primary Franklin Snow & Ice	\$ 252,970.00	-	0.0%	8.3%	-8.3%
Secondary Franklin Snow & Ice	\$ 224,463.00	-	0.0%	8.3%	-8.3%
<b>Franklin Maintenance Total:</b>	<b>\$ 3,022,394.00</b>	<b>\$ 202,286.58</b>	<b>6.7%</b>	<b>8.3%</b>	<b>-1.6%</b>

Primary Granville Maintenance	\$ 493,659.00	\$ 43,371.94	8.8%	8.3%	0.5%
Secondary Granville Maintenance	\$ 2,148,508.00	\$ 146,103.25	6.8%	8.3%	-1.5%
Primary Granville Snow & Ice	\$ 311,262.00	-	0.0%	8.3%	-8.3%
Secondary Granville Snow & Ice	\$ 313,173.00	-	0.0%	8.3%	-8.3%
<b>Granville Maintenance Total:</b>	<b>\$ 3,266,602.00</b>	<b>\$ 189,475.19</b>	<b>5.8%</b>	<b>8.3%</b>	<b>-2.5%</b>

Primary Person Maintenance	\$ 337,037.00	\$ 26,214.70	7.8%	8.3%	-0.6%
Secondary Person Maintenance	\$ 1,729,704.00	\$ 158,383.82	9.2%	8.3%	0.8%
Primary Person Snow & Ice	\$ 279,203.00	-	0.0%	8.3%	-8.3%
Secondary Person Snow & Ice	\$ 51,823.00	-	0.0%	8.3%	-8.3%
<b>Person Maintenance Total:</b>	<b>\$ 2,397,767.00</b>	<b>\$ 184,598.52</b>	<b>7.7%</b>	<b>8.3%</b>	<b>-0.6%</b>

Primary Vance Maintenance	\$ 353,687.00	\$ 30,927.94	8.7%	8.3%	0.4%
Secondary Vance Maintenance	\$ 1,178,132.00	\$ 107,795.78	9.1%	8.3%	0.8%
Primary Vance Snow & Ice	\$ 213,152.00	-	0.0%	8.3%	-8.3%
Secondary Vance Snow & Ice	\$ 122,995.00	-	0.0%	8.3%	-8.3%
<b>Vance Maintenance Total:</b>	<b>\$ 1,867,966.00</b>	<b>\$ 138,723.72</b>	<b>7.4%</b>	<b>8.3%</b>	<b>-0.9%</b>

Primary Wake Maintenance	\$ 2,293,795.00	\$ 172,890.24	7.5%	8.3%	-0.8%
Secondary Wake Maintenance	\$ 2,712,212.00	\$ 212,222.22	7.8%	8.3%	-0.5%
Primary Wake Snow & Ice	\$ 213,152.00	-	0.0%	8.3%	-8.3%
Secondary Wake Snow & Ice	\$ 122,995.00	-	0.0%	8.3%	-8.3%
<b>Wake Maintenance Total:</b>	<b>\$ 5,342,154.00</b>	<b>\$ 385,112.46</b>	<b>7.6%</b>	<b>8.3%</b>	<b>-0.7%</b>

# FY21 Division Spend Plan

Primary Wake Maintenance	\$ 2,293,795.00	\$ 172,890.24	7.5%	8.3%	-0.8%
Secondary Wake Maintenance	\$ 6,742,342.00	\$ 313,250.70	4.6%	8.3%	-3.7%
Primary Wake Snow & Ice	\$ 1,873,392.00	\$ -	0.0%	8.3%	-8.3%
Secondary Wake Snow & Ice	\$ 346,736.00	\$ -	0.0%	8.3%	-8.3%
<b>Wake Maintenance Total:</b>	<b>\$ 11,256,265.00</b>	<b>\$ 486,140.94</b>	<b>4.3%</b>	<b>8.3%</b>	<b>-4.0%</b>

Primary Warren Maintenance	\$ 332,646.00	\$ 14,230.89	4.3%	8.3%	-4.1%
Secondary Warren Maintenance	\$ 1,653,096.00	\$ 132,785.52	8.0%	8.3%	-0.3%
Primary Warren Snow & Ice	\$ 149,940.00	\$ -	0.0%	8.3%	-8.3%
Secondary Warren Snow & Ice	\$ 216,405.00	\$ -	0.0%	8.3%	-8.3%
<b>Warren Maintenance Total:</b>	<b>\$ 2,352,087.00</b>	<b>\$ 147,016.41</b>	<b>6.3%</b>	<b>8.3%</b>	<b>-2.1%</b>

Primary Bridge Maintenance	\$ 400,114.00	\$ 6,544.80	1.6%	8.3%	-6.7%
Secondary Bridge Maintenance	\$ 1,799,886.00	\$ 122,330.03	6.8%	8.3%	-1.5%
<b>Bridge Maintenance Total:</b>	<b>\$ 2,200,000.00</b>	<b>\$ 128,874.83</b>	<b>5.9%</b>	<b>8.3%</b>	<b>-2.5%</b>

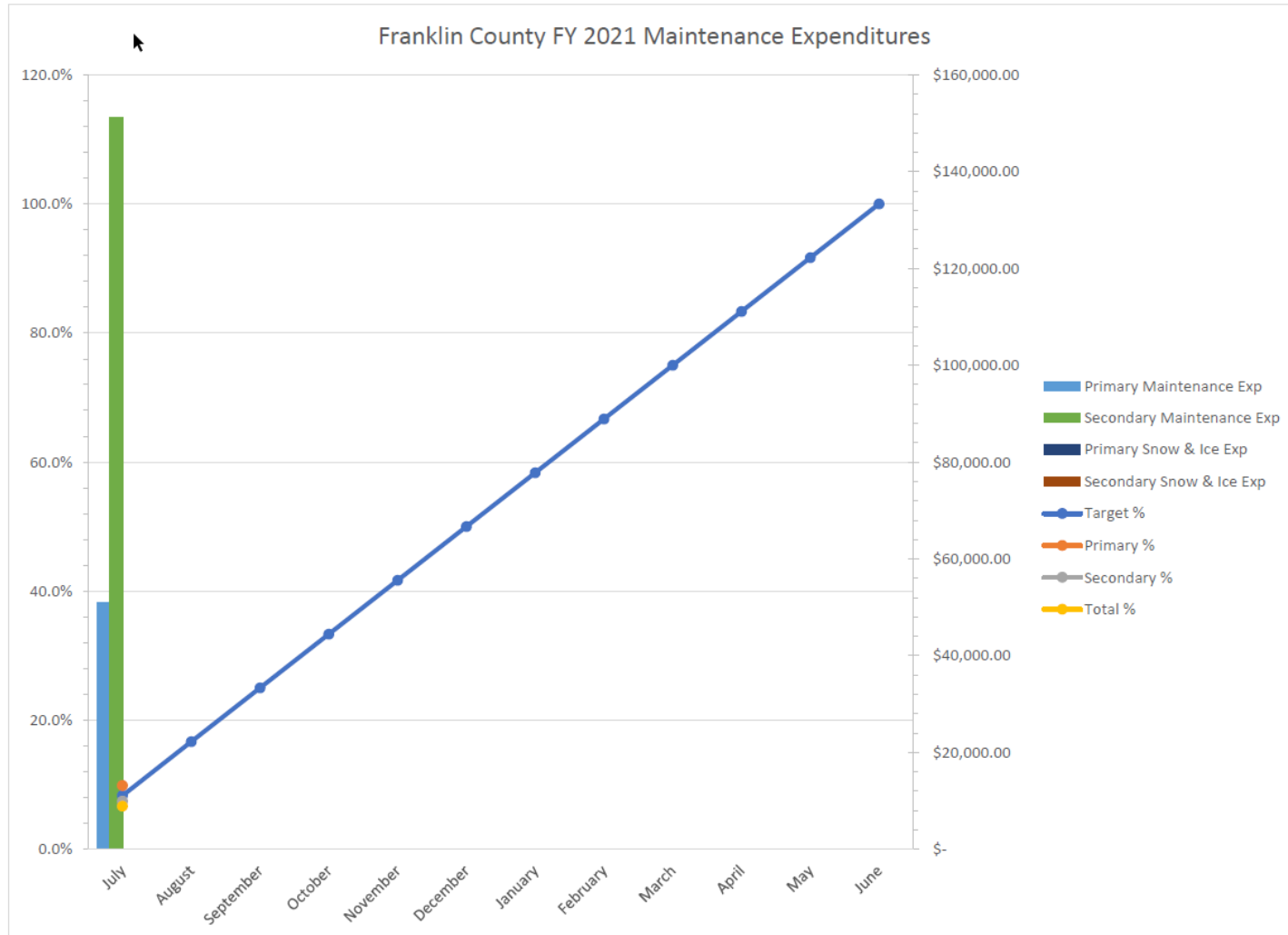
Bridge Preservation	\$ 2,629,855.00	\$ 107,313.06	4.1%	8.3%	-4.3%
<b>Bridge Preservation Total:</b>	<b>\$ 2,629,855.00</b>	<b>\$ 107,313.06</b>	<b>4.1%</b>	<b>8.3%</b>	<b>-4.3%</b>

District	\$ 1,650,000.00	\$ 121,434.34	7.4%	8.3%	-1.0%
MOST	\$ 125,000.00	\$ 3,594.54	2.9%	8.3%	-5.5%
<b>District &amp; MOST Total:</b>	<b>\$ 1,775,000.00</b>	<b>\$ 125,028.88</b>	<b>7.0%</b>	<b>8.3%</b>	<b>-1.3%</b>

IMAP	\$ 1,200,000.00	\$ 48,674.13	4.1%	8.3%	-4.3%
<b>IMAP Total:</b>	<b>\$ 1,200,000.00</b>	<b>\$ 48,674.13</b>	<b>4.1%</b>	<b>8.3%</b>	<b>-4.3%</b>

<b>GMR Total:</b>	<b>\$ 42,068,007.00</b>	<b>\$ 2,185,501.47</b>	<b>5.2%</b>	<b>8.3%</b>	<b>-3.1%</b>
<b>Roadside Total:</b>	<b>\$ 7,298,739.00</b>	<b>\$ 528,994.87</b>	<b>7.2%</b>	<b>8.3%</b>	<b>-1.1%</b>
<b>Bridge Preservation Total:</b>	<b>\$ 2,629,855.00</b>	<b>\$ 107,313.06</b>	<b>4.1%</b>	<b>8.3%</b>	<b>-4.3%</b>
<b>Division Total:</b>	<b>\$ 51,996,601.00</b>	<b>\$ 2,821,809.40</b>	<b>5.4%</b>	<b>8.3%</b>	<b>-2.9%</b>

# FY21 Franklin County Spend Plan





# FY21 Division Spend Plan

At or below target spending

0-10% above target spending

More than 10% over target spending

## FY 2021 Expenditures Through September

Unit	Plan	Expenditures	Actual	Target	Delta
Primary Traffic Services	\$ 5,388,311.00	\$ 751,136.78	13.9%	25.0%	-11.1%
Secondary Traffic Services	\$ 3,111,688.00	\$ 497,757.40	16.0%	25.0%	-9.0%
<b>Traffic Services Total:</b>	<b>\$ 8,499,999.00</b>	<b>\$ 1,248,894.18</b>	<b>14.7%</b>	<b>25.0%</b>	<b>-10.3%</b>

Roadside Environmental	\$ 7,298,739.00	\$ 1,566,379.39	21.5%	25.0%	-3.5%
<b>Roadside Total:</b>	<b>\$ 7,298,739.00</b>	<b>\$ 1,566,379.39</b>	<b>21.5%</b>	<b>25.0%</b>	<b>-3.5%</b>

Primary Durham Maintenance	\$ 819,018.00	\$ 213,929.59	26.1%	25.0%	1.1%
Secondary Durham Maintenance	\$ 1,756,208.00	\$ 403,613.11	23.0%	25.0%	-2.0%
<b>Durham Maintenance Total:</b>	<b>\$ 2,575,226.00</b>	<b>\$ 617,542.70</b>	<b>24.0%</b>	<b>25.0%</b>	<b>-1.0%</b>

Primary Franklin Maintenance	\$ 475,786.00	\$ 147,761.76	31.1%	25.0%	6.1%
Secondary Franklin Maintenance	\$ 1,876,034.00	\$ 470,916.17	25.1%	25.0%	0.1%
<b>Franklin Maintenance Total:</b>	<b>\$ 2,351,820.00</b>	<b>\$ 618,677.93</b>	<b>26.3%</b>	<b>25.0%</b>	<b>1.3%</b>

Primary Granville Maintenance	\$ 456,194.00	\$ 131,440.42	28.8%	25.0%	3.8%
Secondary Granville Maintenance	\$ 1,985,454.00	\$ 520,155.37	26.2%	25.0%	1.2%
<b>Granville Maintenance Total:</b>	<b>\$ 2,441,648.00</b>	<b>\$ 651,595.69</b>	<b>26.7%</b>	<b>25.0%</b>	<b>1.7%</b>

Primary Person Maintenance	\$ 311,459.00	\$ 81,606.07	26.2%	25.0%	1.2%
Secondary Person Maintenance	\$ 1,598,434.00	\$ 470,801.32	29.5%	25.0%	4.5%
<b>Person Maintenance Total:</b>	<b>\$ 1,909,893.00</b>	<b>\$ 552,407.39</b>	<b>28.9%</b>	<b>25.0%</b>	<b>3.9%</b>

Primary Vance Maintenance	\$ 326,845.00	\$ 93,175.17	28.5%	25.0%	3.5%
Secondary Vance Maintenance	\$ 1,088,722.00	\$ 287,872.11	26.4%	25.0%	1.4%
<b>Vance Maintenance Total:</b>	<b>\$ 1,415,567.00</b>	<b>\$ 381,047.28</b>	<b>26.9%</b>	<b>25.0%</b>	<b>1.9%</b>

Primary Wake Maintenance	\$ 2,119,716.00	\$ 563,796.69	26.6%	25.0%	1.6%
Secondary Wake Maintenance	\$ 6,236,272.00	\$ 1,120,145.72	18.0%	25.0%	-7.0%
<b>Wake Maintenance Total:</b>	<b>\$ 8,355,988.00</b>	<b>\$ 1,683,942.41</b>	<b>20.2%</b>	<b>25.0%</b>	<b>-4.8%</b>

Primary Warren Maintenance	\$ 307,401.00	\$ 74,251.66	24.2%	25.0%	-0.8%
Secondary Warren Maintenance	\$ 1,527,640.00	\$ 392,695.95	25.7%	25.0%	0.7%
<b>Warren Maintenance Total:</b>	<b>\$ 1,835,041.00</b>	<b>\$ 466,947.61</b>	<b>25.4%</b>	<b>25.0%</b>	<b>0.4%</b>

Primary Bridge Maintenance	\$ 372,831.00	\$ 75,217.23	20.2%	25.0%	-4.8%
Secondary Bridge Maintenance	\$ 1,627,169.00	\$ 378,082.06	23.2%	25.0%	-1.8%

# FY21 Division Spend Plan

Primary Wake Maintenance	\$ 2,119,716.00	\$ 563,796.69	26.6%	25.0%	1.6%
Secondary Wake Maintenance	\$ 6,236,272.00	\$ 1,120,145.72	18.0%	25.0%	-7.0%
<b>Wake Maintenance Total:</b>	<b>\$ 8,355,988.00</b>	<b>\$ 1,683,942.41</b>	<b>20.2%</b>	<b>25.0%</b>	<b>-4.8%</b>

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Primary Bridge Maintenance	\$ 372,831.00	\$ 75,217.23	20.2%	25.0%	-4.8%
Secondary Bridge Maintenance	\$ 1,627,169.00	\$ 378,082.06	23.2%	25.0%	-1.8%
<b>Bridge Maintenance Total:</b>	<b>\$ 2,000,000.00</b>	<b>\$ 453,299.29</b>	<b>22.7%</b>	<b>25.0%</b>	<b>-2.3%</b>

Bridge Preservation	\$ 2,629,855.00	\$ 257,868.09	9.8%	25.0%	-15.2%
<b>Bridge Preservation Total:</b>	<b>\$ 2,629,855.00</b>	<b>\$ 257,868.09</b>	<b>9.8%</b>	<b>25.0%</b>	<b>-15.2%</b>

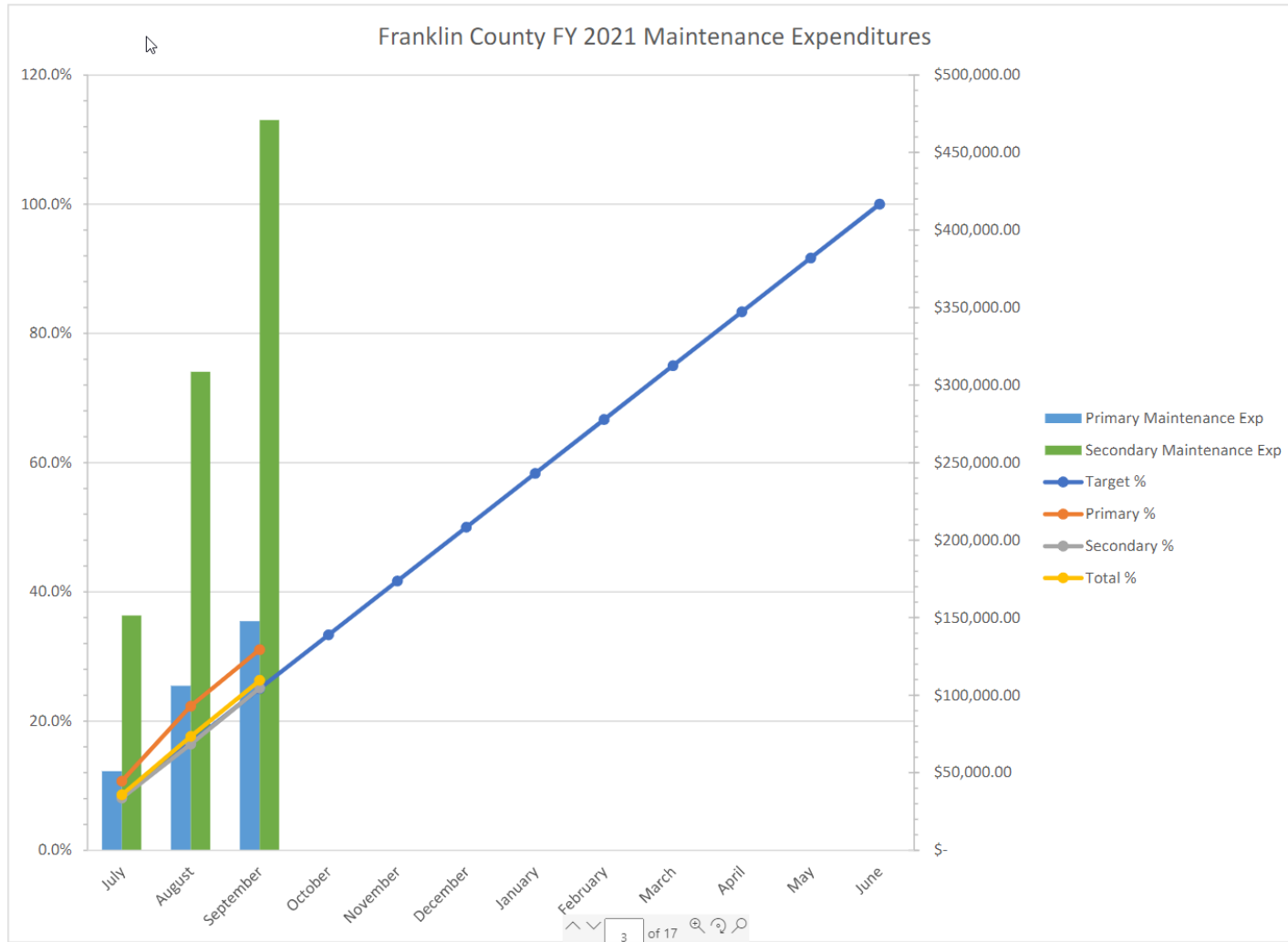
District	\$ 1,650,000.00	\$ 370,879.86	22.5%	25.0%	-2.5%
MOST	\$ 115,000.00	\$ 10,826.83	9.4%	25.0%	-15.6%
<b>District &amp; MOST Total:</b>	<b>\$ 1,765,000.00</b>	<b>\$ 381,706.69</b>	<b>21.6%</b>	<b>25.0%</b>	<b>-3.4%</b>

