



# AGENDA

North Carolina Board of Transportation  
1 South Wilmington Street, Raleigh, NC 27601  
November 2-3, 2022

Members of the Public are invited to attend the board meeting in person or participate using the livestream.  
The livestream is available by clicking on the link <https://livestream.com/nc-dot>

Wednesday, November 2, 2022

10:00 AM – 10:30 AM

Road, Bridge, and Ferry Naming	Room 150
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10:30 AM

Finance Committee	Room 150
Inspector General Committee	EIC

11:45 AM                      LUNCH BREAK

1:00 PM                      WORK SESSION                      FULL BOARD

- Office of Civil Rights Update                      Ebony Pittman, Deputy Secretary for Business Admin.&  
Tunya Smith, Director - Office of Civil Rights
- Prioritization 7.0 Update                      Brian Wert, Senior Transportation Engineer
- Product Evaluation Program Awareness                      Chairman Fox

Immediately following the Work Session

Advanced Technology (ATC) Committee	Room 150
Workforce Committee	EIC

Immediately following ATC and Workforce Committees

Highway Committee	Room 150
Multi-Modal (MM) Committee	EIC



# AGENDA

North Carolina Board of Transportation  
1 South Wilmington Street, Raleigh, NC 27601  
November 2-3, 2022

## NORTH CAROLINA BOARD OF TRANSPORTATION MEETING

Thursday, November 3, 2022

9:00AM

- Call to Order Chairman Fox
- Ethics Statement Chairman Fox
- Pledge of Allegiance Secretary Boyette
- Consideration of the October 4-5, 2022, Meeting Minutes Chairman Fox
- Road, Bridge, and Ferry Naming Honorary Designations Chairman Fox
- Secretary Remarks Secretary Boyette
- Rodeo Winners Robin Barfield, Director of Safety and Risk Management

### INFORMATION AND DELEGATED AUTHORITY

Chairman Fox

- (Item C) Award of Highway Construction Contracts October 2022 Letting
- (Item D) Award of Contracts to Private Firms for Engineering Services
- (Item E) Funds for Secondary Road Improvement Projects – Highway Fund and Highway Trust Fund
- (Item H) Funds for Division-wide Small Construction, Statewide Contingency, Public Access, and Economic Development
- (Item L) Funds for Specific Spot Safety Improvement Projects

### ACTION

Chairman Fox

#### Project Items

- (Item G) Additions, Abandonments, and Road Name Changes to State Secondary Road System
- (Item I) Public Transportation Program
  - (Item I-1) Public Transportation
  - (Item I-2) Rail Program
  - (Item I-4) Aviation
- (Item K) North Carolina Highway Trust Funds
- (Item M) Funds for Specific Federal-Aid Projects
- (Item N) Revisions to the 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

Committee Chairs

#### Other Business

Chairman Fox

#### Adjourn

Chairman Fox

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

**November 2-3, 2022**

Delegated Authority ..... Secretary Boyette

- (Item C) Award of Highway Construction Contracts October 2022 Letting
- (Item D) Award of Contracts to Private Firms for Engineering Services
- (Item E) Funds for Secondary Road Improvement Projects – Highway Fund and Highway Trust Fund
- (Item H) Funds for Division-wide Small Construction, Statewide Contingency, Public Access, and Economic Development
- (Item L) Funds for Specific Spot Safety Improvement Projects

Action..... Chairman Fox

- (Item G) Additions, Abandonments, and Road Name Changes to State Secondary Road System
- (Item I) Public Transportation Program
  - (Item I-1) Public Transportation
  - (Item I-2) Rail Program
  - (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 18, 2022**

**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 18, 2022  
DIVISION 4

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ITEM C

C204734  
49983.3.1  
0264075  
WILSON  
HI-0007

PROPOSAL LENGTH 8.410 MILES

TYPE OF WORK PAVEMENT REHABILITATION, ITS, AND STRUCTURE PRESERVATION.

LOCATION US-264 FROM TOISNOT SWAMP TO THE GREENE COUNTY LINE.

EST CONST PROGRESS.... FY-2023...51% OF BID  
FY-2024...47% OF BID  
FY-2025...02% OF BID

RPN 002 2 BIDDER(S)

DBE GOAL 6.00 %

ESTIMATE 11,086,874.31

DATE AVAILABLE NOV 28 2022

FINAL COMPLETION AUG 02 2024

	\$ TOTALS	% DIFF
S T WOOTEN CORPORATION WILSON, NC	9,577,931.55	-13.6
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	10,172,000.00	-8.3

**AWARDED**

HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
OCTOBER 18, 2022  
DIVISION 5

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C204780  
2023CPT.05.05.20731.1  
STATE FUNDED  
PERSON

PROPOSAL LENGTH 7.310 MILES

TYPE OF WORK RESURFACING AND SHOULDER GRADING.

LOCATION 2 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2023...25% OF BID  
FY-2024...66% OF BID  
FY-2025...09% OF BID

RPN 003 2 BIDDER(S)

DBE GOAL 6.00 %

ESTIMATE 2,912,902.81

DATE AVAILABLE MAR 15 2023

FINAL COMPLETION SEP 30 2024

	\$ TOTALS	% DIFF
ADAMS CONSTRUCTION COMPANY ROANOKE, VA	2,559,314.00	-12.1
CAROLINA SUNROCK LLC RALEIGH, NC	2,603,087.65	-10.6

**AWARDED**

HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
OCTOBER 18, 2022  
DIVISION 5

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C204779  
2023CPT.05.06.20391.1  
STATE FUNDED  
GRANVILLE

PROPOSAL LENGTH 18.122 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER GRADING.

LOCATION 8 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2023...25% OF BID  
FY-2024...66% OF BID  
FY-2025...09% OF BID

RPN 004 2 BIDDER(S)

DBE GOAL 8.00 %

ESTIMATE 3,083,952.65

DATE AVAILABLE MAR 15 2023

FINAL COMPLETION OCT 01 2024

	\$ TOTALS	% DIFF
S T WOOTEN CORPORATION WILSON, NC	2,895,826.80	-6.1
CAROLINA SUNROCK LLC RALEIGH, NC	2,925,897.93	-5.1

**AWARDED**

HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
OCTOBER 18, 2022  
DIVISION 5

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C204207  
46040.3.1  
STATE FUNDED  
WAKE  
B-5326

PROPOSAL LENGTH 0.290 MILES

TYPE OF WORK GRADING, DRAINAGE, PAVING AND STRUCTURE.

LOCATION BRIDGE #247 OVER WHITE OAK CREEK ON SR-2555.

EST CONST PROGRESS.... FY-2023...18% OF BID  
FY-2024...56% OF BID  
FY-2025...26% OF BID

RPN 005 6 BIDDER(S)

DBE GOAL 6.00 %

ESTIMATE 6,715,360.78

DATE AVAILABLE MAR 15 2023 THRU JUL 15 2023

INTER COMPLETION COMPLETE ALL WORK REQUIRED EXCEPT PLANTING, REFORESTATION OR  
PERMANENT VEGETATION ESTABLISHMENT 790 DAY(S) AFTER START DATE

FINAL COMPLETION 970 DAYS AFTER START DATE

	\$ TOTALS	% DIFF
CATON CONSTRUCTION GROUP INC CHARLOTTESVILLE, VA	7,124,990.19	+6.1
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	7,303,050.65	+8.8
CONTI CIVIL LLC EDISON, NJ	7,436,442.00	+10.7
S T WOOTEN CORPORATION WILSON, NC	8,380,439.15	+24.8
DANE CONSTRUCTION INC MOORESVILLE, NC	9,459,526.45	+40.9
W C ENGLISH INCORPORATED LYNCHBURG, VA	10,343,656.30	+54.0

**AWARDED**

HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
OCTOBER 18, 2022  
DIVISION 6

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C204745  
46377.3.2  
STATE FUNDED  
HARNETT, WAKE  
R-5705B

PROPOSAL LENGTH 4.536 MILES

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

LOCATION NC-55 FROM NC-210 TO SR-4809 (JICARILA LANE).

EST CONST PROGRESS.... FY-2023...13% OF BID  
FY-2024...31% OF BID  
FY-2025...29% OF BID  
FY-2026...22% OF BID  
FY-2027...05% OF BID

RPN 006 3 BIDDER(S)

DBE GOAL 7.00 %

ESTIMATE 62,088,796.00

DATE AVAILABLE MAR 15 2023

INTER COMPLETION NOV 15 2026 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR  
PERMANENT VEGETATION ESTABLISHMENT

FINAL COMPLETION MAY 14 2027

	\$ TOTALS	% DIFF
HIGHLAND PAVING CO LLC FAYETTEVILLE, NC	61,497,777.30	-1.0
CONTI CIVIL LLC EDISON, NJ	62,462,442.00	+0.6
ZACHRY CONSTRUCTION CORPORATION SAN ANTONIO, TX	65,517,430.69	+5.5

**AWARDED**

HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
OCTOBER 18, 2022  
DIVISION 8

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C204787  
2023CPT.08.02.10631, 2023CPT.08.02.20631  
STATE FUNDED  
MOORE

PROPOSAL LENGTH 10.270 MILES

TYPE OF WORK RESURFACING.

LOCATION 1 SECTION OF US-1 AND 5 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2023...28% OF BID  
FY-2024...64% OF BID  
FY-2025...08% OF BID

RPN 007 2 BIDDER(S) DBE GOAL 7.00 %  
ESTIMATE 2,179,197.75

DATE AVAILABLE MAR 01 2023

INTER COMPLETION NOV 15 2023 COMPLETE ALL WORK REQUIRED OF MAP #3

FINAL COMPLETION OCT 01 2024

	\$ TOTALS	% DIFF
S T WOOTEN CORPORATION WILSON, NC	2,241,744.44	+2.9
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	2,289,719.06	+5.1

**AWARDED**

HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
OCTOBER 18, 2022  
DIVISION 9

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C204746  
34839.3.13  
0074226  
FORSYTH  
U-2579AA

PROPOSAL LENGTH 1.536 MILES

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

LOCATION FUTURE I-74 (WINSTON-SALEM NORTHERN BELTWAY) FROM US-311 TO I-40.

EST CONST PROGRESS.... FY-2023...24% OF BID  
FY-2024...34% OF BID  
FY-2025...23% OF BID  
FY-2026...16% OF BID  
FY-2027...03% OF BID

RPN 001 7 BIDDER(S)

DBE GOAL 3.00 %

ESTIMATE 121,571,398.69

DATE AVAILABLE NOV 28 2022

INTER COMPLETION NOV 01 2026 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR  
PERMANENT VEGETATION ESTABLISHMENT

FINAL COMPLETION MAR 30 2027

	\$ TOTALS	% DIFF
FLATIRON CONSTRUCTORS INC MORRISVILLE, NC	126,045,009.70	+3.7
WEBBER LLC THE WOODLANDS, TX	127,894,273.50	+5.2
VECELLIO & GROGAN INC BECKLEY, WV	132,398,345.32	+8.9
APAC ATLANTIC INC SMITH ROWE LLC JV GREENSBORO, NC	133,286,947.48	+9.6
BRANCH CIVIL INC ROANOKE, VA	134,985,000.00	+11.0
BLYTHE CONSTRUCTION INC CHARLOTTE, NC	140,325,178.51	+15.4
BALFOUR BEATTY INFRASTRUCTURE INC WILMINGTON, NC	142,399,994.92	+17.1

**AWARDED**

HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
OCTOBER 18, 2022  
DIVISION 13

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C204776  
2023CPT.13.06.10811  
STATE FUNDED  
RUTHERFORD

PROPOSAL LENGTH 10.990 MILES

TYPE OF WORK MILLING AND RESURFACING.

LOCATION 1 SECTION OF US-74.

EST CONST PROGRESS.... FY-2023...25% OF BID  
FY-2024...68% OF BID  
FY-2025...07% OF BID

RPN 008 3 BIDDER(S)

DBE GOAL 5.00 %

ESTIMATE 5,149,327.09

DATE AVAILABLE MAR 15 2023

FINAL COMPLETION SEP 13 2024

	\$ TOTALS	% DIFF
BLYTHE CONSTRUCTION INC CHARLOTTE, NC	4,500,014.62	-12.6
APAC ATLANTIC INC DBA HARRISON CONSTRUCTION COMPANY ASHEVILLE, NC	4,540,786.22	-11.8
ROGERS GROUP INC NASHVILLE, TN	4,791,456.30	-6.9

ESTIMATE TOTAL 214,787,810.08

LETTING TOTAL 216,442,608.60 + 0.8

**AWARDED**



NCDOT NOVEMBER 2022  
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 – Office of Strategic Initiatives & Program Support**

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

<b>STATEWIDE</b>	
Description of work:	2018 Strategic General Services Consultant LSC
Firm:	Atkins North America Inc, Atlanta, GA
Original Engineering Fee:	\$2,500,000.00
Previous Supplemental Fee:	\$13,000,000.00
Supplemental Fee:	\$2,500,000.00
SPSF Utilization:	High Street Consulting Group LLC
	10% / \$250,000.00
Description of work:	2018 Strategic General Services Consultant LSC
Firm:	The Boston Consulting Group Inc, Boston, MA
Original Engineering Fee:	\$2,500,000.00
Previous Supplemental Fee:	\$13,000,000.00
Supplemental Fee:	\$5,000,000.00
SPSF Utilization:	0%
Description of work:	2018 Strategic General Services Consultant LSC
Firm:	HNTB North Carolina PC, Raleigh, NC
Original Engineering Fee:	\$2,500,000.00
Previous Supplemental Fee:	\$16,500,000.00
Supplemental Fee:	\$1,000,000.00
SPSF Utilization:	Mercator Advisors LLC
	5% / \$50,000.00
Description of work:	2018 Strategic General Services Consultant LSC
Firm:	KPMG LLP, Montvale, NJ
Original Engineering Fee:	\$2,500,000.00
Previous Supplemental Fee:	\$15,500,000.00
Supplemental Fee:	\$1,000,000.00
SPSF Utilization:	0%

**Chief Engineer – Transportation Mobility and Safety Division**

After careful evaluation of the workload and schedules of the work that can be accomplished by our staff, it was determined necessary to employ private firms for School Traffic Impact and Operations Studies on an as needed basis for various federal-aid and state funded projects to support the Municipal and School Transportation Assistance (MSTA) / Transportation Mobility and Safety Division. These contracts will expire two (2) years after the date of execution or after the contract amount has been depleted, whichever occurs first. Our staff has completed the actions for employing private firms in accordance with the policies and procedures adopted by the Board on May 7, 2009. This is for information only.

<b>STATEWIDE</b>	
Description of Work:	2022 School Traffic Impact and Operations Studies LSC
Firm:	HNTB North Carolina PC, Raleigh, NC
Maximum Engineering Fee:	\$100,000.00
SPSF Utilization:	0%
Description of Work:	2022 School Traffic Impact and Operations Studies LSC
Firm:	Davenport, Winston-Salem, NC
Maximum Engineering Fee:	\$100,000.00
DBE/MBE/SPSF Utilization:	100%

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**Chief Engineer – Divisions 8-14**

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

<b>Divisions 8, 9, 10, 11, 12, 13 and 14</b>	
Description of work:	2021 Western Divisions' (8-14) Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	HNTB North Carolina, PC, Raleigh, NC
Original Engineering Fee:	\$4,000,000.00
Previous Supplemental Fee:	\$1,000,000.00
Supplemental Fee:	\$500,000.00
SPSF Utilization:	Carolina Ecosystems Inc
	1% / \$5,000.00
DBE/WBE/SPSF Utilization:	CES Group Engineers LLP
	0.6% / \$3,000.00
DBE/WBE/SPSF Utilization:	CH Engineering PLLC
	0.9% / \$4,500.00
SPSF Utilization:	Carolina Land Acquisitions Inc
	0.7% / \$3,500.00
SPSF Utilization:	Hinde Engineering Inc
	0.5% / \$2,500.00
SPSF Utilization:	MI Engineering PLLC
	0.6% / \$3,000.00
Description of work:	2021 Western Divisions' (8-14) Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	Moffatt & Nichol Incorporated, Los Angeles, CA
Original Engineering Fee:	\$1,500,000.00
Supplemental Fee:	\$1,500,000.00
SPSF Utilization:	Commonwealth Heritage Group Inc
	1% / \$15,000.00
SPSF Utilization:	Davis Martin Powell Engineers & Surveyors
	2.5% / \$37,500.00
SPSF Utilization:	Patriot Transportation Engineering PLLC
	3.5% / \$52,500.00
SPSF Utilization:	Right of Way Consultants LLC
	3.5% / \$52,500.00
SPSF Utilization:	The Wooten Company
	2.5% / \$37,500.00

Description of work:	2021 Western Divisions' (8-14) Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	Vaughn & Melton Consulting Engineers Inc, Asheville, NC
Original Engineering Fee:	\$4,000,000.00
Supplemental Fee:	\$3,000,000.00
SPSF Utilization:	Parrish and Partners of North Carolina PLLC
	3.25% / \$97,500.00
SPSF Utilization:	MI Engineering PLLC
	2% / \$60,000.00
SPSF Utilization:	Mattern & Craig Inc
	2% / \$60,000.00
SPSF Utilization:	W-3 Engineering PLLC
	2% / \$60,000.00
SPSF Utilization:	Carolina Transportation Engineers & Associates PC
	1.5% / \$45,000.00
Description of work:	2021 Western Divisions' (8-14) Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	Mott MacDonald I & E LLC, Pittsburgh, PA
Original Engineering Fee:	\$4,000,000.00
Supplemental Fee:	\$2,500,000.00
SPSF Utilization:	Axiom Environmental Inc
	1% / \$25,000.00
DBE/WBE/SPSF Utilization:	Dovetail Cultural Resource Group
	1% / \$25,000.00
DBE/WBE/SPSF Utilization:	Falcon Engineering Inc
	1% / \$25,000.00
SPSF Utilization:	Patriot Transportation Engineering PLLC
	1% / \$25,000.00
DBE/MBE/SPSF Utilization:	Tech Engineering Group PLLC
	1% / \$25,000.00
SPSF Utilization:	The Wooten Company
	1% / \$25,000.00
DBE/WBE/SPSF Utilization:	Three Oaks Engineering Inc
	1% / \$25,000.00
SPSF Utilization:	Wetherill Engineering Inc
	1% / \$25,000.00

**Technical Services – Location & Surveys 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:	2021-2022 Location & Surveys and General Engineering Services (GESG) LSC
Firm:	DRMP NC Inc, Charlotte, NC
Original Engineering Fee:	\$1,000,000.00
Supplemental Fee:	\$500,000.00
SPSF Utilization:	0%

**END of ITEM D.**

**NCDOT NOVEMBER 2022 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

**Projects to Reopen and establish funds:**

<b>Division &amp; County</b>	<b>Secondary Road Number &amp; Name</b>	<b>Project Description</b>	<b>Amount</b>
Division 4 Wayne Co.	SR 2068 Country Lane	Grade, drain, base and pave. Reopen WBS and add funds WBS 4C.096080	\$100,000.00

**Projects to Increase funds:**

<b>Division &amp; County</b>	<b>Secondary Road Number &amp; Name</b>	<b>Project Description</b>	<b>Amount</b>
Division 14 Clay Co.	SR 1145 Coker Road	Grade, drain, base and pave. Increase funds WBS 14C.022055	\$15,000.00
Division 14 Haywood Co.	SR 1160 Oxner Cove Road	Grade, drain, base and pave. Increase funds WBS 14C.044184	\$100,000.00

**Item E Summary:**

<b>1</b>	<b>Projects to Establish Funds</b>	<b>\$100,000.00</b>
<b>2</b>	<b>Projects to Increase Funds</b>	<b>\$115,000.00</b>
<b>0</b>	<b>Projects to Increase and Close</b>	<b>\$0.00</b>
<b>0</b>	<b>Projects to Decrease Funds</b>	<b>\$0.00</b>
<b>0</b>	<b>Projects to Decrease and Close</b>	<b>\$0.00</b>

## NCDOT November 2-3, 2022 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 3</b>				
New Hanover	52611	0.07	<b>Georgetowne</b> Ashley Park Drive	6/9/22
Onslow	52612	0.25 0.08	<b>Brook Ridge</b> Bubbling Brook Lane Shady Willow Lane	10/6/22
Onslow	52613	0.11	<b>Oakwoods III</b> Tall Oak Court	9/13/22
Pender	52614	0.10	<b>Union Bethel II</b> Cirrus Court	10/7/22
<b>Division 4</b>				
Johnston	52615	0.25 0.31 0.13 0.15 0.37	<b>Wilders Farm</b> Connelly Way Dundalk Drive Hawick Court Aviemore Lane Lasswade Court	9/6/22
Wayne	52616	0.17 0.14 0.06 0.08	<b>Stonebridge</b> Stonebridge Drive Auburn Bay Drive Villa Grey Court Aspen Ridge Drive	8/25/22
<b>Division 7</b>				
Guilford	52617	0.21	<b>Madison Meadows</b> Rae Farms Way	10/3/22
Orange	52618	0.06 0.05	<b>River Bend</b> Claytor Drive Saponi Drive	9/20/22
<b>Division 8</b>				
Chatham	52619	0.51 0.27	<b>Seaforth Landing</b> Seaforth Landing Drive Pine Cone Loop	8/29/22
<b>Division 9</b>				
Forsyth	52620	0.23 0.05	<b>Falling Creek</b> Falling Creek Court Extend SR 4426, Armindale Avenue	9/20/22

# NCDOT November 2-3, 2022 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 10</b>				
Cabarrus	52621	0.16 0.07	<b>Beckenham</b> Beckenham Lane Merryweather Court	11/9/20
<b>Division 12</b>				
Catawba	52622	0.05 0.47 0.19 0.37 0.23 0.05 0.05	<b>Killian Crossing</b> Burrenfort Drive Tipperary Drive Kildare Court Killian Crossing Drive Killian Crossing Drive Erie View Court Connemara Court	9/27/22
Iredell	52623	0.17 0.07	<b>Robinson Ridge</b> Robinson Ridge Drive Hillside Cove Court	9/15/22
Lincoln	52624	0.02 0.19 0.16 0.08	<b>Killian Crossing</b> Burrenfort Drive Tipperary Drive Killian Crossing Drive Gildhall Court	9/27/22
<b>Division 13</b>				
Burke	52625	1.10	Lake Rhodhiss Drive NE	9/16/22



**NCDOT November 2-3, 2022 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 5</b> Durham	52626	0.11	SR 2099, Remnant section of Old Alston Avenue Retain 0.00 miles	9/27/22
<b>Division 7</b> Guilford	52627	0.07	SR 2120, Angel Pardue Road Retain 0.42 miles	8/3/22
<b>Division 12</b> Cleveland	52628	0.06	SR 1165, James Lovelace Road Retain 0.07 miles	4/6/22

**Number of roads petitioned for addition – 37****Number of roads petitioned for abandonment - 3****Corrections to the State Highway System:**

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

**NCDOT NOVEMBER 2022 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>Division &amp; County</b>	<b>Project Description</b>	<b>Fund Type</b>	<b>Amount</b>
Division 1 Dare	WBS 80107 Install traffic signal at US 158 and Lake Drive. Additional funds are needed for the low-bid adjustment. Increase funds	Small Construction <u>TOTAL</u>	<u>\$75,000.00</u> \$75,000.00
Division 3 Brunswick	WBS 50258 Install crosswalks and curb extensions (concrete bulb outs) at NC 211 (East Moore Street) and Davis Street; and at NC 211 (North Howe Street) and West Street in Southport. Increase funds	Contingency <u>TOTAL</u>	<u>\$125,000.00</u> \$125,000.00
Division 3 Sampson	WBS 50633 Install deacceleration lane on SR 1262 (Airport Road) at the entrance to Sampson County Community College. Establish funds	Contingency <u>TOTAL</u>	<u>\$150,000.00</u> \$150,000.00
Division 4 Johnston	WBS 80073 Realign intersection at SR 1519 (Braswell Road) / SR 2525 (Ormond Road) and SR 2523 (Bakers Chapel Road). Additional funds are needed for low-bid adjustment. Increase funds	High Impact/ Low Costs <u>TOTAL</u>	<u>\$410,000.00</u> \$410,000.00
Division 6 Columbus	WBS 50634 Install sidewalks and pedestrian safety improvements at various locations in in Tabor City. Establish funds	Contingency <u>TOTAL</u>	<u>\$50,000.00</u> \$50,000.00
Division 7 Caswell	WBS 50632 Install traffic signal at NC 86 and SR 1300 (Park Spring Road). Establish funds	Small Construction <u>TOTAL</u>	<u>\$100,000.00</u> \$100,000.00

November 3, 2022

**NCDOT NOVEMBER 2022 BOARD OF TRANSPORTATION AGENDA**  
**Funds Request**  
**Division-wide Small Construction, Statewide Contingency,**  
**Public Access, Economic Development, High Impact/Low Cost**

<b>Division &amp; County</b>	<b>Project Description</b>	<b>Fund Type</b>	<b>Amount</b>
Division 8 Chatham	WBS 50552 Install pedestrian crossing at US 15 / US 501 and Mosiac Boulevard, and place existing overhead utility lines underground at the entrance to the Chatham Park Development. These are pass-through funds to Pittsboro. Increase funds	Contingency <hr/> TOTAL	\$1,000,000.00 <hr/> \$1,000,000.00
Division 8 Lee	WBS 48943 Install turn lanes on SR 1415 (Colon Road) and construct access road serving the Tabatha Lane industrial facility in Lee County. Increase funds and close WBS	Economic Development <hr/> TOTAL	\$31,253.04 <hr/> \$31,253.04
Division 11 Wilkes	WBS 47754 Install roundabout at SR 1002 (Traphill Road) and SR 1713 (Yellow Banks Road). Increase funds	High Impact/ Low Costs <hr/> TOTAL	\$200,000.00 <hr/> \$200,000.00
Division 11 Yadkin	WBS 50635 Signage and associated costs for the NC 67 "Jimmy L. Couch" road naming in Jonesville. Establish funds	Contingency <hr/> TOTAL	\$2,000.00 <hr/> \$2,000.00
Division 12 Alexander	WBS 47917.1.1 Preliminary engineering for TIP project R-5870: Construct access road serving Alexander Industrial Park. Additional funds are needed to cover overdraft. Increase funds	Economic Development Public Access <hr/> TOTAL	\$92,500.00 \$21,440.85 <hr/> \$113,940.85
Division 12 Alexander	WBS 47917.3.1 Construction for TIP project R-5870: Construct access road serving Alexander Industrial Park. Additional funds are needed to cover partial overdraft. Increase funds	Public Access <hr/> TOTAL	\$15,559.15 <hr/> \$15,559.15

**NCDOT NOVEMBER 2022 BOARD OF TRANSPORTATION AGENDA**  
**Funds Request**  
**Division-wide Small Construction, Statewide Contingency,**  
**Public Access, Economic Development, High Impact/Low Cost**

<b>Division &amp; County</b>	<b>Project Description</b>	<b>Fund Type</b>	<b>Amount</b>
Division 13 Mitchell	WBS 49282 Repair and refurbish the pedestrian bridge connecting downtown Spruce Pine with Mayland Community College. Additional funds are needed to align project funding with the latest estimate. Increase funds	Contingency <u>TOTAL</u>	\$250,000.00 <u>\$250,000.00</u>
Division 13 Madison	WBS 48170 Construct new access road by extending SR 1631 (Crossroads Parkway) to connect with SR 1549 (Calvin Edney Road). This scope of work is being completed under TIP project R-5779. Decrease funds and close WBS	Small Construction Contingency <u>TOTAL</u>	(\$700,000.00) (\$250,000.00) <u>(\$950,000.00)</u>
Division 13 Madison	WBS 44834.1.1 Preliminary engineering for TIP project R-5779: Construct new access road by extending SR 1631 (Crossroads Parkway) to connect with SR 1549 (Calvin Edney Road). Funds are needed to cover overdraft. Increase funds	Small Construction Contingency <u>TOTAL</u>	\$200,000.00 \$74,653.46 <u>\$274,653.46</u>
Division 13 Madison	WBS 44834.2.1 Right of way for TIP project R-5779: Construct new access road by extending SR 1631 (Crossroads Parkway) to connect with SR 1549 (Calvin Edney Road). Funds are needed to cover overdraft and ongoing commitments. Increase funds	Contingency <u>TOTAL</u>	\$175,346.54 <u>\$175,346.54</u>
Division 13 Buncombe	WBS 48926.1.1 Preliminary engineering for TIP project U-6230: Construct new access road serving Haakon Industries in Enka Commerce Park. Funds are needed to replace \$247,564.80 of State STI funds and cover overdraft. Increase funds	Small Construction <u>TOTAL</u>	\$257,354.40 <u>\$257,354.40</u>

**NCDOT NOVEMBER 2022 BOARD OF TRANSPORTATION AGENDA**  
**Funds Request**  
**Division-wide Small Construction, Statewide Contingency,**  
**Public Access, Economic Development, High Impact/Low Cost**

<b>Division &amp; County</b>	<b>Project Description</b>	<b>Fund Type</b>	<b>Amount</b>
Division 13 Buncombe	WBS 48926.3.1 Construction for TIP project U-6230: Construct new access road serving Haakon Industries in Enka Commerce Park. Funds are needed to cover overdraft. Increase funds and close WBS	Economic Development Public Access Small Const <u>TOTAL</u>	\$160,499.17 \$100,000.00 \$242,645.60 \$503,144.77
Division 14 Henderson	WBS 49641 Preliminary engineering to install left turn lane, revise signals, and upgrade pedestrian facilities at US 25 (Asheville Highway), SR 1503 (North Main Street), and North Church Street in Hendersonville. Construction will be completed under Spot Mobility project SM-6114C. Decrease funds	High Impact/ Low Costs <u>TOTAL</u>	(\$50,000.00) (\$50,000.00)
Division 14 Henderson	WBS 47849 Preliminary engineering to install right turn lane and drainage improvements at US 25 (Asheville Highway) and SR 1503 (North Main Street) in Hendersonville. Additional funds are needed to cover overdraft. Construction will be completed under Spot Mobility project SM-6114C. Increase funds	High Impact/ Low Costs <u>TOTAL</u>	\$50,000.00 \$50,000.00
Division 14 Transylvania	WBS 44883 Install turn lane on US 64 serving Brevard Academy in Brevard. Additional funds are needed to cover overdraft. Increase funds	High Impact/ Low Costs <u>TOTAL</u>	\$70,000.00 \$70,000.00

**Summary: 21 Projects**

<b>High Impact/Low Cost Commitment</b>	<b>\$680,000.00</b>
<b>Small Construction Commitment</b>	<b>\$175,000.00</b>
<b>Contingency Commitment</b>	<b>\$1,577,000.00</b>
<b>Economic Development Commitment</b>	<b>\$284,252.21</b>
<b>Public Access Commitment</b>	<b>\$137,000.00</b>
<b>TOTAL:</b>	<b>\$2,853,252.21</b>

# NCDOT November Board of Transportation

## Agenda Public Transportation Program

Division	Project Number	5311 Admin	Estimated Project Cost
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4	23-CT-400	<b>Wilson County</b> Administrative costs related to rural community transportation services	<b>\$98,360 Total</b> \$78,688 Federal \$4,918 State \$14,754 Local
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Division	Project Number	ConCPT Funds	Estimated Project Cost
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2	23-CO-054	<b>Carteret County</b> Support for the coordination of trips between three or more transit systems: Carteret County, CARTS, Lenoir County, GWTA, JCATS, OUTS, Duplin County, and Greene County (DownEast Express). Application: *2358	<b>\$200,000 Total</b> \$0 Federal \$100,000 State \$100,000 Local
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3	23-CO-054	<b>Cape Fear Public Transportation</b> Support for the coordination of trips between three or more transit systems: Cape Fear Public Transportation, Brunswick County, Pender County. Application: *2353	<b>\$600,000 Total</b> \$0 Federal \$600,000 State \$0 Local
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Division	Project Number	State Transit Funds - TDM	Estimated Project Cost
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9, 10, 12	n/a	<b>Greater Charlotte TDM Plan</b> This project involves working with the Centralina Regional Council to develop a Transportation Demand Management (TDM) plan and a framework for plan implementation. The plan will cover a ten-county region. It is anticipated that the final product will serve as a model that can be replicated in other parts of the state.	<b>\$400,000 Total</b> \$0 Federal \$285,000 State \$115,000 Local
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Division	Project Number	5304 Planning Funds	Estimated Project Cost
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3	n/a	<b>Wave Transit ZEV Transition Study</b> This project involves working with the Cape Fear Public	<b>\$120,000 Total</b> \$96,000 Federal \$24,000 State
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Transportation Authority (dba Wave Transit) on a planning study for the transition to zero emissions light and heavy-duty passenger vehicles. The study will facilitate 1) the creation of a Zero-Emission Fleet Transition Plan, 2) the engineering and design for infrastructure for charging stations, and 3) the creation of an electric vehicle checklist for tracking that can be replicated by other transit agencies in the state. The Transition Plan is a requirement by FTA to apply for grant funds supporting any ZEV projects, including vehicles and all related infrastructure.

***Amendment (Approved April 2022 BOT Meeting)***

*(Old Total: \$100,000 - \$80,000 federal / \$20,000 state / \$0 local)*

**Item I-I: Total Projects 5: Total Federal and State Funds \$1,188,606**

<b><u>No of Projects</u></b>	<b><u>Program ID</u></b>	<b><u>Federal Amount</u></b>	<b><u>State Amount</u></b>	<b><u>Local Amount</u></b>	<b><u>Total Amount</u></b>
1	5311 Admin	\$78,688	\$4,918	\$14,754	\$98,360
2	ConCPT	\$0	\$700,000	\$100,000	\$800,000
1	TDM	\$0	\$285,000	\$115,000	\$400,000
1	5304 Planning	\$96,000	\$24,000	\$0	\$120,000
<b>5</b>	<b>TOTAL</b>	<b>\$174,688</b>	<b>\$1,013,918</b>	<b>\$229,754</b>	<b>\$1,418,360</b>



## NCDOT November 2022 Board of Transportation Agenda

### Rail Program

Town/County Division	Project Description	Estimated Cost
Division 8, 10 Moore, Stanly, Mecklenburg Counties 80000.1.4.128	The Rail Division requests Board approval of additional Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds to assist in the construction of improvements to the Aberdeen, Carolina & Western Railway (ACWR) corridor. The project will provide bridge modernization and significant mainline track upgrades. These additional funds will facilitate Phase II of the rail improvement project. Grant funding provides matching support along with railroad funding for an awarded ACWR FRA CRISI grant. ACWR will be responsible for the construction of the project. This funding supplement of \$3,575,000 will be added to the total project funding approved by the Board on the May 2022 agenda, for a total project cost to the Department of \$7,150,000. FRRCSI ID: F22107	\$3,575,000
Division 10 Stanly County 80000.2.5.3	The Rail Division requests Board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds on the Aberdeen Carolina & Western Railroad (ACWR) for the installation of a rail signal system and safety device improvements at crossing at SR 1766 – Fork Road (Crossing 728 877N, MP PS-343.60). The total estimated cost to the Department is \$335,000. FRRCSI ID: F23217	\$335,000
Division 10 Stanly County 80000.2.5.4	The Rail Division requests Board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds on the Aberdeen Carolina & Western Railroad (ACWR) for the installation of a rail signal system and safety improvements at SR 1765 – Lanier Road (Crossing 728 876G, MP PS-343.70). The total estimated cost to the Department is \$335,000. FRRCSI ID: F23218	\$335,000
Division 10 Stanly County 80000.2.5.5	The Rail Division requests Board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds on the Aberdeen Carolina & Western Railroad (ACWR) for the installation of a rail signal system and safety device improvements at SR 1768 – Piney Point Road (Crossing 728 879C, MP PS-343.00). The total estimated cost to the Department is \$335,000. FRRCSI ID: F23219	\$335,000
Division 10 Mecklenburg County 80000.2.5.8	The Rail Division requests Board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds on the Aberdeen Carolina & Western Railroad (ACWR) for the installation of a rail signal system and safety device improvements at SR 2940 – Eastway Drive (Crossing 726 797N, MP PS-385.00). The total estimated cost to the Department is \$335,000. FRRCSI ID: F23222	\$335,000

## **NCDOT November 2022 Board of Transportation Agenda**

### **Rail Program**

Division 10 Mecklenburg County 80000.2.5.9	The Rail Division requests Board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds on the Aberdeen Carolina & Western Railroad (ACWR) for rail signal system improvements at SR 2805 – Harrisburg Road (Crossing 726 808Y, MP PS-379.21). The total estimated cost to the Department is \$335,000. FRRCSI ID: F23223	\$335,000
Statewide 80000.4.1.1	The Rail Division requests Board approval of additional advanced funding of Freight Rail and Rail Crossing Safety Improvement (FRRCSI) funds for continued work on the S-Line corridor program. This funding will assist in corridor development and will be reimbursed from an already announced federal grant for further planning and preliminary engineering in North Carolina and Virginia. The total estimated cost is \$4,000,000.	\$4,000,000

**ITEM I - 2 SUMMARY – 7 PROJECTS - (TOTAL STATE) \$9,250,000**

**NCDOT November Board of Transportation Agenda**

**Bicycle and Pedestrian Transportation Program**

**Town/County  
Division**

**Project Description**

**Estimated  
Cost**

There will be no items presented for approval at the November 3, 2022, Board of Transportation meeting.

**ITEM I - 3 SUMMARY – NO PROJECTS**

## NCDOT November 2022 Board of Transportation Agenda

### Aviation Program

Division Airport County	Project Description	Estimate
Division 2 Washington-Warren Airport Beaufort County	<b>Airfield Drainage Improvements Phase 1 (CON/CA/RPR) WBS (TBD)</b> This request will provide funding for construction, construction administration and inspection services to replace failing drainage infrastructure that is causing unsafe conditions adjacent to aircraft pavement. (PR# 4065)	\$1,230,000 Total \$1,107,000 State \$123,000 Local
Division 2 Coastal Carolina Regional Airport Craven County	<b>Small Community Air Service Development Program WBS (TBD)</b> This request is for state funds of \$12,000 for two years to support almost \$1.4 M in USDOT and local funding to provide a revenue guarantee and marketing to start new service to Philadelphia. The community's current airfares are slightly higher than the national average. The community states that the proposed new service will benefit multiple sectors of its economy, and in particular, its tourism industry along the coast including North Carolina's Outer Banks. The only current service to New Bern is from Charlotte, NC, on American Airlines. (PR# 4692)	\$1,396,000 Total \$24,000 State \$596,000 Local \$776,000 Other
Division 2 Pitt-Greenville Airport Pitt County	<b>Small Community Air Service Development Program WBS (TBD)</b> This request is for state funds of \$12,000 for two years to support over \$1.1 M in USDOT and local funding to provide a revenue guarantee and marketing to recruit a second air carrier to the community, to provide direct service to Washington Dulles International Airport or to another large hub in the eastern United States. The community believes that a second service will add needed capacity and lower airfares. (PR# 4695)	\$1,150,000 Total \$24,000 State \$376,000 Local \$750,000 Other

## NCDOT November 2022 Board of Transportation Agenda

### Aviation Program

Division 2 Albert J Ellis Airport Onslow County	<b>Small Community Air Service Development Program WBS (TBD)</b> This request is for state funds of \$12,000 for two years to support \$881,000 in USDOT and local funding to provide a revenue guarantee, marketing, and fee waivers for new nonstop service to Dallas/Ft. Worth International Airport (DFW). This service would complement existing service by improving access to western states and international markets. American Airlines has provided a letter of support. (PR# 4694)	\$905,000 Total \$24,000 State \$181,000 Local \$700,000 Other
Division 2 Kinston Regional Jetport Lenoir County	<b>Runway 23 Obstruction Removal (amendment) WBS 36244.39.3.1</b> This request will provide additional funding based on a current quote from Duke Energy to relocate overhead powerlines that cross the flight path to the runway. (PR#2715)	\$180,000 Total \$162,000 State \$18,000 Local
Division 3 Wilmington International Airport New Hanover County	<b>Small Community Air Service Development Program WBS (TBD)</b> This request is for state funds of \$12,000 for two years to support almost \$726,000 in USDOT and local funding to provide a revenue guarantee and marketing to start new service to a South Florida hub, including Fort Lauderdale, Miami, or West Palm Beach, FL, using American Airlines. The community is experiencing high airfares and that South Florida destinations would provide improved connectivity to the Caribbean and Central/South America. American Airlines has filed a letter in support of the proposal. (PR# 4693)	\$750,000 Total \$24,000 State \$126,000 Local \$600,000 Other

## NCDOT November 2022 Board of Transportation Agenda

### Aviation Program

Division 3 Mount Olive Municipal Airport Wayne County	<b>Land Acquisition for Parallel Taxiway (amendment) WBS 36244.71.4.1</b> This request will provide additional funding for negotiated purchase costs of necessary parcels. Matching funds provided by Safety Enhancement Program. (PR# 4060)	\$60,000 Total \$60,000 State \$0 Local
Division 6 Lumberton Regional Airport Robeson County	<b>New Fuel Farm (DES.CON/CA/RPR) (amendment) WBS 36244.42.15.1</b> This request will provide additional funding for the construction costs based on bid prices. (PR# 4324)	\$340,000 Total \$306,000 State \$34,000 Local
Division 7 Burlington Alamance Regional Airport Alamance County	<b>Sewer Expansion to East Side of Airfield (amendment) WBS 36244.16.15.1</b> This request modifies the scope of work previously approved for economic development. The change would utilize \$238,100 of the existing award for \$445,100 to install additional sewer/water connections for new expansion on the west side of the airfield. (PR# 3655)	\$0 Total \$0 State \$0 Local
Division 7 Burlington Alamance Regional Airport Alamance County	<b>Project Sky King WBS (TBD)</b> This request will provide economic development funds to complete site development for new hangar construction that will accommodate new aircraft on the airfield. (PR# 4696)	\$81,800,000 Total \$1,800,000 State \$6,000,000 Local \$74,000,000 Other
Division 13 Rutherford County Airport Rutherford County	<b>Airfield Lighting, Signage, &amp; NAVAID Replacement (CON/CA/RPR) WBS (TBD)</b> This request will fund replacement of incandescent lighting, signs, and navigational aids that have outlived their useful life and install new LED equipment. Estimate includes professional fees for construction administration and inspection services. (PR# 4579)	\$1,240,000 Total \$1,116,000 State \$124,000 Local

**NCDOT November 2022 Board of Transportation Agenda**

**Aviation Program**

**ITEM I-4 SUMMARY – 11 REQUESTS – Total Cost: \$ 89,051,000**

**Total State Aid Cost \$ 4,647,000**

**Total Local Investment \$ 7,578,000**

**Total Other Investment \$76,826,000**

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

**NCDOT NOVEMBER 2022 BOARD OF TRANSPORTATION AGENDA  
APPROVAL OF STRATEGIC TRANSPORTATION INVESTMENT FUNDS**

<b>TOWN / COUNTY DIVISION PROJ. CATEGORY</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
TYRRELL CO. DIV. 1 HB-0001 STATEWIDE	WBS 49475.1.1 REPLACE BRIDGE 7 OVER THE ALLIGATOR RIVER ON US 64. \$6,600,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$25,000.00
TYRRELL CO. DIV. 1 HB-0001WM STATEWIDE	WBS 49475.4.1 REPLACE BRIDGE 7 OVER THE ALLIGATOR RIVER. INITIAL FUNDS ARE REQUESTED FOR WETLAND MITIGATION.	\$11,173.00
NORTHAMPTON CO. DIV. 1 R-2582A DIVISION	WBS 34472.3.2 US 158/ NC 46 FROM I-95 / NC 46 IN ROANOKE RAPIDS TO SR 1312 (ST. JOHN CHURCH ROAD) IN NORTHAMPTON COUNTY. \$94,193,481.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. CONSTRUCTION SPENDING HAS NOT OCCURRED AS QUICKLY AS ORIGINALLY ANTICIPATED: THEREFORE, THE CURRENT FUNDING AVAILABLE IN SFY 23 WILL BE DECREASED BY \$37,500,000.00 AND MADE AVAILABLE FOR OTHER PROJECTS. \$17,250,000.00 WILL BE CASH FLOWED FROM SFY 24. \$17,250,000. 00 WILL BE CASH FLOWED FROM SFY 25 AND \$3,000,000.00 WILL BE CASH FLOWED FROM SFY 2026 TO BETTER ALIGN FUNDING AND EXPENDITURES. THIS IS A <b>BUILD NC BOND</b> PROJECT.	\$0.00
DARE, HYDE COS. DIV. 1 R-3116 REG/DIV	WBS 34525.1.1 NC 12 FROM OCRACOCKE TO SOUTH TERMINAL OF OREGON INLET BRIDGE. \$1,850,251.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED. <b>THIS PROJECT HAS PREVIOUSLY BEEN IDENTIFIED AS A TRUST FUND SPECIFIC STATE FUNDS FOR CONSTRUCTION PROJECT.</b>	\$35,000.00
PERQUIMANS CO. DIV. 1 R-5740 DIVISION	WBS 50198.3.1 SR 1329 (WOODVILLE ROAD) FROM SR 1331 (RED BANK ROAD) TO SR 1300 (NEW HOPE ROAD). \$5,858,030.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE REQUESTED.	\$740,000.00



**NCDOT NOVEMBER 2022 BOARD OF TRANSPORTATION AGENDA  
APPROVAL OF STRATEGIC TRANSPORTATION INVESTMENT FUNDS**

<b>TOWN / COUNTY DIVISION PROJ. CATEGORY</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
PERQUIMANS CO. DIV. 1 R-5740 DIVISION	WBS 50198.2.2 SR 1329 (WOODVILLE ROAD) FROM SR 1331 (RED BANK ROAD) TO SR 1300 (NEW HOPE ROAD). \$875,000.00 HAS PREVIOUSLY BEEN APPROVED FOR UTILITIES. ADDITIONAL STRATEGIC TRANSPORTATION INVESTMENTS FUNDS ARE REQUESTED. THIS IS A <b>BUILD NC BOND</b> PROJECT.	\$21,000.00
PITT CO. DIV. 2 B-5612 REGIONAL	WBS 45567.1.1 REPLACE BRIDGE 24 OVER THE TAR RIVER ON NC 222. \$687,398.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$125,000.00
BEAUFORT CO. DIV. 2 B-5614 DIVISION	WBS 45569.1.2 REPLACE BRIDGE 9 OVER BLOUNTS CREEK ON SR 1112. \$761,700.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$125,000.00
LENOIR CO. DIV. 2 R-2553 STATEWIDE	WBS 34460.1.2 US 70 (KINSTON BYP) \$14,296,858.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED. <b>THIS PROJECT HAS PREVIOUSLY BEEN IDENTIFIED AS A TRUST FUND INTRASTATE SYSTEM PROJECT.</b>	\$2,300,000.00
CRAVEN CO. DIV. 2 R-4463A REGIONAL	WBS 35601.1.R2 NC 43 CONNECTOR FROM US 17 BUSINESS TO SOUTH OF US 17/US 70. \$2,215,099.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL STRATEGIC TRANSPORTATION INVESTMENTS FUNDS ARE REQUESTED. THIS IS A <b>BUILD NC BOND</b> PROJECT.	\$40,000.00
BEAUFORT CO. DIV. 2 R-5897 REGIONAL	WBS 48343.1.1 NC 32 AT BRICK KILN ROAD. \$10,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. FUNDS NEED TO BE DECREASED (\$9,888.98). WBS WILL BE CLOSED.	(\$9,888.98)

**NCDOT NOVEMBER 2022 BOARD OF TRANSPORTATION AGENDA  
APPROVAL OF STRATEGIC TRANSPORTATION INVESTMENT FUNDS**

<b>TOWN / COUNTY DIVISION PROJ. CATEGORY</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
CRAVEN CO. DIV. 2 U-3431 DIVISION	WBS 39004.1.1 SR 1763 (MILLER BOULEVARD) FROM SR 1756 (LAKE ROAD) TO OUTER BANKS DRIVE. \$2,450,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$375,000.00
PITT CO. DIV. 2 U-5785 DIVISION	WBS 44357.1.1 SR 1708 (FIRETOWER ROAD) FROM NC 43 (CHARLES BOULEVARD) TO SR 1704 (FOURTEENTH STREET) IN GREENVILLE. \$1,611,507.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$425,000.00
PITT CO. DIV. 2 U-5870 DIVISION	WBS 54046.2.1 SR 1708 (FIRETOWER ROAD) FROM SR 1704 (FOURTEENTH STREET) TO NC 33 (EAST 10TH STREET) IN GREENVILLE. \$10,000.00 HAS PREVIOUSLY BEEN APPROVED FOR FULL RIGHT OF WAY. FUNDS NEED TO BE DECREASED (\$9,867.07). WBS WILL BE CLOSED.	(\$9,867.07)
PITT CO. DIV. 2 U-5875 DIVISION	WBS 44677.1.1 SR 1203 (ALLEN STREET) FROM SR 1467 (STANTONSBURG ROAD) TO US 13 (DICKINSON AVENUE EXTENSION). \$2,475,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$160,000.00
CARTERET CO. DIV. 2 U-5876 STATEWIDE	WBS 44678.1.1 US 70 (ARENDELL STREET) FROM 4TH STREET TO SR 1175 (RADIO ISLAND ROAD). \$1,600,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$220,000.00

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APPROVAL OF STRATEGIC TRANSPORTATION INVESTMENT FUNDS**

<b>TOWN / COUNTY DIVISION PROJ. CATEGORY</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
PITT CO. DIV. 2 U-5917 DIVISION	WBS 44679.1.1 SR 1704 (FOURTEENTH STREET) FROM RED BANKS ROAD TO SR 1708 (FIRETOWER ROAD). \$2,055,439.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL STRATEGIC TRANSPORTATION INVESTMENTS FUNDS ARE REQUESTED. THIS IS A <b>BUILD NC BOND</b> PROJECT.	\$350,000.00
CRAVEN CO. DIV. 2 U-5993 REGIONAL	WBS 47113.1.1 NC 55 (NEUSE BOULEVARD) AT US 17 BUSINESS (MLK BOULEVARD). \$831,508.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$30,000.00
NEW HANOVER CO. DIV. 3 U-4751 STATEWIDE	WBS 40191.2.1 SR 1409 (MILITARY CUTOFF ROAD EXTENSION) TO US 17 IN WILMINGTON. \$107,185,084.00 HAS PREVIOUSLY BEEN APPROVED FOR ACQUISITION OF SPECIFIC PARCELS. ADDITIONAL FUNDS ARE REQUESTED. <b>THIS PROJECT HAS PREVIOUSLY BEEN IDENTIFIED AS A TRUST FUND INTRASTATE SYSTEM PROJECT.</b>	\$300,000.00
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. ADDITIONAL STRATEGIC TRANSPORTATION INVESTMENTS FUNDS ARE REQUESTED. THIS IS A <b>BUILD NC BOND</b> PROJECT.	\$27,300,000.00
NEW HANOVER CO. DIV. 3 U-4751 STATEWIDE	WBS 40191.2.3 SR 1409 (MILITARY CUTOFF ROAD EXTENSION) TO US 17 IN WILMINGTON. \$471,610.00 HAS PREVIOUSLY BEEN APPROVED FOR MAP ACT APPRAISALS AND TO ALLOW FOR FUTURE ACQUISITION OF SPECIFIC PARCELS. ADDITIONAL FUNDS ARE REQUESTED.	\$300,000.00

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<b>TOWN / COUNTY DIVISION PROJ. CATEGORY</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
NEW HANOVER CO. DIV. 3 U-4751 STATEWIDE	WBS 40191.1.4 SR 1409 (MILITARY CUTOFF ROAD EXTENSION) FROM SR 1409 (MILITARY CUTOFF ROAD) TO US 17 IN WILMINGTON. \$64,627.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED. WBS WILL BE CLOSED.	\$1,302.30
BRUNSWICK CO. DIV. 3 U-5788 DIVISION	WBS 44360.3.1 US 17 BUSINESS (MAIN STREET) FROM SR 1173 (VILLAGE ROAD) TO WALL STREET. \$1,906,169.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE REQUESTED.	\$300,000.00
EDGEcombe CO. DIV. 4 B-5952 REGIONAL	WBS 45986.1.1 REPLACE BRIDGE 51 OVER TAR RIVER ON NC 97. \$100,524.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$100,000.00
JOHNSTON, WAKE COS. DIVS. 4/5 R-2829A STATEWIDE	WBS 35517.2.TA1 NEW ROUTE (FUTURE NC 540) FROM I-40 TO SOUTH OF ROCK QUARRY ROAD. CONSTRUCT FREEWAY ON NEWLOCATION. INITIAL FUNDS ARE REQUESTED FOR FULL RIGHT OF WAY.	\$10,000,000.00
JOHNSTON, WAKE COS. DIVS. 4/5 R-2829A STATEWIDE	WBS 35517.2.TA2 NEW ROUTE (FUTURE NC 540) FROM I-40 TO SOUTH OF ROCK QUARRY ROAD. INITIAL FUNDS ARE REQUESTED FOR UTILITIES.	\$1,000,000.00
JOHNSTON, WAKE COS. DIVS. 4/5 R-2829A STATEWIDE	WBS 35517.3.TA1 NEW ROUTE (FUTURE NC 540) FROM I-40 TO SOUTH OF ROCK QUARRY ROAD. INITIAL FUNDS ARE REQUESTED FOR CONSTRUCTION.	\$1,000,000.00

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<b>TOWN / COUNTY DIVISION PROJ. CATEGORY</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
JOHNSTON, WAKE COS. DIVS. 4/5 R-2829B STATEWIDE	WBS 35517.2.TA3 NEW ROUTE (FUTURE NC 540) FROM SOUTH OF ROCK QUARRY ROAD TO I-87 / US 64 / US 264 BYPASS. INITIAL FUNDS ARE REQUESTED FOR FULL RIGHT OF WAY.	\$8,500,000.00
JOHNSTON, WAKE COS. DIVS. 4/5 R-2829B STATEWIDE	WBS 35517.2.TA4 NEW ROUTE (FUTURE NC 540) FROM SOUTH OF ROCK QUARRY ROAD TO I-87 / US 64 / US 264 BYPASS. INITIAL FUNDS ARE REQUESTED FOR UTILITIES.	\$1,500,000.00
DURHAM CO. DIV. 5 B-5674 REGIONAL	WBS 45629.1.2 REPLACE BRIDGE 80 OVER SR 1308 IN DURHAM ON US 15-501 NORTHBOUND. \$10,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$50,000.00
WAKE CO. DIV. 5 B-5684 REGIONAL	WBS 45639.1.2 REPLACE BRIDGE 146 OVER CRABTREE CREEK IN RALEIGH ON US 401 \$273,400.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$250,000.00
WAKE CO. DIV. 5 B-5987 REGIONAL	WBS 47817.1.1 REPLACE BRIDGES 115 & 117 OVER NORFOLK SOUTHERN RAILROAD AND AN UNNAMED TRIBUTARY OF SWIFT CREEK ON US 401. \$386,528.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$450,000.00
WAKE CO. DIV. 5 I-5999 STATEWIDE	WBS 47954.1.1 I-540 FROM US 70 (GLENWOOD AVENUE) TO EAST OF TRIANGLE TOWN BOULEVARD IN RALEIGH. \$209,656.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$50,000.00