IMAP	\$ 1,000,000.00	\$ 171,967.05	17.2%	25.0%	-7.8%
<b>IMAP Total:</b>	<b>\$ 1,000,000.00</b>	<b>\$ 171,967.05</b>	<b>17.2%</b>	<b>25.0%</b>	<b>-7.8%</b>

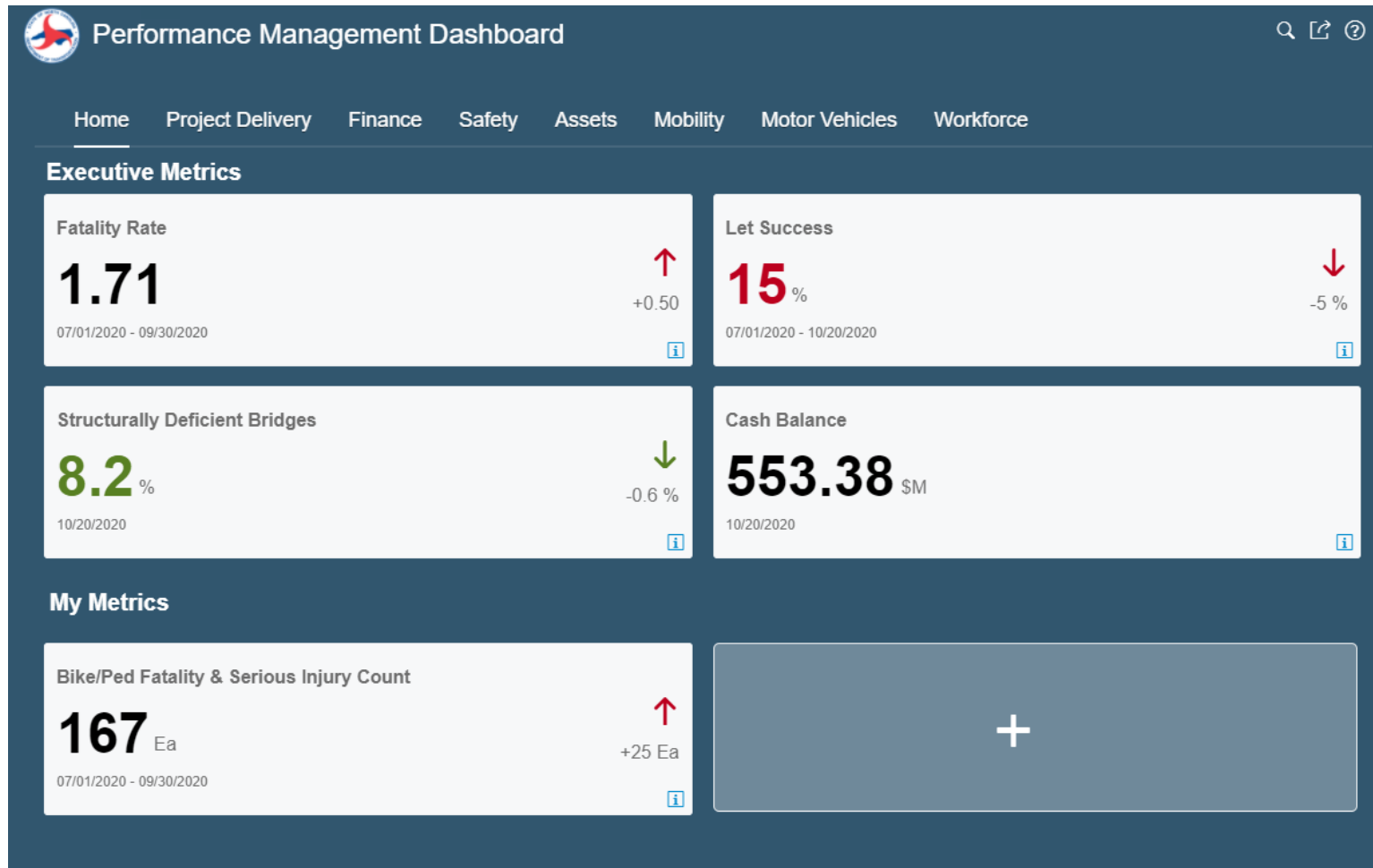
Primary Durham Snow & Ice	\$ 733,777.00	\$ 6,358.36	0.9%	25.0%	-24.1%
Secondary Durham Snow & Ice	\$ 209,435.00	\$ -	0.0%	25.0%	-25.0%
Primary Franklin Snow & Ice	\$ 252,970.00	\$ -	0.0%	25.0%	-25.0%
Secondary Franklin Snow & Ice	\$ 224,463.00	\$ -	0.0%	25.0%	-25.0%
Primary Granville Snow & Ice	\$ 311,262.00	\$ -	0.0%	25.0%	-25.0%
Secondary Granville Snow & Ice	\$ 313,173.00	\$ -	0.0%	25.0%	-25.0%
Primary Person Snow & Ice	\$ 279,203.00	\$ -	0.0%	25.0%	-25.0%
Secondary Person Snow & Ice	\$ 51,823.00	\$ -	0.0%	25.0%	-25.0%
Primary Vance Snow & Ice	\$ 213,152.00	\$ -	0.0%	25.0%	-25.0%
Secondary Vance Snow & Ice	\$ 122,995.00	\$ -	0.0%	25.0%	-25.0%
Primary Wake Snow & Ice	\$ 1,873,392.00	\$ 2,227.67	0.1%	25.0%	-24.9%
Secondary Wake Snow & Ice	\$ 346,736.00	\$ -	0.0%	25.0%	-25.0%
Primary Warren Snow & Ice	\$ 148,840.00	\$ -	0.0%	25.0%	-25.0%
Secondary Warren Snow & Ice	\$ 216,405.00	\$ -	0.0%	25.0%	-25.0%
<b>Snow &amp; Ice Total:</b>	<b>\$ 5,298,726.00</b>	<b>\$ 8,586.03</b>	<b>0.2%</b>	<b>25.0%</b>	<b>-24.8%</b>

<b>GMR Total:</b>	<b>\$ 39,448,908.00</b>	<b>\$ 7,236,614.25</b>	<b>18.3%</b>	<b>25.0%</b>	<b>-6.7%</b>
<b>Roadside Total:</b>	<b>\$ 7,298,739.00</b>	<b>\$ 1,566,379.39</b>	<b>21.5%</b>	<b>25.0%</b>	<b>-3.5%</b>
<b>Bridge Preservation Total:</b>	<b>\$ 2,629,855.00</b>	<b>\$ 257,868.09</b>	<b>9.8%</b>	<b>25.0%</b>	<b>-15.2%</b>
<b>Division Total:</b>	<b>\$ 49,377,502.00</b>	<b>\$ 9,060,861.73</b>	<b>18.4%</b>	<b>25.0%</b>	<b>-6.6%</b>

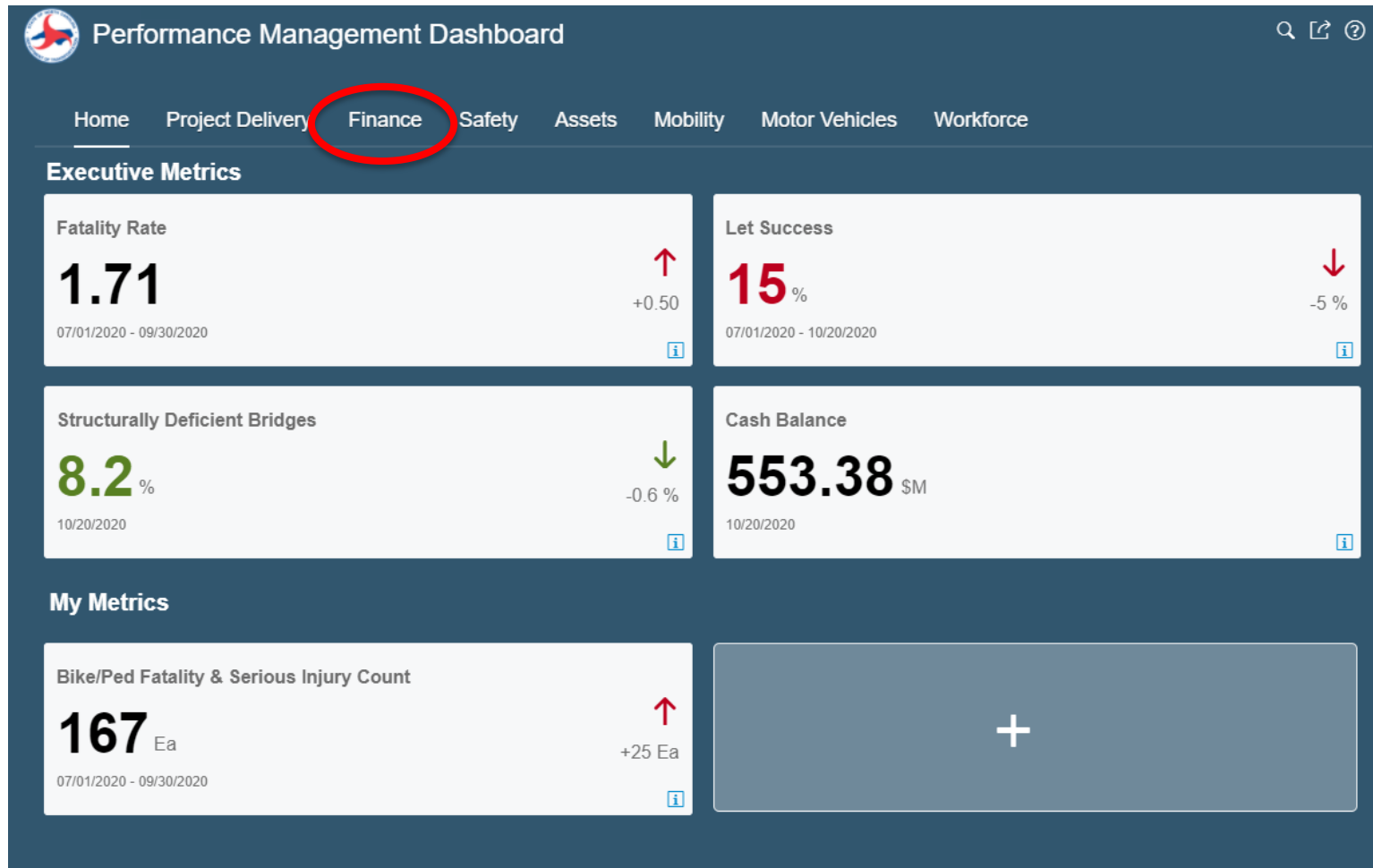
# FY21 Franklin County Spend Plan



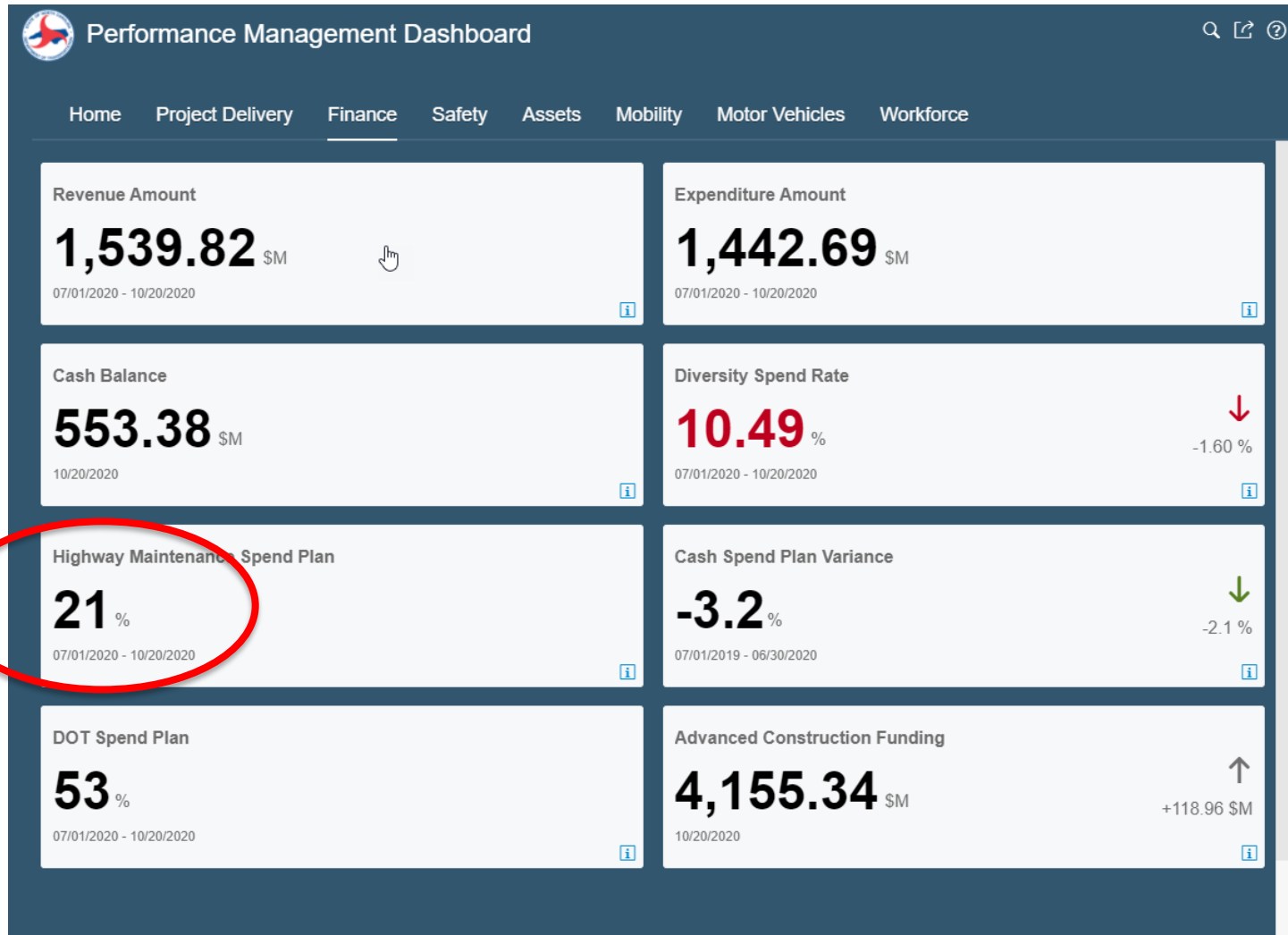
# Cash Balance



# Cash Balance



# Spend Plan

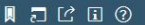


# Expenditure Tracking

## Highway Maintenance Spend Plan Dashboard



Highway Maintenance Spend Plan - Target planned costs compared to actual costs



Basic Analysis

Extended Analysis

Fiscal Year: 2021 As of: 10/21/20  
Plan Version: Target

% Spent

**21.2 %**

Plan (\$M)

**\$ 1,410**

Division Plan: \$ 958.90

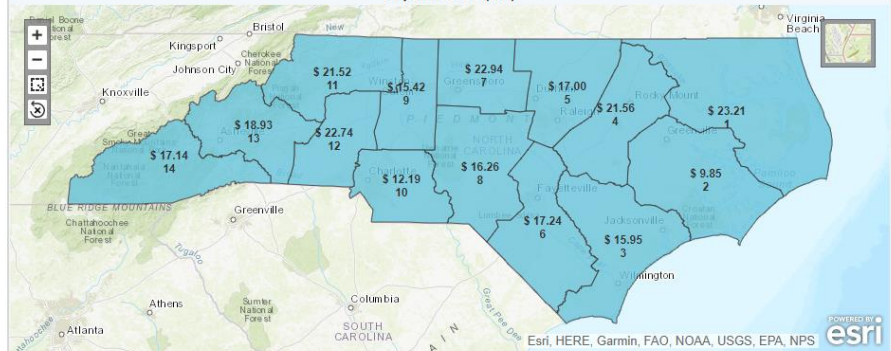
Expenditures (\$M)

**\$ 298**

Remaining (\$M)

**\$ 1,112**

Expenditures (\$M)