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<b>TOWN / COUNTY DIVISION PROJ. CATEGORY</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
WAKE CO. DIV. 5 P-5602EJ STATEWIDE	WBS 46393.1.39 CEDAR AVENUE PEDESTRIAN STUDY (WAKE FOREST). \$60,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. FUNDS NEED TO BE DECREASED (\$60,000.00). WBS WILL BE CLOSED. FEASIBILITY STUDY WAS CANCELLED.	(\$60,000.00)
FRANKLIN CO. DIV. 5 P-5602EK STATEWIDE	WBS 46393.1.40 PINE STREET PEDESTRIAN STUDY (YOUNGSVILLE). \$60,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. FUNDS NEED TO BE DECREASED (\$60,000.00). WBS WILL BE CLOSED. FEASIBILITY STUDY WAS CANCELLED.	(\$60,000.00)
FRANKLIN CO. DIV. 5 P-5602EL STATEWIDE	WBS 46393.1.41 COLLEGE STREET PEDESTRIAN STUDY (FRANKLINTON). \$60,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. FUNDS NEED TO BE DECREASED (\$60,000.00). WBS WILL BE CLOSED. FEASIBILITY STUDY WAS CANCELLED.	(\$60,000.00)
FRANKLIN CO. DIV. 5 P-5602EM STATEWIDE	WBS 46393.1.42 MASON STREET PEDESTRIAN STUDY (FRANKLINTON). \$60,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. FUNDS NEED TO BE DECREASED (\$60,000.00). WBS WILL BE CLOSED. FEASIBILITY STUDY WAS CANCELLED.	(\$60,000.00)
WAKE CO. DIV. 5 P-5602ER STATEWIDE	WBS 46393.1.47 WARRENTON ROAD GRADE SEPARATION STUDY (HENDERSON). INITIAL FUNDS ARE REQUESTED FOR PRELIMINARY ENGINEERING.	\$120,000.00
WAKE CO. DIV. 5 P-5602ES STATEWIDE	WBS 46393.1.48 JP TAYLOR ROAD GRADE SEPARATION STUDY (HENDERSON). INITIAL FUNDS ARE REQUESTED FOR PRELIMINARY ENGINEERING.	\$120,000.00

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<b>TOWN / COUNTY DIVISION PROJ. CATEGORY</b>	<b>PROJECT DESCRIPTI ON</b>	<b>ESTIMATED COST</b>
WAKE CO. DIV. 5 R-2829 STATEWIDE	WBS 35517.1.2 ADVANCED PROPERTY ACQUISITION/RELOCATION STUDIES. EASTERN WAKE FREEWAY FROM I-40 TO US 64-264 KNIGHTDALE BYPASS. \$124,160.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$50,000.00
JOHNSTON, WAKE COS. DIVS. 4/5 R-2829B STATEWIDE	WBS 35517.3.TA2 NEW ROUTE (FUTURE NC 540) FROM SOUTH OF ROCK QUARRY ROAD TO I-87 / US 64 / US 264 BYPASS. INITIAL FUNDS ARE REQUESTED FOR CONSTRUCTION.	\$1,000,000.00
FRANKLIN CO. DIV. 5 R-3608 REGIONAL	WBS 46957.1.1 US 401/NC 39 FROM NC 56/ NC 581 (NASH STREET) TO SR 1229 (MAIN STREET). \$1,004,287.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$150,000.00
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) \$196,103,931.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE REQUESTED. <b>THIS IS A TRANSITION PROJECT.</b>	\$6,000,000.00
RALEIGH /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. \$2,062,688.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL STRATEGIC TRANSPORTATION INVESTMENTS FUNDS ARE REQUESTED. THIS IS A <b>BUILD NC BOND</b> PROJECT.	\$100,000.00
WAKE CO. DIV. 5 U-5746 REGIONAL	WBS 54032.1.1 US 401 FROM WAKE TECHNICAL COMMUNITY COLLEGE TO SR 1010 (TEN-TEN ROAD). \$1,620,383.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$150,000.00

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<b>TOWN / COUNTY DIVISION PROJ. CATEGORY</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
WAKE CO. DIV. 5 U-5747 REGIONAL	WBS 50167.1.1 NC 54 AT SR 1635 (MCCRIMMON PARKWAY) IN MORRISVILLE. \$4,512,072.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL STRATEGIC TRANSPORTATION INVESTMENTS FUNDS ARE REQUESTED. THIS IS A <b>BUILD NC BOND</b> PROJECT.	\$100,000.00
WAKE CO. DIV. 5 U-5747WM REGIONAL	WBS 50167.4.1 NC 54 AT SR 1635 (MCCRIMMON PARKWAY) IN MORRISVILLE. INITIAL FUNDS ARE REQUESTED FOR WETLAND MITIGATION.	\$53,630.00
WAKE CO. DIV. 5 U-5750 REGIONAL	WBS 50170.1.1 NC 54 FROM NC 540 TO PERIMETER PARK DRIVE IN MORRISVILLE. \$3,092,566.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL STRATEGIC TRANSPORTATION INVESTMENTS FUNDS ARE REQUESTED. THIS IS A <b>BUILD NC BOND</b> PROJECT.	\$150,000.00
WAKE CO. DIV. 5 U-5936 STATEWIDE	WBS 45944.1.1 SR 1728 (WADE AVENUE) FROM I-40 TO I-440 IN RALEIGH. \$1,021,510.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$150,000.00
FRANKLIN CO. DIV. 5 U-6024 DIVISION	WBS 47151.1.1 US 401/ NC 39 FROM BURKE BOULEVARD TO NC 56 / NC 581 (NASH STREET) IN LOUISBURG. \$1,018,628.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$150,000.00
WAKE CO. DIV. 5 U-6066 STATEWIDE	WBS 47491.1.1 US 1 FROM NC 55 IN APEX TO US 64 IN CARY. \$63,885.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$10,000.00



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<b>TOWN / COUNTY DIVISION PROJ. CATEGORY</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
WAKE CO. DIV. 5 U-6112 REGIONAL	WBS 48367.1.1 US 401 AT SR 1010 (TEN-TEN ROAD) \$169,824.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$150,000.00
HARNETT, WAKE COS. DIVS. 5/6 R-5705B REGIONAL	WBS 46377.1.3 NC 55 FROM NC 210 TO SR 4809 (JICARILLA LANE). \$2,443,409.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$650,000.00
CUMBERLAND CO. DIV. 6 B-5708 STATEWIDE	WBS 45662.1.2 REPLACE BRIDGE 144 OVER SOUTH RIVER ON NC 24. \$22,139.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$150,000.00
CUMBERLAND CO. DIV. 6 I-5986A STATEWIDE	WBS 47532.2.2 I-95 FROM I-95 BUSINESS/US 301 (EXIT 56) TO SR 1001 (LONGBRANCH ROAD - EXIT 71). \$21,000,000.00 HAS PREVIOUSLY BEEN APPROVED FOR FULL RIGHT OF WAY AND UTILITIES. ADDITIONAL FUNDS ARE REQUESTED.	\$300,000.00
ROBESON CO. DIV. 6 I-5987A REGIONAL	WBS 47533.3.2 I-95 FROM SOUTH OF US 301 TO SOUTH OF NC 20. \$179,477,502.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. FUNDS NEED TO BE INCREASED BY \$104,879,197.00 TO REFLECT THE LOW BID RECEIVED. THIS IS A CASH FLOW PROJECT WITH \$32,248,471.00 IN SFY 24, \$25,171,007.00 IN SFY 25, \$4,847,839.00 IN SFY 26 & \$42,611,880.00 IN SFY 27. THIS IS A <b>BUILD NC BOND</b> PROJECT.	\$104,879,197.00

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<b>TOWN / COUNTY DIVISION PROJ. CATEGORY</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
ROBESON CO. DIV. 6 I-5987B REGIONAL	WBS 47533.3.3 I-95 FROM SOUTH OF NC 20 TO SOUTH OF PROPOSED I-295. \$195,900,000.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. FUNDS NEED TO BE INCREASED BY \$129,467,755.88 TO REFLECT THE LOW BID RECEIVED. THIS IS A CASH FLOW PROJECT WITH \$22,073,551.18 IN SFY 23, \$30,309,938.97 IN SFY 24, \$26,523,906.29 IN SFY 25, \$5,008,873.62 IN SFY 26 & \$45,551,485.82 IN SFY 27. THIS IS A <b>BUILD NC BOND</b> PROJECT.	\$129,467,755.88
ROBESON CO. DIV. 6 I-6064A REGIONAL	WBS 49067.3.1 I-95 FROM I-74 (EXIT 13) TO CARTHAGE ROAD (EXIT 19). \$219,491,687.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. CONSTRUCTION SPENDING HAS NOT OCCURRED AS QUICKLY AS ORIGINALLY ANTICIPATED, THEREFORE, THE CURRENT FUNDING AVAILABLE IN SFY 2023 WILL BE DECREASED BY \$90,000,000.00 AND MADE AVAILABLE FOR OTHER PROJECTS. \$90,000,000.00 WILL BE CASH FLOWED FROM SFY 2026 TO BETTER ALIGN FUNDING AND EXPENDITURES.	\$0.00
ROBESON CO. DIV. 6 I-6064B STATEWIDE	WBS 49067.3.2 I-95 FROM CARTHAGE ROAD (EXIT 19) TO US 301 (FAYETTEVILLE ROAD, EXIT 22). \$85,945,632.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. CONSTRUCTION SPENDING HAS NOT OCCURRED AS QUICKLY AS ORIGINALLY ANTICIPATED, THEREFORE, THE CURRENT FUNDING AVAILABLE IN SFY 2023 WILL BE DECREASED BY \$40,000,000.00 AND MADE AVAILABLE FOR OTHER PROJECTS. \$40,000,000.00 WILL BE CASH FLOWED FROM SFY 2026 TO BETTER ALIGN FUNDING AND EXPENDITURES.	\$0.00
HARNETT CO. DIV. 6 R-5705A DIVISION	WBS 46377.2.1 NC 55 FROM JUST SOUTH OF SR 1532 (OAK GROVE CHURCH ROAD) TO NC 210. \$11,835,000.00 HAS PREVIOUSLY BEEN APPROVED FOR FULL RIGHT OF WAY. ADDITIONAL FUNDS ARE REQUESTED.	\$17,000,000.00

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<b>TOWN / COUNTY DIVISION PROJ. CATEGORY</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
HARNETT CO. DIV. 6 R-5705A DIVISION	WBS 46377.1.2 NC 55 FROM JUST SOUTH OF SR 1532 (OAK GROVE CHURCH ROAD) TO NC 210. \$3,101,463.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$1,000,000.00
HARNETT CO. DIV. 6 R-5705A DIVISION	WBS 46377.2.5 NC 55 FROM JUST SOUTH OF SR 1532 (OAK GROVE CHURCH ROAD) TO NC 210. \$2,500,000.00 HAS PREVIOUSLY BEEN APPROVED FOR UTILITIES. ADDITIONAL FUNDS ARE REQUESTED.	\$600,000.00
HARNETT CO. DIV. 6 R-5705B REGIONAL	WBS 46377.2.2 NC 55 FROM NC 210 TO SR 4809 (JICARILLA LANE). \$10,171,142.00 HAS PREVIOUSLY BEEN APPROVED FOR FULL RIGHT OF WAY. ADDITIONAL FUNDS ARE REQUESTED.	\$15,000,000.00
ORANGE CO. DIV. 7 I-3306AD STATEWIDE	WBS 34178.3.7 I-40 FROM I-85 IN ORANGE COUNTY TO DURHAM COUNTY. INITIAL FUNDS ARE REQUESTED FOR CONSTRUCTION.	\$2,280,000.00
ALAMANCE CO. DIV. 7 U-5843 DIVISION	WBS 50233.2.1 US 70 (CHURCH STREET) AT SR 1817 (GRAHAM-HOPEDALE ROAD) IN BURLINGTON. \$1,502,168.00 HAS PREVIOUSLY BEEN APPROVED FOR FULL RIGHT OF WAY AND UTILITIES. ADDITIONAL FUNDS ARE REQUESTED.	\$150,300.00
GUILFORD, RANDOLPH 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. \$2,652,701.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$500,000.00

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<b>TOWN / COUNTY DIVISION PROJ. CATEGORY</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
CHATHAM CO. DIV. 8 HE-0011 DIVISION	WBS 50623.1.1 VARIOUS, WOLFSPEED - ROADWAY IMPROVEMENTS ALONG US 64 JUST WEST OF SILER CITY AND CONSTRUCTION OF INDUSTRIAL ACCESS ROAD. INITIAL FUNDS ARE REQUESTED FOR PRELIMINARY ENGINEERING.	\$1,000,000.00
RICHMOND CO. DIV. 8 R-3421A REGIONAL	WBS 34542.3.6 US 220/I-73/I- 74 FROM US 74 BYPASS WEST OF ROCKINGHAM AT SR 1109 (ZION CHURCH ROAD) INTERCHANGE TO SOUTH OF SR 1140 (OLD CHARLOTTE HIGHWAY). \$63,005,670.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL STRATEGIC TRANSPORTATION INVESTMENTS FUNDS ARE REQUESTED. THIS IS A <b>CASH FLOW</b> PROJECT WITH \$15,487,139.86 IN SFY 23, \$10,000,000.00 in SFY 24 AND \$5,000,000.00 IN SFY 25. THIS IS A <b>BUILD NC BOND</b> PROJECT.	\$30,487,139.86
MONTGOMERY CO. DIV. 8 R-5826B DIVISION	WBS 47098.1.3 NC 109 FROM SR 1127 (HEARNE FARM ROAD) TO SR 1174 (PEE DEE ROAD). \$737,887.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$400,000.00
LEE CO. DIV. 8 R-5959 DIVISION	WBS 48593.1.1 SR 1521 (KELLY DRIVE) FROM SR 1519 (NASH STREET) TO NORTHEAST OF CENTRAL CAROLINA COMMUNITY COLLEGE. \$455,590.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$300,000.00
RANDOLPH CO. DIV. 8 U-5711 DIVISION	WBS 50160.2.1 SR 1712 (PINEVIEW STREET) FROM WEST OF SYLVAN STREET TO US 220 BUSINESS IN ASHEBORO. \$1,689,594.00 HAS PREVIOUSLY BEEN APPROVED FOR FULL RIGHT OF WAY. ADDITIONAL FUNDS ARE REQUESTED.	\$20,000.00

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<b>TOWN / COUNTY DIVISION PROJ. CATEGORY</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
ROWAN CO. DIV. 9 B-5772 DIVISION	WBS 45728.1.2 REPLACE BRIDGE 66 OVER THE NORFOLK SOUTHERN RAILWAY TRACKS ON SR 1724 (HURLEY SCHOOL ROAD). \$545,683.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$50,000.00
DAVIDSON CO. DIV. 9 P-5731 DIVISION	WBS 47610.1.1 NORFOLK SOUTHERN RAILROAD CROSSING AT EAST 7TH AVENUE IN LEXINGTON. \$2,200,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$1,500,000.00
FORSYTH CO. DIV. 9 U-2579AA REGIONAL	WBS 34839.1.7 WINSTON-SALEM NORTHERN BELTWAY EASTERN SECTION (FUTURE I-74) FROM US 311 TO I-40. \$5,680,888.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$150,000.00
FORSYTH CO. DIV. 9 U-2579C REGIONAL	WBS 34839.1.9 WINSTON-SALEM NORTHERN BELTWAY (EASTERN SECTION) FROM US 311 TO US 158. \$1,235,229.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$5,000.00
MECKLENBURG CO. DIV. 10 I-5507 STATEWIDE	WBS 43609.3.2 I-485 FROM I-77 SOUTH OF CHARLOTTE TO US 74 (INDEPENDENCE BOULEVARD). \$324,335,790.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE REQUESTED. THIS IS A <b>CASH FLOW</b> PROJECT WITH \$19,300,000.00 IN SFY 23, \$93,600,000.00 IN SFY 24 AND \$39,000,000. 00 IN SFY 25.	\$151,900,000.00
MECKLENBURG CO. DIV. 10 P-5705A STATEWIDE	WBS 44475.1.1 CHARLOTTE GATEWAY STATION - WYE CONNECTION TRACK AT CHARLOTTE JUNCTION. \$1,913,625.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$300,000.00

**NCDOT NOVEMBER 2022 BOARD OF TRANSPORTATION AGENDA  
APPROVAL OF STRATEGIC TRANSPORTATION INVESTMENT FUNDS**

<b>TOWN / COUNTY DIVISION PROJ. CATEGORY</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
CABARRUS CO. DIV. 10 P-5725 REGIONAL	WBS 47603.1.1 NORFOLK SOUTHERN MAINLINE. CONSTRUCT TRACK IMPROVEMENTS, SECOND PLATFORM, PEDESTRIAN UNDERPASS, SITEWORK, RETAINING WALL AND SIGNALING EQUIPMENT. \$1,982,122.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$200,000.00
MECKLENBURG CO. DIV. 10 R-5721B REG/BA	WBS 50215.2.3 NC 73 FROM VANCE ROAD EXTENSION/BEATTIES FORD ROAD TO SR 5544 (WEST CATAWBA AVENUE). INITIAL FUNDS ARE REQUESTED FOR FULL RIGHT OF WAY. THIS IS A CASH FLOW PROJECT WITH \$342,244.00 IN SFY 23 (\$130,807.00 BONUS ALLOCATION & \$211,437.00 REGIONAL), \$4,106,933.00 IN SFY 24 (\$1,569,682.00 BONUS ALLOCATION & 2,537,251.00 REGIONAL), \$4,106,933.00 IN SFY 25 (\$1,569,682.00 BONUS ALLOCATION & 2,537,251.00 REGIONAL), \$3,764,690.00 IN SFY 26 (\$1,438,876.00 BONUS ALLOCATION & \$2,325,814.00 REGIONAL) AND \$3,080,200.00 IN SFY 27 (\$1,177,262.00 BONUS ALLOCATION & \$1,902,938.00 REGIONAL).	\$15,401,000.00
STANLY CO. DIV. 10 R-5965B DIVISION	WBS 49190.3.3 VARIOUS IMPROVEMENTS AROUND TOWN OF OAKBORO AT SR 1107 (SILVER ROAD)/SR 1108 (LIGHTHOUSE ROAD) AND SR 1107(SILVER ROAD)/SR 1110 (SWIFT ROAD) INTERSECTIONS.IMPROVE INTERSECTIONS AT SR 1107 (SILVER ROAD), SR 1108 (LIGHTHOUSE ROAD) AND SR 1110 (SWIFTROAD). INITIAL FUNDS ARE REQUESTED FOR CONSTRUCTION.	\$2,820,000.00
UNION CO. DIV. 10 U-4024 REGIONAL	WBS 35017.1.2 US 601 FROM EXISTING US 74 TO THE MONROE BYPASS. \$341,037.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$200,000.00

**NCDOT NOVEMBER 2022 BOARD OF TRANSPORTATION AGENDA  
APPROVAL OF STRATEGIC TRANSPORTATION INVESTMENT FUNDS**

<b>TOWN / COUNTY DIVISION PROJ. CATEGORY</b>	<b>PROJECT DESCRIPTI ON</b>	<b>ESTIMATED COST</b>
UNION CO. DIV. 10 U-5764 REGIONAL	WBS 50177.1.1 US 74 FROM HANOVER DRIVE TO SR 1007 (ROCKY RIVER ROAD). \$2,823,529.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$400,000.00
MECKLENBURG CO. DIV. 10 U-5766A REGIONAL	WBS 50179.1.2 NC 160 FROM SOUTH CAROLINA LINE TO NC 49 (SOUTH TRYON ROAD). INITIAL FUNDS ARE REQUESTED FOR PRELIMINARY ENGINEERING.	\$300,000.00
MECKLENBURG CO. DIV. 10 U-5772 REGIONAL	WBS 50184.1.1 NC 115 (OLD STATESVILLE ROAD) FROM NC 24 (HARRIS BOULEVARD) TO I-485. \$1,514,935.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$200,000.00
MECKLENBURG CO. DIV. 10 U-5807 DIVISION	WBS 44379.1.1 SR 2136 (GILEAD ROAD) FROM US 21 (STATESVILLE ROAD) TO NC 115. \$1,059,515.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED. .	\$200,000.00
UNION CO. DIV. 10 U-5808 DIVISION	WBS 44381.2.4 SR 1362 (CHESNUT LANE CONNECTOR) FROM SR 1367 (MATTHEWS INDIAN TRAIL ROAD) TO SR 1368 (GRIBBLE ROAD). INITIAL FUNDS ARE REQUESTED FOR UTILITIES.	\$1,200,000.00
MECKLENBURG CO. DIV. 10 U-5957 REGIONAL	WBS 46889.1.1 NC 27 (FREEDOM DRIVE) FROM SR 1644 (TODDVILLE ROAD) TO SR 1600 (MOORES CHAPEL ROAD). \$769,155.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$400,000.00

**NCDOT NOVEMBER 2022 BOARD OF TRANSPORTATION AGENDA  
APPROVAL OF STRATEGIC TRANSPORTATION INVESTMENT FUNDS**

<b>TOWN / COUNTY DIVISION PROJ. CATEGORY</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
YADKIN CO. DIV. 11 B-5825 REGIONAL	WBS 45778.1.1 REPLACE BRIDGE 35 OVER THE YADKIN RIVER ON NC 67. \$1,023,563.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$50,000.00
YADKIN CO. DIV. 11 B-5825 REGIONAL	WBS 45778.3.1 REPLACE BRIDGE 35 OVER THE YADKIN RIVER ON NC 67. \$11,014,503.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE REQUESTED.	\$450,000.00
YADKIN CO. DIV. 11 B-5833 REGIONAL	WBS 45786.1.2 REPLACE BRIDGE 29 OVER I-77 ON US 21 BUSINESS. \$540,911.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$50,000.00
ASHE CO. DIV. 11 BR-0002 REGIONAL	WBS 49071.1.1 REPLACE BRIDGE 8 ON NC 194 OVER NORTH FORK NEW RIVER. \$548,921.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$50,000.00
WATAUGA CO. DIV. 11 R-5915 DIVISION	WBS 48526.1.1 US 421 (DANIEL BOONE PARKWAY) FROM US 421/321 WEST OF BOONE TO US 421 EAST OF BOONE. INITIAL FUNDS ARE REQUESTED FOR PRELIMINARY ENGINEERING.	\$500,000.00
CATAWBA CO. DIV. 12 B-5847 DIVISION	WBS 45800.1.2 REPLACE BRIDGE 173 OVER I-40 ON SR 1709 (ROCK BARN ROAD). \$200,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$175,000.00



**NCDOT NOVEMBER 2022 BOARD OF TRANSPORTATION AGENDA  
APPROVAL OF STRATEGIC TRANSPORTATION INVESTMENT FUNDS**

<b>TOWN / COUNTY DIVISION PROJ. CATEGORY</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
ALEXANDER CO. DIV. 12 B-5954 REGIONAL	WBS 45987.1.1 REPLACE BRIDGE 1 OVER DUCK CREEK ON NC 127. \$93,885.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$50,000.00
CATAWBA CO. DIV. 12 R-3603A DIVISION	WBS 38870.1.2 NC 127 FROM SR 1400 (CLONINGER MILL ROAD) TO SR 1156 (RICHEY ROAD). \$2,300,431.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$1,300,000.00
IREDELL CO. DIV. 12 R-3833C DIVISION	WBS 34554.1.3 SR 1100 (BRAWLEY SCHOOL ROAD) FROM I-77 TO US 21. \$4,022,344.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$250,000.00
GASTON CO. DIV. 12 U-5965 REGIONAL	WBS 45979.2.1 US 29 (FRANKLIN BOULEVARD) AT NC 274. INITIAL FUNDS ARE REQUESTED FOR FULL RIGHT OF WAY. THIS IS A <b>CASH FLOW</b> PROJECT WITH \$920,000.00 IN SFY 23, \$3,680,000.00 IN SFY 24, \$920,000.00 IN SFY 25 AND \$1,380,000.00 IN SFY 26.	\$6,900,000.00
GASTON CO. DIV. 12 U-5965 REGIONAL	WBS 45979.2.2 US 29 (FRANKLIN BOULEVARD) AT NC 274. INITIAL FUNDS ARE REQUESTED FOR UTILITIES.	\$300,000.00
GASTON CO. DIV. 12 U-6043 DIVISION	WBS 46984.2.1 US 29 / US 74 (FRANKLIN BOULEVARD) FROM SR 2200 (COX ROAD) TO 400 FEET EAST OF LINBERGER ROAD. INITIAL FUNDS ARE REQUESTED FOR FULL RIGHT OF WAY. THIS IS A <b>CASH FLOW</b> PROJECT WITH \$300,000.00 IN SFY 23 AND \$300,000.00 IN SFY 24.	\$600,000.00

**NCDOT NOVEMBER 2022 BOARD OF TRANSPORTATION AGENDA  
APPROVAL OF STRATEGIC TRANSPORTATION INVESTMENT FUNDS**

<b>TOWN / COUNTY DIVISION PROJ. CATEGORY</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
GASTON CO. DIV. 12 U-6043 DIVISION	WBS 46984.2.2 US 29 / US 74 (FRANKLIN BOULEVARD) FROM SR 2200 (COX ROAD) TO 400 FEET EAST OF LINBERGER ROAD. INITIAL FUNDS ARE REQUESTED FOR UTILITIES.	\$900,000.00
GASTON CO. DIV. 12 U-6143 REGIONAL	WBS 48326.1.1 NC 7 (EAST CATAWBA STREET) AT US 74 (WILKINSON BOULEVARD) INTERSECTION. \$75,653.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$50,000.00
GASTON CO. DIV. 12 U-6146 REGIONAL	WBS 48392.1.1 US 74 (WILKINSON BOULEVARD) FROM MARKET STREET TO SR 2015 (ALBERTA AVENUE). \$1,845,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$600,000.00
BUNCOMBE CO. DIV. 13 B-5953 DIVISION	WBS 47217.1.1 REPLACE BRIDGE 649 OVER FRENCH BROAD RIVER AND SOUTHERN RAILROAD ON SR 1002 (OLD LEICESTER HIGHWAY). \$214,174.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$200,000.00
BUNCOMBE CO. DIV. 13 B-5992 DIVISION	WBS 47846.1.1 REPLACE BRIDGE 7 OVER FRENCH BROAD RIVER AND SOUTHERN RAILROAD ON SR 1620. \$266,032.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$250,000.00
BUNCOMBE CO. DIV. 13 I-2513B STATEWIDE	WBS 34165.1.9 I-240 FROM SR 3548 (HAYWOOD ROAD) TO US 19/23 AT SR 1781 (BROADWAY). \$633,133.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$25,000.00

**NCDOT NOVEMBER 2022 BOARD OF TRANSPORTATION AGENDA  
APPROVAL OF STRATEGIC TRANSPORTATION INVESTMENT FUNDS**

<b>TOWN / COUNTY DIVISION PROJ. CATEGORY</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
BURKE CO. DIV. 13 I-5008 REGIONAL	WBS 41497.1.1 I-40 AT SR 1734/SR 1826 (EXIT 111). \$1,497,253.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED. WBS WILL BE CLOSED.	\$15,536.00
BURKE CO. DIV. 13 I-5009 REGIONAL	WBS 41824.1.1 I-40 AT US 64 (BURKEMONT ROAD). \$1,104,956.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED. WBS WILL BE CLOSED.	\$11,190.92
MADISON CO. DIV. 13 I-5831 STATEWIDE	WBS 53037.1.1 I-26 FROM TENNESSEE STATE LINE TO MILEMARKER 9. \$177,290.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED. WBS WILL BE CLOSED.	\$127.09
BURKE CO. DIV. 13 I-5874 REGIONAL	WBS 53075.1.1 I-40 AT SR 1142 (JAMESTOWN ROAD) - EXIT 100. \$1,387,060.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED. WBS WILL BE CLOSED.	\$15,642.28
BURKE CO. DIV. 13 I-5875 REGIONAL	WBS 53076.1.1 I-40 AT SR 1712 (DREXEL ROAD). \$1,400,873.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED. WBS WILL BE CLOSED.	\$15,635.69
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. \$1,340,559.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL STRATEGIC TRANSPORTATION INVESTMENTS FUNDS ARE REQUESTED. THIS IS A <b>BUILD NC BOND</b> PROJECT.	\$5,000.00

**NCDOT NOVEMBER 2022 BOARD OF TRANSPORTATION AGENDA  
APPROVAL OF STRATEGIC TRANSPORTATION INVESTMENT FUNDS**

<b>TOWN / COUNTY DIVISION PROJ. CATEGORY</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
BUNCOMBE CO. DIV. 13 U-5832 DIVISION	WBS 44404.1.1 NC 81 (SWANNANOA RIVER ROAD) FROM SR 3214 (BILTMORE AVENUE) TO US 74A (SOUTH TUNNEL ROAD). \$873,792.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$25,000.00
BUNCOMBE CO. DIV. 13 U-5834 DIVISION	WBS 50226.1.1 SR 3116 (MILLS GAP ROAD) FROM US 25 (HENDERSONVILLE ROAD) TO SR 3157 (WESTON ROAD). \$1,580,580.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$450,000.00
MCDOWELL CO. DIV. 13 U-5835 DIVISION	WBS 50227.1.1 US 221 BUSINESS FROM US 221/NC 226 TO GEORGIA AVENUE. \$1,340,159.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$55,000.00
BURKE CO. DIV. 13 U-5836 REG/DIV	WBS 50228.1.1 NC 181 FROM SR 1414 (ST. MARY'S CHURCH ROAD) TO MORGANTON EXTRA TERRITORIAL JURISDICTION. \$1,192,863.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$150,000.00
BUNCOMBE CO. DIV. 13 U-5837 DIVISION	WBS 50229.1.1 SR 2002 (RICEVILLE ROAD) FROM US 70 (TUNNEL ROAD) TO SR 2285 (CLEAR VISTA LANE). \$400,518.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$25,000.00
BUNCOMBE CO. DIV. 13 U-5973 REGIONAL	WBS 45961.1.1 US 19 BUSINESS (WEAVERVILLE HIGHWAY) AT SR 1740 (NEW STOCK ROAD). \$432,247.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$30,000.00

**NCDOT NOVEMBER 2022 BOARD OF TRANSPORTATION AGENDA  
APPROVAL OF STRATEGIC TRANSPORTATION INVESTMENT FUNDS**

<b>TOWN / COUNTY DIVISION PROJ. CATEGORY</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
BUNCOMBE CO. DIV. 13 U-6046 REGIONAL	WBS 46992.1.1 NC 81 (SWANNANOA RIVER ROAD) FROM US 70 (TUNNEL ROAD) TO US 74 (SOUTH TUNNEL ROAD). \$843,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED. WBS WILL BE CLOSED.	\$6,909.47
BUNCOMBE CO. DIV. 13 U-6230 DIVISION	WBS 48926.1.1 CONSTRUCT ACCESS ROAD FOR HAAKON INDUSTRIES IN ENKA COMMERCE PARK. \$247,564.80 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. FUNDS NEED TO BE DECREASED (\$247,564.80). WBS WILL BE CLOSED.	(\$247,564.80)
HAYWOOD CO. DIV. 14 B-3186WM STATEWIDE	WBS 38332.4.1 MITIGATION FOR SFY 2023 FOR B-3186. INITIAL FUNDS ARE REQUESTED FOR WETLAND MITIGATION.	\$32,500.00
HAYWOOD CO. DIV. 14 B-6054C STATEWIDE	WBS 49070.2.3 REPLACE BRIDGE #171 OVER SR 1338 (WHITE OAK ROAD) AND JONATHAN CREEK ON I-40. \$25,482.00 HAS PREVIOUSLY BEEN APPROVED FOR FULL RIGHT OF WAY. ADDITIONAL FUNDS ARE REQUESTED.	\$22,000.00
HENDERSON CO. DIV. 14 R-2588B DIVISION	WBS 34473.2.6 NC 191 FROM SR 1381 (MOUNTAIN ROAD) TO NC 280 SOUTH OF MILLS RIVER \$5,000,000.00 HAS PREVIOUSLY BEEN APPROVED FOR FULL RIGHT OF WAY. ADDITIONAL FUNDS ARE REQUESTED. THIS IS A <b>CASH FLOW</b> PROJECT WITH \$2,600,000.00 IN SFY 23 AND \$1,900,000.00 IN SFY 24.	\$4,500,000.00
TRANSYLVANIA CO. DIV. 14 R-5799 REGIONAL	WBS 44984.1.1 INTERSECTION OF US 64 WITH US 276 AND NC 280. \$2,515,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$100,000.00

**NCDOT NOVEMBER 2022 BOARD OF TRANSPORTATION AGENDA  
APPROVAL OF STRATEGIC TRANSPORTATION INVESTMENT FUNDS**

<b>TOWN / COUNTY DIVISION PROJ. CATEGORY</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
CHEROKEE CO. DIV. 14 R-5861 DIVISION	WBS 47427.2.1 US 19/129 FROM GEORGIA STATE LINE TO US 64. \$2,500,000.00 HAS PREVIOUSLY BEEN APPROVED FOR FULL RIGHT OF WAY. ADDITIONAL FUNDS ARE REQUESTED.	\$3,000,000.00
CLAY CO. DIV. 14 R-5863 DIVISION	WBS 47516.2.1 US 64 BUSINESS FROM US 64 TO SR 1307 (MAIN STREET). \$1,263,000.00 HAS PREVIOUSLY BEEN APPROVED FOR FULL RIGHT OF WAY AND UTILITIES. ADDITIONAL FUNDS ARE REQUESTED.	\$250,000.00
HENDERSON CO. DIV. 14 U-5886 DIVISION	WBS 44710.2.1 SR 1170 (WHITE STREET) FROM SR 1171 (WILLOW ROAD) TO US 176 (SPARTANBURG HIGHWAY). \$2,000.00 HAS PREVIOUSLY BEEN APPROVED FOR FULL RIGHT OF WAY. ADDITIONAL FUNDS ARE REQUESTED. THIS IS A <b>CASH FLOW</b> PROJECT WITH \$1,447,742.00 IN SFY 23, \$5,790,968.00 IN SFY 24, \$5,790,968.00 IN SFY 25, \$1,930,322.00 IN SFY 26 AND \$3,740,000.00 IN SFY 27.	\$18,700,000.00
HENDERSON CO. DIV. 14 U-5886 DIVISION	WBS 44710.2.2 SR 1170 (WHITE STREET) FROM SR 1171 (WILLOW ROAD) TO US 176 (SPARTANBURG HIGHWAY). INITIAL FUNDS ARE REQUESTED FOR UTILITIES.	\$2,600,000.00
HENDERSON CO. DIV. 14 U-6049 REGIONAL	WBS 46995.2.1 NC 225 (SOUTH MAIN STREET) FROM SOUTH MAIN STREET AT SOUTH KING STREET TO US 176. \$10,000.00 HAS PREVIOUSLY BEEN APPROVED FOR FULL RIGHT OF WAY. ADDITIONAL FUNDS ARE REQUESTED. THIS IS A <b>CASH FLOW</b> PROJECT WITH \$263,226.00 IN SFY 23, \$1,052,903.00 IN SFY 24, \$1,052,903.00 IN SFY 25, \$350,968.00 IN SFY 26 AND \$680,000.00 IN SFY 27.	\$3,400,000.00

**NCDOT NOVEMBER 2022 BOARD OF TRANSPORTATION AGENDA  
APPROVAL OF STRATEGIC TRANSPORTATION INVESTMENT FUNDS**

<b>TOWN / COUNTY DIVISION PROJ. CATEGORY</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
HENDERSON CO. DIV. 14 U-6049 REGIONAL	WBS 46995.2.2 NC 225 (SOUTH MAIN STREET) FROM SOUTH MAIN STREET AT SOUTH KING STREET TO US 176. INITIAL FUNDS ARE REQUESTED FOR UTILITIES.	\$400,000.00
STATEWIDE  M-0194 STATEWIDE	WBS 34263.1.1 FEASIBILITY STUDIES BY DIVISION OF PLANNING AND PROGRAMMING. \$105,825,381.00 HAS PREVIOUSLY BEEN APPROVED FOR FEASIBILITY STUDIES. ADDITIONAL FUNDS ARE REQUESTED. <b>THIS PROJECT HAS PREVIOUSLY BEEN IDENTIFIED AS A TRUST FUND SPECIFIC STATE FUNDS FOR CONSTRUCTION PROJECT.</b>	\$5,000,000.00
<b>DIVISION STRATEGIC TRANSPORTATION INVESTMENTS</b>	<b>44 PROJECTS</b>	<b>\$62,913,868.13</b>
<b>REG/DIV STRATEGIC TRANSPORTATION INVESTMENTS</b>	<b>2 PROJECTS</b>	<b>\$185,000.00</b>
<b>REGIONAL STRATEGIC TRANSPORTATION INVESTMENTS</b>	<b>47 PROJECTS</b>	<b>\$296,722,748.12</b>
<b>STATEWIDE STRATEGIC TRANSPORTATION INVESTMENTS</b>	<b>36 PROJECTS</b>	<b>\$219,727,102.39</b>
<b>REG/BA STRATEGIC TRANSPORTATION INVESTMENTS</b>	<b>1 PROJECT</b>	<b>\$15,401,000.00</b>
<b>STRATEGIC TRANSPORTATION INVESTMENTS</b>	<b>130 PROJECTS</b>	<b>\$594,949,718.64</b>

\*\*\*Correction and resubmission from October 6, 2022 Board Approval (Page K-8) As reads:

ORANGE CO.	WBS 50236.3.1	\$735.98
DIV. 7	SR 1772 (GREENSBORO STREET) AT SR 1780 (ESTES DRIVE)	
U-5846	IN CARRBORO. \$4,710,625.00 HAS PREVIOUSLY BEEN	
DIVISION	APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE	
	REQUESTED. WBS WILL BE CLOSED.	

\*\*\*The correction should be:

ORANGE CO.	WBS 50236.3.1	\$735.98
DIV. 7	SR 1772 (GREENSBORO STREET) AT SR 1780 (ESTES DRIVE)	
U-5846	IN CARRBORO. \$4,710,625.00 HAS PREVIOUSLY BEEN	
DIVISION	APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE	
	REQUESTED.	



**NCDOT NOVEMBER 2022 BOARD OF TRANSPORTATION AGENDA  
APPROVAL OF FUNDS FOR SPECIFIC SPOT SAFETY IMPROVEMENT PROJECTS  
AND FOR SPECIFIC SPOT MOBILITY PROJECTS**

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**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.</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
LENOIR CO. DIV. 2 SS-6202C	WBS 50291 NC 148 (C.F. HARVEY PARKWAY) AT SR 1572 (ROUSE ROAD); SR 1575 (POOLE ROAD); AND, SR 1578 (AIRPORT ROAD). \$83,000.00 IN SPOT SAFETY FUNDS HAS PREVIOUSLY BEEN APPROVED FOR SHOULDER MOUNTED BE PREPARED TO STOP SIGN AND FLASHER ASSEMBLIES INSTALLATION. ADDITIONAL FUNDS ARE NEEDED DUE TO INCREASED CONSTRUCTION COSTS. FILE 02-21-65794-1	\$20,000.00
CONETOE / EDGEcombe CO. DIV. 4 SS-6004AQ	WBS 49669.1.1 US 64 ALTERNATE (CANAL STREET) AT NC 42 (CHURCH STREET). \$7,727.48 IN SPOT SAFETY PRELIMINARY ENGINEERING FUNDS HAS PREVIOUSLY BEEN APPROVED FOR AN ALL WAY STOP INSTALLATION, OVERHEAD FLASHERS REVISIONS, AND PAVEMENT MARKING UPGRADES. ADDITIONAL FUNDS ARE NEEDED DUE TO INCREASED PRELIMINARY ENGINEERING COSTS. INCREASE FUNDS AND CLOSE. FILE 04-20-62581-2	\$733.50
NASH CO. DIV. 4 SS-6004AR	WBS 49670.1.1 SR 1603 (OLD CARRIAGE ROAD) AT SR 1717 (WEST MOUNT DRIVE). \$7,858.43 IN SPOT SAFETY PRELIMINARY ENGINEERING FUNDS HAS PREVIOUSLY BEEN APPROVED FOR AN ALL WAY STOP INSTALLATION WITH NEW SIGN- MOUNTED FLASHERS. ADDITIONAL FUNDS ARE NEEDED DUE TO INCREASED PRELIMINARY ENGINEERING COSTS. INCREASE FUNDS AND CLOSE. FILE 04-20-61723-2	\$733.50

**NCDOT NOVEMBER 2022 BOARD OF TRANSPORTATION AGENDA  
APPROVAL OF FUNDS FOR SPECIFIC SPOT SAFETY IMPROVEMENT PROJECTS  
AND FOR SPECIFIC SPOT MOBILITY PROJECTS**

L-2

**ACCORDING TO EXECUTIVE ORDER NO. 2 AND G.S. 143B-350(G) THE BOARD IS REQUESTED TO  
CONCUR WITH STAFF RECOMMENDATIONS AND DELEGATE AUTHORITY TO THE SECRETARY TO  
APPROVE FUNDS FOR SPECIFIC SPOT SAFETY AND SPOT MOBILITY IMPROVEMENT PROJECTS**

<b>TOWN / COUNTY DIVISION PROJ.</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
NASH CO. DIV. 4 SS-6004Y	WBS 49401.1.1 NC 33/SR 1500 (SWIFT CREEK SCHOOL ROAD) AT NC 4/NC 48; AND NC 33 AT SR 1510 (WATSON SEED FARM ROAD). \$15,345.06 IN SPOT SAFETY PRELIMINARY ENGINEERING FUNDS HAS PREVIOUSLY BEEN APPROVED FOR ALL WAY STOP INSTALLATIONS. ADDITIONAL FUNDS ARE NEEDED DUE TO INCREASED PRELIMINARY ENGINEERING COSTS. INCREASE FUNDS AND CLOSE. FILE 04-20-61405-2	\$901.71
DIVISIONWIDE CO. DIV. 5 SM-5705N	WBS 47902.3.1 DIV. 5 SCHOOL REIMBURSEMENT - FUNDS TO PROVIDE REIMBURSEMENTS FOR ROAD IMPROVEMENTS ADJACENT TO SCHOOLS PER GS 136-18(29A). \$4,624,236.84 IN SPOT MOBILITY CONSTRUCTION FUNDS HAS PREVIOUSLY BEEN APPROVED. ADDITIONAL FUNDS ARE NEEDED DUE TO ADDITIONAL REIMBURSEMENTS. FILE 05-18-001-4	\$300,000.00
WAKE CO. DIV. 5 SS-6005A	WBS 48839.3.1 NC 42 FROM SR 5330 TO SR 5367; AND NC 42 AT SR 2727 (SAULS ROAD). \$366,000.00 IN SPOT SAFETY CONSTRUCTION FUNDS HAS PREVIOUSLY BEEN APPROVED FOR A THREE- LANE CROSS SECTION INSTALLATION AND TURN LANE CONSTRUCTION. TRANSFER \$366,000 FROM SS-6005A (48839.3.1) TO W-5601EX (50138.3.155) FOR THE STATE FUND MATCH NEEDED, AND THEN CLOSE 48839.3.1. FILE 05-14-8133-3	\$0.00

**NCDOT NOVEMBER 2022 BOARD OF TRANSPORTATION AGENDA  
APPROVAL OF FUNDS FOR SPECIFIC SPOT SAFETY IMPROVEMENT PROJECTS  
AND FOR SPECIFIC SPOT MOBILITY PROJECTS**

L-3

**ACCORDING TO EXECUTIVE ORDER NO. 2 AND G.S. 143B-350(G) THE BOARD IS REQUESTED TO  
CONCUR WITH STAFF RECOMMENDATIONS AND DELEGATE AUTHORITY TO THE SECRETARY TO  
APPROVE FUNDS FOR SPECIFIC SPOT SAFETY AND SPOT MOBILITY IMPROVEMENT PROJECTS**

<b>TOWN / COUNTY DIVISION PROJ.</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
FAYETTEVILLE / CUMBERLAND CO. DIV. 6 SS-6006Q	WBS 49262.3.1 SR 1168 (WHITFIELD STREET) AT CAMDEN ROAD. \$278,100.00 IN SPOT SAFETY CONSTRUCTION FUNDS HAS PREVIOUSLY BEEN APPROVED FOR MINI ROUNDABOUT CONSTRUCTION AND PEDESTRIAN ACCOMMODATIONS. ADDITIONAL FUNDS ARE NEEDED DUE TO INCREASED CONSTRUCTION COSTS. FILE 06-19-57623-1	\$89,900.00
DIVISIONWIDE CO. DIV. 10 SM-5710K	WBS 48717.3.1 DIV. 10 SCHOOL REIMBURSEMENT - FUNDS TO PROVIDE REIMBURSEMENTS FOR ROAD IMPROVEMENTS ADJACENT TO SCHOOLS PER GS 136-18(29A). \$5,066,819.47 IN SPOT MOBILITY CONSTRUCTION FUNDS HAS PREVIOUSLY BEEN APPROVED TO PROVIDE REIMBURSEMENTS FOR ROAD IMPROVEMENTS ADJACENT TO SCHOOLS PER GS 136-18 (29A). ADDITIONAL FUNDS ARE NEEDED DUE TO ADDITIONAL REIMBURSEMENTS. FILE 10-19-001-5	\$1,450,000.00
CHARLOTTE / MECKLENBURG CO. DIV. 10 SS-6010AU	WBS 49830.3.1 US 74 (INDEPENDENCE BOULEVARD) AND BRIAR CREEK ROAD AT THE PARK. \$95,539.74 IN SPOT SAFETY CONSTRUCTION FUNDS HAS PREVIOUSLY BEEN APPROVED FOR SPEED ADVISORY SIGNS, DELINEATOR POSTS, STROBES, AND PAVEMENT MARKINGS. ADDITIONAL FUNDS ARE NEEDED DUE TO AN INCREASE IN CONSTRUCTION COSTS. FILE 10-21-205-4	\$21,500.00
<b>ITEM L SUMMARY</b>	<b>9 PROJECTS</b>	<b>\$1,883,768.71</b>

**NOVEMBER 3, 2022**



**NCDOT NOVEMBER 2022 BOARD OF TRANSPORTATION AGENDA  
APPROVAL OF FUNDS FOR SPECIFIC FEDERAL - AID PROJECTS**

<b>TOWN / COUNTY PROJ. CATEGORY</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
<b>DIVISION 1</b>		
DARE CO. B-5014D REGIONAL	WBS 41470.3.5, FEDERAL NO. NHPP-0012(58) BRIDGE #11 OVER THE OREGON INLET ON NC 12. \$2,525,373.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. FUNDS NEED TO BE DECREASED (\$909,326.00), WORK ASSOCIATED WITH THIS WBS IS COMPLETE. THIS WBS WILL BE CLOSED.	(\$909,326.00) Cost (\$727,461.00) Fed. (\$181,865.00) State
BERTIE CO. B-5141 EXEMPT	WBS 42302.2.1, FEDERAL NO. BRNHS-0013(25) REPLACE BRIDGE #53 OVER WHITE OAK SWAMP ON US 13. \$177,000.00 HAS PREVIOUSLY BEEN APPROVED FOR RIGHT OF WAY AND UTILITIES. FUNDS NEED TO BE DECREASED (\$169,555.00). WORK ASSOCIATED WITH THIS WBS IS COMPLETE. THIS WBS WILL BE CLOSED. THIS IS A STRATEGIC TRANSPORTATION INVESTMENTS TRANSITION PROJECT.	(\$169,555.00) Cost (\$135,644.00) Fed. (\$33,911.00) State
DARE CO. F-5700 DIVISION	WBS 52016.3.1, FEDERAL NO. FF-0012(064) NC 12. CONSTRUCT RIVER CLASS FERRY. \$17,126,480.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. FUNDS NEED TO BE DECREASED (\$1,054,215.00). WORK ASSOCIATED WITH THIS WBS IS COMPLETE. THIS WBS WILL BE CLOSED.	(\$1,054,215.00) Cost (\$843,373.00) Fed. (\$210,842.00) State
CURRITUCK CO. HS-2001F REGIONAL	WBS 49296.1.7, FEDERAL NO. 0058028 INTERSECTION OF US 158 AND EDGEWATER ROAD. FUNDS ARE NEEDED FOR PRELIMINARY ENGINEERING.	\$200,000.00 Cost \$180,000.00 Fed. \$20,000.00 State
HERTFORD, NORTHAMPTON COS. W-5701B REGIONAL	WBS 44847.1.2, FEDERAL NO. HSIP-0158(074) US 158 BETWEEN US 258/US 158 BUSINESS AND NC 11 NEAR MURFREESBORO. \$500,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE NEEDED FOR ENVIRONMENTAL AND HISTORICAL AND ARCHAEOLOGICAL REVIEWS.	\$60,000.00 Cost \$54,000.00 Fed. \$6,000.00 State

**NCDOT NOVEMBER 2022 BOARD OF TRANSPORTATION AGENDA  
APPROVAL OF FUNDS FOR SPECIFIC FEDERAL - AID PROJECTS**

<b>TOWN / COUNTY PROJ. CATEGORY</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
<b>DIVISION 2</b>		
LENOIR CO. HS-2002K REGIONAL	WBS 49300.2.15, FEDERAL NO. 0011046 NC 11 AT SR 1716 (HARVEY ROUSE ROAD), NC 11 AT NC 118/SR 1091(GRIFTON-HUGO ROAD) AND NC 11 AT SR 1714 (CREEK ROAD). FUNDS ARE NEEDED FOR UTILITY RELOCATION.	\$80,000.00 Cost \$72,000.00 Fed. \$8,000.00 State
BEAUFORT CO. W-5702G REGIONAL	WBS 44848.1.7, FEDERAL NO. HSIP-0264(064) US 264 BETWEEN 0.45 MILE EAST OF AFLEN LANE TO 0.45 MILE WEST OF NC 32 NEAR BEAUFORT COUNTY COMMUNITY COLLEGE IN WASHINGTON. \$335,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$10,000.00 Cost \$9,000.00 Fed. \$1,000.00 State
BEAUFORT CO. W-5702I REGIONAL	WBS 44848.2.9, FEDERAL NO. HSIP-0264(065) US 264 AT NC 32. \$295,000.00 HAS PREVIOUSLY BEEN APPROVED FOR RIGHT OF WAY AND UTILITIES. ADDITIONAL FUNDS ARE REQUESTED.	\$446,000.00 Cost \$401,400.00 Fed. \$44,600.00 State

**NCDOT NOVEMBER 2022 BOARD OF TRANSPORTATION AGENDA  
APPROVAL OF FUNDS FOR SPECIFIC FEDERAL - AID PROJECTS**

<b>TOWN / COUNTY PROJ. CATEGORY</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
<b>DIVISION 3</b>		
SAMPSON CO. B-6049 DIVISION	WBS 48324.2.1, FEDERAL NO. BRZ-1206(011) REPLACE BRIDGE #72 OVER GREAT COHARIE CREEK ON SR 1206. FUNDS ARE NEEDED FOR FULL RIGHT OF WAY.	\$340,000.00 Cost \$272,000.00 Fed. \$68,000.00 State
NEW HANOVER CO. EB-5600 DIVISION	WBS 56000.1.1, FEDERAL NO. STPEB-1219(5) SR 1219 (SOUTH 17TH STREET) FROM HARBOUR DRIVE TO SHIPYARD BOULEVARD IN WILMINGTON. FUNDS ARE NEEDED FOR PRELIMINARY ENGINEERING.	\$320,250.00 Cost \$256,200.00 Fed. \$64,050.00 Local
NEW HANOVER CO. EB-6039 DIVISION	WBS 48928.1.1, FEDERAL NO. 0332148 CONSTRUCT BIKE LANES ALONG ST. JOSEPH AVENUE AND LEWIS DRIVE FROM LAKEPARK BOULEVARD TO ACCESS DRIVE IN CAROLINA BEACH. FUNDS ARE NEEDED FOR PRELIMINARY ENGINEERING.	\$410,564.00 Cost \$328,451.00 Fed. \$82,113.00 Local
DUPLIN, PENDER COS. I-5940 STATEWIDE	WBS 45883.3.GV1, FEDERAL NO. STBGIM-0040(075) I-40 FROM EAST OF THE DUPLIN COUNTY LINE (MILE MARKER 360) TO WEST OF US 117 (MILE MARKER 389.5). \$36,659,499.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$1,500,000.00 Cost \$1,200,000.00 Fed. \$300,000.00 State
NEW HANOVER CO. W-5703O STATEWIDE	WBS 44849.1.15, FEDERAL NO. HSIP-0117(046) US 117/NC 132 (SOUTH COLLEGE ROAD) AT SR 1272 (NEW CENTRE DRIVE). \$3,500.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$10,200.00 Cost \$9,180.00 Fed. \$1,020.00 State

**NCDOT NOVEMBER 2022 BOARD OF TRANSPORTATION AGENDA  
APPROVAL OF FUNDS FOR SPECIFIC FEDERAL - AID PROJECTS**

<b>TOWN / COUNTY PROJ. CATEGORY</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
<b>DIVISION 3</b>		
DUPLIN CO. Y-5500CB DIVISION	WBS 45533.3.10, FEDERAL NO. RR-0332(134) PERMANENT RAILROAD CROSSING CLOSURE AT PLANK STREET CROSSING #628 893, AND SIGNAL WORK AT DUDLEY STREET CROSSING #642 710K IN WARSAW. \$423,226.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE REQUESTED.	\$19,000.00 Cost \$15,200.00 Fed. \$3,800.00 State



**NCDOT NOVEMBER 2022 BOARD OF TRANSPORTATION AGENDA  
APPROVAL OF FUNDS FOR SPECIFIC FEDERAL - AID PROJECTS**

<b>TOWN / COUNTY PROJ. CATEGORY</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
<b>DIVISION 4</b>		
NASH CO. B-5947 REGIONAL	WBS 45983.3.1, FEDERAL NO. 0581032 REPLACE BRIDGE #91 OVER THE TAR RIVER ON NC 581. FUNDS ARE NEEDED FOR CONSTRUCTION BASED ON THE ESTIMATE FROM THE 12-MONTH TENTATIVE LETTING LIST. THIS IS A THREE-YEAR CASH FLOW PROJECT WITH FEDERAL FUNDS OF \$51,200.00 IN FY23, \$3,917,600.00 IN FY24, AND \$1,151,200.00 IN FY25 AND STATE MATCH OF \$12,800.00 IN FY23, \$979,400.00 IN FY24, AND \$287,800.00 IN FY25.	\$6,400,000.00 Cost \$5,120,000.00 Fed. \$1,280,000.00 State
HALIFAX CO. I-5932B STATEWIDE	WBS 45873.3.3, FEDERAL NO. NHPIM-0095(061) I-95 FROM NC 481 (MILE MARKER 154) TO NC 561 (MILE MARKER 160). \$7,071,790.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE NEEDED FOR CONSTRUCTION.	\$751,106.00 Cost \$600,885.00 Fed. \$150,221.00 State
WILSON CO. U-5935 REGIONAL	WBS 44795.3.1, FEDERAL NO. STBG-0301(041) US 301 FROM SR 1670 (PENDER STREET) TO SR 1515 (LIPSCOMB ROAD). \$20,879,743.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. FUNDS NEED TO BE DECREASED (\$2,833,500.00). WORK ASSOCIATED WITH THIS WBS IS COMPLETE. THIS WBS WILL BE CLOSED.	(\$2,833,500.00) Cost (\$2,545,829.00) Fed. (\$287,671.00) State