Distribution by Month

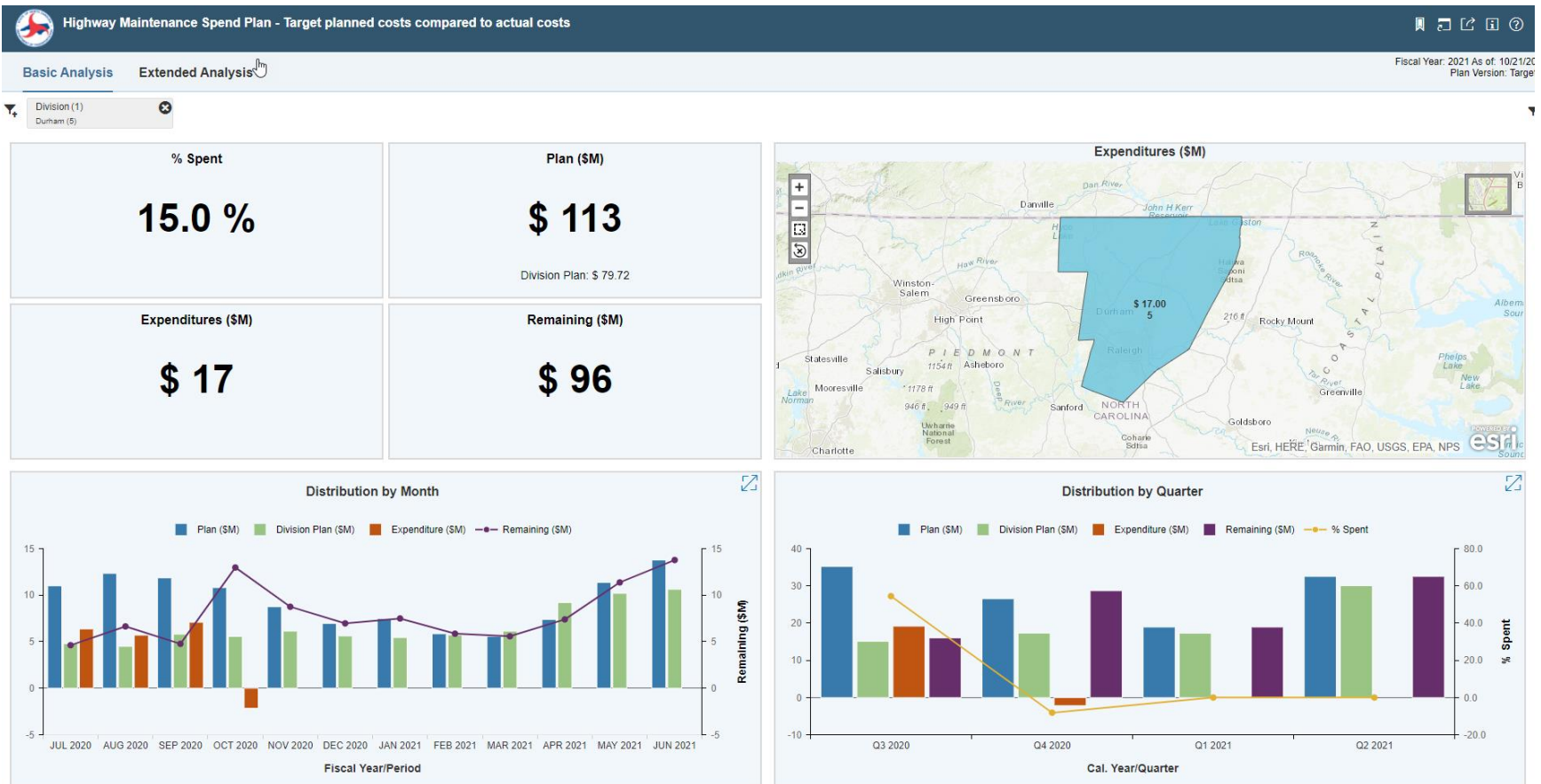


Distribution by Quarter



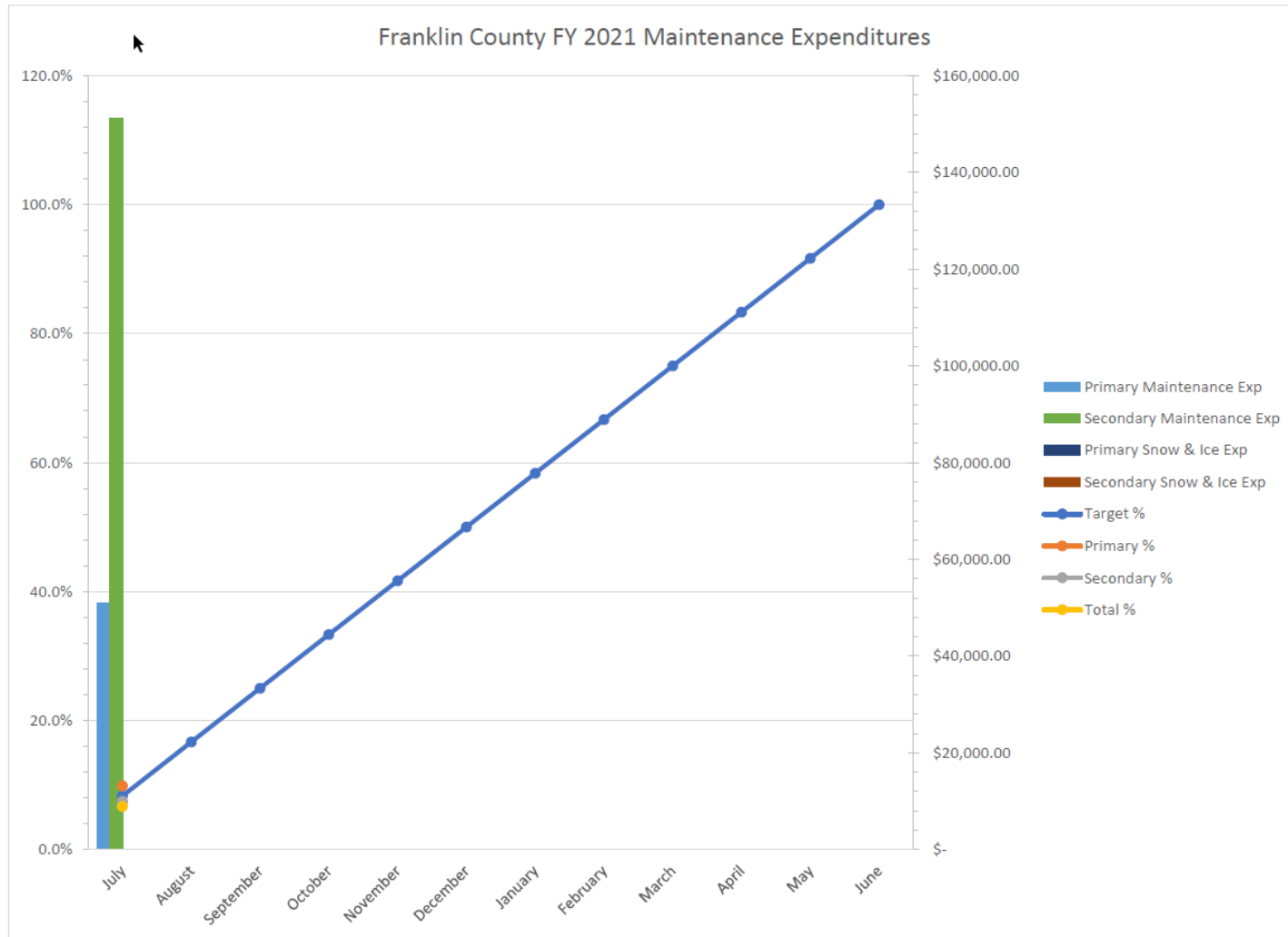


# Expenditure Tracking at the Division Level





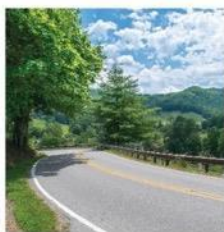
# Next Steps



# Questions?



## **NORTH CAROLINA** Department of Transportation



# Ferry Division Budget Discussion

October 27, 2020

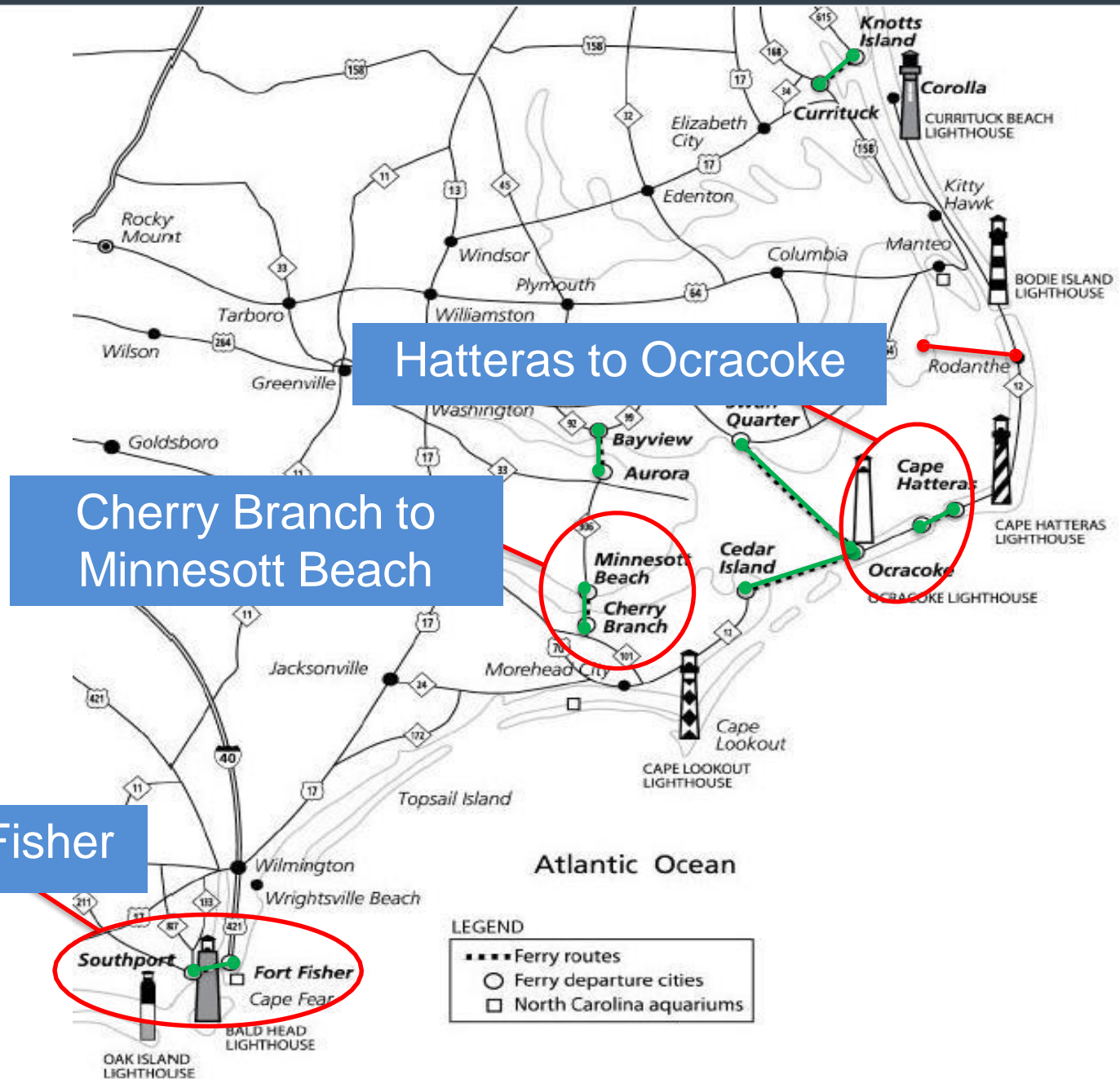
Harold Thomas, Director Ferry Division  
Mary Willis, Business Officer II

# Terminal Operations

## Our Most Popular Routes

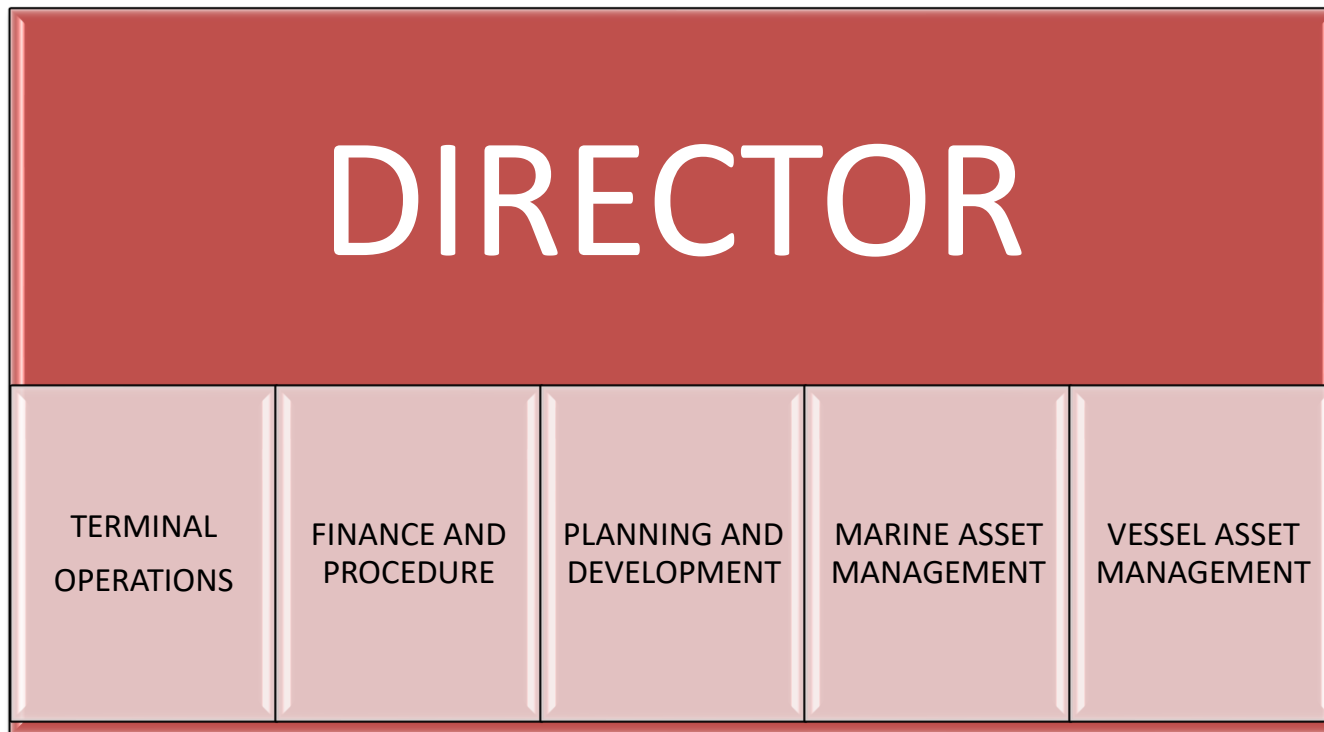
- Move **80%** of People & Vehicles
- Generate **75%** of Trips
- Provide **60%** of Service Hours

Southport to Fort Fisher



# Ferry Division

## Major Components



# Ferry Division Staff

## Service Based and Labor Driven

### Distribution of Employees in General Categories



#### **Administration - 9**

Director  
Business  
Human Resources  
Marine Assets  
Planning & Development  
Terminal Operations  
Vessel Assets



#### **Compliance - 9**

Quality Assurance

- Shipyard Inspections
- On-site Inspections

Safety  
Maritime Security



#### **Maintenance - 109**

On-site Technicians  
Marine Infrastructure and  
Dredging  
Shipyard

- Docking
- Paint
- Hull
- Mechanical



#### **Operations - 268**

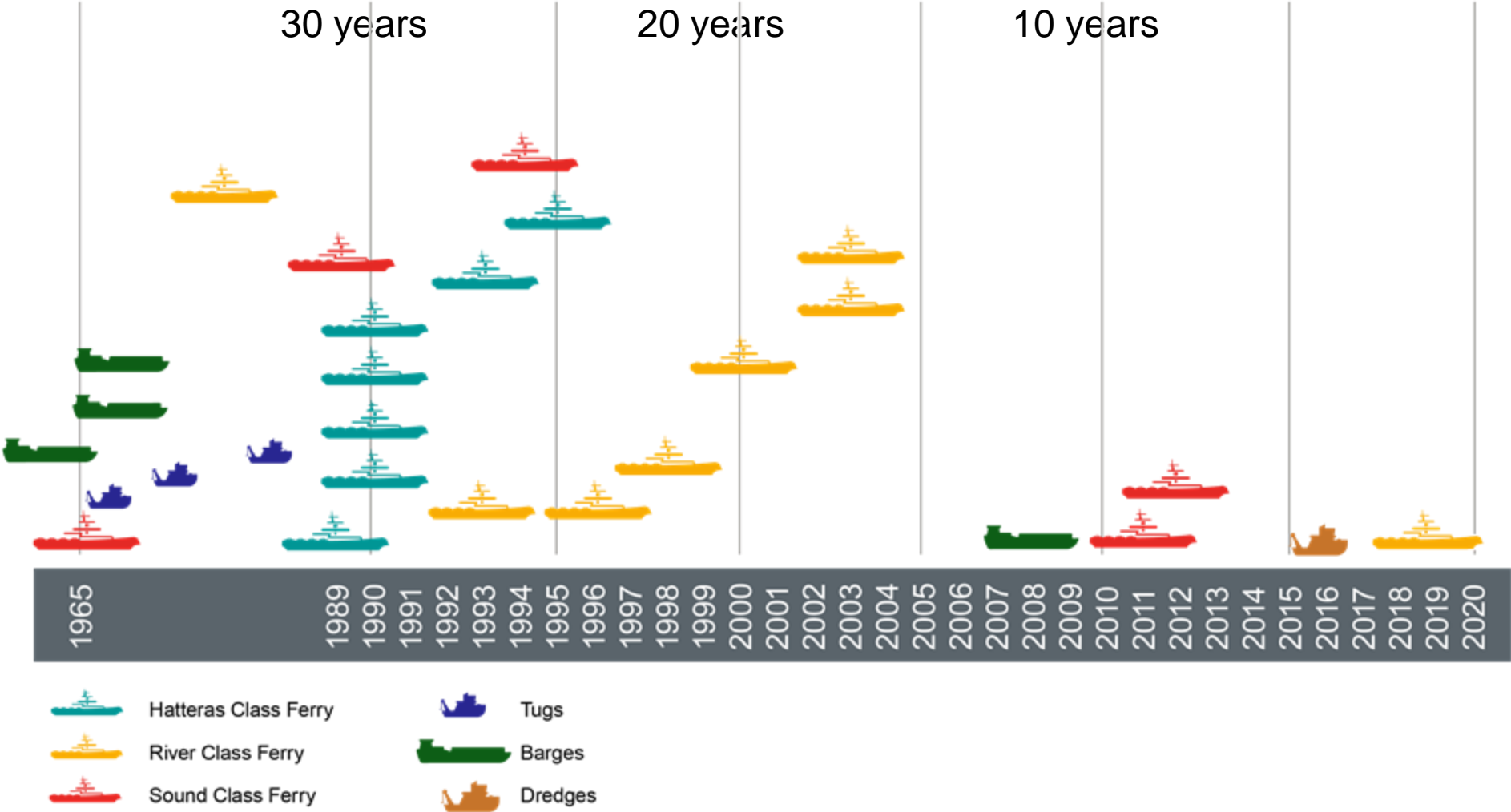
USCG Licensed

- Masters
- Mates
- Chief Engineers
- Oilers
- Deckhands

Shore Support



# Vessel Asset Management



# Asset Preservation

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- Cash Spend limitations delaying project engineering phase for addition of platen
- Benefits of additional platen
  - Increased Shipyard Capacity
    - Ability to accommodate vessel refurbishments
    - Meet USCG mandated shipyard schedule
    - Eliminates private yard period and related increased costs





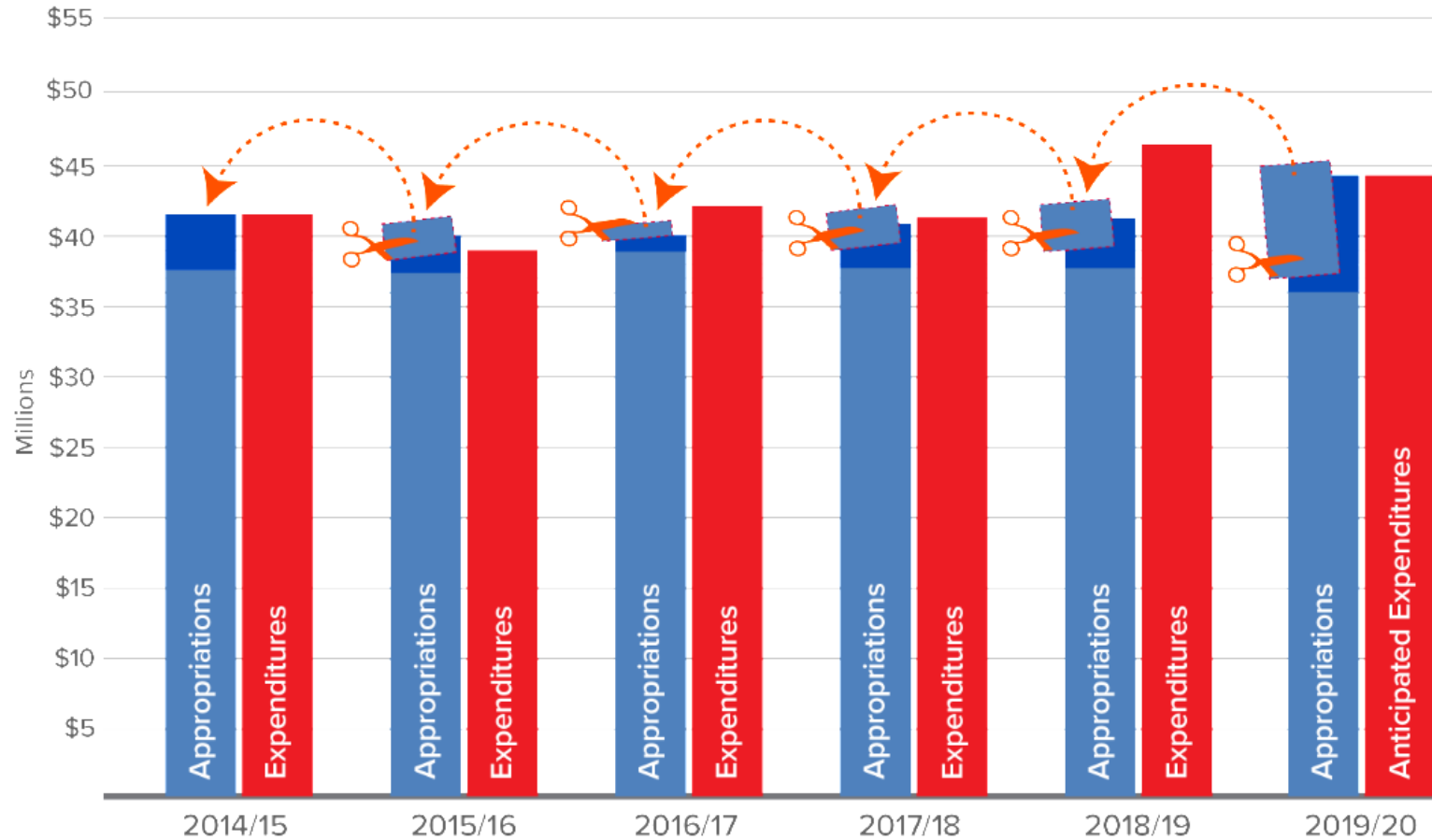


# Service Demand

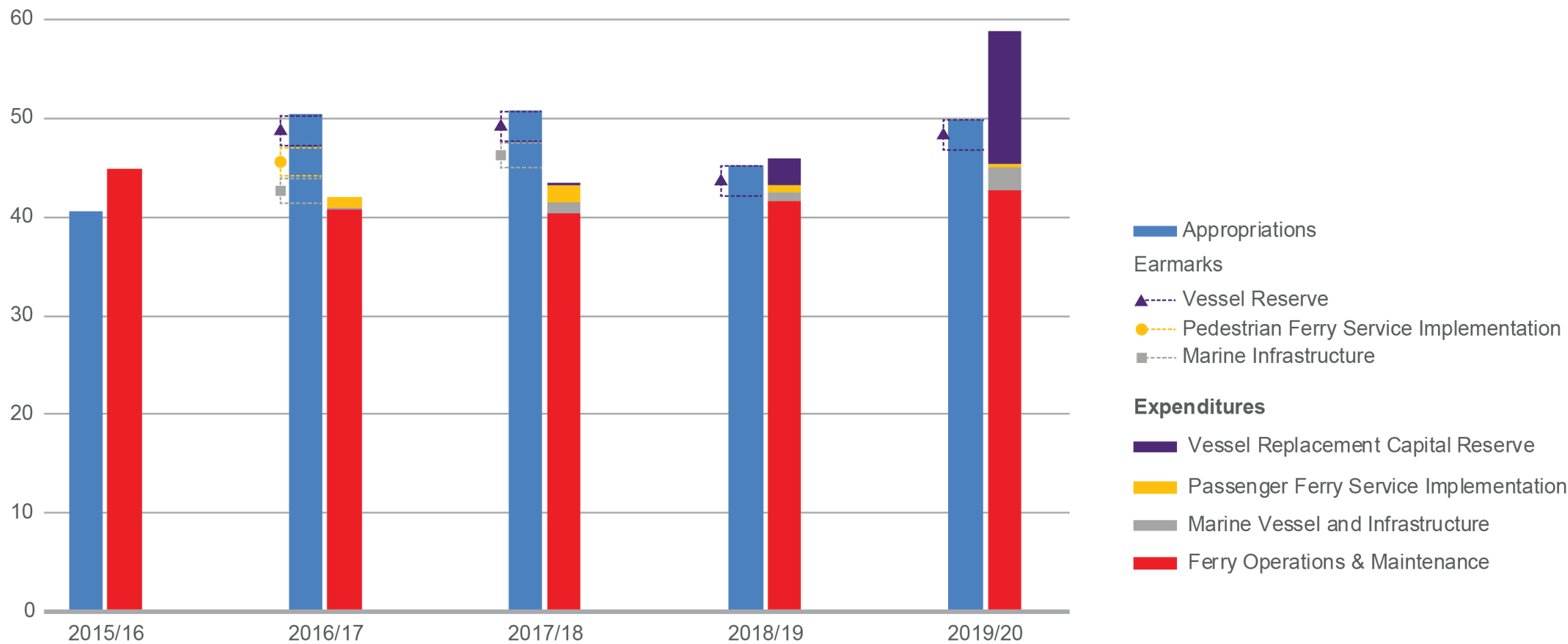
- Recent impacts to ridership
  - Funding to attend dredging of state and federal channels
  - Budget limitations relative to
    - Proactive vessel maintenance to avoid downtime
    - Licensed personnel for USCG manning
- Reasons to maintain readiness
  - Allow access to communities served
  - Tourism gains noted in Dare County
  - Southport ridership rebounding quickly
  - Multiple service restoration requests by
    - Public
    - Businesses
    - Representatives

# Annual Appropriations vs. Actual Expenses

Each overdraft must be addressed with the following year's appropriation.