**NCDOT NOVEMBER 2022 BOARD OF TRANSPORTATION AGENDA  
APPROVAL OF FUNDS FOR SPECIFIC FEDERAL - AID PROJECTS**

<b>TOWN / COUNTY PROJ. CATEGORY</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
<b>DIVISION 5</b>		
WAKE CO. B-4946 EXEMPT	WBS 39978.2.1, FEDERAL NO. BRSTP-0070(103) REPLACE BRIDGE #251 OVER US 401 ON US 70/NC 50. \$500,000.00 HAS PREVIOUSLY BEEN APPROVED FOR RIGHT OF WAY AND UTILITIES. FUNDS NEED TO BE DECREASED (\$471,579.00). WORK ASSOCIATED WITH THIS WBS IS COMPLETE. THIS WBS WILL BE CLOSED.	(\$471,579.00) Cost (\$377,264.00) Fed. (\$94,315.00) State
WAKE CO. B-4946 EXEMPT	WBS 39978.3.1, FEDERAL NO. BRSTP-0070(103) REPLACE BRIDGE #251 OVER US 401 ON US 70/NC 50. \$2,800,000.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. FUNDS NEED TO BE DECREASED (\$124,578.00). WORK ASSOCIATED WITH THIS WBS IS COMPLETE. THIS WBS WILL BE CLOSED.	(\$124,578.00) Cost (\$99,663.00) Fed. (\$24,915.00) State
WAKE CO. B-5130 DIVISION	WBS 42289.1.1, FEDERAL NO. BRZ-1321(4) REPLACE BRIDGE #318 OVER LAKE JOHNSON ON SR 1321. \$1,263,788.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$50,000.00 Cost \$40,000.00 Fed. \$10,000.00 State
WAKE CO. B-5237 DIVISION	WBS 42838.1.1, FEDERAL NO. BRZ-2703(1) REPLACE BRIDGE #248 OVER MAHLER'S CREEK ON SR 2703. \$753,811.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$50,000.00 Cost \$40,000.00 Fed. \$10,000.00 State
GRANVILLE CO. B-5320 DIVISION	WBS 46034.3.1, FEDERAL NO. BRZ-1139(4) REPLACE BRIDGE #96 OVER THE TAR RIVER ON SR 1139. \$1,865,716.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$75,000.00 Cost \$60,000.00 Fed. \$15,000.00 State

**NCDOT NOVEMBER 2022 BOARD OF TRANSPORTATION AGENDA  
APPROVAL OF FUNDS FOR SPECIFIC FEDERAL - AID PROJECTS**

<b>TOWN / COUNTY PROJ. CATEGORY</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
<b>DIVISION 5</b>		
WAKE CO. B-5326 DIVISION	WBS 46040.1.1, FEDERAL NO. BRZ-2555(1) REPLACE BRIDGE #247 OVER WHITE OAK CREEK ON SR 2555. \$906,950.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$125,000.00 Cost \$100,000.00 Fed. \$25,000.00 State
WAKE CO. BL-0026 DIVISION	WBS 49610.1.1, FEDERAL NO. 0517015 O'KELLY CHAPEL ROAD FROM THE CSX RAILROAD TO SR 2153 (LOUIS STEPHENS DRIVE) IN RESEARCH TRIANGLE PARK. \$225,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$105,597.00 Cost \$84,477.00 Fed. \$21,120.00 Local
WAKE CO. BL-0049 EXEMPT	WBS 50273.1.1, FEDERAL NO. 1632002 SR 1632 (LOUIS STEPHENS DRIVE) FROM GRAY MARBLE ROAD TO ADDENBROCK DRIVE IN MORRISVILLE AND THE NORTHEAST CORNER OF LOUIS STEPHENS DRIVE AND MCCRIMMON PARKWAY. FUNDS ARE NEEDED FOR PRELIMINARY ENGINEERING.	\$10,000.00 Cost \$7,000.00 Fed. \$3,000.00 Local
WAKE CO. BL-0054 DIVISION	WBS 50277.1.1, FEDERAL NO. 2768004 SR 2768 (SOUTHEAST JUDD PARKWAY) FROM SOUTH OF LOGAN MEADOW COURT TO NORTH OF OLDWYCK DRIVE IN FUQUAY-VARINA. FUNDS ARE NEEDED FOR PRELIMINARY ENGINEERING.	\$59,467.00 Cost \$47,573.00 Fed. \$11,894.00 Local
DURHAM, GRANVILLE COS. HI-0001 STATEWIDE	WBS 49634.3.1, FEDERAL NO. 0085064 I-85/US 15 FROM NORTH OF SR 1637 (REDWOOD ROAD) IN DURHAM COUNTY TO SOUTH OF US 15/SR 1100 (GATE ONE ROAD) IN GRANVILLE COUNTY. \$3,450,000.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE REQUESTED.	\$215,000.00 Cost \$172,000.00 Fed. \$43,000.00 State

**NCDOT NOVEMBER 2022 BOARD OF TRANSPORTATION AGENDA  
APPROVAL OF FUNDS FOR SPECIFIC FEDERAL - AID PROJECTS**

<b>TOWN / COUNTY PROJ. CATEGORY</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
<b>DIVISION 5</b>		
WAKE CO. HL-0030 DIVISION	WBS 49615.2.1, FEDERAL NO. 1152015 SOUTH MAIN STREET FROM SR 1152 (HOLLY SPRINGS ROAD) TO EARP STREET IN HOLLY SPRINGS. FUNDS ARE NEEDED FOR FULL RIGHT OF WAY.	\$202,500.00 Cost \$131,625.00 Fed. \$70,875.00 Local
WAKE CO. HL-0030 DIVISION	WBS 49615.2.2, FEDERAL NO. 1152015 SOUTH MAIN STREET FROM SR 1152 (HOLLY SPRINGS ROAD) TO EARP STREET IN HOLLY SPRINGS. FUNDS ARE NEEDED FOR UTILITY RELOCATION.	\$510,000.00 Cost \$331,500.00 Fed. \$178,500.00 Local
WAKE CO. HL-0052 DIVISION	WBS 50280.1.1, FEDERAL NO. 0520132 BLUE RIDGE ROAD FROM HOMEWOOD BANKS DRIVE TO CRABTREE VALLEY AVENUE IN RALEIGH. FUNDS ARE NEEDED FOR PRELIMINARY ENGINEERING.	\$30,000.00 Cost \$24,000.00 Fed. \$6,000.00 Local
WAKE CO. I-5997 STATEWIDE	WBS 47952.3.1, FEDERAL NO. 0440024 I-440/US 1 FROM WEST OF LAKE BOONE TRAIL TO EAST OF SR 2000 (WAKE FOREST ROAD) IN RALEIGH. \$23,100,000.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. FUNDS NEED TO BE INCREASED \$7,245,335.00 TO REFLECT THE LOW BID RECEIVED.	\$7,245,335.00 Cost \$5,796,268.00 Fed. \$1,449,067.00 State
WAKE CO. U-6242 DIVISION	WBS 49184.2.1, FEDERAL NO. 3555004 SR 2015 (DIXIE FOREST ROAD)/SR 3555 (OLD WAKE FOREST ROAD) FROM SR 2015/SR 2041 (SPRING FOREST ROAD) TO US 1 (CAPITAL BOULEVARD) IN RALEIGH. FUNDS ARE NEEDED FOR RIGHT OF WAY.	\$1,868,280.00 Cost \$1,494,624.00 Fed. \$373,656.00 Local
WAKE CO. U-6242 DIVISION	WBS 49184.2.2, FEDERAL NO. 3555004 SR 2015 (DIXIE FOREST ROAD)/SR 3555 (OLD WAKE FOREST ROAD) FROM SR 2015/SR 2041 (SPRING FOREST ROAD) TO US 1 (CAPITAL BOULEVARD) IN RALEIGH. FUNDS ARE NEEDED FOR UTILITY RELOCATION.	\$1,285,427.00 Cost \$1,028,341.00 Fed. \$257,086.00 Local

**NCDOT NOVEMBER 2022 BOARD OF TRANSPORTATION AGENDA  
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<b>TOWN / COUNTY PROJ. CATEGORY</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
<b>DIVISION 5</b>		
WAKE CO. W-5601FCA DIVISION	WBS 50138.1.160, FEDERAL NO. HSIP-1657(003) SR 1657 (NOWELL ROAD) AT SR 5808 (HILLSBOROUGH STREET). \$34,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$50,000.00 Cost \$45,000.00 Fed. \$5,000.00 State
WAKE CO. W-5601HP DIVISION	WBS 50138.1.225, FEDERAL NO. HSIP-1375(006) SR 1375 (LAKE WHEELER ROAD) AT SR 1390 (OPTIMIST FARM ROAD)/SR 1503 (DONNYBROOK ROAD). \$104,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$22,000.00 Cost \$19,800.00 Fed. \$2,200.00 State
DURHAM CO. W-5705AM DIVISION	WBS 44851.1.39, FEDERAL NO. 1445010 TRAFFIC SIGNAL REVISIONS AT 6 LOCATIONS IN DURHAM. \$18,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$42,000.00 Cost \$37,800.00 Fed. \$4,200.00 State

**NCDOT NOVEMBER 2022 BOARD OF TRANSPORTATION AGENDA  
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<b>TOWN / COUNTY PROJ. CATEGORY</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
<b>DIVISION 6</b>		
CUMBERLAND CO. B-4491 REGIONAL	WBS 38389.1.1, FEDERAL NO. BRSTP-0059(005) REPLACE BRIDGE #22 OVER I-95 BUSINESS/US 301 ON NC 59. \$2,486,364.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State
ROBESON CO. B-6007 DIVISION	WBS 48202.3.1, FEDERAL NO. BRZ-2269(002) REPLACE BRIDGE #108 OVER INDIAN SWAMP ON SR 2269. \$3,409,046.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$75,000.00 Cost \$60,000.00 Fed. \$15,000.00 State
ROBESON CO. R-5751 REGIONAL	WBS 53087.1.1, FEDERAL NO. NHP-0074(203) US 74 AT NC 72/130. \$2,188,643.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. FUNDS NEED TO BE DECREASED (\$172,369.00). WORK ASSOCIATED WITH THIS WBS IS COMPLETE. THIS WBS WILL BE CLOSED.	(\$172,369.00) Cost (\$137,896.00) Fed. (\$34,473.00) State
CUMBERLAND CO. W-5206U DIVISION	WBS 45336.3.FD21, FEDERAL NO. HRRR-2238(1) SR 2238 (SAND HILL ROAD) AT SR 2252 (CHICKEN FOOT ROAD). \$6,905,315.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. FUNDS NEED TO BE DECREASED (\$190,415.00). WORK ASSOCIATED WITH THIS WBS IS COMPLETE. THIS WBS WILL BE CLOSED.	(\$190,415.00) Cost (\$152,333.00) Fed. (\$38,082.00) State
CUMBERLAND CO. W-5519(L) REGIONAL	WBS 45849.3.2, FEDERAL NO. 0095070 I-95 BUSINESS/US 301 FROM NC 87 SOUTH TO NC 59. FUNDS ARE NEEDED FOR LANDSCAPING IMPROVEMENTS.	\$110,000.00 Cost \$99,000.00 Fed. \$11,000.00 State

**NCDOT NOVEMBER 2022 BOARD OF TRANSPORTATION AGENDA  
APPROVAL OF FUNDS FOR SPECIFIC FEDERAL - AID PROJECTS**

<b>TOWN / COUNTY PROJ. CATEGORY</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
<b>DIVISION 7</b>		
GUILFORD CO. B-4960 DIVISION	WBS 40153.3.3, FEDERAL NO. BRZ-3058(002) REPLACE BRIDGE #214 OVER LITTLE ALAMANCE CREEK ON SR 3058. \$2,050,000.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$23,263.00 Cost \$18,610.00 Fed. \$4,653.00 State
ROCKINGHAM CO. B-5716 DIVISION	WBS 45672.1.1, FEDERAL NO. BRZ-1138(021) REPLACE BRIDGE #140 OVER THE DAN RIVER ON SR 1138. \$950,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$400,000.00 Cost \$320,000.00 Fed. \$80,000.00 State
GUILFORD CO. C-5558 EXEMPT	WBS 55063.3.F1, FEDERAL NO. CMS-0710(029) CITY OF HIGH POINT SIGNAL SYSTEM. \$9,652,508.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$879,802.00 Cost \$703,841.00 Fed. \$175,961.00 State
GUILFORD CO. R-2309AB EXEMPT	WBS 34418.3.5, FEDERAL NO. STPNHF-0220(025) US 220 FROM SR 2182 (HORSEPEN CREEK ROAD) TO 0.2 MILE NORTH OF SR 2313 (WINFREE ROAD) IN GREENSBORO. \$51,280,777.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET. THIS IS A STRATEGIC TRANSPORTATION INVESTMENTS TRANSITION PROJECT.	\$13,069,252.00 Cost \$10,455,401.00 Fed. \$2,613,851.00 State
GUILFORD CO. R-5787G DIVISION	WBS 44917.3.8, FEDERAL NO. TAP-0708(117) ADA RAMPS (AMERICANS WITH DISABILITIES ACT) FOR AREAS WITH POPULATIONS >5000 IN GUILFORD COUNTY. \$275,000.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE REQUESTED.	\$5,174.00 Cost \$4,139.00 Fed. \$1,035.00 State

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<b>TOWN / COUNTY PROJ. CATEGORY</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
<b>DIVISION 7</b>		
ROCKINGHAM CO. U-3326A EXEMPT	WBS 34924.3.1, FEDERAL NO. STP-029B(2) US 29 BUSINESS (FREEWAY DRIVE) FROM SR 2670 (SOUTH SCALES STREET) TO NORTH OF US 158 (RICHARDSON DRIVE) IN REIDSVILLE. \$72,962,272.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. FUNDS NEED TO BE DECREASED (\$105,205.00). WORK ASSOCIATED WITH THIS WBS IS COMPLETE. THIS WBS WILL BE CLOSED.	(\$105,205.00) Cost (\$20,918.00) Fed. (\$84,287.00) State
GUILFORD CO. U-5169 REGIONAL	WBS 45220.2.1, FEDERAL NO. NHS-0311(32) I-74/US 311 AND NC 68 (EASTCHESTER DRIVE). \$3,192,105.00 HAS PREVIOUSLY BEEN APPROVED FOR RIGHT OF WAY AND UTILITIES. ADDITIONAL FUNDS ARE REQUESTED FOR UTILITY RELOCATION.	\$300,000.00 Cost \$240,000.00 Fed. \$60,000.00 State
GUILFORD CO. U-5169 REGIONAL	WBS 45220.3.1, FEDERAL NO. NHS-0311(032) I-74/US 311 AND NC 68 (EASTCHESTER DRIVE). \$36,416,243.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$7,500,000.00 Cost \$6,000,000.00 Fed. \$1,500,000.00 State



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<b>TOWN / COUNTY PROJ. CATEGORY</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
<b>DIVISION 8</b>		
MOORE CO. BR-0035 REGIONAL	WBS 49073.3.1, FEDERAL NO. 0022015 REPLACE BRIDGE #24 OVER NICKS CREEK ON NC 22. \$4,003,569.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE REQUESTED.	\$103,000.00 Cost \$82,400.00 Fed. \$20,600.00 State

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APPROVAL OF FUNDS FOR SPECIFIC FEDERAL - AID PROJECTS**

<b>TOWN / COUNTY PROJ. CATEGORY</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
<b>DIVISION 9</b>		
ROWAN CO. B-4626 STATEWIDE	WBS 38443.1.FS2, FEDERAL NO. BRNHP-0049(33) REPLACE BRIDGE #3 AND PRESERVATION TREATMENT OF BRIDGE #8 ON NC 8/49 OVER THE YADKIN RIVER AND WINSTON-SALEM SOUTHBOUND RAILROAD. \$1,078,505.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State
FORSYTH CO. B-5770 DIVISION	WBS 45726.2.1, FEDERAL NO. BRSTP-0918(98) REPLACE BRIDGE #243 OVER NC 150 ON SALISBURY RIDGE ROAD IN WINSTON-SALEM. \$1,476,000.00 HAS PREVIOUSLY BEEN APPROVED FOR RIGHT OF WAY. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$50,000.00 Cost \$40,000.00 Fed. \$10,000.00 State
ROWAN CO. B-5772 DIVISION	WBS 45728.3.1, FEDERAL NO. 1724002 REPLACE BRIDGE #66 OVER THE NORFOLK SOUTHERN RAILWAY TRACKS ON SR 1724. \$3,077,150.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State
ROWAN CO. EB-5619A DIVISION	WBS 56033.3.2, FEDERAL NO. 0914038 GRANTS CREEK GREENWAY FROM CATAWBA COLLEGE TO EXISTING GREENWAY IN SALISBURY. \$640,000.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. FUNDS NEED TO BE DECREASED (\$144,392.00). WORK ASSOCIATED WITH THIS WBS IS COMPLETE. THIS WBS WILL BE CLOSED.	(\$144,392.00) Cost (\$144,392.00) Fed.
FORSYTH CO. EB-5960 DIVISION	WBS 48449.1.1, FEDERAL NO. 1101018 SR 1101 (HARPER ROAD) AND SR 1891 (PEACE HAVEN ROAD) SIDEWALK PROJECT IN CLEMMONS. FUNDS ARE NEEDED FOR PRELIMINARY ENGINEERING.	\$125,000.00 Cost \$100,000.00 Fed. \$25,000.00 Local

**NCDOT NOVEMBER 2022 BOARD OF TRANSPORTATION AGENDA  
APPROVAL OF FUNDS FOR SPECIFIC FEDERAL - AID PROJECTS**

<b>TOWN / COUNTY PROJ. CATEGORY</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
<b>DIVISION 9</b>		
DAVIDSON CO. HS-2009B REGIONAL	WBS 49321.2.3, FEDERAL NO. 0064215 US 64 FROM SR 2782 (BOWERS ROAD) TO EAST OF SR 2012/SR 2227 (HEATH CHURCH ROAD/NEW BOWERS ROAD). FUNDS ARE NEEDED FULL RIGHT OF WAY.	\$30,000.00 Cost \$27,000.00 Fed. \$3,000.00 State
DAVIDSON CO. HS-2009B REGIONAL	WBS 49321.2.4, FEDERAL NO. 0064215 US 64 FROM SR 2782 (BOWERS ROAD) TO EAST OF SR 2012/SR 2227 (HEATH CHURCH ROAD/NEW BOWERS ROAD). FUNDS ARE NEEDED FOR UTILITY RELOCATION.	\$20,000.00 Cost \$18,000.00 Fed. \$2,000.00 State
STOKES CO. R-5768 DIVISION	WBS 44670.1.1, FEDERAL NO. STP-0311(035) US 311 (SOUTH MAIN STREET) AT NC 65 AND SR 1928 (STOKESBURG ROAD), AND NC 65 AT NORFOLK SOUTHERN RAIL CROSSING #470 180V IN WALNUTCOVE. \$1,023,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$50,000.00 Cost \$40,000.00 Fed. \$10,000.00 State
STOKES CO. R-5768 DIVISION	WBS 44670.3.1, FEDERAL NO. STP-0311(035) US 311 (SOUTH MAIN STREET) AT NC 65 AND SR 1928 (STOKESBURG ROAD) AND NC 65 AT NORFOLK SOUTHERN RAIL CROSSING #470 180V IN WALNUTCOVE. FUNDS ARE NEEDED FOR CONSTRUCTION BASED ON THE ESTIMATE FROM THE 12-MONTH TENTATIVE LETTING LIST. THIS IS A TWO- YEAR CASH FLOW PROJECT WITH FEDERAL FUNDS OF \$2,588,000.00 IN FY23, \$452,000.00 IN FY24 AND STATE MATCH OF \$647,000.00 IN FY23 AND \$113,000.00 IN FY24.	\$3,800,000.00 Cost \$3,040,000.00 Fed. \$760,000.00 State

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APPROVAL OF FUNDS FOR SPECIFIC FEDERAL - AID PROJECTS**

<b>TOWN / COUNTY PROJ. CATEGORY</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
<b>DIVISION 9</b>		
FORSYTH CO. U-2579D STATEWIDE	WBS 34839.3.GV7, FEDERAL NO. NHP-0074(213) WINSTON-SALEM EASTERN SECTION (FUTURE I-74) FROM US 311 TO SR 2211 (BAUX MOUNTAIN ROAD). \$208,334,167.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$1,100,000.00 Cost \$880,000.00 Fed. \$220,000.00 State
FORSYTH CO. U-4909 EXEMPT	WBS 40278.2.1, FEDERAL NO. STPHPP-2643(3) SR 2643 (UNION CROSS ROAD) FROM SR 2691 (WALLBURG ROAD) TO SR 2632 (SEDGE GARDEN ROAD) IN WINSTON-SALEM. \$55,348,848.00 HAS PREVIOUSLY BEEN APPROVED FOR RIGHT OF WAY AND UTILITIES. FUNDS NEED TO BE DECREASED (\$224,946.00). WORK ASSOCIATED WITH THIS WBS IS COMPLETE. THIS WBS WILL BE CLOSED. THIS IS A STRATEGIC TRANSPORTATION INVESTMENTS TRANSITION PROJECT.	(\$224,946.00) Cost (\$124,800.00) Fed. (\$100,146.00) State

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APPROVAL OF FUNDS FOR SPECIFIC FEDERAL - AID PROJECTS**

<b>TOWN / COUNTY PROJ. CATEGORY</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
<b>DIVISION 10</b>		
CABARRUS CO. B-5808 REGIONAL	WBS 45762.1.1, FEDERAL NO. NHP-0029(062) REPLACE BRIDGES #57 AND #59 OVER IRISH BUFFALO CREEK ON US 29/601. \$920,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State
CABARRUS CO. B-5808 REGIONAL	WBS 45762.2.2, FEDERAL NO. NHP-0029(062) REPLACE BRIDGES #57 AND #59 OVER IRISH BUFFALO CREEK ON US 29/601. \$425,000.00 HAS PREVIOUSLY BEEN APPROVED FOR UTILITY RELOCATION. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$150,000.00 Cost \$120,000.00 Fed. \$30,000.00 State
MECKLENBURG CO. HS-2010B STATEWIDE	WBS 49291.3.2, FEDERAL NO. 0277023 I-277 EXIT IMPROVEMENTS AT OUTER EXIT 1D, INNER EXIT 3A, INNER EXIT 1C, AND OUTER EXIT 2B. \$144,000.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. FUNDS NEED TO BE DECREASED (\$132,337.00). WORK ASSOCIATED WITH THIS WBS IS COMPLETE. THIS WBS WILL BE CLOSED.	(\$132,337.00) Cost (\$119,104.00) Fed. (\$13,233.00) State
MECKLENBURG CO. U-2507A DIVISION	WBS 34811.3.FD5, FEDERAL NO. STPDA-5238(005) SR 2467 (MALLARD CREEK ROAD) FROM SR 2480 (SUGAR CREEK ROAD) TO SR 2665 (HARRIS BOULEVARD) IN CHARLOTTE. \$42,769,815.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE REQUESTED TO COMPLETE THE PHASE OF WORK. THIS IS A STRATEGIC TRANSPORTATION INVESTMENTS TRANSITION PROJECT.	\$15,000.00 Cost \$12,000.00 Fed. \$3,000.00 State

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APPROVAL OF FUNDS FOR SPECIFIC FEDERAL - AID PROJECTS**

<b>TOWN / COUNTY PROJ. CATEGORY</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
<b>DIVISION 10</b>		
UNION CO. W-5601AC REGIONAL	WBS 50138.3.30, FEDERAL NO. HSIP-0075(004) NC 75 (WAXHAW HIGHWAY) AND SR 1007 (ROCKY RIVER ROAD)/SR 1150 (OLD WAXHAW MONROE ROAD) NEAR MONROE. \$1,677,308.00 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.	\$358,427.00 Cost \$322,584.00 Fed. \$35,843.00 State
UNION CO. W-5710AA DIVISION	WBS 44856.1.27, FEDERAL NO. HSIP-1004(067) SR 1004 (LAWYERS ROAD) AT HAWTHORNE DRIVE/ EMERALD LAKE DRIVE IN STALLINGS. \$75,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$12,000.00 Cost \$10,800.00 Fed. \$1,200.00 State
UNION CO. W-5710AA DIVISION	WBS 44856.2.27, FEDERAL NO. HSIP-1004(067) SR 1004 (LAWYERS ROAD) AT HAWTHORNE DRIVE/ EMERALD LAKE DRIVE IN STALLINGS. \$125,000.00 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. WORK ASSOCIATED WITH THIS WBS IS COMPLETE. THIS WBS WILL BE CLOSED.	\$30,000.00 Cost \$27,000.00 Fed. \$3,000.00 State
UNION CO. W-5710AA DIVISION	WBS 44856.3.27, FEDERAL NO. HSIP-1004(067) SR 1004 (LAWYERS ROAD) AT HAWTHORNE DRIVE/ EMERALD LAKE DRIVE IN STALLINGS. \$860,000.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE REQUESTED.	\$440,000.00 Cost \$396,000.00 Fed. \$44,000.00 State

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APPROVAL OF FUNDS FOR SPECIFIC FEDERAL - AID PROJECTS**

<b>TOWN / COUNTY PROJ. CATEGORY</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
<b>DIVISION 10</b>		
UNION CO. Y-5500JC DIVISION	WBS 45533.3.18, FEDERAL NO. 1432008 RAILWAY-HIGHWAY CROSSING CLOSURE AT SR 1432 (TORY PATH ROAD) AND CSX TRANSPORTATION CROSSING #638 898H NEAR WAXHAW. \$6,450,000.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. FUNDS NEED TO BE INCREASED \$434,640.00 TO REFLECT THE LOW BID RECEIVED.	\$434,640.00 Cost \$391,176.00 Fed. \$43,464.00 State

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APPROVAL OF FUNDS FOR SPECIFIC FEDERAL - AID PROJECTS**

<b>TOWN / COUNTY PROJ. CATEGORY</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
<b>DIVISION 11</b>		
WILKES CO. B-4676 DIVISION	WBS 33831.1.1, FEDERAL NO. BRZ-1001(29) REPLACE BRIDGE #29 OVER CUB CREEK ON SR 1001. \$200,825.00 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.	\$517,152.00 Cost \$413,401.00 Fed. \$103,751.00 State
WILKES CO. B-4676 DIVISION	WBS 33831.2.2, FEDERAL NO. BRZ-1001(29) REPLACE BRIDGE #29 OVER CUB CREEK ON SR 1001. \$113,586.00 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. WORK ASSOCIATED WITH THIS WBS IS COMPLETE. THIS WBS WILL BE CLOSED.	\$103,787.00 Cost \$83,029.00 Fed. \$20,758.00 State



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<b>TOWN / COUNTY PROJ. CATEGORY</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
<b>DIVISION 12</b>		
CATAWBA CO. B-5542 DIVISION	WBS 45525.1.F1, FEDERAL NO. HBP-1207(007) CLAREMONT - BUNKER HILL COVERED BRIDGE PRESERVATION HISTORIC BRIDGE PROGRAM GRANT. \$52,084.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$50,000.00 Cost \$40,000.00 Fed. \$10,000.00 State
CLEVELAND CO. B-5849 DIVISION	WBS 45802.1.1, FEDERAL NO. BRZ-1002(048) REPLACE BRIDGE #104 OVER ASHWORTH CREEK ON SR 1002. \$22,516.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State
GASTON CO. B-5961 DIVISION	WBS 47224.3.1, FEDERAL NO. BRZ-1421(004) REPLACE BRIDGE #97 OVER A TRIBUTARY TO MUDDY FORK CREEK ON SR 1421. \$295,000.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE REQUESTED.	\$125,000.00 Cost \$100,000.00 Fed. \$25,000.00 State
GASTON CO. C-5606M EXEMPT	WBS 43728.1.14, FEDERAL NO. 0114003 CONSTRUCT SIDEWALK ALONG NEAL HAWKINS ROAD IN GASTONIA. FUNDS ARE NEEDED FOR PRELIMINARY ENGINEERING.	\$462,000.00 Cost \$369,600.00 Fed. \$92,400.00 Local
CLEVELAND CO. R-2707AB STATEWIDE	WBS 34497.3.FS4, FEDERAL NO. NHF-0074(142) US 74 (SHELBY BYPASS) FROM EAST OF SR 1318 (KIMBRELL ROAD) TO EAST OF SR 1315 (PLATO LEE ROAD). \$44,854,495.00 AS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. FUNDS NEED TO BE DECREASED (\$4,112,801.00). WORK ASSOCIATED WITH THIS WBS IS COMPLETE. THIS WBS WILL BE CLOSED. THIS IS A STRATEGIC TRANSPORTATION INVESTMENTS TRANSITION PROJECT.	(\$4,112,801.00) Cost (\$3,290,239.00) Fed. (\$822,562.00) State