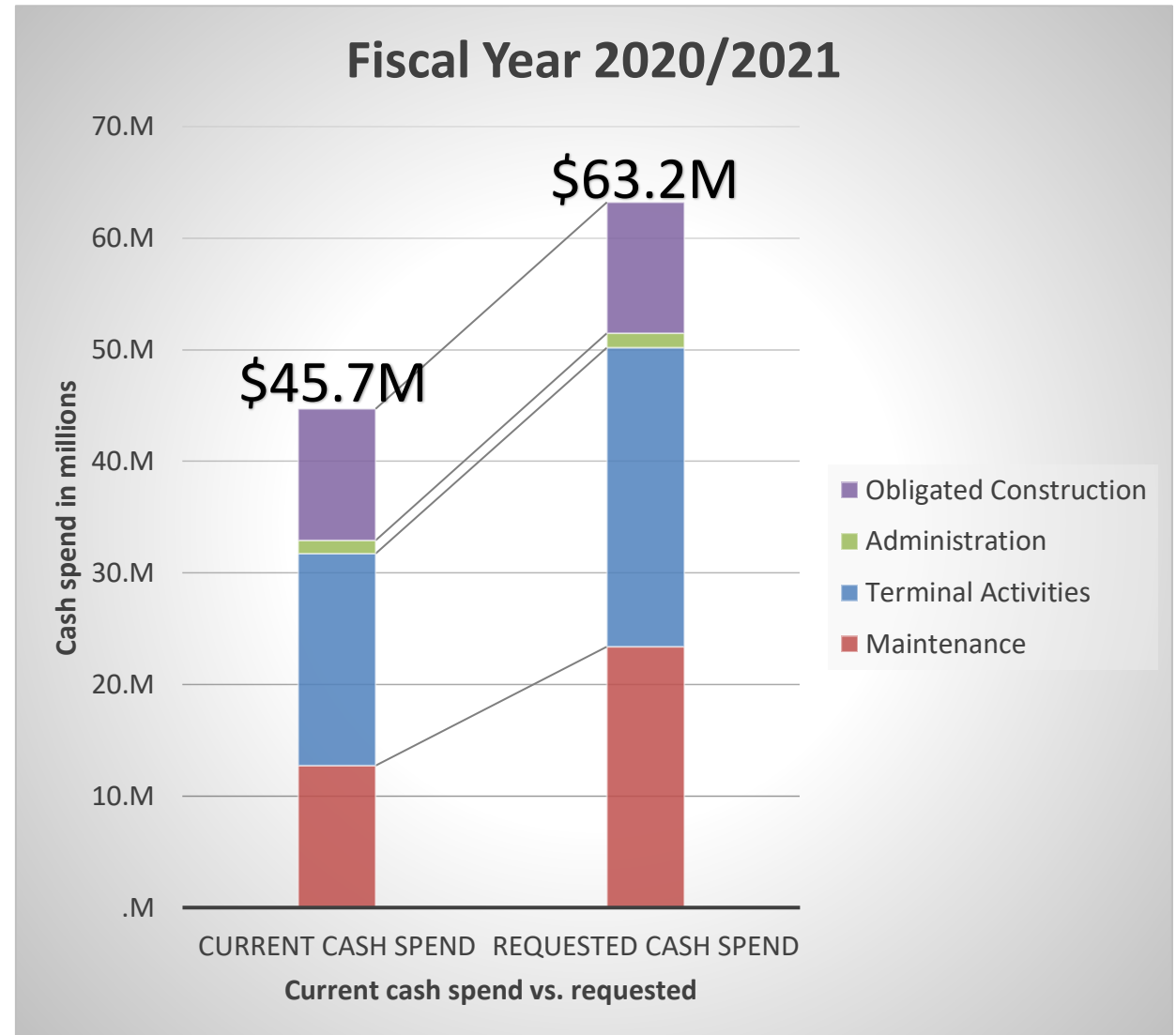
# Annual Appropriations vs. Actual Expenses



Carried forward construction funding and revenue are not available for operations and maintenance.  
Expenditures related to disaster preparation and recovery efforts are not captured under Ferry fund.

# Current cash spend compared to Requested cash spend

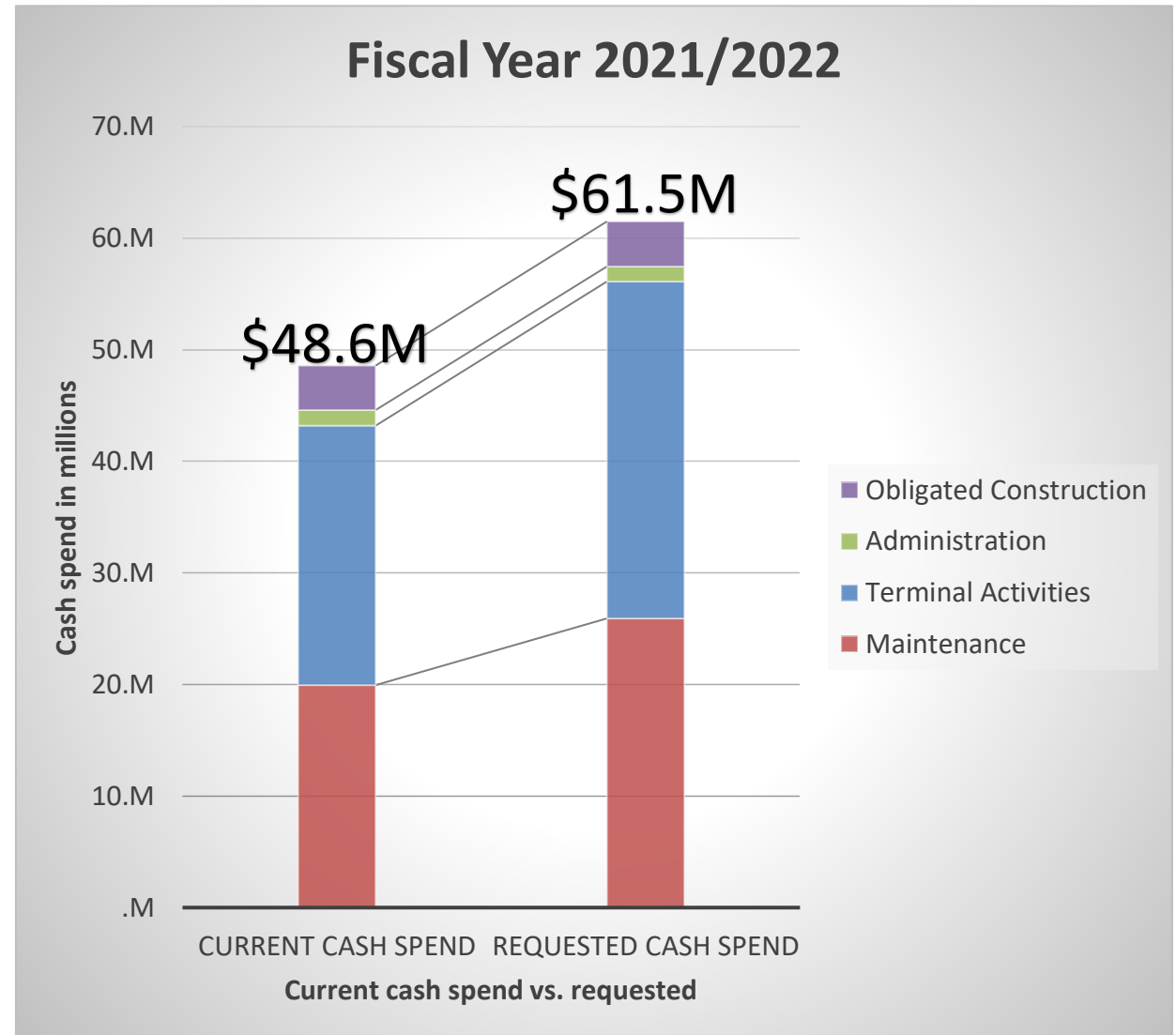
- Meeting current cash spend
  - Construction obligations prevent reductions
  - Furloughs of Managerial and Administrative Staff
  - Closing two routes for year
    - Overridden due to community pushback
- Reduction in Force 40+
- Multiple vessels pulled from service





# Current cash spend compared to Requested cash spend

- Meeting current cash spend
  - Construction obligations prevent reductions
  - Furloughs of Managerial and Administrative Staff
  - Closing two routes for year
    - Overridden due to community pushback
  - Reduction in Force 40+
  - Multiple vessels pulled from service



## Cash Spend Requests

- Fiscal Year 2020/2021
  - Requires no additional appropriation
- Fiscal Year 2021/2022
  - Additional appropriations request \$ 6.1M

# Legislative Changes for Consideration

- Article 6 – Ferries, etc., and Toll Bridges
  - General Statute 136-82
    - (d) ...Proceeds may be used to fund Ferry Division vessel replacement projects, supplement funds allocated for Ferry Division vessel replacement projects and ***the refurbishment of ferries for the preservation of the fleet*** approved in the Transportation Improvement Program. Vessels includes ferries, tugs, barges and dredges.
      - 5% of revenue to be designated for Division marketing
    - (f2)...proceeds from the disposition of marine vessels...to be used exclusively for marine infrastructure projects including upkeep and replacement of ramps, gantries, bulkheads and spoil sites
      - Remove Ferry Division construction projects from this section
    - (f3)...limit 3 vehicles per annual Priority Pass fee of \$ 150 and applies only to the vehicle route between Hatteras and Ocracoke

# In Closing

- Fiscal year 20/21 Cash Spend
  - From \$ 45.7 M to \$ 63.2M Requested
- Fiscal year 21/22 Cash Spend
  - From \$ 48.6M to \$ 61.5M Requested
- Overdraft clarification requested
  - Ferry to attend over multiple years
    - Delaying initiatives until complete, or
  - Annual deficit carried forward forgiven
    - Allows us to start anew
- Questions?





# North Carolina Future Investment Resources for Sustainable Transportation Commission



## Informational Resources Through October 26, 2020

### I. Meeting Materials

All meeting materials including agendas, videos, presentations, and minutes can be accessed online at [www.ncdot.gov/about-us/how-we-operate/finance-budget/nc-first/Pages/meeting-dates.aspx](http://www.ncdot.gov/about-us/how-we-operate/finance-budget/nc-first/Pages/meeting-dates.aspx)

Friday, May 3, 2019

*Overview of NCDOT and disruptors that are affecting the future of transportation*

- NCDOT Overview
- Transportation Disruptors
- The Future of Mobility in North Carolina
- Municipal Planning for Transportation Disruptors
- Regional Planning for Transportation Disruptors

Friday, July 12, 2019

*Focused primarily on existing revenue streams supporting transportation agencies*

- North Carolina Demographic Trends
- NCDOT Finance Overview
- Federal Revenues: Insolvent, Uncertain, and In Need of Modernization
- Paying for Vibrant Transportation Systems: An International Perspective
- Transportation Funding Solutions in Other States

Friday, Aug. 30, 2019

*Contextual information to help guide commissioners as they formulate recommendations*

- Tax Principles to Consider when Developing Revenue Recommendations
- SAS Investment Calculator: Presentation and Demonstration
- Economic Impact of Transportation Investments
- Citizen Survey Results
- NC FIRST Commission Public Comments

Friday, Nov. 22, 2019

*Alternative futures for mobility and how Utah is preparing for those possibilities*

- Lessons Learned in Utah (Road Usage Charge Program)
- The Movement of People in the Future
- Creating Smart Cities: Adoption of Technological Innovations and Infrastructure Improvements
- NC Moves 2050 Plan

Friday, Feb. 28, 2020

*Deep dive into transportation funding options, Part 1*

- NC Moves Financial Model
- Highway Tolling
- Energy Taxes
  - Carbon Tax
  - Electricity/Electric Vehicle Taxes
- Real and Personal Property Taxes
  - County Assessments
  - Potential State Applications
- Value Capture Options
- Weight-Based Taxes and Fees
- Occupancy Taxes
- CRAFTS Dashboard (SAS Investment Calculator): Hands-On Demo

Friday, April 24, 2020

*Deep dive into transportation funding options, Part 2*

- COVID-19 Update
- Survey Results
  - NC FIRST Web Survey
  - I-95 Corridor Coalition Survey
- Mileage-Based User Fees
- Micromobility Impacts and Revenue Options
- Shared Vehicles (Car Sharing / Transportation Network Companies) and Revenue Options
- Taxing Data

Friday, July 31, 2020

*Final revenue options and start of deliberations*

- Modifying Existing Revenue Sources
- Mileage-Based User Survey Results
- Commission Discussion

Friday, September 25, 2020

- NC MOVES 10-Year Needs Analysis
- CRAFTS Demonstration
- Recommendations from Local Government and Finance Workgroups
- Commission Discussion

## **II. Remaining Meeting Dates**

*To focus on additional revenue options, commission recommendations, and the final commission report*

- Friday, Nov. 20, 2020
- Final meeting TBD  
(originally scheduled to be held in conjunction with the 2021 NCDOT Transportation Summit)

### III. NC FIRST Commission Briefs

Brief 1: The Motor Fuels Tax (Updated for FY 2020)

[www.ncdot.gov/about-us/how-we-operate/finance-budget/nc-first/Documents/nc-first-brief-edition-1.pdf](http://www.ncdot.gov/about-us/how-we-operate/finance-budget/nc-first/Documents/nc-first-brief-edition-1.pdf)

Brief 2: Changing Demographics and the Future of Transportation in North Carolina

[www.ncdot.gov/about-us/how-we-operate/finance-budget/nc-first/Documents/nc-first-brief-edition-2.pdf](http://www.ncdot.gov/about-us/how-we-operate/finance-budget/nc-first/Documents/nc-first-brief-edition-2.pdf)

Brief 3: The North Carolina Highway Use Tax (Updated for FY 2020)

[www.ncdot.gov/about-us/how-we-operate/finance-budget/nc-first/Documents/nc-first-brief-edition-3.pdf](http://www.ncdot.gov/about-us/how-we-operate/finance-budget/nc-first/Documents/nc-first-brief-edition-3.pdf)

Brief 4: Rural Transportation Issues in North Carolina

[www.ncdot.gov/about-us/how-we-operate/finance-budget/nc-first/Documents/nc-first-brief-edition-4.pdf](http://www.ncdot.gov/about-us/how-we-operate/finance-budget/nc-first/Documents/nc-first-brief-edition-4.pdf)

Brief 5: Transportation, Distribution, and Logistics in the Future

[www.ncdot.gov/about-us/how-we-operate/finance-budget/nc-first/Documents/nc-first-briefs-edition-5.pdf](http://www.ncdot.gov/about-us/how-we-operate/finance-budget/nc-first/Documents/nc-first-briefs-edition-5.pdf)

Brief 6: DMV Fees (Update coming soon)

[www.ncdot.gov/about-us/how-we-operate/finance-budget/nc-first/Documents/nc-first-briefs-edition-6.pdf](http://www.ncdot.gov/about-us/how-we-operate/finance-budget/nc-first/Documents/nc-first-briefs-edition-6.pdf)

Brief 7: The Rise of Micromobility and its Potential Impacts for North Carolina

[www.ncdot.gov/about-us/how-we-operate/finance-budget/nc-first/Documents/nc-first-briefs-edition-7.pdf](http://www.ncdot.gov/about-us/how-we-operate/finance-budget/nc-first/Documents/nc-first-briefs-edition-7.pdf)

Brief 8: Revenue Impact from Electric and Hybrid Vehicles

[www.ncdot.gov/about-us/how-we-operate/finance-budget/nc-first/Documents/nc-first-brief-edition-8.pdf](http://www.ncdot.gov/about-us/how-we-operate/finance-budget/nc-first/Documents/nc-first-brief-edition-8.pdf)

Brief 9: How Other States and Countries Are Paying for Transportation Investments

[www.ncdot.gov/about-us/how-we-operate/finance-budget/nc-first/Documents/nc-first-brief-edition-9.pdf](http://www.ncdot.gov/about-us/how-we-operate/finance-budget/nc-first/Documents/nc-first-brief-edition-9.pdf)

Brief 10: The Future of Tolling in North Carolina

[www.ncdot.gov/about-us/how-we-operate/finance-budget/nc-first/Documents/nc-first-brief-edition-10.pdf](http://www.ncdot.gov/about-us/how-we-operate/finance-budget/nc-first/Documents/nc-first-brief-edition-10.pdf)

Brief 11: The Top Ten Myths about Transportation Funding

[www.ncdot.gov/about-us/how-we-operate/finance-budget/nc-first/Documents/nc-first-brief-edition-11.pdf](http://www.ncdot.gov/about-us/how-we-operate/finance-budget/nc-first/Documents/nc-first-brief-edition-11.pdf)

Brief 12: Mileage-Based User Fees

[www.ncdot.gov/about-us/how-we-operate/finance-budget/nc-first/Documents/nc-first-brief-edition-12.pdf](http://www.ncdot.gov/about-us/how-we-operate/finance-budget/nc-first/Documents/nc-first-brief-edition-12.pdf)

Brief 13: Transportation Finance

[www.ncdot.gov/about-us/how-we-operate/finance-budget/nc-first/Documents/nc-first-brief-edition-13.pdf](http://www.ncdot.gov/about-us/how-we-operate/finance-budget/nc-first/Documents/nc-first-brief-edition-13.pdf)

## IV. Reference Materials

1. NC FIRST Commission Orientation Materials
  - a. NCDOT Budget Overview  
[www.ncdot.gov/about-us/how-we-operate/finance-budget/nc-first/Documents/ncdot-budget-overview.pdf](http://www.ncdot.gov/about-us/how-we-operate/finance-budget/nc-first/Documents/ncdot-budget-overview.pdf)
  - b. NCDOT Finance Overview  
[www.ncdot.gov/about-us/how-we-operate/finance-budget/nc-first/Documents/ncdot-financial-overview.pdf](http://www.ncdot.gov/about-us/how-we-operate/finance-budget/nc-first/Documents/ncdot-financial-overview.pdf)
  - c. NCDOT Debt Overview  
[www.ncdot.gov/about-us/how-we-operate/finance-budget/nc-first/Documents/ncdot-debt-overview.pdf](http://www.ncdot.gov/about-us/how-we-operate/finance-budget/nc-first/Documents/ncdot-debt-overview.pdf)
2. Leading Commission Reports from Other States
  - a. Oregon (2016)  
[www.ncdot.gov/about-us/how-we-operate/finance-budget/nc-first/Documents/oregon-report.pdf](http://www.ncdot.gov/about-us/how-we-operate/finance-budget/nc-first/Documents/oregon-report.pdf)
  - b. Missouri (2018)  
[www.ncdot.gov/about-us/how-we-operate/finance-budget/nc-first/Documents/missouri-report.pdf](http://www.ncdot.gov/about-us/how-we-operate/finance-budget/nc-first/Documents/missouri-report.pdf)
  - c. Wisconsin (2013)  
[www.ncdot.gov/about-us/how-we-operate/finance-budget/nc-first/Documents/wisconsin-report.pdf](http://www.ncdot.gov/about-us/how-we-operate/finance-budget/nc-first/Documents/wisconsin-report.pdf)
3. Prior North Carolina Transportation Commission Report (2007)  
<https://www.ncdot.gov/about-us/how-we-operate/finance-budget/nc-first/Documents/north-carolina-report.pdf>



## **NORTH CAROLINA** Department of Transportation



# FPC - Update

## Operations Financial Structure Plan

10/27/2020

# HB 77 - Direction

## HIGHWAY DIVISION FINANCIAL PERSONNEL STRUCTURING

**SECTION 5.6.(a)** The Department of Transportation shall develop and establish a uniform financial management personnel structure within all Highway Division offices. Each position shall have clear responsibilities for financial management of accounts payable, accounts receivable, contract oversight, and budgets. Each Highway Division office is required to maintain personnel competent in Department cash management practices and Division project management as it relates to project spending.