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<b>TOWN / COUNTY PROJ. CATEGORY</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
<b>DIVISION 12</b>		
CLEVELAND CO. R-2707D REGIONAL	WBS 34497.1.FS6, FEDERAL NO. NHS-0074(164) US 74 SHELBY BYPASS FROM EAST OF NC 150 TO EXISTING US 74 WEST OF SR 2238 (LONG BRANCH ROAD). \$7,665,308.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$1,600,000.00 Cost \$1,280,000.00 Fed. \$320,000.00 State
CLEVELAND CO. R-2707E REGIONAL	WBS 34497.1.FS7, FEDERAL NO. NHS-0074(165) US 74 SHELBY BYPASS FROM US 74 WEST OF SR 2238 (LONG BRANCH ROAD) TO WEST OF SR 1001 (STONE POINT ROAD). \$750,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$400,000.00 Cost \$320,000.00 Fed. \$80,000.00 State

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<b>TOWN / COUNTY PROJ. CATEGORY</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
<b>DIVISION 13</b>		
YANCEY CO. B-5864 EXEMPT	WBS 48058.1.1, FEDERAL NO. BRSTP-0080(6) REPLACE BRIDGE #49 OVER BROWN CREEK ON NC 80. \$527,515.00 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 STRATEGIC TRANSPORTATION INVESTMENTS TRANSITION PROJECT.	\$50,000.00 Cost \$40,000.00 Fed. \$10,000.00 State
RUTHERFORD CO. B-5876 STATEWIDE	WBS 48070.1.1, FEDERAL NO. NHP-0074(181) REPLACE BRIDGES #83 AND #84 OVER SECOND BROAD RIVER ON US 74 BYPASS. \$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.	\$700,000.00 Cost \$560,000.00 Fed. \$140,000.00 State
MADISON CO. B-5989 DIVISION	WBS 47845.2.1, FEDERAL NO. BRZ-1395(007) REPLACE BRIDGE #71 OVER BIG LAUREL CREEK ON SR 1395. \$13,000.00 HAS PREVIOUSLY BEEN APPROVED FOR RIGHT OF WAY. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$75,000.00 Cost \$60,000.00 Fed. \$15,000.00 State
RUTHERFORD CO. B-6047 DIVISION	WBS 48390.1.1, FEDERAL NO. BRZ-2125(003) REPLACE BRIDGE #145 OVER FLOYDS CREEK ON SR 2125. \$204,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State

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<b>TOWN / COUNTY PROJ. CATEGORY</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
<b>DIVISION 13</b>		
MCDOWELL CO. R-5964 EXEMPT	WBS 48925.3.1, FEDERAL NO. 1819003 NEW ROUTE. CONSTRUCT ACCESS ROAD TO THE UNIVERSAL TECHNOLOGY CENTER AT MCDOWELL TECHNICAL COMMUNITY COLLEGE IN MARION. \$987,112.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. FUNDS NEED TO BE DECREASED (\$65,000.00) TO ALIGN FUNDING WITH FEDERAL AWARD. THIS IS AN APPALACHIAN DEVELOPMENT PROJECT.	(\$65,000.00) Cost (\$65,000.00) Fed.
BUNCOMBE CO. W-5713L REGIONAL	WBS 44861.1.12, FEDERAL NO. HSIP-0191(017) NC 191 (BREVARD ROAD) AT NC 146 (LONG SHOALS ROAD). \$50,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$52,000.00 Cost \$46,800.00 Fed. \$5,200.00 State
MADISON CO. W-5713N REGIONAL	WBS 44861.3.14, FEDERAL NO. HSIP-0025(042) US 25/70 AT SR 1582 (LONG BRANCH ROAD) NEAR MARSHALL. \$263,000.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$150,000.00 Cost \$135,000.00 Fed. \$15,000.00 State
BUNCOMBE CO. W-5813C DIVISION	WBS 48958.1.4, FEDERAL NO. 1332005 SR 1332 (N. LOUISIANA AVENUE) AT SR 1338 (EMMA ROAD). \$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.	\$40,000.00 Cost \$36,000.00 Fed. \$4,000.00 State

**NCDOT NOVEMBER 2022 BOARD OF TRANSPORTATION AGENDA  
APPROVAL OF FUNDS FOR SPECIFIC FEDERAL - AID PROJECTS**

<b>TOWN / COUNTY PROJ. CATEGORY</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
<b>DIVISION 13</b>		
BUNCOMBE CO. W-5813D REGIONAL	WBS 48958.1.5, FEDERAL NO. 0025045 US 25 AT ALL SOULS CRESCENT AND US 25 ALTERNATE (LODGE STREET). \$4,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$27,300.00 Cost \$24,570.00 Fed. \$2,730.00 State
BUNCOMBE CO. W-5813E REGIONAL	WBS 48958.1.6, FEDERAL NO. 0019062 US 19-23-74 ALTERNATE (PATTON AVENUE) AT US 19-23 BUSINESS (HAYWOOD ROAD)/SR 1319 (JOHNSTON ROAD). \$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.	\$10,000.00 Cost \$9,000.00 Fed. \$1,000.00 State
BUNCOMBE CO. W-5813F REGIONAL	WBS 48958.1.7, FEDERAL NO. 0019063 US 19-23-74 ALTERNATE (SMOKEY PARK HIGHWAY) AT OLD HAYWOOD ROAD. \$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.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
BUNCOMBE CO. W-5813G REGIONAL	WBS 48958.1.8, FEDERAL NO. 0070237 US 70 (TUNNEL ROAD) AT OLD CHUNNS COVE ROAD; US 74 ALTERNATE (S. TUNNEL ROAD) AT THE MAIN MALL ENTRANCE; AND US 74 ALTERNATE AT THE LOWER MALL ENTRANCE. \$8,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$20,000.00 Cost \$18,000.00 Fed. \$2,000.00 State

**NCDOT NOVEMBER 2022 BOARD OF TRANSPORTATION AGENDA  
APPROVAL OF FUNDS FOR SPECIFIC FEDERAL - AID PROJECTS**

<b>TOWN / COUNTY PROJ. CATEGORY</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
<b>DIVISION 14</b>		
GRAHAM CO. A-0009CA EXEMPT	WBS 32572.2.13, FEDERAL NO. 0143012 US 129 FROM 0.2 MILES SOUTH OF SR 1275 (FIVE POINTS ROAD) TO NC 143; NC 143 FROM US 129 TO SR 1223 (BEECH CREEK ROAD). \$8,500,000.00 HAS PREVIOUSLY BEEN APPROVED FOR RIGHT OF WAY. FUNDS NEED TO BE REDUCED (\$6,300,000.00) AS REQUESTED. THIS IS AN APPALACHIAN DEVELOPMENT PROJECT.	(\$6,300,000.00) Cost (\$6,300,000.00) Fed.
GRAHAM CO. A-0009CA EXEMPT	WBS 32572.2.16, FEDERAL NO. 0143012 US 129 FROM 0.2 MILES SOUTH OF SR 1275 (FIVE POINTS ROAD) TO NC 143; NC 143 FROM US 129 TO SR 1223 (BEECH CREEK ROAD). \$3,760,861.00 HAS PREVIOUSLY BEEN APPROVED FOR UTILITY RELOCATION. ADDITIONAL FUNDS ARE REQUESTED. THIS IS AN APPALACHIAN DEVELOPMENT PROJECT.	\$550,000.00 Cost \$550,000.00 Fed.
GRAHAM CO. A-0009CB EXEMPT	WBS 32572.2.14, FEDERAL NO. 0143010 NC 143 FROM SR 1223 (BEECH CREEK ROAD) TO 0.5 MILES NORTH OF THE APPALACHIAN TRAIL. \$3,300,000.00 HAS PREVIOUSLY BEEN APPROVED FOR RIGHT OF WAY. FUNDS NEED TO BE DECREASED (\$2,300,000.00) AS REQUESTED. THIS IS AN APPALACHIAN DEVELOPMENT PROJECT.	(\$2,300,000.00) Cost (\$2,300,000.00) Fed.
GRAHAM CO. A-0009CC EXEMPT	WBS 32572.2.15, FEDERAL NO. 0143011 NC 143 FROM 0.5 MILES NORTH OF APPALACHIAN TRAIL TO NC 28; NC 28 FROM 0.2 MILES WEST OF NC 143 TO 0.3 MILES EAST OF SR 1235 (GUNTERS GAP ROAD). \$2,300,000.00 HAS PREVIOUSLY BEEN APPROVED FOR RIGHT OF WAY. FUNDS NEED TO BE DECREASED (\$1,000,000.00) AS REQUESTED. THIS IS AN APPALACHIAN DEVELOPMENT PROJECT.	(\$1,000,000.00) Cost (\$1,000,000.00) Fed.

**NCDOT NOVEMBER 2022 BOARD OF TRANSPORTATION AGENDA  
APPROVAL OF FUNDS FOR SPECIFIC FEDERAL - AID PROJECTS**

<b>TOWN / COUNTY PROJ. CATEGORY</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
<b>DIVISION 14</b>		
HAYWOOD CO. B-3186 STATEWIDE	WBS 38332.1.FS1, FEDERAL NO. BRNHP-0023(32) REPLACE BRIDGES #155 AND #158 OVER RICHLAND CREEK ON US 23/74. \$2,954,653.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$900,000.00 Cost \$720,000.00 Fed. \$180,000.00 State
TRANSYLVANIA CO. B-4289 EXEMPT	WBS 33628.2.1, FEDERAL NO. BRZ-1324(2) REPLACE BRIDGE #93 OVER THE NORTH FORK FRENCH BROAD RIVER ON SR 1324. \$245,000.00 HAS PREVIOUSLY BEEN APPROVED FOR RIGHT OF WAY AND UTILITIES. FUNDS NEED TO BE DECREASED (\$164,182.00). WORK ASSOCIATED WITH THIS WBS IS COMPLETE. THIS WBS WILL BE CLOSED. THIS IS A STRATEGIC TRANSPORTATION INVESTMENTS TRANSITION PROJECT.	(\$164,182.00) Cost (\$131,346.00) Fed. (\$32,836.00) State
HAYWOOD CO. B-5898 STATEWIDE	WBS 48030.2.1, FEDERAL NO. BRSTP-0019(49) REPLACE BRIDGE #168 OVER US 19 AND US 23 ON US 23/74. \$322,000.00 HAS PREVIOUSLY BEEN APPROVED FOR RIGHT OF WAY. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$150,000.00 Cost \$120,000.00 Fed. \$30,000.00 State
HENDERSON CO. I-4400C REGIONAL	WBS 34232.3.5, FEDERAL NO. NHPP-026-1(200)13 I-26 FROM US 25 BUSINESS (EXIT 44) TO NC 280 (EXIT 40). \$167,548,089.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. FUNDS NEED TO BE DECREASED (\$1,845,408.00). THIS IS A GARVEE BOND PROJECT.	(\$1,845,408.00) Cost (\$1,384,056.00) Fed. (\$461,352.00) State
JACKSON CO. R-4753 DIVISION	WBS 39999.3.3, FEDERAL NO. STP-0107(10) NC 107 FROM NORTH OF SR 1002 TO NC 281. \$12,077,072.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$11,500,000.00 Cost \$9,200,000.00 Fed. \$2,300,000.00 State

**NCDOT NOVEMBER 2022 BOARD OF TRANSPORTATION AGENDA  
APPROVAL OF FUNDS FOR SPECIFIC FEDERAL - AID PROJECTS**

<b>TOWN / COUNTY PROJ. CATEGORY</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
<b>DIVISION 14</b>		
JACKSON CO. R-4753WM DIVISION	WBS 39999.4.1, FEDERAL NO. STP-0107(016) NC 107 FROM NORTH OF SR 1002 TO NC 281. \$304,198.00 HAS PREVIOUSLY BEEN APPROVED FOR WETLAND MITIGATION. 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.	\$251,358.00 Cost \$249,758.00 Fed. \$1,600.00 State
TRANSYLVANIA CO. R-5794I DIVISION	WBS 44910.3.11, FEDERAL NO. 1116014 ADA (AMERICANS WITH DISABILITIES ACT) CURB RAMP UPGRADES ALONG SR 1116 (NORTH COUNTRY CLUB ROAD) IN BREVARD. \$70,000.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$110,000.00 Cost \$88,000.00 Fed. \$22,000.00 State
CHEROKEE CO. R-5861 DIVISION	WBS 47427.1.1, FEDERAL NO. NHP-0019(058) US 19/129 FROM THE GEORGIA STATE LINE TO US 64. \$4,396,472.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. FUNDS NEED TO BE DECREASED (\$222,821.00). WORK ASSOCIATED WITH THIS WBS IS COMPLETE. THIS WBS WILL BE CLOSED.	(\$222,821.00) Cost (\$178,257.00) Fed. (\$44,564.00) State
HAYWOOD CO. R-5921 DIVISION	WBS 48470.2.1, FEDERAL NO. 0276019 US 276 (JONATHAN CREEK) FROM US 19 TO I-40. FUNDS ARE NEEDED FOR FULL RIGHT OF WAY.	\$8,400,000.00 Cost \$6,720,000.00 Fed. \$1,680,000.00 State
HAYWOOD CO. R-5921 DIVISION	WBS 48470.2.2, FEDERAL NO. 0276019 US 276 (JONATHAN CREEK) FROM US 19 TO I-40. FUNDS ARE NEEDED FOR UTILITY RELOCATION.	\$3,200,000.00 Cost \$2,560,000.00 Fed. \$640,000.00 State



**NCDOT NOVEMBER 2022 BOARD OF TRANSPORTATION AGENDA  
APPROVAL OF FUNDS FOR SPECIFIC FEDERAL - AID PROJECTS**

<b>TOWN / COUNTY PROJ. CATEGORY</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
<b>STATEWIDE</b>		
STATEWIDE CO. NO ID EXEMPT	WBS 47520.1.12, FEDERAL NO. FY22(001) LOCAL TECHNICAL ASSISTANCE PROGRAM (LTAP) FOR FY2022. FUNDS ARE NEEDED FOR PROGRAM IMPLEMENTATION.	\$300,000.00 Cost \$150,000.00 Fed. \$150,000.00 Local
STATEWIDE CO. W-5717 SW/REG/DIV	WBS 48924.1.1, FEDERAL NO. 00SS107 HIGHWAY SYSTEM DATA COLLECTION. \$1,500,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$150,000.00 Cost \$135,000.00 Fed. \$15,000.00 State

**ITEM M SUMMARY - 107 PROJECTS - (TOTAL FEDERAL AND STATE) \$ 58,393,558.00**

Correction To Item M of September 8, 2022

Page M-29

Project B-5905, WBS: 48037.2.2

Correct cash flow entry to read as three-year cash flow project with Federal funds of \$400,000.00 in FFY22, \$960,000.00 in FFY23 and \$920,000.00 in FFY24, and state match of \$340,000.00 in SFY23 and \$230,000.00 in SFY24

Correction To Item M of October 5, 2022

Page M-3

Project: B-6049, WBS: 48324.2.1

Correct WBS Number to 48324.1.1 to match with preliminary engineering phase

**REVISIONS TO THE 2020-2029 STIP  
HIGHWAY PROGRAM  
STIP ADDITIONS**

**DIVISION 8**

* HE-0006A	VARIOUS, VINFAST - RESURFACING AND	CONSTRUCTION	FY 2023 -	\$7,000,000	(S)
CHATHAM	STRENGTHENING OF SURROUNDING ROADWAYS			\$7,000,000	
PROJ.CATEGORY	NEAR TRIANGLE INNOVATION POINT MEGASITE.				
HWY FUNDS	<u>ADD NEW ECONOMIC DEVELOPMENT PROJECT</u>				
	<u>BREAK AT REQUEST OF DIVISION.</u>				

* HE-0006B	VARIOUS, VINFAST - CONSTRUCTION OF SITE DESIGN	ENGINEERING	FY 2023 -	\$3,000,000	(S)
CHATHAM	1A AND 1B. ROADWAY IMPROVEMENTS INCLUDING	RIGHT-OF-WAY	FY 2023 -	\$5,000,000	(S)
PROJ.CATEGORY	CONSTRUCTION OF MULTIPLE INDUSTRIAL ACCESS		FY 2024 -	\$5,000,000	(S)
HWY FUNDS	ROADS AND NEW INTERCHANGES ALONG US 1.	UTILITIES	FY 2023 -	\$2,500,000	(S)
	<u>ADD NEW ECONOMIC DEVELOPMENT PROJECT</u>		FY 2024 -	\$2,500,000	(S)
	<u>BREAK AT REQUEST OF DIVISION.</u>	CONSTRUCTION	FY 2024 -	\$100,000,000	(S)
			FY 2025 -	\$75,000,000	(S)
				\$193,000,000	

* HE-0006C	VARIOUS, VINFAST - CONSTRUCTION OF SITE DESIGN	CONSTRUCTION	FY 2025 -	\$25,000,000	(S)
CHATHAM	2A AND 2B. ROADWAY IMPROVEMENTS INCLUDING		FY 2026 -	\$25,000,000	(S)
PROJ.CATEGORY	CONSTRUCTION OF MULTIPLE INDUSTRIAL ACCESS			\$50,000,000	
HWY FUNDS	ROADS AND NEW INTERCHANGES ALONG US 1.				
	<u>ADD NEW ECONOMIC DEVELOPMENT PROJECT</u>				
	<u>BREAK AT REQUEST OF DIVISION.</u>				

* HE-0011	VARIOUS, WOLFSPEED - ROADWAY IMPROVEMENTS	ENGINEERING	FY 2023 -	\$1,000,000	(T)
CHATHAM	ALONG US 64 JUST WEST OF SILER CITY AND	RIGHT-OF-WAY	FY 2023 -	\$250,000	(T)
PROJ.CATEGORY	CONSTRUCTION OF INDUSTRIAL ACCESS ROAD.	UTILITIES	FY 2023 -	\$250,000	(T)
DIVISION	<u>ADD NEW ECONOMIC DEVELOPMENT PROJECT AT</u>	CONSTRUCTION	FY 2024 -	\$4,250,000	(T)
	<u>REQUEST OF DIVISION.</u>		FY 2025 -	\$4,250,000	(T)
				\$10,000,000	

**DIVISION 10**

* TM-0040	CHARLOTTE TRANSIT AREA, FIRST MILE-LAST MILE	PLANNING	FY 2023 -	\$750,000	(ARP)
MECKLENBURG	PROJECT WILL PLAN NEW AND REPLACEMENT			\$750,000	
PROJ.CATEGORY	CIRCULATOR ROUTES WITH A NEW ON-DEMAND				
PUBLIC TRANS	STRATEGY OF MICRO-TRANSIT ZONES TO REDUCE				
	TRAVEL TIMES AND IMPROVE CONNECTIVITY TO HIGH-				
	FREQUENCY ROUTES AT MOBILITY HUBS.				
	<u>ADD PROJECT AT THE REQUEST OF THE MPO.</u>				

\* INDICATES FEDERAL AMENDMENT

Thursday, November 3, 2022

**REVISIONS TO THE 2020-2029 STIP  
HIGHWAY PROGRAM  
STIP ADDITIONS**

**DIVISION 11**

* BL-0065	LENIOR GREENWAY, HARPER AVENUE TO	ENGINEERING	FY 2023 -	\$245,000	(BGDA)
CALDWELL	MORGANTON BOULEVARD. EXTEND MULTI-USE PATH.		FY 2023 -	\$61,000	(L)
PROJ.CATEGORY	<u>ADD PROJECT AT THE REQUEST OF THE MPO.</u>	RIGHT-OF-WAY	FY 2024 -	\$225,000	(BGDA)
DIVISION			FY 2024 -	\$56,000	(L)
		CONSTRUCTION	FY 2025 -	\$1,264,000	(BGDA)
			FY 2025 -	\$317,000	(L)
				\$2,168,000	

**DIVISION 12**

* BL-0066	SPRINGS ROAD NE, SANDY RIDGE ROAD TO	ENGINEERING	FY 2023 -	\$350,000	(TADA)
CATAWBA	MCDONALD PARKWAY. CONSTRUCT SIDEWALK.		FY 2023 -	\$87,000	(L)
PROJ.CATEGORY	<u>ADD PROJECT AT THE REQUEST OF THE MPO.</u>	RIGHT-OF-WAY	FY 2024 -	\$250,000	(TADA)
DIVISION			FY 2024 -	\$63,000	(L)
		CONSTRUCTION	FY 2025 -	\$15,000	(BGDA)
			FY 2025 -	\$1,785,000	(TADA)
			FY 2025 -	\$450,000	(L)
				\$3,000,000	

* BL-0067	AVIATION WALK CONNECTOR, CLEMENT BOULEVARD	ENGINEERING	FY 2023 -	\$150,000	(BGDA)
CATAWBA	TO 17TH STREET NW. EXTEND MULTI-USE PATH.		FY 2023 -	\$37,000	(L)
PROJ.CATEGORY	<u>ADD PROJECT AT THE REQUEST OF THE MPO.</u>	RIGHT-OF-WAY	FY 2024 -	\$250,000	(BGDA)
DIVISION			FY 2024 -	\$63,000	(L)
		CONSTRUCTION	FY 2025 -	\$1,200,000	(BGDA)
			FY 2025 -	\$300,000	(L)
				\$2,000,000	

* BL-0068	ISLAND FORD ROAD, DON'S GRILL TO LIVING WORD	ENGINEERING	FY 2023 -	\$324,000	(BGDA)
CATAWBA	CHURCH. CONSTRUCT SIDEWALKS.		FY 2023 -	\$81,000	(L)
PROJ.CATEGORY	<u>ADD PROJECT AT THE REQUEST OF THE MPO.</u>	RIGHT-OF-WAY	FY 2025 -	\$400,000	(BGDA)
DIVISION			FY 2025 -	\$100,000	(L)
		CONSTRUCTION	FY 2027 -	\$680,000	(BGDA)
			FY 2027 -	\$170,000	(L)
				\$1,755,000	

**STIP MODIFICATIONS****DIVISION 1**

* HS-2001F	US 158, CONSTRUCT U-TURN BULB OUTS AND MODIFY	RIGHT-OF-WAY	FY 2023 -	\$766,000	(HSIP)
CURRITUCK	MEDIAN AT INTERSECTION OF US 158 AND		FY 2023 -	\$1,534,000	(T)
PROJ.CATEGORY	EDGEWATER ROAD.	UTILITIES	FY 2023 -	\$266,000	(HSIP)
REGIONAL	<u>ADD PROJECT BREAK AT THE REQUEST OF THE</u>		FY 2023 -	\$534,000	(T)
	<u>TRANSPORTION MOBILITY AND SAFETY DIVISION.</u>	CONSTRUCTION	FY 2024 -	\$800,000	(HSIP)
			FY 2024 -	\$1,600,000	(T)
				\$5,500,000	

\* INDICATES FEDERAL AMENDMENT

Thursday, November 3, 2022

**REVISIONS TO THE 2020-2029 STIP  
HIGHWAY PROGRAM  
STIP MODIFICATIONS**

**DIVISION 1**

R-5717B CAMDEN PROJ.CATEGORY DIVISION	SR 1224 (OLD SWAMP ROAD), REPLACE BRIDGE 140013 OVER JOYCE CREEK. <u>ADD PROJECT BREAK AT THE REQUEST OF THE DIVISION.</u>	CONSTRUCTION	FY 2023 - \$1,550,000 (T) \$1,550,000
R-5757 NORTHAMPTON PROJ.CATEGORY DIVISION	NC 305, SEABOARD TOWN LIMITS TO HERTFORD COUNTY LINE. UPGRADE ROADWAY. <u>REMOVE CONSTRUCTION PREVIOUSLY PROGRAMMED IN FY 24. CONSTRUCTION TO BE FUNDED UNDER R-5757A AND R-5757B.</u>	RIGHT-OF-WAY  UTILITIES	FY 2023 - \$381,000 (BGLT5) FY 2024 - \$762,000 (BGLT5) FY 2025 - \$381,000 (BGLT5) FY 2023 - \$2,061,000 (BGLT5) FY 2024 - \$2,061,000 (BGLT5) \$5,646,000
R-5757A NORTHAMPTON PROJ.CATEGORY DIVISION	NC 305, HERTFORD COUNTY LINE TO NORTH OF SR 1503 (LASKER ROAD). UPGRADE ROADWAY. <u>ADD PROJECT BREAK AT THE REQUEST OF THE DIVISION.</u>	CONSTRUCTION	FY 2024 - \$233,000 (BGLT5) FY 2025 - \$7,922,000 (BGLT5) FY 2026 - \$7,223,000 (BGLT5) FY 2027 - \$5,592,000 (BGLT5) FY 2028 - \$2,330,000 (BGLT5) \$23,300,000
R-5757B NORTHAMPTON PROJ.CATEGORY DIVISION	NC 305, NORTH OF SR 1503 (LASKER ROAD) TO SEABOARD TOWN LIMITS. UPGRADE ROADWAY. <u>ADD PROJECT BREAK AT THE REQUEST OF THE DIVISION.</u>	CONSTRUCTION	FY 2024 - \$232,000 (BGLT5) FY 2025 - \$7,888,000 (BGLT5) FY 2026 - \$7,192,000 (BGLT5) FY 2027 - \$5,568,000 (BGLT5) FY 2028 - \$2,320,000 (BGLT5) \$23,200,000

\* INDICATES FEDERAL AMENDMENT

Thursday, November 3, 2022

**REVISIONS TO THE 2020-2029 STIP  
HIGHWAY PROGRAM  
STIP MODIFICATIONS**

**DIVISION 1**

* R-5781	VARIOUS, DIVISION 1 PROGRAM TO UPGRADE	CONSTRUCTION	FY 2022 -	\$200,000	(S)
CHOWAN	INTERSECTIONS TO COMPLY WITH THE AMERICANS		FY 2022 -	\$800,000	(TA)
PERQUIMANS	WITH DISABILITIES ACT (ADA) USING		FY 2023 -	\$200,000	(S)
WASHINGTON	TRANSPORTATION ALTERNATIVES (TA) FUNDS.		FY 2023 -	\$800,000	(TA)
HYDE	<u>ADD FUNDING IN FY 23 NOT PREVIOUSLY</u>				
DARE	<u>PROGRAMMED.</u>			\$2,000,000	
GATES					
MARTIN					
PASQUOTANK					
TYRRELL					
NORTHAMPTON					
CURRITUCK					
BERTIE					
CAMDEN					
HERTFORD					
PROJ.CATEGORY					
DIVISION					

**DIVISION 2**

* R-5782	VARIOUS, DIVISION 2 PROGRAM TO UPGRADE	CONSTRUCTION	FY 2022 -	\$200,000	(S)
LENOIR	INTERSECTIONS TO COMPLY WITH THE AMERICANS		FY 2022 -	\$800,000	(TA)
JONES	WITH DISABILITIES ACT (ADA) USING		FY 2023 -	\$200,000	(S)
PAMLICO	TRANSPORTATION ALTERNATIVES (TA) FUNDS.		FY 2023 -	\$800,000	(TA)
GREENE	<u>ADD FUNDING IN FY 23 NOT PREVIOUSLY</u>				
BEAUFORT	<u>PROGRAMMED.</u>			\$2,000,000	
CARTERET					
PITT					
CRAVEN					
PROJ.CATEGORY					
DIVISION					

**DIVISION 3**

B-4636	NC 24, REPLACE BRIDGE 810056 OVER SIX RUNS	CONSTRUCTION	FY 2024 -	\$2,946,000	(BFP)
SAMPSON	CREEK.		FY 2025 -	\$2,954,000	(BFP)
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>			\$5,900,000	
STATEWIDE	<u>DESIGN, DELAY CONSTRUCTION FROM FY 23 TO FY 24.</u>				