**SECTION 5.6.(b)** The Department of Transportation shall develop and establish uniform report formats and policies and procedures that calculate spending and track cash management in a consistent manner among Highway Divisions. The Department shall provide training on all forms, systems, and policies developed by the Department pursuant to this section.

**SECTION 5.6.(c)** The Department is authorized to reclassify positions as required to establish the uniform financial management personnel structure required by this section.

**SECTION 5.6.(d)** The Department shall report to the Joint Legislative Transportation Oversight Committee and the Fiscal Research Division on the development and establishment of, or plan to establish and develop, the uniform financial management personnel structure by October 31, 2020. The report shall also include a description of required positions and responsibilities of the FTEs needed to establish the personnel structure required by this section for each Highway Division and all personnel actions taken to fulfill the requirements of this section, including associated costs. The information shall be provided for each Highway Division.

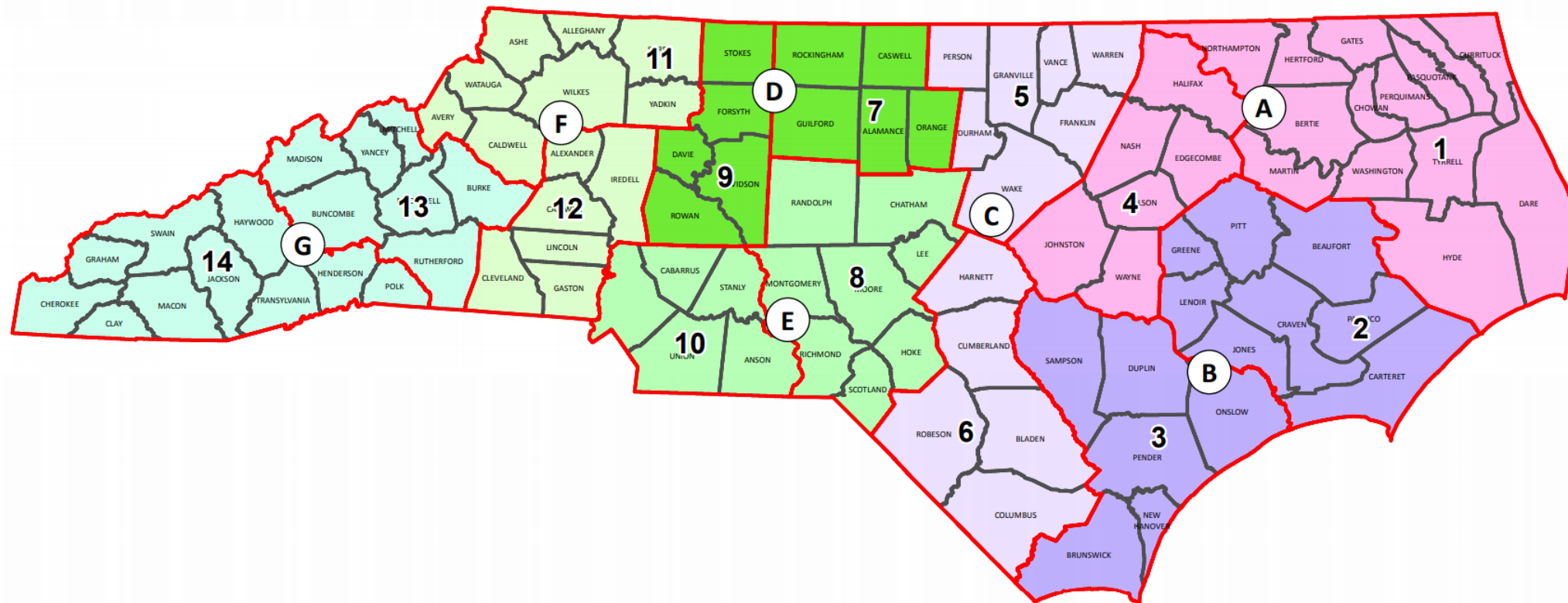
# Update to JLTOC

Session Law 2020-91 requires the Department of Transportation to report to the legislature on its plan to develop and establish a uniform financial management personnel structure within all highway division offices. The department is addressing these requirements in two phases. In our 10/16/20 response to JLTOC the following changes were outlined.

- 1) Staff in each highway division are meeting on a regular basis to discuss all facets of a division's budget. The division discusses the budget and spend plan of each program, the purchases of the division and any irregularities in the division, the priorities of projects within each program, and the budget and progress of projects in the STIP. The division business officers are meeting on a regular basis with the department's financial staff to discuss and share activities in each division. The department is also looking at opportunities to better educate the business officers on department accounting procedures and processes.
- 2) The department plans to create and fill several Accounting IV positions assigned to the divisions to be solely responsible for financial management. The chief engineer's office is working with Human Resources to identify seven administrative positions to convert to accounting positions. Each would assist two divisions aligned with the STI regions. These positions would work directly with their assigned divisions and report to the eastern and western deputy engineering positions. The goal is to have the positions reallocated and posted in January and have the positions filled by June for the beginning of fiscal year 2022. However, this schedule is dependent on identifying the seven administrative positions and the approval to re-allocate the positions.



## NCDOT – STIP Funding Regions to align with Financial Management Position



Thank you



# HIGHWAYS COMMITTEE MEETING MINUTES

**DRAFT**

**DATE:** 9/2/2020 **TIME:** 11:00 am – 11:50 am **LOCATION:** Room 150

<b>MEETING CALLED BY</b>	Chairman Cullie Tarleton
<b>BOARD ATTENDEES</b>	Vice-Chair Dirk Cody, Thomas Taft, Grady Hunt, Lisa Mathis, Stephen Rosenburgh, Andy Wells

## AGENDA TOPICS

<b>1. APPROVAL OF MARCH 2020 MINUTES</b>	
<b>DISCUSSION SUMMARY</b>	Chairman Tarleton stated if there are no additions or corrections needed to the March 2020 minutes, he would accept a motion to approve.
<b>ACTIONS TAKEN</b>	Motion to approve the March minutes made by Member Mathis, seconded by Member Hunt. The motion to approve the March minutes as written passed <b>unanimously</b> .

<b>2. NCDOT HIGHWAY COMMITTEE OVERVIEW AND PLANNING SESSION, MR. PATRICK NORMAN, PE, DIRECTOR OF HIGHWAY OPERATIONS, NCDOT CHIEF ENGINEER'S OFFICE</b>	
<b>DISCUSSION SUMMARY</b>	<p>The Highways Committee heard a presentation from Mr. Patrick Norman, NCDOT Director of Highway Operations, discussing the issues and policies related to the State Highway System that the Highways Committee is involved. These focus areas include:</p> <ul style="list-style-type: none"><li>- Highway Construction,</li><li>- Highway Maintenance &amp; Operations,</li><li>- Asset Management,</li><li>- Traffic Safety and Safety Operations,</li><li>- State Transportation Improvement Program (STIP),</li><li>- Highway Maintenance Improvement Program, and</li><li>- Additions/Deletions to the State Highway System.</li></ul> <p>Mr. Norman also reviewed previous topics covered by the Highways Committee in calendar years 2019 and 2020.</p> <p>The Committee members held a discussion of proposed future topics of the Highways Committee, which included the disposal of residue properties, impacts</p>



# HIGHWAYS COMMITTEE MEETING MINUTES

**DRAFT**

	of autonomous vehicles, the LOGO and TODS program, transportation funding, and roadside vegetation.
<b>ACTIONS TAKEN</b>	None



## HIGHWAYS COMMITTEE AGENDA

### BOARD OF TRANSPORTATION NOVEMBER 4, 2020

**TIME:** 10:45 AM – 11:30 AM

**LOCATION:** Microsoft TEAMS Meeting

TOPIC	PRESENTER	TIME
Call to Order Roll Call Declaration of Quorum Approval of September 2, 2020 Meeting Minutes	Mr. Cullie Tarleton, Chairman	10:45 AM
Autonomous Vehicles	Mr. Kevin Lacy, PE, CPM, State Traffic Engineer, NCDOT Transportation Mobility and Safety	10:50 AM
Other Discussion	Mr. Cullie Tarleton	11:25 AM
Adjourn	All	11:30 AM



## **NORTH CAROLINA**

Department of Transportation



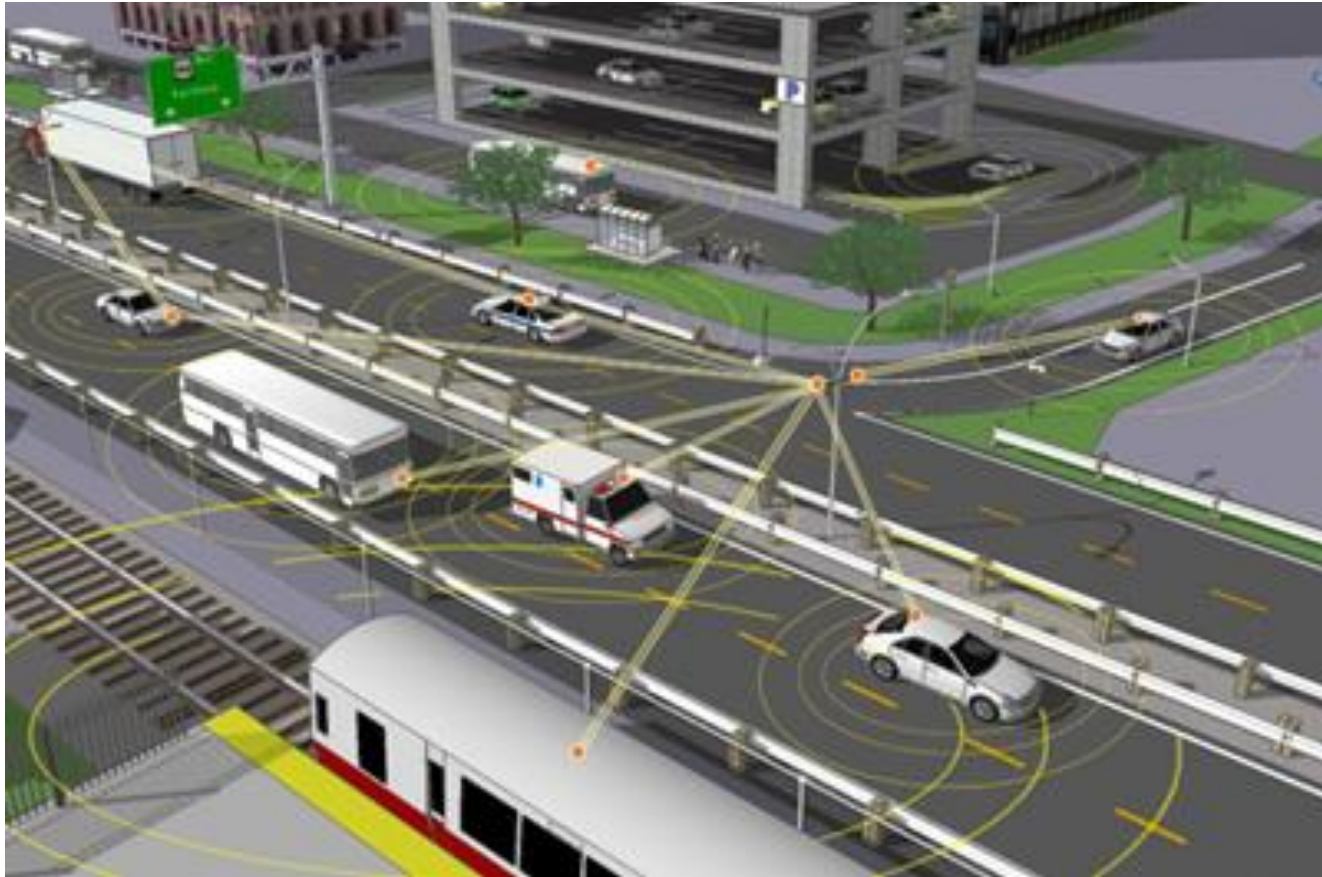
# Autonomous Vehicles

Kevin Lacy, PE, State Traffic Engineer

November 2020



# Nomenclature -Connected



Vehicles Connected to:

Each other sending information to each other about speed, braking, other information needed to make decisions

To the Infrastructure to determine roadway conditions, signal condition, levels of congestion on various routes, much more

Image from [www.networkworld.com](http://www.networkworld.com)

# Nomenclature – Autonomous

<https://www.ll.mit.edu/publications/images/publications/urbanchallenge1.jpg>



<http://www.govtech.com/fs/Autonomous-Cars-Could-Increase-Drivership-11-Percent-Researchers-Estimate.html>



[http://si.wsj.net/public/resources/images/BN-MC635\\_0114dr\\_P\\_20160114143938.jpg](http://si.wsj.net/public/resources/images/BN-MC635_0114dr_P_20160114143938.jpg)



<http://www.insurancejournal.com/news/national/2015/04/24/365573.htm>



# Nomenclature – Levels of Autonomy



Levels of autonomy based on the Society of Automotive Engineers' (SAE International) guidelines.

# Some Big Questions

**When will self driving vehicles (SDV) be available?**

Will SDV increase or decrease traffic congestion?

Will SDV create a higher level of safety on our transportation system?

# Some Big Questions

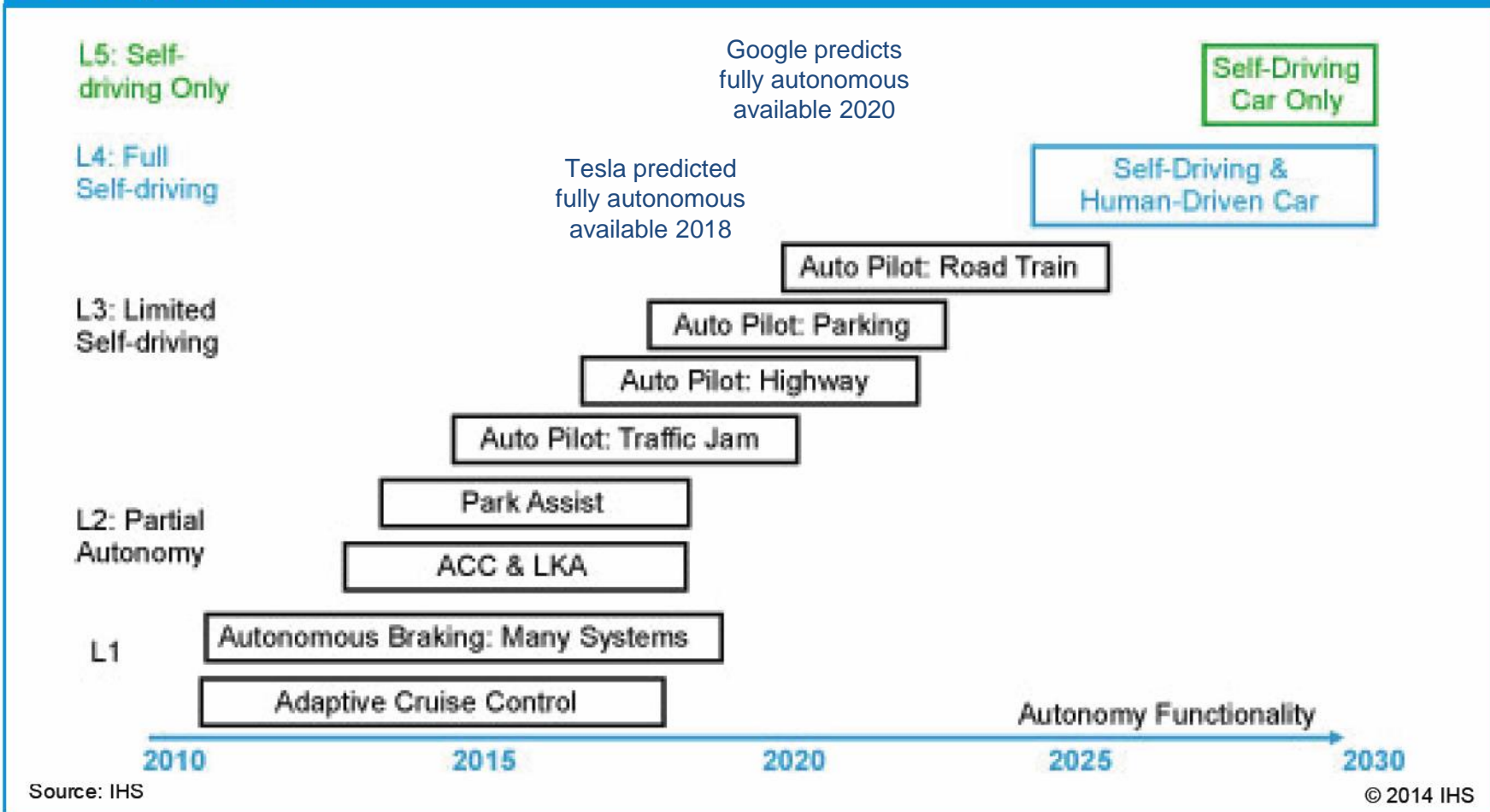
Who is responsible when a SDV gets involved in a crash?

Will I still be able to drive my car when SDV become available?

...

# When ??

## Self-driving car evolution



# Gartner Hype Cycle for Emerging Technologies, 2019



[gartner.com/SmarterWithGartner](https://gartner.com/SmarterWithGartner)

Source: Gartner  
© 2019 Gartner, Inc. and/or its affiliates. All rights reserved.

**Gartner**



# Today

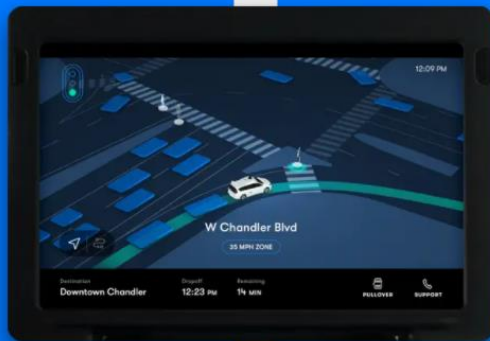
## Driverless Shuttle a Smart Move for Centennial Campus



<https://news.ncsu.edu/2020/02/driverless-shuttle-a-smart-move-for-centennial-campus/>

# Today

**Waymo has driver less permits in California, and testing a ride hailing app in Arizona**



## Ride with ease.

Waymo knows the roads and shows you what it's seeing along the way. Want to get in touch? Support is just a tap away.