\* INDICATES FEDERAL AMENDMENT

Thursday, November 3, 2022

**REVISIONS TO THE 2020-2029 STIP  
HIGHWAY PROGRAM  
STIP MODIFICATIONS**

**DIVISION 3**

EB-6025 BRUNSWICK PROJ.CATEGORY DIVISION	RICE HOPE MULTI-USE PATH, MULTI-USE PATH ALONG NC 133 BETWEEN MORECAMBLE BOULEVARD AND RICE HOPE RUN IN BELVILLE. <u>TO MATCH THE SCHEDULE PROVIDED BY THE MUNICIPALITY, DELAY CONSTRUCTION FROM FY 22 TO FY 23.</u>	CONSTRUCTION	FY 2023 - \$134,000 (BGDA) FY 2023 - \$33,000 (L) \$167,000
EB-6026 BRUNSWICK PROJ.CATEGORY DIVISION	BELVILLE ELEMENTARY MULTI-USE PATH, MULTI-USE PATH ALONG NC 133 CONNECTING NORTH AND SOUTH ENTRANCES OF HAWKESWATER DEVELOPMENT TO BELVILLE ELEMENTARY SCHOOL. <u>TO MATCH THE SCHEDULE PROVIDED BY THE MUNICIPALITY, DELAY CONSTRUCTION FROM FY 22 TO FY 23.</u>	CONSTRUCTION	FY 2023 - \$94,000 (TADA) FY 2023 - \$24,000 (L) \$118,000
EB-6028 NEW HANOVER PROJ.CATEGORY DIVISION	WILMINGTON, CONSTRUCT SIGNALIZED PEDESTRIAN CROSSING AT US 17 BUSINESS (MARKET STREET) AND 21ST STREET. <u>TO MATCH THE SCHEDULE PROVIDED BY THE MUNICIPALITY, DELAY CONSTRUCTION FROM FY 22 TO FY 23.</u>	CONSTRUCTION	FY 2023 - \$100,000 (TADA) FY 2023 - \$25,000 (L) \$125,000
P-5740A BRUNSWICK NEW HANOVER PROJ.CATEGORY STATEWIDE	CSX SE LINE, TIE AND RAIL REHABILITATION, CURVE REALIGNMENT, AND UPGRADE RAIL BRIDGES. <u>TO ALLOW ADDITIONAL TIME FOR RAILROAD COORDINATION, DELAY CONSTRUCTION FROM FY 22 TO FY 23.</u>	CONSTRUCTION	FY 2023 - \$15,522,000 (DP) FY 2023 - \$5,514,000 (T) FY 2024 - \$5,514,000 (T) \$26,550,000
* R-5783 PENDER SAMPSON NEW HANOVER BRUNSWICK ONSLOW DUPLIN PROJ.CATEGORY DIVISION	VARIOUS, DIVISION 3 PROGRAM TO UPGRADE INTERSECTIONS TO COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (ADA) USING TRANSPORTATION ALTERNATIVES (TA) FUNDS. <u>ADD FUNDING IN FY 23 NOT PREVIOUSLY PROGRAMMED.</u>	CONSTRUCTION	FY 2022 - \$200,000 (S) FY 2022 - \$800,000 (TA) FY 2023 - \$200,000 (S) FY 2023 - \$800,000 (TA) \$2,000,000

\* INDICATES FEDERAL AMENDMENT

**REVISIONS TO THE 2020-2029 STIP  
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**DIVISION 3**

U-6233	CAROLINA BEACH, CONSTRUCT NEW TRAFFIC SIGNAL	RIGHT-OF-WAY	FY 2022 -	\$8,000	(S)
NEW HANOVER	AND IMPROVE PEDESTRIAN ACCOMMODATIONS AT		FY 2022 -	\$32,000	(BGDA)
PROJ.CATEGORY	THE INTERSECTION OF US 421 (LAKE PARK	CONSTRUCTION	FY 2023 -	\$51,000	(S)
DIVISION	BOULEVARD) AND HAMLET AVENUE IN CAROLINA		FY 2023 -	\$205,000	(BGDA)
	BEACH.			<u>\$296,000</u>	
	<u>TO MATCH THE SCHEDULE PROVIDED BY THE</u>				
	<u>MUNICIPALITY, DELAY CONSTRUCTION FROM FY 22</u>				
	<u>TO FY 23.</u>				

**DIVISION 4**

BL-0050	SR 1004 (EAST MAIN STREET), SECOND STREET TO US	RIGHT-OF-WAY	FY 2023 -	\$140,000	(CMAQ)
JOHNSTON	70 BUSINESS / NC 42 IN CLAYTON. COMPLETE		FY 2023 -	\$60,000	(L)
PROJ.CATEGORY	SIDEWALK GAP AND INCLUDE CROSSING	CONSTRUCTION	FY 2024 -	\$315,000	(CMAQ)
EXEMPT	IMPROVEMENTS.		FY 2024 -	\$135,000	(L)
				<u>\$650,000</u>	
	<u>TO MATCH THE SCHEDULE PROVIDED BY THE</u>				
	<u>MUNICIPALITY, DELAY CONSTRUCTION FROM FY 23</u>				
	<u>TO FY 24.</u>				

C-5546	ROCKY MOUNT, BENVENUE ROAD (NC 43/NC 48) AT	CONSTRUCTION	FY 2023 -	\$130,000	(CMAQ)
NASH	JEFFREYS ROAD. INTERSECTION IMPROVEMENTS.			\$130,000	
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR RIGHT-OF-WAY</u>				
EXEMPT	<u>ACQUISITION, DELAY CONSTRUCTION FROM FY 22 TO</u>				
	<u>FY 23.</u>				

C-5549	ROCKY MOUNT, WINSTEAD AVENUE. CONSTRUCT	CONSTRUCTION	FY 2023 -	\$688,000	(CMAQ)
NASH	SIDEWALKS.			\$688,000	
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR RIGHT-OF-WAY</u>				
EXEMPT	<u>ACQUISITION, DELAY CONSTRUCTION FROM FY 22 TO</u>				
	<u>FY 23.</u>				

HS-2004L	NC 242, CURVE IMPROVEMENTS BETWEEN 0.08 MILES	RIGHT-OF-WAY	FY 2023 -	\$272,000	(HSIP)
JOHNSTON	AND 0.31 MILES NORTH OF SR 1116 (GODWIN LAKE	CONSTRUCTION	FY 2023 -	\$555,000	(HSIP)
PROJ.CATEGORY	ROAD).			\$827,000	
REGIONAL	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>				
	<u>DESIGN, DELAY RIGHT-OF-WAY FROM FY 22 TO FY 23.</u>				

HS-2004M	NC 48, INSTALL MINI ROUNDABOUTS ALONG NC 48	RIGHT-OF-WAY	FY 2023 -	\$365,000	(HSIP)
NASH	(GOLDROCK ROAD) AT WATERLOO DRIVE /	CONSTRUCTION	FY 2023 -	\$1,210,000	(HSIP)
PROJ.CATEGORY	ROUNDTREE DRIVE AND AT GREYSON ROAD /			\$1,575,000	
REGIONAL	CUNNINGHAM DRIVE.				
	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>				
	<u>DESIGN, DELAY RIGHT-OF-WAY FROM FY 22 TO FY 23.</u>				

\* INDICATES FEDERAL AMENDMENT

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**DIVISION 4**

* R-5784	VARIOUS, DIVISION 4 PROGRAM TO UPGRADE	CONSTRUCTION	FY 2022 -	\$200,000	(S)
EDGEcombe	INTERSECTIONS TO COMPLY WITH THE AMERICANS		FY 2022 -	\$800,000	(TA)
WAYNE	WITH DISABILITIES ACT (ADA) USING		FY 2023 -	\$200,000	(S)
NASH	TRANSPORTATION ALTERNATIVES (TA) FUNDS.		FY 2023 -	\$800,000	(TA)
HALIFAX	<u>ADD FUNDING IN FY 23 NOT PREVIOUSLY</u>			\$2,000,000	
WILSON	<u>PROGRAMMED.</u>				
JOHNSTON					
PROJ.CATEGORY					
DIVISION					

**DIVISION 5**

HO-0001AA	NCSU CAMPUS, MULTIMODAL CONNECTED VEHICLE	ENGINEERING	FY 2022 -	\$85,000	(DP)
WAKE	PILOT (MMCVP) CONNECTED VEHICLE		FY 2022 -	\$84,000	(S)
PROJ.CATEGORY	INFRASTRUCTURE, CONNECTED VEHICLE		FY 2023 -	\$63,000	(DP)
EXEMPT	APPLICATIONS, TRAFFIC SIGNAL IMPROVEMENTS,		FY 2023 -	\$62,000	(S)
	PROJECT MANAGEMENT.		FY 2024 -	\$38,000	(DP)
	<u>TO ALLOW ADDITIONAL TIME FOR DESIGN, DELAY</u>		FY 2024 -	\$37,000	(S)
	<u>CONSTRUCTION FROM FY 22 TO FY 23.</u>	CONSTRUCTION	FY 2023 -	\$804,000	(DP)
			FY 2023 -	\$803,000	(S)
			FY 2024 -	\$370,000	(DP)
			FY 2024 -	\$370,000	(S)
			FY 2025 -	\$282,000	(DP)
			FY 2025 -	\$282,000	(S)
			FY 2026 -	\$35,000	(DP)
			FY 2026 -	\$35,000	(S)
				\$3,350,000	
HS-2005E	US 15 / US 501 BUSINESS, NC 751 (ACADEMY ROAD)	CONSTRUCTION	FY 2023 -	\$175,000	(HSIP)
DURHAM	INTERCHANGE IN DURHAM. INSTALL GUARDRAIL.			\$175,000	
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR DESIGN, DELAY</u>				
REGIONAL	<u>CONSTRUCTION FROM FY 22 TO FY 23.</u>				
* HS-2005K	US 401, SR 2108/SR 2036 (NEW HOPE ROAD) AND US	CONSTRUCTION	FY 2023 -	\$115,000	(HSIP)
WAKE	401 AT CALVARY DRIVE. INSTALL PEDESTRIAN			\$115,000	
PROJ.CATEGORY	SIGNALS AND CROSSWALKS.				
REGIONAL	<u>ADD PROJECT BREAK AT REQUEST OF</u>				
	<u>TRANSPORTATION MOBILITY AND SAFETY DIVISION.</u>				

\* INDICATES FEDERAL AMENDMENT

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**DIVISION 5**

* HS-2005L DURHAM PROJ.CATEGORY DIVISION	SR 1327 (GREGSON STREET), SR 1327 (GREGSON STREET) AT KNOX STREET. INSTALL TRAFFIC SIGNAL. <u>ADD PROJECT BREAK AT REQUEST OF TRANSPORTATION MOBILITY AND SAFETY DIVISION.</u>	CONSTRUCTION	FY 2023 -	\$110,000 \$110,000	(HSIP)
* HS-2005M DURHAM PROJ.CATEGORY REGIONAL	NC 55 (ALSTON AVENUE), AT SR 1670 (GEER STREET). REVISE TRAFFIC SIGNAL AND INSTALL PEDESTRIAN SIGNAL HEADS. <u>ADD PROJECT BREAK AT REQUEST OF TRANSPORTATION MOBILITY AND SAFETY DIVISION.</u>	CONSTRUCTION	FY 2023 -	\$62,000 \$62,000	(HSIP)
* HS-2005N DURHAM PROJ.CATEGORY REGIONAL	NC 98, AT SR 1919 (LYNN ROAD). ADD LANES THROUGH INTERSECTION AND TURN LANES. <u>ADD PROJECT BREAK AT REQUEST OF TRANSPORTATION MOBILITY AND SAFETY DIVISION.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2024 - FY 2025 - FY 2025 - FY 2025 -	\$500,000 \$285,000 \$1,000,000 \$500,000	(HSIP) (HSIP) (T) (L)
				\$2,285,000	
P-5737 WAKE PROJ.CATEGORY STATEWIDE	CSX S LINE, SR 2108 (MILLBROOK ROAD) IN RALEIGH. CONSTRUCT GRADE SEPARATION AND CLOSE CROSSING 630605A. <u>TO ALLOW ADDITIONAL TIME FOR DESIGN, DELAY CONSTRUCTION FROM FY 24 TO FY 25.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2022 - FY 2022 - FY 2025 - FY 2025 - FY 2026 - FY 2026 - FY 2027 - FY 2027 - FY 2028 - FY 2028 -	\$6,111,000 \$1,228,000 \$1,338,000 \$1,963,000 \$4,149,000 \$6,085,000 \$2,819,000 \$4,135,000 \$694,000 \$1,017,000	(T) (T) (DP) (T) (DP) (T) (DP) (T) (DP) (T)
				\$29,539,000	

\* INDICATES FEDERAL AMENDMENT

**REVISIONS TO THE 2020-2029 STIP  
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**DIVISION 5**

R-2829A	NEW ROUTE (FUTURE NC 540), I-40 TO SOUTH OF	RIGHT-OF-WAY	FY 2025 - \$16,705,000	(BOND R)
WAKE	ROCK QUARRY ROAD. CONSTRUCT FREEWAY ON		FY 2026 - \$33,400,000	(BOND R)
PROJ.CATEGORY	NEW LOCATION.		FY 2027 - \$16,705,000	(BOND R)
STATEWIDE	<u>ADD NEW PROJECT BREAK FOR SEPARATE LETTING</u>	UTILITIES	FY 2025 - \$3,665,000	(BOND R)
	<u>PURPOSES AT REQUEST OF NORTH CAROLINA</u>		FY 2026 - \$3,666,000	(BOND R)
	<u>TURNPIKE AUTHORITY.</u>	GARVEE CON	FY 2026 - \$11,261,000	(NHP)
			FY 2027 - \$11,261,000	(NHP)
			FY 2028 - \$11,261,000	(NHP)
			FY 2029 - \$11,261,000	(NHP)
			AFTER FY 2029 - \$123,871,000	(NHP)
		CONSTRUCTION	FY 2026 - \$10,937,000	(S(M))
			FY 2026 - \$86,100,000	(BOND R)
			FY 2027 - \$10,937,000	(S(M))
			FY 2028 - \$10,938,000	(S(M))
			FY 2029 - \$10,938,000	(S(M))
			\$372,906,000	
R-2829B	NEW ROUTE (FUTURE NC 540), SOUTH OF ROCK	RIGHT-OF-WAY	FY 2025 - \$17,195,000	(BOND R)
WAKE	QUARRY ROAD TO I-87 / US 64 / US 264 BYPASS.		FY 2026 - \$34,384,000	(BOND R)
PROJ.CATEGORY	CONSTRUCT FREEWAY ON NEW LOCATION.		FY 2027 - \$17,195,000	(BOND R)
STATEWIDE	<u>ADD NEW PROJECT BREAK FOR SEPARATE LETTING</u>	UTILITIES	FY 2025 - \$3,665,000	(BOND R)
	<u>PURPOSES AT REQUEST OF NORTH CAROLINA</u>		FY 2026 - \$3,666,000	(BOND R)
	<u>TURNPIKE AUTHORITY.</u>	GARVEE CON	FY 2026 - \$11,261,000	(NHP)
			FY 2027 - \$11,261,000	(NHP)
			FY 2028 - \$11,261,000	(NHP)
			FY 2029 - \$11,261,000	(NHP)
			AFTER FY 2029 - \$123,871,000	(NHP)
		CONSTRUCTION	FY 2026 - \$10,937,000	(S(M))
			FY 2026 - \$156,100,000	(BOND R)
			FY 2027 - \$10,937,000	(S(M))
			FY 2028 - \$10,937,000	(S(M))
			FY 2029 - \$10,937,000	(S(M))
			\$444,868,000	
* R-5785	VARIOUS, DIVISION 5 PROGRAM TO UPGRADE	CONSTRUCTION	FY 2023 - \$200,000	(S)
DURHAM	INTERSECTIONS TO COMPLY WITH THE AMERICANS		FY 2023 - \$800,000	(TA)
GRANVILLE	WITH DISABILITIES ACT (ADA) USING		\$1,000,000	
PERSON	TRANSPORTATION ALTERNATIVES (TA) FUNDS.			
VANCE	<u>ADD FUNDING IN FY 23 NOT PREVIOUSLY</u>			
FRANKLIN	<u>PROGRAMMED.</u>			
WARREN				
WAKE				
PROJ.CATEGORY				
DIVISION				

\* INDICATES FEDERAL AMENDMENT

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**DIVISION 5**

* U-2901BA	NC 55 (WILLIAMS STREET), CSX RAILROAD BRIDGE	RIGHT-OF-WAY	FY 2027 -	\$1,000,000	(T)
WAKE	OVER NC 55. REPLACE RAILROAD BRIDGE.	UTILITIES	FY 2027 -	\$250,000	(T)
PROJ.CATEGORY	<u>ADD PROJECT BREAK AT REQUEST OF DIVISION.</u>	CONSTRUCTION	FY 2029 -	\$2,146,000	(T)
REGIONAL			AFTER FY 2029 -	<u>\$14,854,000</u>	(T)
				\$18,250,000	

* U-5825	SR 1010 (TEN-TEN ROAD), APEX PEAKWAY IN APEX TO	RIGHT-OF-WAY	FY 2028 -	\$6,700,000	(T)
WAKE	SR 1300 (KILDARE FARM ROAD) IN CARY. WIDEN TO		FY 2029 -	\$13,400,000	(T)
PROJ.CATEGORY	MULTI-LANES.		AFTER FY 2029 -	\$6,700,000	(T)
DIVISION	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	UTILITIES	FY 2028 -	\$2,350,000	(T)
			FY 2029 -	\$2,350,000	(T)
		CONSTRUCTION	AFTER FY 2029 -	<u>\$63,900,000</u>	(T)
				\$95,400,000	

**DIVISION 6**

EB-6030	US 401 BYPASS (SKIBO ROAD), CONSTRUCT	ENGINEERING	FY 2022 -	\$60,000	(TADA)
CUMBERLAND	SIDEWALK FROM RICHWOOD COURT TO NC 24		FY 2022 -	\$15,000	(L)
PROJ.CATEGORY	(BRAGG BOULEVARD).	RIGHT-OF-WAY	FY 2023 -	\$60,000	(TADA)
DIVISION	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY RIGHT-OF-WAY FROM FY 22 TO FY 23.</u>		FY 2023 -	\$15,000	(L)
		CONSTRUCTION	FY 2023 -	\$360,000	(TADA)
			FY 2023 -	<u>\$90,000</u>	(L)
				\$600,000	

HL-0036	NC 59 (NORTH MAIN STREET), REPLACE EXISTING	CONSTRUCTION	FY 2023 -	\$359,000	(TADA)
CUMBERLAND	SIDEWALK AND CONSTRUCT NEW SIDEWALK ALONG		FY 2023 -	<u>\$90,000</u>	(L)
PROJ.CATEGORY	NC 59 (NORTH MAIN STREET) IN HOPE MILLS.			\$449,000	
DIVISION	<u>TO MATCH THE SCHEDULE PROVIDED BY THE MUNICIPALITY, DELAY CONSTRUCTION FROM FY 22 TO FY 23.</u>				

* R-5786	VARIOUS, DIVISION 6 PROGRAM TO UPGRADE	CONSTRUCTION	FY 2022 -	\$200,000	(S)
BLADEN	INTERSECTIONS TO COMPLY WITH THE AMERICANS		FY 2022 -	\$800,000	(TA)
CUMBERLAND	WITH DISABILITIES ACT (ADA) USING		FY 2023 -	\$200,000	(S)
COLUMBUS	TRANSPORTATION ALTERNATIVES (TA) FUNDS.		FY 2023 -	<u>\$800,000</u>	(TA)
HARNETT	<u>ADD FUNDING IN FY 23 NOT PREVIOUSLY</u>			\$2,000,000	
ROBESON	<u>PROGRAMMED.</u>				
PROJ.CATEGORY					
DIVISION					

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**REVISIONS TO THE 2020-2029 STIP  
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**DIVISION 7**

B-5716	SR 1138 (LINDSEY BRIDGE ROAD), REPLACE BRIDGE	RIGHT-OF-WAY	FY 2023 -	\$610,000	(BGOFF)
ROCKINGHAM	780140 OVER DAN RIVER	CONSTRUCTION	FY 2023 -	\$2,868,000	(BGOFF)
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING, DELAY</u>		FY 2024 -	\$2,849,000	(BGOFF)
DIVISION	<u>RIGHT-OF-WAY FROM FY 22 TO FY 23.</u>		FY 2025 -	\$384,000	(BGOFF)
				\$6,711,000	

* EB-5986	BENJAMIN PARKWAY; WESTOVER TERRACE,	ENGINEERING	FY 2023 -	\$40,000	(TAANY)
GUILFORD	BENJAMIN PARKWAY FROM ELAM AVENUE TO		FY 2023 -	\$10,000	(L)
PROJ.CATEGORY	BATTLEGROUND AVENUE, AND WESTOVER TERRACE	RIGHT-OF-WAY	FY 2023 -	\$56,000	(TAANY)
DIVISION	FROM BENJAMIN PARKWAY TO SEMINOLE DRIVE IN		FY 2023 -	\$14,000	(L)
	GREENSBORO. CONSTRUCT SIDEWALK ON BENJAMIN	CONSTRUCTION	FY 2024 -	\$960,000	(TAANY)
	PARKWAY FROM ELAM AVENUE TO AYCOCK STREET,		FY 2024 -	\$240,000	(L)
	CONSTRUCT SIDEPATH ON BENJAMIN PARKWAY			\$1,320,000	
	FROM AYC				
	<u>ADD PRELIMINARY ENGINEERING IN FY 23 NOT</u>				
	<u>PREVIOUSLY PROGRAMMED.</u>				

* EB-5997	GREEN VALLEY ROAD, FRIENDLY AVENUE TO	ENGINEERING	FY 2023 -	\$56,000	(TAANY)
GUILFORD	WESTOVER TERRACE IN GREENSBORO. CONSTRUCT		FY 2023 -	\$14,000	(L)
PROJ.CATEGORY	SIDEWALKS.	RIGHT-OF-WAY	FY 2024 -	\$36,000	(TAANY)
DIVISION	<u>ADD PRELIMINARY ENGINEERING IN FY 23 NOT</u>		FY 2024 -	\$9,000	(L)
	<u>PREVIOUSLY PROGRAMMED. TO ALLOW ADDITIONAL</u>	CONSTRUCTION	FY 2025 -	\$230,000	(TAANY)
	<u>TIME FOR PLANNING, DELAY RIGHT-OF-WAY FROM FY</u>		FY 2025 -	\$58,000	(L)
	<u>23 TO FY 24.</u>			\$403,000	

* EL-5101DR	MURROW BLVD, MURROW BOULEVARD BRIDGE OVER	CONSTRUCTION	FY 2023 -	\$1,440,000	(BGDA)
GUILFORD	CHURCH STREET. REPAIR BRIDGE DECK AND		FY 2023 -	\$360,000	(L)
PROJ.CATEGORY	COMPLETE GREENWAY ACROSS STRUCTURE.			\$1,800,000	
DIVISION	<u>ADD SEGMENT "DR" NOT PREVIOUSLY PROGRAMMED</u>				
	<u>PER MPO.</u>				

* HS-2007D	I-74 AND US 29/70, I-74 AND US 29/70 (I-85 BUSINESS	CONSTRUCTION	FY 2023 -	\$500,000	(HSIP)
GUILFORD	INTERCHANGE). UPGRADE SIGNALS, PAVEMENT			\$500,000	
PROJ.CATEGORY	MARKINGS, AND SIGNING.				
STATEWIDE	<u>ADD SEGMENT "D" PER TRANSPORTATION MOBILITY</u>				
	<u>AND SAFETY DIVISION.</u>				

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**DIVISION 7**

* R-5787	VARIOUS, DIVISION 7 PROGRAM TO UPGRADE	CONSTRUCTION	FY 2022 -	\$200,000	(S)
CASWELL	INTERSECTIONS TO COMPLY WITH THE AMERICANS		FY 2022 -	\$800,000	(TA)
GUILFORD	WITH DISABILITIES ACT (ADA) USING		FY 2023 -	\$200,000	(S)
ALAMANCE	TRANSPORTATION ALTERNATIVES (TA) FUNDS.		FY 2023 -	\$800,000	(TA)
ROCKINGHAM	<u>ADD FUNDING IN FY 23 NOT PREVIOUSLY</u>			\$2,000,000	
ORANGE	<u>PROGRAMMED.</u>				
PROJ.CATEGORY					
DIVISION					

TG-6185	PIEDMONT AUTHORITY FOR REGIONAL TRANS.,	CAPITAL	FY 2022 -	\$19,000	(L)
GUILFORD	ROUTINE CAPITAL		FY 2022 -	\$74,000	(5307)
PROJ.CATEGORY	<u>MODIFY FUNDING IN FY 22, FY 23, FY 24, FY 25, AND FY</u>		FY 2023 -	\$13,000	(L)
PUBLIC TRANS	<u>26 AT THE REQUEST OF THE MPO.</u>		FY 2023 -	\$51,000	(5307)
			FY 2024 -	\$13,000	(L)
			FY 2024 -	\$51,000	(5307)
			FY 2025 -	\$13,000	(L)
			FY 2025 -	\$51,000	(5307)
			FY 2026 -	\$13,000	(L)
			FY 2026 -	\$51,000	(5307)
			FY 2027 -	\$19,000	(L)
			FY 2027 -	\$74,000	(5307)
			FY 2028 -	\$19,000	(L)
			FY 2028 -	\$74,000	(5307)
				\$535,000	

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**DIVISION 7**

TO-5209	PIEDMONT AUTHORITY FOR REGIONAL TRANS.,	OPERATIONS	FY 2022 -	\$668,000	(SMAP)
GUILFORD	OPERATING- FIXED ROUTE		FY 2022 -	\$353,000	(L)
PROJ.CATEGORY	<u>MODIFY FUNDING IN FY 22, FY 23, FY 24, FY 25, AND FY</u>		FY 2022 -	\$353,000	(5307)
PUBLIC TRANS	<u>26 AT THE REQUEST OF THE MPO.</u>		FY 2023 -	\$668,000	(SMAP)
			FY 2023 -	\$509,000	(L)
			FY 2023 -	\$509,000	(5307)
			FY 2024 -	\$668,000	(SMAP)
			FY 2024 -	\$509,000	(L)
			FY 2024 -	\$509,000	(5307)
			FY 2025 -	\$668,000	(SMAP)
			FY 2025 -	\$509,000	(L)
			FY 2025 -	\$509,000	(5307)
			FY 2026 -	\$668,000	(SMAP)
			FY 2026 -	\$509,000	(L)
			FY 2026 -	\$509,000	(5307)
			FY 2027 -	\$668,000	(SMAP)
			FY 2027 -	\$1,021,000	(L)
			FY 2027 -	\$353,000	(5307)
			FY 2028 -	\$668,000	(SMAP)
			FY 2028 -	\$1,021,000	(L)
			FY 2028 -	\$353,000	(5307)
				<u>\$12,202,000</u>	

**DIVISION 8**

* HS-2008E	US 74 AT NC 144 (MORGAN STREET) / SR 1148 (SAINT	CONSTRUCTION	FY 2023 -	\$207,000	(HSIP)
SCOTLAND	JOHNS CHURCH ROAD). CONVERT TO A SIGNALIZED		FY 2023 -	\$413,000	(T)
PROJ.CATEGORY	RCI.			<u>\$620,000</u>	
STATEWIDE	<u>ADD PROJECT BREAK AT REQUEST OF</u>				
	<u>TRANSPORTATION MOBILITY AND SAFETY DIVISION.</u>				
* HS-2008F	NC 5 AT SR 1205 (MORGANTON ROAD). REALIGN	CONSTRUCTION	FY 2023 -	\$300,000	(HSIP)
MOORE	INTERSECTION AND ADD TURN LANES.		FY 2023 -	\$600,000	(T)
PROJ.CATEGORY	<u>ADD PROJECT BREAK AT REQUEST OF</u>			<u>\$900,000</u>	
REGIONAL	<u>TRANSPORTATION MOBILITY AND SAFETY DIVISION.</u>				
* R-3421CA	US 220/I-73/I-74, SR 1336 (BILLY COVINGTON ROAD)	RIGHT-OF-WAY	FY 2023 -	\$75,000	(T)
RICHMOND	<u>ADD CONSTRUCTION IN FY 23 NOT PREVIOUSLY</u>	UTILITIES	FY 2023 -	\$25,000	(T)
PROJ.CATEGORY	<u>PROGRAMMED TO REFLECT CURRENT TOWN</u>	CONSTRUCTION	FY 2023 -	\$532,000	(T)
STATEWIDE	<u>DELIVERY SCHEDULE.</u>			<u>\$632,000</u>	