## Avoid the stress of driving

Get there safely with a driver that sees in all directions, never takes its eyes off the road, and has over 10 million miles of experience.



# Waymo's Experience

- 20+ million self-driven miles
- 15+ billion Simulated Miles
- 5 Generations of Self-Driving Vehicles
- Has operated in 9 States and DC (WA, CA, AZ, NV, NM, TX, GA, FL, MI)

<https://storage.googleapis.com/sdc-prod/v1/safety-report/2020-09-waymo-safety-report.pdf>





**Over 100,000 paid self driving rides in Las Vegas**

**Over 1.5 million miles traveled in highly congested, highly distracting, and mixed vehicle environment. This is more “real-world” experience than most drivers will achieve in a lifetime.**

# Tipping the Scale with Beta?

Model S



Elon Musk and  
Tesla have MOXIE

**Tesla is putting  
'self-driving' in the  
hands of drivers  
amid criticism the  
tech is not ready**

<https://www.washingtonpost.com/technology/2020/10/21/tesla-self-driving/>

Tesla also has lawyers:

*"As we have stated consistently, no vehicle available for purchase today is capable of driving itself. The most advanced vehicle technologies available for purchase today provide driver assistance and require a fully attentive human driver at all times performing the driving task and monitoring the surrounding environment. Abusing these technologies is, at a minimum, distracted driving. Every State in the Nation holds the driver responsible for the safe operation of the vehicle."*

# What about trucks?



<https://www.youtube.com/watch?v=ffNHS96LdCI>

# Some Big Questions

When will self driving vehicles (SDV) be available?

**Will SDV increase or decrease traffic congestion?**

Will SDV create a higher level of safety on our transportation system?



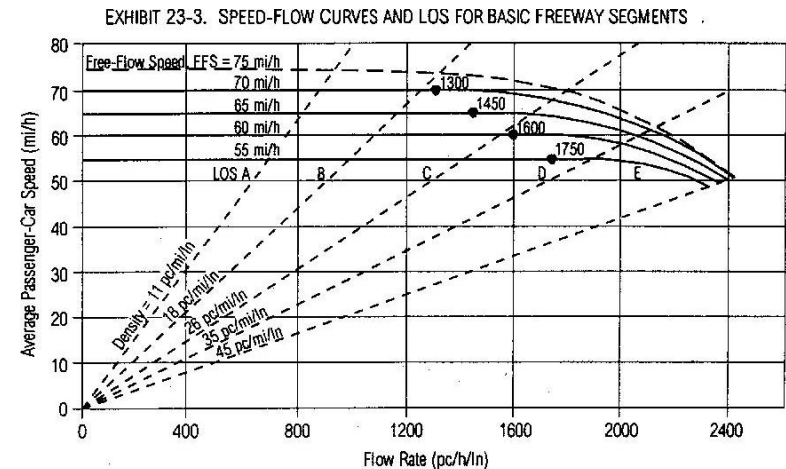
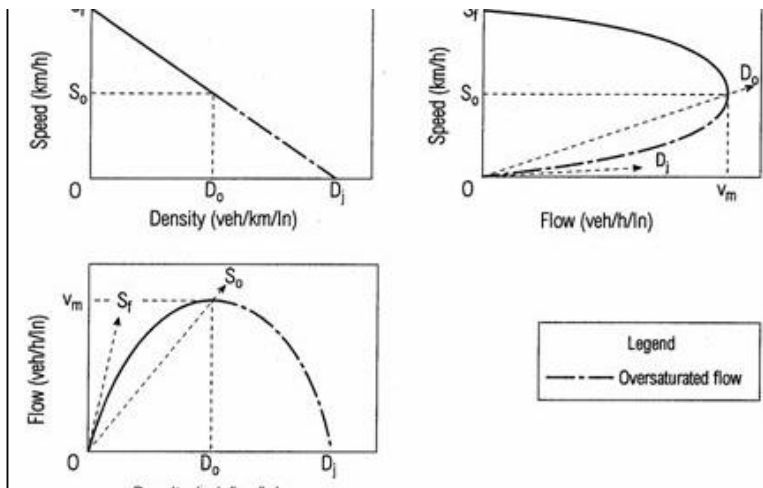
# Congestion



# Congestion and Traffic Flow

Curves below based upon 100% human drivers.

Some speculations have been made on what happens with mixed machine and human drivers. And it will be different when there is more machine drivers than human.



# SDV and Congestion

Will there be more cars?

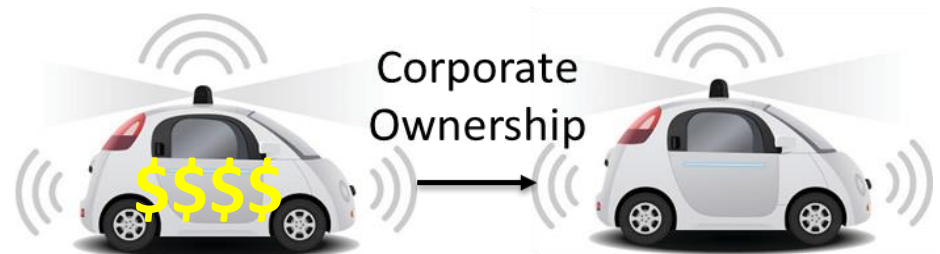
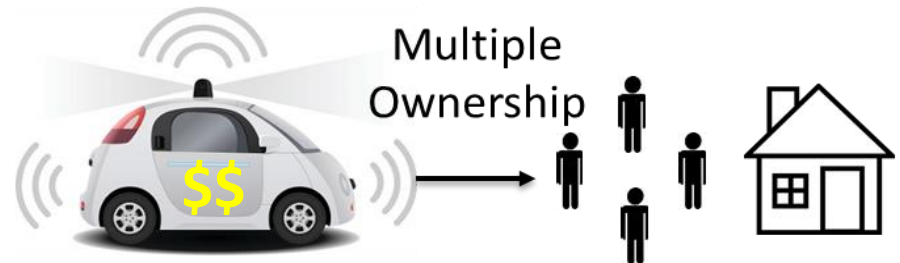
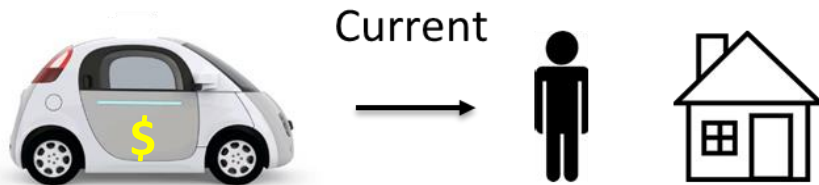
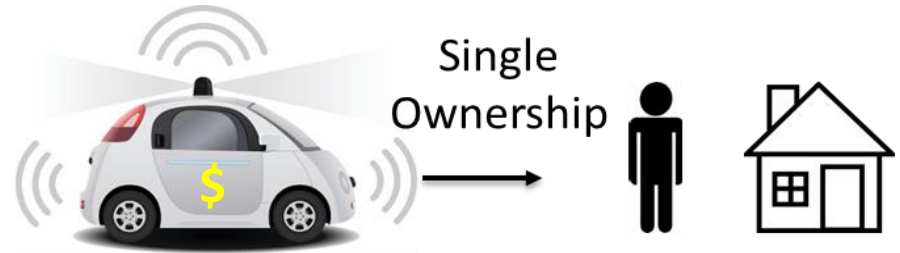
Maybe

Will there be more Vehicle Miles Traveled?

Yes

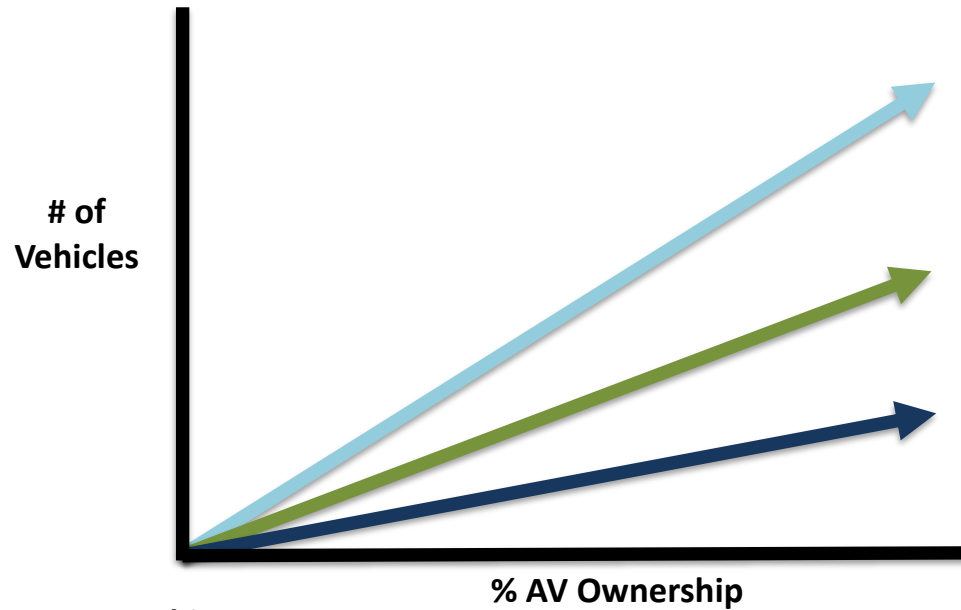
# More Cars?

**\$ = Cost of Ownership, initial purchase, maintenance, fuel/energy, etc.**



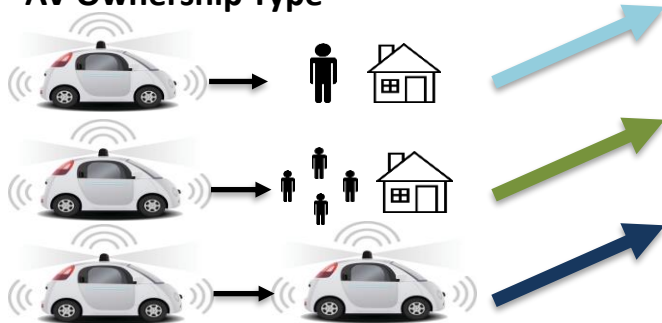


# Possible Trends – # of Vehicles

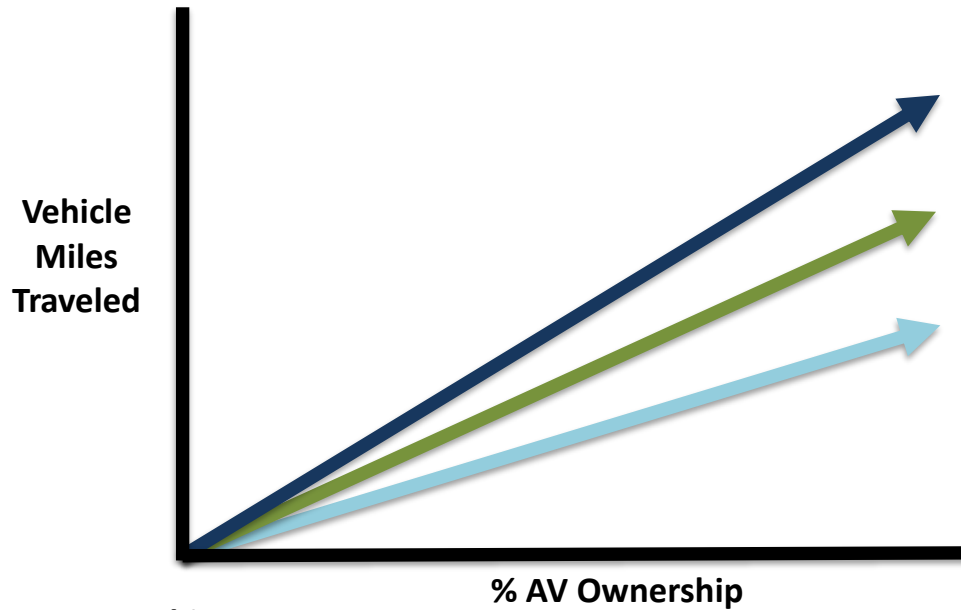


AV Ownership Type

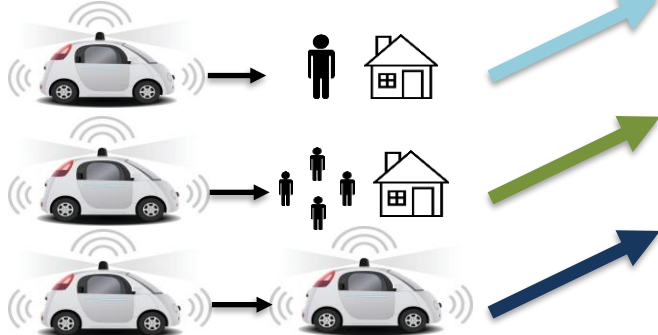
% AV Ownership



# Possible Trends – Vehicle Miles Travelled



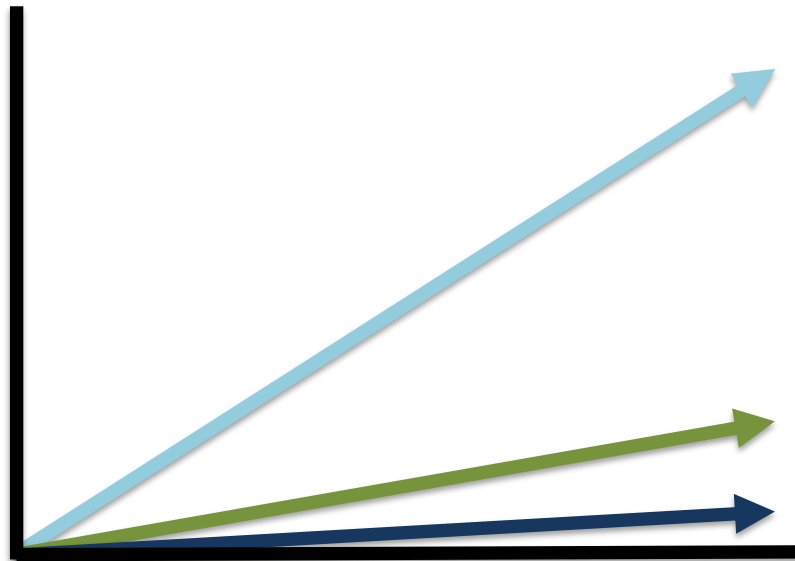
AV Ownership Type



Waymo announces over 20 Million miles driven  
September 2020

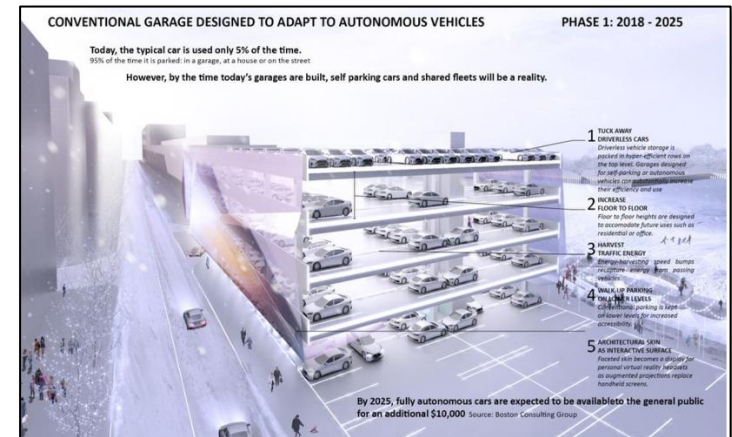
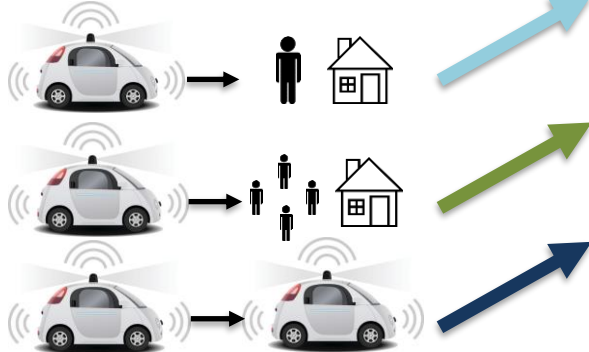
# Possible Trends - Parking

Parking  
Spaces /  
Facilities  
Required



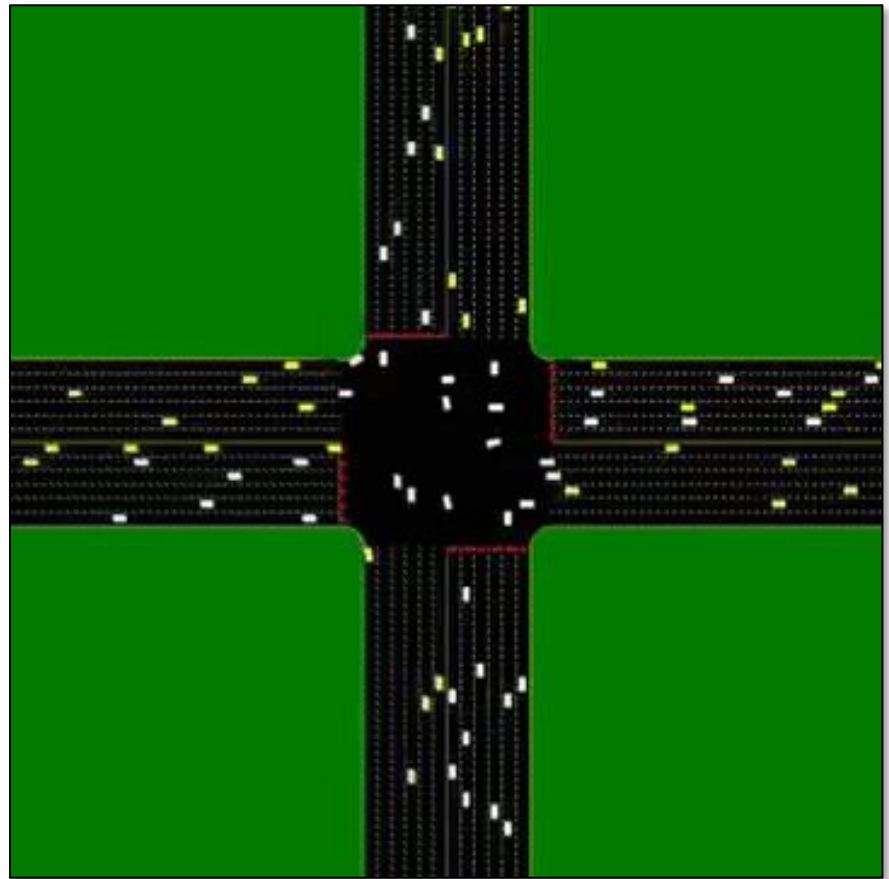
% AV Ownership

AV Ownership Type



# Possible Trends – Capacity

- Capacity should increase, regardless of the ownership model
- More efficient use of ROW and intersections
- But, with less parking and more vehicles on the road, do we lose this advantage?



Autonomous Intersection Management

# More Vehicle Miles Traveled?

Likely to increase due to empty vehicle movement.

Could decrease because of the higher ride sharing service availability (depends on price point, and opinions may be different after covid)

What about the Chauffeur Experiment?



# Chauffeur served as the SDV



=



Finding 1: VMT increased for 85% of the subjects ranging from 4% to 341% with an overall average of 83% increase.

Finding 2: All subjects sent their car off “empty” for errands or to pick up family and friends. Twenty-one percent of the VMT was zero occupancy.

Finding 3: Activity patterns changed, with people taking more trips (on average 58% increase in the number of trips), traveling more in the evening, and taking longer trips (91% increase in trips longer than 20 miles)

# Chauffeur served as the SDV



=



Finding 4: The impact on walking was inconclusive on walking, 30% of subjects decreased the miles and 70 percent increased their miles walked, (31% and 37 % respectfully).

Finding 5: Cohort groupings behaved differently. Three groups, Retirees, Families, and Millennials.

Small beta-test from 13 San Francisco Bay area households.

[http://www.joanwalker.com/uploads/3/6/9/5/3695513/harb\\_et\\_al\\_chauffeur\\_-\\_nov\\_2017\\_working\\_paper.pdf](http://www.joanwalker.com/uploads/3/6/9/5/3695513/harb_et_al_chauffeur_-_nov_2017_working_paper.pdf)

# How SDV could decrease Congestion

By utilizing more of the transportation system. Drivers stick to the same roads leaving some roads underutilized.

By driving closer together both laterally and horizontally. This allows more vehicles to use the same space.



# How SDV could eliminate congestion as a concern

If you do not have to drive and that time is returned to you to accomplish other tasks, connect with family and friends, or for entertainment, then congestion may become IRRELEVANT.

Smart phones, tablets and laptops have turned non-productive waiting times into time things can get accomplished.

We will provide future presentations on these and the other questions concerning Self Driving Vehicles. If there are specific questions that you are interested in, please let me know and we will work on it.

**For More Information Contact:**

**Kevin Lacy, PE**

**[jklacy1@ncdot.gov](mailto:jklacy1@ncdot.gov)**

**<http://www.ncav.org/>**



# MULTI-MODAL TRANSPORTATION COMMITTEE MEETING MINUTES

DATE: 09-02-2020 TIME: 11:00 AM LOCATION: Microsoft Teams (Virtual)

MEETING CALLED BY	Chairman Allen Moran
BOARD ATTENDEES	Chairman Mike Fox, Vice Chairman Andy Perkins, Melvin Mitchell, Valerie Jordan, Brad Lail, and Landon Zimmer

## AGENDA TOPICS

1. APPROVAL OF MEETING MINUTES – CHAIRMAN ALLEN MORAN	
DISCUSSION SUMMARY	Chairman Allen Moran stated that the meeting minutes were distributed prior to the meeting, and if there are no additions or corrections, the Chair would accept a motion that the minutes from the March 4, 2020 meeting be approved as submitted.
ACTIONS TAKEN	<p>A motion to approve March 4, 2020, minutes as distributed was made by BOT Vice Chairman Perkins and was seconded by Board Member Zimmer.</p> <p>The committee voted unanimously to approve the meeting minutes.</p>

2. MULTI-MODAL COMMITTEE PLANNING PRESENTATION – CHAIR ALLEN MORAN, JULIE WHITE, DEPUTY SECRETARY JULIE WHITE	
DISCUSSION SUMMARY	<p>Multi-Modal Committee presentation on the primary focus of the Multi-Modal Committee, recap of the Multi-Modal Committee over the past 24 months, discuss planning and vision for the Multi-Modal Committee. Committee members made the following suggestions for committee presentations and topics:</p> <ul style="list-style-type: none"><li>• Transit – how systems are responding in COVID including both NC systems and across the nation, an update on the FTA CARES funds, and hearing from both a small rural and large urban transit system for how they have been impacted; how transit systems assist in evacuations during hurricanes,</li><li>• Rail – higher speed rail update,</li><li>• Innovation – how the modes are working on innovation and funding impacts to that including a presentation on Wilson's Via Pilot Project</li><li>• Modes Funding, Grants and STI – gain an understanding of the various funding sources available to the modes inside and outside STI, understand grants available to the modes, the match requirements, and a scorecard on grants sought and won</li><li>• Modal Virtual Tours - seek to expose the committee to the modes by having staff give tours of modal projects virtually</li><li>• National Speakers – seek to bring speakers to the committee virtually that are experts in the various modes and industry leaders</li></ul>



## MULTI-MODAL TRANSPORTATION COMMITTEE MEETING MINUTES

	<ul style="list-style-type: none"><li>• Modal Major Projects – presentations on major projects happening in the modes.</li></ul> <p>The Chairman will work with staff to develop agenda's for future committee meetings based on this feedback.</p>
<b>ACTIONS TAKEN</b>	No Action Taken

**MEETING ADJOURNED: 11:42 AM**



## **NORTH CAROLINA** Department of Transportation



# Integrated Mobility Division CARES Act Implementation NC Transit Cares

November 4, 2020



- \$25 billion in funding to support the transit industry response for COVID-19
  - Urbanized Area Formula Program: \$22.7 billion
  - Formula Grants for Rural Areas: \$2.2 billion
  - Administration and oversight: \$75 million
- Beginning January 20, 2020, all activities normally eligible under the Urbanized Area (49 USC 5307) and Rural Area (49 USC 5311) formula programs are eligible for CARES Act funding, including:
  - Planning
  - Capital (preventive maintenance, rolling stock, equipment, etc.)
  - Operating



<b>Total CARES Act Funding for North Carolina *</b>	<b>\$322,395,741</b>
Large Urban 5307	\$188,982,531
Small Urban 5307 GA	\$38,472,209
Rural 5311	\$93,491,001
Rural 5311 Appalachian	\$1,450,000

\*Does not include \$583,934 to the Eastern Band of Cherokee Indians.



CARES 5311 Funds Available	\$72,286,351*
Initial Disbursement	\$20 M
Second Disbursement	\$27.5 M
Remainder for Third Disbursement	\$24.8 M

\*\$93.5M available for 5311 CT Systems was reduced by the 15% required set-aside for InterCity Bus and admin charges.

# Methodology for Allocation

- Initial was based on system's yearly allocation of admin funds
- Second disbursement formula was developed in concert with NCPTA and input from transit systems
  - Based on the total of other federal and state funding commitments for operations
- Third distribution will be needs based and require a detailed application by each system
  - Focus will remain on operations with funding for capital if all operational needs can be met

# Transit System Communication

- Weekly/bi-weekly transit systems call
- Website with funding dashboard, Q&A, and past presentations
- SmartSheet surveys for impacts and data collection
- Workgroups to develop disbursement formula and discuss claims processing

Connect NCDOT  
BUSINESS PARTNER RESOURCES

Home Help Site Map

Doing Business Bidding & Letting Projects Resources Local Governments Search...

Prequalify Small Business Consultants Directory of Firms Trucking Fleet & Material Mgmt DMV Public Trans Purchasing ROW

## COVID-19-Response

Coronavirus/COVID-19 Response

Connect NCDOT > Doing Business > Public Trans > COVID-19-Response

### CARES Act Transit Funding Dashboard

On Friday, March 27, President Trump signed the Coronavirus Aid, Relief, and Economic Security (CARES) Act into law. The Federal Transit Administration is allocating \$25 billion to recipients of urbanized area and rural area formula funds, with \$22.7 billion to large and small urban areas and \$2.2 billion to rural areas. Funding will be provided at a 100-percent federal share, with no local match required, and will be available to support capital, operating, and other expenses generally eligible under those programs to prevent, prepare for, and respond to COVID-19.

Operating expenses incurred beginning on January 20, 2020 for all rural and urban recipients, even those in large urban areas, are also eligible, including operating expenses to maintain transit services as well as paying for administrative leave for transit personnel due to reduced operations during an emergency.

### CARES Act Transit Funding Dashboard

CARES Act Transit Funding Dashboard: smartsheet

NC CARES Act Transit Amounts \$311		Total CARES Act Funding in North Carolina*	
	Amount		Amount
Requested Amount (Applied for)	\$1,606,717	Total CARES Act Funding in North Carolina	\$322,395,741.00
Requested Amount initially allocated by formula to 3311 recipients. See below for greater detail.	\$19,943,937	Large Urban 5307	\$188,982,531
		Small Urban 5307 GA	\$38,472,209
		Rural 5311	\$93,491,001
		Rural 5311 Appalachian	\$1,450,000

\*Does not include \$583,934 to the Eastern Band of Cherokee Indians.

Transit System Name	Operating Funds	Requested Amount (Applied for)	Transit System Name	Operating Funds
Rural 5311			Large Urban	
Alamance (ACT)	\$197,048		Charlotte, NC-SC	\$63,620,890
Albemarle Regional Health			Charlotte Area Transit	

### COVID-19 Response FAQs

Frequently Asked Questions

### CARES Act Grant Application

CARES Act Grants

### Subrecipient Timeline

Activity	Date
Allocation and application released to transit systems	April 20-25, 2020
Enter FTA application in TRAMS	April 20, 2020
FTA Review	Apr 27, 2020
DOL Certification (3 days) expedited	April 28, 2020
FTA Final Concurrence/Reservation	April 29, 2020

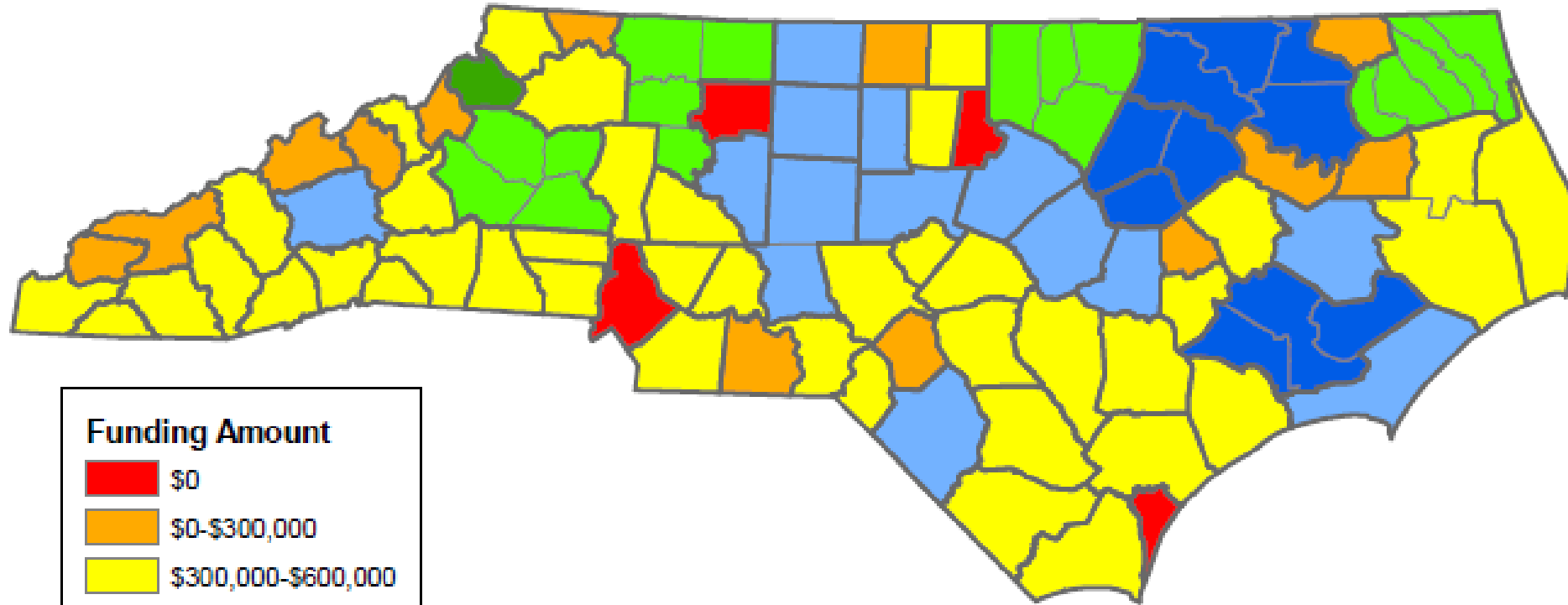
# Funding Needs Assessment

- September analysis shows 50% loss of local revenue and 84% increase in costs per trip
- CARES Act funds can largely offset these losses, but a \$2.5 Million hole for community transit systems remains.
- CARES Act funds cannot fully cover SMAP & ROAP cuts nor serve as match to Federal 5310 grants
  - Employment Transportation and Elderly and Disabled trips are not eligible unless they can be converted to general public trips

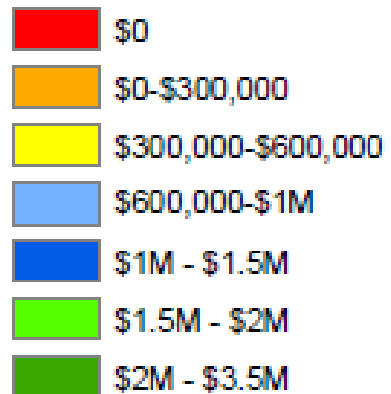
## FY 2020 Grant Management Metrics

- 47 grant programs managed
- 169 grant agreements processed with 89 unique grantees
- 898 claims processed totaling \$39.5 Million

# Map of CARES Act Disbursements

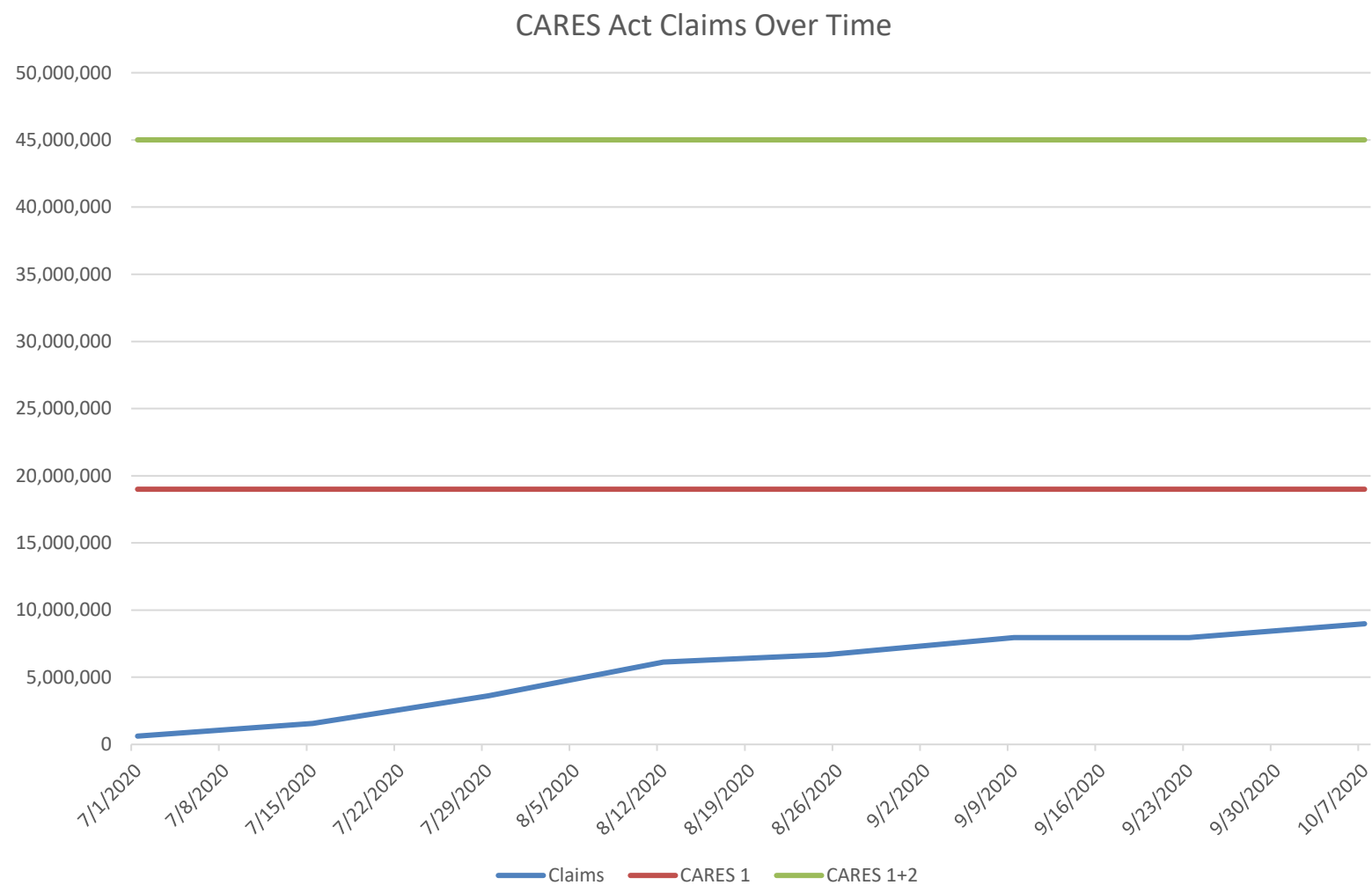


## Funding Amount



As of October 1, 2020

# CARES Act Draw Down



# NC Transit Cares



## Approach:

- Through surveys and virtual meetings, gather input from transit systems about impacts of COVID-19, unique ideas to respond and recover, and innovative solutions to long-term challenges

## Goals:

- Develop strategies and innovations which help NC transit systems become more resilient and prepared to handle future disruptions
- Identify products, projects, and policy changes which will help NC transit systems respond to COVID-19 and prepare for long-term challenges





# NC Transit Cares - Challenge/Solution Areas Identified

1

Keeping  
passengers and  
employees safe  
and healthy

2

Increasing and  
maintaining  
ridership levels

3

Restoring revenue  
and funding lost  
due to COVID-19

4

Moving to new  
service models  
as needs evolve

# NC Transit Cares 2020 Schedule

## Kick It Off Meeting

**July 22**

*10:30 am – 1:00 pm*

*Virtual*

**July**

## Work on It Meeting

**September 9**

*9 am – 11 am*

*Virtual*

**September**

## Launch It Meeting

**November 18**

*9 am*

*Virtual*

**November**

- Gather input through surveys and meetings
- Document existing challenges, innovations and best practices

- Prioritize top innovation ideas
- Develop implementation action plans for priority ideas



## **NORTH CAROLINA**

Department of Transportation



### **Heather Hildebrandt, Interim Director**

Integrated Mobility Division

[hjhildebrandt@ncdot.gov](mailto:hjhildebrandt@ncdot.gov)

919-707-2601

### **Ryan Brumfield, Interim Director**

Integrated Mobility Division

[hjhildebrandt@ncdot.gov](mailto:hjhildebrandt@ncdot.gov)

919-707-2601

# COVID-19 Impacts on Rural Transit in NC

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PERSPECTIVE FROM MACON COUNTY, NC

PRESENTED BY KIM ANGEL, TRANSIT DIRECTOR

MACON COUNTY TRANSIT



# Impacts and Changes to Service

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- **Ridership Loss** – as high as 74% early in the pandemic, currently about 35% when compared to one year ago
- **Staff Changes**– Ten PT employees terminated in early April, three have been rehired - it is now harder to attract operators due to the potential health hazards
- **Single Transports** – Nursing facility residents transported individually in the vehicle to reduce risk of exposure (still doing this)
- **Reduced Capacity** – Vehicle maximum capacity reduced to 50% of full load in order achieve social distancing (still doing this)
- **Route Changes** – Deviated fixed route reduced to one-hour loop rather than 30-minute loops

# Impacts and Changes to Service (continued)

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- Increased cleaning of vehicles during shift hours and after route completion
- Installed Plexiglass shields in vehicles between vehicle operator/front seat and passenger seating area
- Providing senior meal delivery (still doing this)

# Impacts on Revenue

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- **Social Distancing** – Social distancing requirements reduce capacity on vehicles. Services that previously could be accomplished using one vehicle now requires two. As ridership increases again, this will require additional drivers and vehicles.
- **Cleaning Supplies & PPE** – Increased cleaning requires the purchase of more cleaning supplies. The need for PPE while in close contacts with riders and while cleaning the vehicles increases expenses.
- **Contract Rate Increases Not a Likely Option**– Rate increases will likely result in more loss of ridership as agencies likely do not have funds to pay more for transportation costs.
- **Local Government Support Limited** – Asking local governments for more funding will be extremely challenging given the losses that are being experienced by reduced tourism and sales tax revenues because of the COVID-19 pandemic.
- **Lost Revenue for Trips Not Provided** – Every transit system has suffered from the trips that “could have been provided” in pre-COVID. (Example on next slide)

# Impacts on Revenue

LOST TRIP REVENUE - MAY 2019 VS MAY 2020

MAY '19	MAY '20	DIFF	MAY '19 BILL	MAY '19 COST/TRIP	MAY '20 LOSS
1130	296	-834	\$17,594.10	\$15.57	<b>\$ (12,985.38)</b>
35	5	-30	\$ 1,548.00	\$44.23	<b>\$ (1,326.86)</b>
12	0	-12	\$ 32.28	\$2.69	<b>\$ (32.28)</b>
473	876	403	\$ 5,959.80	\$12.60	<b>\$ 5,077.80</b>
39	14	-25	\$ 607.23	\$15.57	<b>\$ (389.25)</b>
179	88	-91	\$ 3,063.01	\$17.11	<b>\$ (1,557.17)</b>
12	0	-12	\$ 186.84	\$15.57	<b>\$ (186.84)</b>
1	0	-1	\$ 18.70	\$18.70	<b>\$ (18.70)</b>
13	0	-13	\$ 351.07	\$27.01	<b>\$ (351.07)</b>
94	34	-60	\$ 1,687.30	\$17.95	<b>\$ (1,077.00)</b>
18	0	-18	\$ 585.00	\$32.50	<b>\$ (585.00)</b>
24	2	-22	\$ 1,560.00	\$65.00	<b>\$ (1,430.00)</b>
279	132	-147	\$ 4,856.48	\$17.41	<b>\$ (2,558.79)</b>
4	0	-4	\$ 82.52	\$20.63	<b>\$ (82.52)</b>
23	0	-23	\$ 412.85	\$17.95	<b>\$ (412.85)</b>
10	0	-10	\$ 210.73	\$21.07	<b>\$ (210.73)</b>
300	150	-150	\$ 5,260.73	\$17.54	<b>\$ (2,630.37)</b>
<b>2646</b>	<b>1597</b>	<b>-1049</b>	<b>\$44016.64</b>		<b>\$ (20,757.01)</b>

LOST TRIP REVENUE - SEPT 2019 VS SEPT 2020

SEPT '19	SEPT '20	DIFF	SEPT '19 BILL	SEPT '19 COST/TRIP	FY21 LOSS
1003	0	-1003	\$15,616.71	\$15.57	<b>\$ (15,616.71)</b>
24	0	-24	\$ 912.22	\$38.01	<b>\$ (912.22)</b>
340	616	276	\$ 4,284.00	\$12.60	<b>\$ 3,477.60</b>
20	19	-1	\$ 342.54	\$17.13	<b>\$ (17.13)</b>
252	143	-109	\$ 5,717.47	\$22.69	<b>\$ (2,473.03)</b>
2	0	-2	\$ 105.92	\$52.96	<b>\$ (105.92)</b>
16	0	-16	\$ 249.12	\$15.57	<b>\$ (249.12)</b>
140	36	-104	\$ 2,513.00	\$17.95	<b>\$ (1,866.80)</b>
4	0	-4	\$ 130.00	\$32.50	<b>\$ (130.00)</b>
6	2	-4	\$ 390.00	\$65.00	<b>\$ (260.00)</b>
192	1235	1043	\$ 3,101.67	\$16.15	<b>\$ 16,849.18</b>
6	0	-6	\$ 97.14	\$16.19	<b>\$ (97.14)</b>
159	32	-127	\$ 3,900.58	\$24.53	<b>\$ (3,115.56)</b>
244	0	-244	\$ 4,211.54	\$17.26	<b>\$ (4,211.54)</b>
<b>2408</b>	<b>2083</b>	<b>-325</b>	<b>\$ 41,571.91</b>		<b>\$ (8,728.39)</b>



# Increase in Cost to Provide Trips

Loss in ridership and social distancing requirements on the vehicles results in higher cost to provide a trip. In order to make up for the higher costs, the system will either have to raise contract pricing or ask local governments to increase their share of funding.

	JULY-AUGUST EXPENSES		FULL YEAR EXPENSES		FULL YEAR EXPENSES	
	ACTUAL		FY21 ASSUMES MONTHLY EXPENSES AND MONTHLY TRIPS STAY EXACTLY THE SAME EACH MONTH		FY21 ASSUMES 10% INCREASE IN COST AND 10% INCREASE IN RIDERSHIP	
ACCOUNT DESCRIPTION	FY19 YTD	FY21 YTD	FY19 YTD	FY21 YTD	FY19 YTD	FY21 YTD
SALARY	\$25,858.38	\$31,442.01	\$223,784.33	\$188,652.06	\$223,784.33	\$207,517.27
PART-TIME SALARY	\$21,054.19	\$4,106.46	\$130,558.09	\$24,638.76	\$130,558.09	\$27,102.64
MEDICARE/FICA	\$3,307.45	\$2,474.07	\$25,119.81	\$14,844.42	\$25,119.81	\$16,328.86
HOSPITALIZATION	\$11,294.00	\$13,024.80	\$68,939.38	\$78,148.80	\$68,939.38	\$85,963.68
LIFE INSURANCE	\$88.20	\$67.20	\$518.70	\$403.20	\$518.70	\$443.52
RETIREMENT	\$2,355.95	\$3,216.53	\$17,573.68	\$19,299.18	\$17,573.68	\$21,229.10
COUNTY 401K	\$601.78	\$628.87	\$4,475.77	\$3,773.22	\$4,475.77	\$4,150.54
GASOLINE/FUEL OIL/LUBRICANTS	\$6,367.91	\$2,843.47	\$71,437.91	\$17,060.82	\$71,437.91	\$18,766.90
VEHICLE REPAIRS & MAINTENANCE	\$6,308.37	\$3,548.73	\$32,347.11	\$21,292.38	\$32,347.11	\$23,421.62
COVID-RELATED EXPENSES		\$203.00		\$1,218.00		\$1,339.80
	\$77,236.23	\$61,555.14	\$574,754.78	\$369,330.84	\$574,754.78	\$406,263.92
DIFFERENCE IN EXPENSES		-20%		-36%		-29%
TRIPS PROVIDED	5,772	2,892	47,365.00	17,352	47,365.00	19,087
COST PER TRIP	\$13.38	\$21.28	\$12.13	\$21.28	\$12.13	\$23.41
DIFFERENCE IN COST PER TRIP		59%		75%		93%

# Gaps Not Covered By CARES

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- **No Match for Other Federal Grants** – Federal funds from one source cannot be used as match for other federal grants
- **No Specialized Services** – CARES funds must be used specifically under federal guidelines for general public service and cannot be used to provide specialized services such as routes that serve only elderly or disabled residents

# How CARES Funds Could Have Been Used If No State Funding Losses

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- Extend the use of funds for operating costs due social distancing requirements (additional staff to support more routes, additional cleaning, etc) This will not be possible due to H77 removing all state ROAP & SMAP funds and expecting CARES Act funds to supplant anticipated allocated funds
- Purchase vehicles to offset social distancing requirements
- Purchase vehicle air filtration systems
- Purchase fogger machines for disinfection
- Purchase technology for cashless transactions
- Increase number of ADA minivans for use

# Contact Information:

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MACON COUNTY TRANSIT

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828-349-2222

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# ROAD, BRIDGE & FERRY NAMING COMMITTEE

## MEETING MINUTES

**DATE:** October 7, 2020 **TIME:** 11:00 AM – 12:00 AM **LOCATION:** Via Conference Call

<b>MEETING CALLED BY</b>	Chairman Fox
<b>BOARD ATTENDEES</b>	Michael Fox, Andy Perkins, Dirk Cody, Valerie Jordan, Hugh Overholt, Thomas Taft

### AGENDA TOPICS

<b>1. ROLL AND QUORUM DECLARATION</b>	
<b>ACTIONS TAKEN</b>	Chairman Fox took roll and declared a quorum.
<b>2. APPROVAL OF JUNE 24, 2020 COMMITTEE MEETING MINUTES</b>	
<b>DISCUSSION SUMMARY</b>	Chairman Fox stated if there are no additions or corrections needed to the June 24, 2020 minutes, he would accept a motion to approve.
<b>ACTIONS TAKEN</b>	Motion to approve from Board Member Perkins, seconded by Board Member Cody. Motion to approve minutes as written passed unanimously.
<b>3. COMMITTEE DISCUSSION</b>	Kevin gave a Road/Bridge/Ferry Committee Overview presentation and discussed upcoming honorary designations. Shelly Heath will send committee members the policy, application, and contact information.
<b>4. EVENTS UPDATE</b>	Sazia Bashir discussed upcoming honorary designation events
<b>MEETING ADJOURNED</b>	Motion to adjourn from Board Member Perkins, seconded by Board Member Overholt. Approved unanimously.



# ROAD/BRIDGE/FERRY NAMING COMMITTEE AGENDA

## BOARD OF TRANSPORTATION NOVEMBER 4, 2020

**TIME:** 4:00PM – 5:00PM

**LOCATION:** Via Microsoft Teams

TOPIC	PRESENTER	TIME
<b>Call to Order</b> <b>Roll Call</b> <b>Declaration of Quorum</b> <b>Approval of October 7, 2020 Road/Bridge/Ferry Naming Committee Meeting Minutes</b>	Mike Fox, Chair	4:00PM
<b>Review of Submitted Applications</b>	Shelly Heath	4:10PM
<b>Beloved Man, Dr. Jerry Wolfe Highway</b> – NC 441 from Exit 74 to the intersection of NC 19	Shelly Heath	
<b>Ronnie Milsap Highway</b> – US 129 from the intersection of Yellow Creek Road and US 129 North to the Graham County Bridge #33	Shelly Heath	
<b>Committee Discussion of Old Business Items</b>	Kevin Lacy	4:25PM
<b>Upcoming Events Update</b>	Sazia Bashar	4:50PM
<b>Adjourn</b>	All	5:00PM



## WORKFORCE DEVELOPMENT COMMITTEE AGENDA

### BOARD OF TRANSPORTATION NOVEMBER 4, 2020

**TIME: 9:30AM – 10:30AM**

**LOCATION: TELECONFERENCE**

TOPIC	PRESENTER	TIME
Call to Order Roll Call Declaration of Quorum	Grady Hunt, Chair	5 minutes
Opening Remarks	Grady Hunt, Chair	10 minutes
Committee Discussion / Planning	Darryl Bass, Chief HR Officer	20 minutes
Adjourn	Grady Hunt, Chair	Adjourn



## **NORTH CAROLINA**

Department of Transportation



# **DOT BOARD WORKFORCE COMMITTEE MEETING**

**Darryl Bass – Division of Human Resources**

**November 4, 2020**



# Agenda

- ✓ **Introduction**
- ✓ **Division of Human Resources Organizational Overview**
- ✓ **DOT Workforce Demographics**
- ✓ **DEI Advisory Group**
- ✓ **Unconscious Bias Training**
- ✓ **Proposed Meeting Schedule**
- ✓ **Questions**

# Introduction

- ✓ **Serve as the Chief of Human Resources Officer for DOT**
- ✓ **25+ years of HR Experience**
- ✓ **Started with DOT in July 2018**

# **Division of Human Resources**

## **Organizational Structure Overview**

- ✓ **Director's Office**
- ✓ **Talent Management Division**
- ✓ **Classification & Compensation**
- ✓ **DMV Human Resources Office**
- ✓ **Policy Administration**
- ✓ **Performance Management**
  - **Learning Management System**

# **Division of Human Resources**

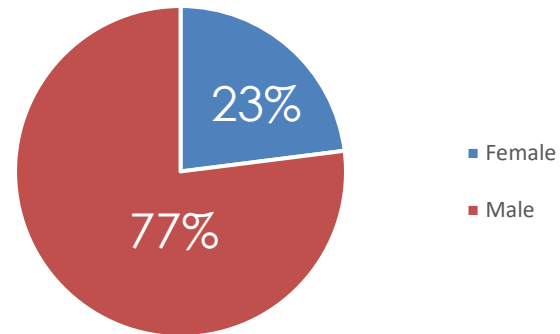
## **Organizational Structure Overview (Continued)**

- ✓ **Salary Administration and Qualification Review**
- ✓ **HR Services**
  - **Employee Relations/Grievance Coordination**
  - **Training and Development**
  - **Legacy Leadership**
  - **Assessment Center**
- ✓ **Safety and Risk Management**
  - **Worker's Compensation**
  - **Safety**
  - **Random Drug Testing**

# Workforce Demographics

## NCDOT by Gender

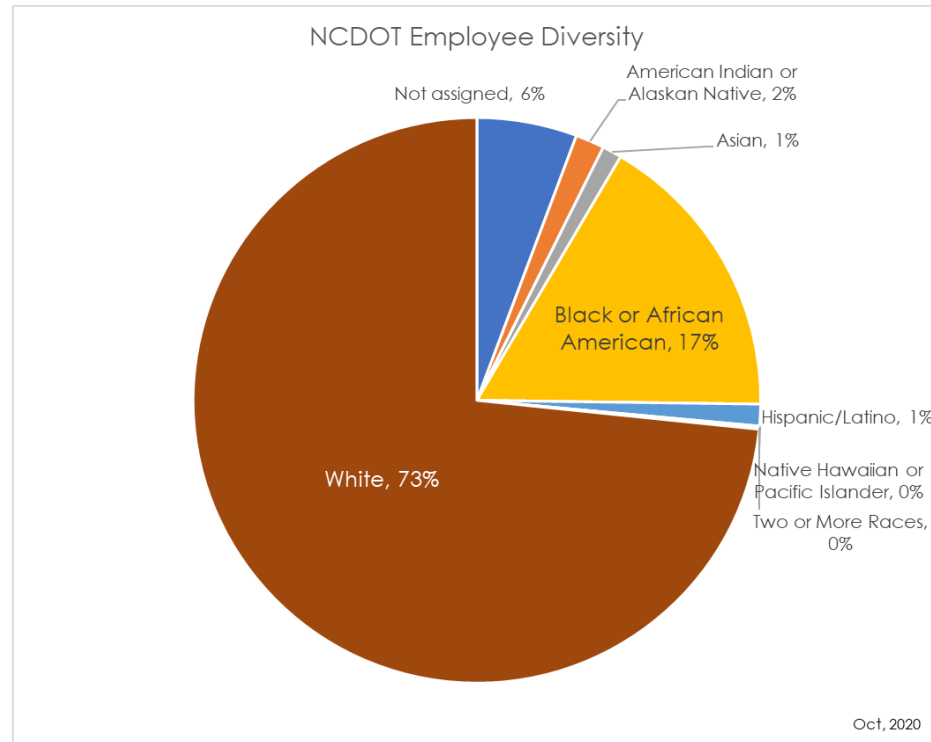
NCDOT Gender



Oct 2020

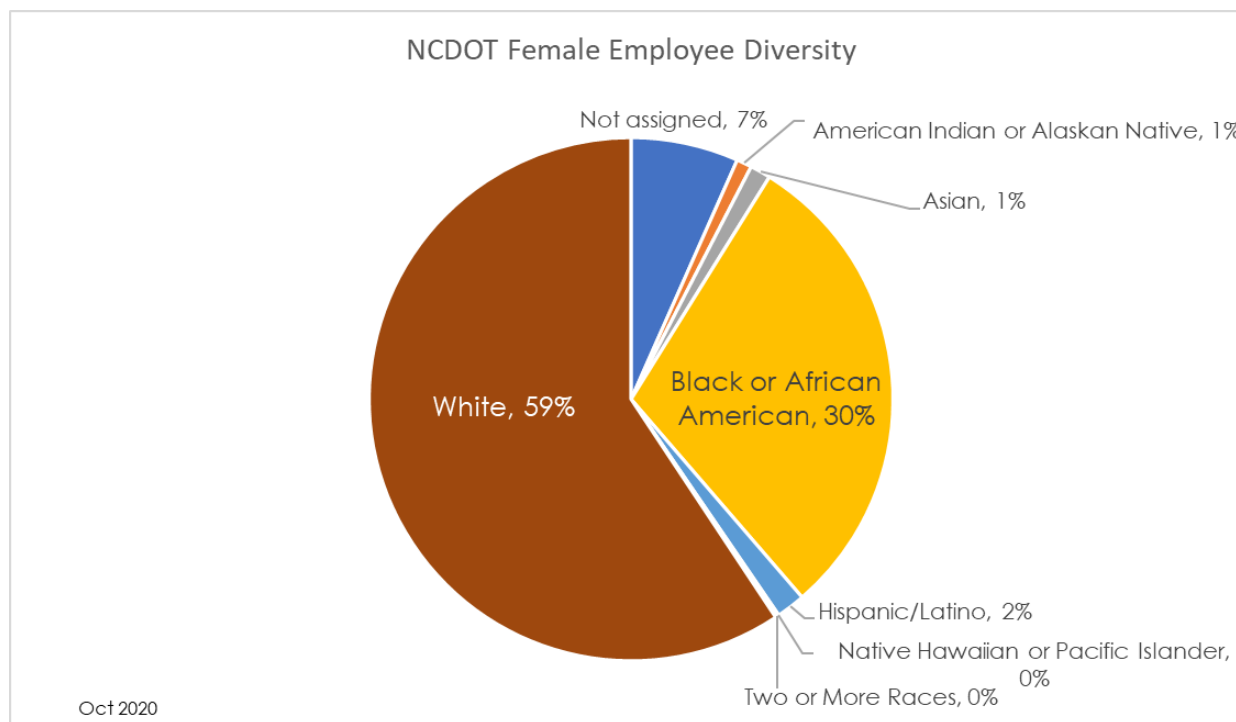
# Workforce Demographics (Continued)

## NCDOT Employee Diversity



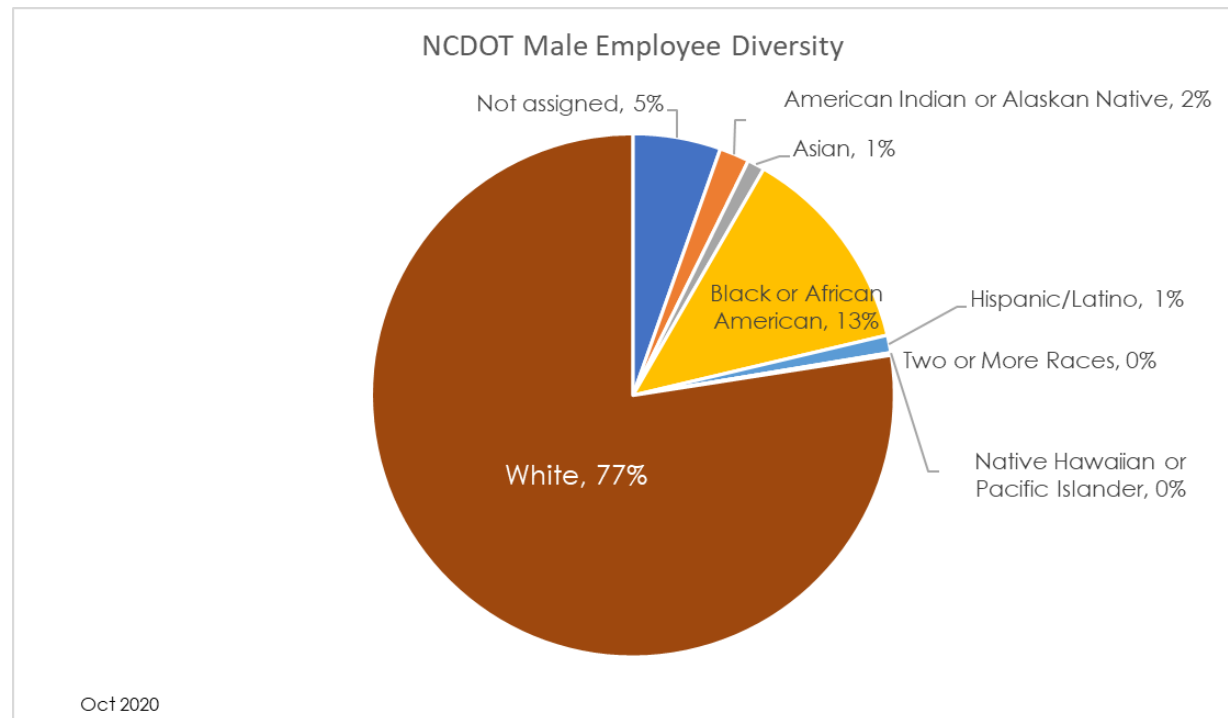
# Workforce Demographics (Continued)

## NCDOT Employee Diversity—Female Population



# Workforce Demographics (Continued)

## NCDOT Employee Diversity—Male Population





# Proposed Committee Meeting Schedule

## ✓ Meet Quarterly as Follows:

- March 2021
- June 2021
- September 2021
- December 2021

# Diversity Equity & Inclusion (DEI) Advisory Group

## ✓ Overview

## ✓ Mission Statement

- *The mission of the NCDOT DEI Advisory Group is to develop solutions on how to create a more diverse and inclusive culture within the Department. Members of the workgroup will create an established and achievable diversity strategy and align it with the vision and mission contained in our organization.*

## Unconscious Bias Training

- ✓ Training was rolled out to employees on August 27<sup>th</sup>
- ✓ 14 Micro Modules
- ✓ Each module was only 5 to 8 minutes in duration  
(*equated to less than 90 minutes of training*)
- ✓ OSHR offered this training free of charge
- ✓ Deadline for Completion → September 21<sup>st</sup>
- ✓ 91% Completion Rate across the Agency

## Planning Discussion

**What types of information would you like to be shared with you in future committee meetings?**

# Questions?



**Darryl Bass**

**919-707-4430 or  
dbass3@ncdot.gov**