\* INDICATES FEDERAL AMENDMENT

**REVISIONS TO THE 2020-2029 STIP  
HIGHWAY PROGRAM  
STIP MODIFICATIONS**

**DIVISION 8**

* R-5788	VARIOUS, DIVISION 8 PROGRAM TO UPGRADE	CONSTRUCTION	FY 2022 -	\$200,000	(S)
MONTGOMERY	INTERSECTIONS TO COMPLY WITH THE AMERICANS		FY 2022 -	\$800,000	(TA)
LEE	WITH DISABILITIES ACT (ADA) USING		FY 2023 -	\$200,000	(S)
HOKE	TRANSPORTATION ALTERNATIVES (TA) FUNDS.		FY 2023 -	\$800,000	(TA)
RICHMOND	<u>ADD FUNDING IN FY 23 NOT PREVIOUSLY</u>			\$2,000,000	
SCOTLAND	<u>PROGRAMMED.</u>				
RANDOLPH					
CHATHAM					
MOORE					
PROJ.CATEGORY					
DIVISION					

**DIVISION 9**

* R-5789	VARIOUS, DIVISION 9 PROGRAM TO UPGRADE	CONSTRUCTION	FY 2022 -	\$200,000	(S)
ROWAN	INTERSECTIONS TO COMPLY WITH THE AMERICANS		FY 2022 -	\$800,000	(TA)
DAVIDSON	WITH DISABILITIES ACT (ADA) USING		FY 2023 -	\$200,000	(S)
FORSYTH	TRANSPORTATION ALTERNATIVES (TA) FUNDS.		FY 2023 -	\$800,000	(TA)
DAVIE	<u>ADD FUNDING IN FY 23 NOT PREVIOUSLY</u>			\$2,000,000	
STOKES	<u>PROGRAMMED.</u>				
PROJ.CATEGORY					
DIVISION					

TG-6783	PIEDMONT AUTHORITY FOR REGIONAL TRANS.,	CAPITAL	FY 2022 -	\$35,000	(L)
FORSYTH	ROUTINE CAPITAL, PASSENGER SHELTERS,		FY 2022 -	\$140,000	(5307)
PROJ.CATEGORY	PASSENGER AMENITIES, SHOP EQUIPMENT, SPARE		FY 2023 -	\$45,000	(L)
PUBLIC TRANS	PARTS		FY 2023 -	\$182,000	(5307)
	<u>MODIFY FUNDING IN FY 22, FY 23, FY 24, FY 25, AND FY</u>		FY 2024 -	\$35,000	(L)
	<u>26 AT THE REQUEST OF THE MPO.</u>		FY 2024 -	\$140,000	(5307)
			FY 2025 -	\$35,000	(L)
			FY 2025 -	\$140,000	(5307)
			FY 2026 -	\$35,000	(L)
			FY 2026 -	\$140,000	(5307)
			FY 2027 -	\$37,000	(L)
			FY 2027 -	\$147,000	(5307)
				\$1,111,000	

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**DIVISION 9**

TO-6150	PIEDMONT AUTHORITY FOR REGIONAL TRANS.,	OPERATIONS	FY 2022 -	\$564,000	(L)
FORSYTH	OPERATING ASSISTANCE		FY 2022 -	\$564,000	(5307)
PROJ.CATEGORY	<u>MODIFY FUNDING IN FY 22, FY 23, FY 24, FY 25, AND FY</u>		FY 2023 -	\$439,000	(L)
PUBLIC TRANS	<u>26 AT THE REQUEST OF THE MPO.</u>		FY 2023 -	\$439,000	(5307)
			FY 2024 -	\$439,000	(L)
			FY 2024 -	\$439,000	(5307)
			FY 2025 -	\$439,000	(L)
			FY 2025 -	\$439,000	(5307)
			FY 2026 -	\$439,000	(L)
			FY 2026 -	\$439,000	(5307)
			FY 2027 -	\$485,000	(L)
			FY 2027 -	\$485,000	(5307)
				<u>\$5,610,000</u>	

**DIVISION 10**

EB-5723	US 74, SR 1520 (INDIAN TRAIL FAIRVIEW ROAD) TO SR	RIGHT-OF-WAY	FY 2023 -	\$100,000	(TAANY)
UNION	1367 (UNIONVILLE INDIAN TRAIL ROAD). CONSTRUCT		FY 2023 -	\$25,000	(L)
PROJ.CATEGORY	A MULTI-USE PATH. SR 1367 (UNIONVILLE INDIAN	CONSTRUCTION	FY 2023 -	\$2,042,000	(CMAQ)
DIVISION	TRAIL ROAD) TO OAKWOOD LANE. CONSTRUCT A		FY 2023 -	\$868,000	(TAANY)
	MULTI-USE PATH.		FY 2023 -	\$1,020,000	(L)
	<u>TO ALLOW ADDITIONAL TIME FOR PRELIMINARY</u>			<u>\$4,055,000</u>	
	<u>ENGINEERING. DELAY RIGHT-OF-WAY FROM FY 22 TO</u>				
	<u>FY 23.</u>				

* HS-2010H	NC 49, SR 1155 (ZION CHURCH ROAD) INTERSECTION	RIGHT-OF-WAY	FY 2024 -	\$105,000	(HSIP)
CABARRUS	NEAR CONCORD. INSTALL REDUCED CONFLICT	UTILITIES	FY 2024 -	\$70,000	(HSIP)
PROJ.CATEGORY	INTERSECTION WITH SIGNALIZED BULBOUTS.	CONSTRUCTION	FY 2025 -	\$1,949,000	(HSIP)
STATEWIDE	<u>ADD PROJECT BREAK AT THE REQUEST OF THE</u>			<u>\$2,124,000</u>	
	<u>TRANSPORTATION MOBILITY AND SAFETY DIVISION.</u>				

* HS-2010I	NC 16 (PROVIDENCE ROAD), SR 1307 (BONDS GROVE	RIGHT-OF-WAY	FY 2023 -	\$120,000	(HSIP)
UNION	CHURCH ROAD) INTERSECTION NEAR MARVIN. WIDEN	UTILITIES	FY 2023 -	\$120,000	(HSIP)
PROJ.CATEGORY	ROAD, ADD TURN LANE, AND INSTALL TRAFFIC	CONSTRUCTION	FY 2025 -	\$859,000	(HSIP)
REGIONAL	<u>ADD PROJECT BREAK AT THE REQUEST OF THE</u>			<u>\$1,099,000</u>	
	<u>TRANSPORTATION MOBILITY AND SAFETY DIVISION.</u>				

* HS-2010J	NC 73 (SAM FURR ROAD), SR 5544 (CATAWBA AVENUE)	CONSTRUCTION	FY 2023 -	\$108,000	(HSIP)
MECKLENBURG	INTERSECTION. INSTALL PEDESTRIAN			\$108,000	
PROJ.CATEGORY	ACCOMMODATIONS.				
REGIONAL	<u>ADD PROJECT BREAK AT THE REQUEST OF THE</u>				
	<u>TRANSPORTATION MOBILITY AND SAFETY DIVISION.</u>				

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**REVISIONS TO THE 2020-2029 STIP  
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**DIVISION 10**

* R-5790	VARIOUS, DIVISION 10 PROGRAM TO UPGRADE	CONSTRUCTION	FY 2022 -	\$200,000	(S)
MECKLENBURG	INTERSECTIONS TO COMPLY WITH THE AMERICANS		FY 2022 -	\$800,000	(TA)
STANLY	WITH DISABILITIES ACT (ADA) USING		FY 2023 -	\$200,000	(S)
CABARRUS	TRANSPORTATION ALTERNATIVES (TA) FUNDS.		FY 2023 -	\$800,000	(TA)
UNION	<u>ADD FUNDING IN FY 23 NOT PREVIOUSLY</u>			\$2,000,000	
ANSON	<u>PROGRAMMED.</u>				
PROJ.CATEGORY					
DIVISION					

* U-5769AA	NC 16 (PROVIDENCE ROAD SOUTH), SR 1307 (BONDS	RIGHT-OF-WAY	FY 2023 -	\$4,000,000	(T)
UNION	GROVE CHURCH RD) INTERSECTION. CONSTRUCT	UTILITIES	FY 2023 -	\$1,000,000	(T)
PROJ.CATEGORY	INTERIM SAFETY IMPROVEMENTS.	CONSTRUCTION	FY 2024 -	\$1,100,000	(HSIP)
REGIONAL	<u>SEGMENT U-5769A INTO SEGMENT AA.</u>			\$6,100,000	

**DIVISION 11**

* R-5791	VARIOUS, DIVISION 11 PROGRAM TO UPGRADE	CONSTRUCTION	FY 2022 -	\$200,000	(S)
AVERY	INTERSECTIONS TO COMPLY WITH THE AMERICANS		FY 2022 -	\$800,000	(TA)
ALLEGHANY	WITH DISABILITIES ACT (ADA) USING		FY 2023 -	\$200,000	(S)
SURRY	TRANSPORTATION ALTERNATIVES (TA) FUNDS.		FY 2023 -	\$800,000	(TA)
ASHE	<u>ADD FUNDING IN FY 23 NOT PREVIOUSLY</u>			\$2,000,000	
YADKIN	<u>PROGRAMMED.</u>				
WATAUGA					
WILKES					
CALDWELL					
PROJ.CATEGORY					
DIVISION					

**DIVISION 12**

BL-0033	NC 274 (TRYON COURTHOUSE ROAD), PINE SPRINGS	ENGINEERING	FY 2022 -	\$150,000	(CMAQ)
GASTON	DRIVE TO TRYON ELEMENTARY SCHOOL. CONSTRUCT		FY 2022 -	\$38,000	(L)
PROJ.CATEGORY	SIDEWALK ON WEST SIDE OF ROADWAY FROM PINE	RIGHT-OF-WAY	FY 2024 -	\$40,000	(CMAQ)
EXEMPT	SPRINGS TO COURT TERRACE. INSTALL MID-BLOCK		FY 2024 -	\$10,000	(L)
	CROSSWALK AND CONSTRUCT SIDEWALK ON EAST	CONSTRUCTION	FY 2024 -	\$1,159,000	(CMAQ)
	SIDE OF ROADWAY TO TRYON ELEMENTARY SCHOOL.		FY 2024 -	\$290,000	(L)
	<u>TO ALLOW ADDITIONAL TIME FOR PRELIMINARY</u>			\$1,687,000	
	<u>ENGINEERING. DELAY RIGHT-OF-WAY FROM FY 23 TO</u>				
	<u>FY 24 AND CONSTRUCTION FROM FY 23 TO FY 24.</u>				

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**REVISIONS TO THE 2020-2029 STIP  
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**DIVISION 12**

* C-5606M GASTON PROJ.CATEGORY EXEMPT	NEAL HAWKINS ROAD, CONSTRUCT SIDEWALK ON SOUTH SIDE OF NEAL HAWKINS ROAD FROM EXISTING SIDEWALK AT MARTHA RIVERS PARK TO EXISTING SIDEWALK AT VILAGE OF PARKSIDE, CONSTRUCT MID-BLOCK CROSSING SOUTH OF FORBES ROAD, AND CONSTRUCT SIDEWALK ON NORTH SIDE OF NEAL HAWKINS ROAD FROM THE MID-BLOCK CROSSWALK TO TO HAWK RIDGE DRIVE. <u>MODIFY PROJECT SCOPE.</u>	ENGINEERING  RIGHT-OF-WAY  CONSTRUCTION	FY 2023 - \$370,000 (CMAQ) FY 2023 - \$92,000 (L) FY 2024 - \$15,000 (CMAQ) FY 2024 - \$4,000 (L) FY 2025 - \$1,103,000 (CMAQ) FY 2025 - <u>\$276,000</u> (L) \$1,860,000
EB-5745 GASTON PROJ.CATEGORY DIVISION	SR 1255 (HUDSON BOULEVARD) FROM SR 2200 (GASTON DAY SCHOOL ROAD) TO SR 2466 (REDBUD DRIVE). SR 2466 (REDBUD DRIVE) FROM SR 1255 (HUDSON BOULEVARD) TO NC 279 (SOUTH NEW HOPE ROAD). CONSTRUCT SIDEWALK ON ONE SIDE. <u>TO ALLOW ADDITIONAL TIME FOR PRELIMINARY ENGINEERING. DELAY RIGHT-OF-WAY FROM FY 23 TO FY 24 AND CONSTRUCTION FROM FY 24 TO FY 25.</u>	ENGINEERING  RIGHT-OF-WAY  CONSTRUCTION	FY 2023 - \$246,000 (TA5200) FY 2023 - \$62,000 (L) FY 2024 - \$108,000 (TA5200) FY 2024 - \$27,000 (L) FY 2025 - \$240,000 (TA5200) FY 2025 - \$60,000 (L) FY 2026 - \$744,000 (TA5200) FY 2026 - <u>\$186,000</u> (L) \$1,673,000
EB-5768 GASTON PROJ.CATEGORY DIVISION	SOUTH MARIETTA STREET/ HILLTOP DRIVE, HUDSON BOULEVARD TO CLYDE STREET. CONSTRUCT SIDEWALK ON ONE SIDE OF ROAD. <u>TO ALLOW ADDITIONAL TIME FOR PRELIMINARY ENGINEERING. DELAY RIGHT-OF-WAY FROM FY 23 TO FY 24.</u>	ENGINEERING  RIGHT-OF-WAY  CONSTRUCTION	FY 2023 - \$252,000 (TA5200) FY 2023 - \$63,000 (L) FY 2024 - \$48,000 (TA5200) FY 2024 - \$12,000 (L) FY 2024 - \$1,008,000 (TA5200) FY 2024 - <u>\$252,000</u> (L) \$1,635,000
* HS-2012D ALEXANDER CATAWBA IREDELL PROJ.CATEGORY DIVISION	VARIOUS, INSTALL LONG LIFE PAVEMENT MARKINGS ON APPROXIMATELY 65 SECONDARY ROADS. <u>ADD PROJECT BREAK AT THE REQUEST OF THE TRANSPORTATION MOBILITY AND SAFETY DIVISION.</u>	CONSTRUCTION	FY 2023 - <u>\$3,615,000</u> (HSIP) \$3,615,000

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**REVISIONS TO THE 2020-2029 STIP  
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**DIVISION 12**

* HS-2012E	VARIOUS, INSTALL LONG LIFE PAVEMENT MARKINGS	CONSTRUCTION	FY 2023 -	\$2,675,000	(HSIP)
CLEVELAND	ON APPROXIMATELY 59 SECONDARY ROADS.			\$2,675,000	

LINCOLN	<u>ADD PROJECT BREAK AT THE REQUEST OF THE</u>
GASTON	<u>TRANSPORTATION MOBILITY AND SAFETY DIVISION.</u>

PROJ.CATEGORY

DIVISION

R-2707D	US 74 SHELBY BYPASS, EAST OF NC 150 TO EXISTING	BUILD NC ROW	FY 2023 -	\$86,000	(T)
CLEVELAND	US 74 WEST OF SR 2238 (LONG BRANCH ROAD).		FY 2024 -	\$86,000	(T)
PROJ.CATEGORY	GRADING, STRUCTURE, PAVING.		FY 2025 -	\$86,000	(T)
REGIONAL	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25%</u>		FY 2026 -	\$86,000	(T)
	<u>THRESHOLDS.</u>		FY 2027 -	\$86,000	(T)
			FY 2028 -	\$86,000	(T)
			FY 2029 -	\$86,000	(T)
			AFTER FY 2029 -	\$602,000	(T)
		BUILD NC CON	FY 2024 -	\$3,887,000	(T)
			FY 2025 -	\$3,887,000	(T)
			FY 2026 -	\$3,887,000	(T)
			FY 2027 -	\$3,887,000	(T)
			FY 2028 -	\$3,887,000	(T)
			FY 2029 -	\$3,887,000	(T)
			AFTER FY 2029 -	\$34,983,000	(T)
		CONSTRUCTION	FY 2025 -	\$11,948,000	(T)
			FY 2026 -	\$24,919,000	(T)
			FY 2027 -	\$19,033,000	(T)
				\$115,409,000	

R-2707E	US 74 SHELBY BYPASS, US 74 WEST OF SR 2238	BUILD NC ROW	FY 2023 -	\$86,000	(T)
CLEVELAND	(LONG BRANCH ROAD) TO WEST OF SR 1001 (STONE		FY 2024 -	\$86,000	(T)
PROJ.CATEGORY	POINT ROAD). GRADING, STRUCTURES, PAVING.		FY 2025 -	\$86,000	(T)
REGIONAL	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25%</u>		FY 2026 -	\$86,000	(T)
	<u>THRESHOLDS.</u>		FY 2027 -	\$86,000	(T)
			FY 2028 -	\$86,000	(T)
			FY 2029 -	\$86,000	(T)
			AFTER FY 2029 -	\$602,000	(T)
		CONSTRUCTION	FY 2024 -	\$15,624,000	(T)
			FY 2025 -	\$19,152,000	(T)
			FY 2026 -	\$12,600,000	(T)
			FY 2027 -	\$3,024,000	(T)
				\$51,604,000	

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**DIVISION 12**

* R-5792	VARIOUS, DIVISION 12 PROGRAM TO UPGRADE	CONSTRUCTION	FY 2022 -	\$200,000	(S)
CATAWBA	INTERSECTIONS TO COMPLY WITH THE AMERICANS		FY 2022 -	\$800,000	(TA)
CLEVELAND	WITH DISABILITIES ACT (ADA) USING		FY 2023 -	\$200,000	(S)
GASTON	TRANSPORTATION ALTERNATIVES (TA) FUNDS.		FY 2023 -	\$800,000	(TA)
IREDELL	<u>ADD FUNDING IN FY 23 NOT PREVIOUSLY</u>			\$2,000,000	
ALEXANDER	<u>PROGRAMMED.</u>				
LINCOLN					
PROJ.CATEGORY					
DIVISION					

TG-6792	GASTON TRANSIT, TRANSIT ENHANCEMENTS -	CONSTRUCTION	FY 2022 -	\$335,000	(L)
GASTON	PEDESTRIAN WALKWAYS		FY 2022 -	\$1,342,000	(5307)
PROJ.CATEGORY	<u>MODIFY FUNDING IN FY 22 AND FY 23 AT THE</u>		FY 2023 -	\$112,000	(L)
PUBLIC TRANS	<u>REQUEST OF THE MPO.</u>		FY 2023 -	\$447,000	(5307)
				\$2,236,000	

U-6238	EXTEND TRIVIUM PARKWAY AND CONSTRUCT NEW	CONSTRUCTION	FY 2023 -	\$1,316,000	(T)
CATAWBA	ROADWAY IN TRIVIUM CORPORATE CENTER.			\$1,316,000	
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR PRELIMINARY</u>				
DIVISION	<u>ENGINEERING. DELAY CONSTRUCTION FROM FY 22</u>				
	<u>TO FY 23.</u>				

**DIVISION 13**

HS-2013G	SR 1510 (HUDLOW ROAD), US 221A TO NC 64.	CONSTRUCTION	FY 2023 -	\$497,000	(HSIP)
RUTHERFORD	UPGRADE GUARDRAIL.			\$497,000	
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR PRELIMINARY</u>				
DIVISION	<u>ENGINEERING. DELAY CONSTRUCTION FROM FY 22</u>				
	<u>TO FY 23.</u>				

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**DIVISION 13**

* R-5793	VARIOUS, DIVISION 13 PROGRAM TO UPGRADE	CONSTRUCTION	FY 2022 -	\$200,000	(S)
YANCEY	INTERSECTIONS TO COMPLY WITH THE AMERICANS		FY 2022 -	\$800,000	(TA)
MITCHELL	WITH DISABILITIES ACT (ADA) USING		FY 2023 -	\$200,000	(S)
RUTHERFORD	TRANSPORTATION ALTERNATIVES (TA) FUNDS.		FY 2023 -	\$800,000	(TA)
MCDOWELL	<u>ADD FUNDING IN FY 23 NOT PREVIOUSLY</u>			\$2,000,000	
BUNCOMBE	<u>PROGRAMMED.</u>				
BURKE					
MADISON					
PROJ.CATEGORY					
DIVISION					

**DIVISION 14**

* EB-5858A	CONSTRUCT PEDESTRIAN BRIDGE OVER DAVIDSON	CONSTRUCTION	FY 2023 -	\$240,000	(TA5200)
TRANSYLVANIA	RIVER.		FY 2023 -	\$60,000	(L)
PROJ.CATEGORY	<u>SEGMENT EB-5858 INTO SEGMENTS A AND B.</u>			\$300,000	
DIVISION					

* EB-5858B	CONSTRUCT MULTI-USE PATH ON BOTH SIDES OF	CONSTRUCTION	FY 2023 -	\$720,000	(TA5200)
TRANSYLVANIA	NEW PEDESTRIAN BRIDGE OVER DAVIDSON RIVER.		FY 2023 -	\$180,000	(L)
PROJ.CATEGORY	<u>SEGMENT EB-5858 INTO SEGMENTS A AND B.</u>			\$900,000	
DIVISION					

HA-0002	MOUNTAIN INDUSTRIAL DRIVE EXTENSION,	RIGHT-OF-WAY	FY 2022 -	\$10,000	(ADHSL)
TRANSYLVANIA	CONSTRUCT ROAD EXTENSION IN JENNINGS	CONSTRUCTION	FY 2023 -	\$826,000	(ADHSL)
PROJ.CATEGORY	INDUSTRIAL PARK.			\$836,000	
EXEMPT	<u>TO ALLOW ADDITIONAL TIME FOR RIGHT-OF-WAY</u>				
	<u>ACQUISITION, DELAY CONSTRUCTION FROM FY 22 TO</u>				
	<u>FY 23.</u>				

* HS-2014F	SR 1100 (OLD HIGHWAY 64 WEST), SR 1135 (SETTAWIG	RIGHT-OF-WAY	FY 2023 -	\$16,000	(HSIP)
CLAY	ROAD) NEAR BRASSTOWN. WIDEN AND INSTALL	CONSTRUCTION	FY 2023 -	\$320,000	(HSIP)
PROJ.CATEGORY	GUARDRAIL.			\$336,000	
DIVISION	<u>ADD PROJECT BREAK AT THE REQUEST OF THE</u>				
	<u>TRANSPORTATION MOBILITY AND SAFETY DIVISION.</u>				

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**DIVISION 14**

* HS-2014G	NC 143, LONG HUNGRY ROAD INTERSECTION.	RIGHT-OF-WAY	FY 2023 -	\$2,000	(HSIP)
GRAHAM	IMPROVE ALIGNMENT AND SUPERELEVATION.	CONSTRUCTION	FY 2024 -	\$515,000	(HSIP)
PROJ.CATEGORY	<u>ADD PROJECT BREAK AT THE REQUEST OF THE</u>			\$517,000	
REGIONAL	<u>TRANSPORTATION MOBILITY AND SAFETY DIVISION.</u>				

* R-5794	VARIOUS, DIVISION 14 PROGRAM TO UPGRADE	CONSTRUCTION	FY 2022 -	\$200,000	(S)
SWAIN	INTERSECTIONS TO COMPLY WITH THE AMERICANS		FY 2022 -	\$800,000	(TA)
MACON	WITH DISABILITIES ACT (ADA) USING		FY 2023 -	\$200,000	(S)
TRANSYLVANIA	TRANSPORTATION ALTERNATIVES (TA) FUNDS.		FY 2023 -	\$800,000	(TA)
POLK	<u>ADD FUNDING IN FY 23 NOT PREVIOUSLY</u>			\$2,000,000	
HAYWOOD	<u>PROGRAMMED.</u>				
HENDERSON					
CLAY					
JACKSON					
CHEROKEE					
GRAHAM					
PROJ.CATEGORY					
DIVISION					

**STIP DELETIONS****DIVISION 10**

B-5372	SR 1706 (EAST 1ST STREET), REPLACE BRIDGE 120109	RIGHT-OF-WAY	FY 2024 -	\$481,000	(HFB)
CABARRUS	OVER US 29 (NORTH CANNON BOULEVARD).	CONSTRUCTION	FY 2025 -	\$4,500,000	(HFB)
PROJ.CATEGORY	<u>PROJECT TO BE FUNDED UNDER STATE BRIDGE</u>			\$4,981,000	
DIVISION	<u>PROGRAM.</u>				

B-5810	NC 24/NC 27, REPLACE BRIDGE 120022 OVER ROCKY	CONSTRUCTION	FY 2023 -	\$3,603,000	(HFB)
CABARRUS	RIVER.		FY 2024 -	\$3,397,000	(HFB)
PROJ.CATEGORY	<u>PROJECT TO BE FUNDED UNDER STATE BRIDGE</u>			\$7,000,000	
REGIONAL	<u>PROGRAM.</u>				

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**DIVISION 10**

B-5983	NC 160, REPLACE BRIDGE 590054 OVER SOUTHERN	RIGHT-OF-WAY	FY 2023 -	\$336,000	(HFB)
MECKLENBURG	RAILROAD.	UTILITIES	FY 2023 -	\$336,000	(HFB)
PROJ.CATEGORY	<u>PROJECT TO BE FUNDED UNDER STATE BRIDGE</u>	CONSTRUCTION	FY 2024 -	\$2,925,000	(HFB)
REGIONAL	<u>PROGRAM.</u>		FY 2025 -	\$2,470,000	(HFB)
			FY 2026 -	\$206,000	(HFB)
				\$6,273,000	

B-5984	NC 49, REPLACE BRIDGE 590088 OVER SOUTHERN	RIGHT-OF-WAY	FY 2023 -	\$354,000	(HFB)
MECKLENBURG	RAILROAD.	UTILITIES	FY 2023 -	\$354,000	(HFB)
PROJ.CATEGORY	<u>PROJECT TO BE FUNDED UNDER STATE BRIDGE</u>	CONSTRUCTION	FY 2024 -	\$3,194,000	(HFB)
REGIONAL	<u>PROGRAM.</u>		FY 2025 -	\$2,824,000	(HFB)
			FY 2026 -	\$349,000	(HFB)
				\$7,075,000	

**DIVISION 11**

B-4676	SR 1001 (OAKWOODS ROAD), REPLACE BRIDGE 960029	RIGHT-OF-WAY	FY 2023 -	\$700,000	(HFB)
WILKES	OVER CUB CREEK.	UTILITIES	FY 2023 -	\$400,000	(HFB)
PROJ.CATEGORY	<u>PROJECT TO BE FUNDED UNDER STATE BRIDGE</u>	CONSTRUCTION	FY 2024 -	\$33,000	(HFB)
DIVISION	<u>PROGRAM.</u>		FY 2025 -	\$1,500,000	(HFB)
			FY 2026 -	\$1,324,000	(HFB)
			FY 2027 -	\$394,000	(HFB)
				\$4,351,000	

B-5527	US 52 (NORTHBOUND LANE), REPLACE BRIDGE 850122	RIGHT-OF-WAY	FY 2023 -	\$400,000	(HFB)
SURRY	OVER TOMS CREEK AND REPLACE BRIDGE 850342	CONSTRUCTION	FY 2024 -	\$4,000,000	(HFB)
PROJ.CATEGORY	OVER OLD US 52 SOUTHBOUND EXIT RAMP.			\$4,400,000	
STATEWIDE	<u>PROJECT TO BE FUNDED UNDER STATE BRIDGE</u>				
	<u>PROGRAM.</u>				

BR-0002	NC 194, BRIDGE 040008 ON NC 194 OVER NORTH FORK	CONSTRUCTION	FY 2022 -	\$2,750,000	(HFB)
ASHE	NEW RIVER.		FY 2023 -	\$2,750,000	(HFB)
PROJ.CATEGORY	<u>PROJECT TO BE FUNDED UNDER STATE BRIDGE</u>			\$5,500,000	
REGIONAL	<u>PROGRAM.</u>				

BR-0048	NC 268, BRIDGE 850103 ON NC 268 OVER MITCHELL	CONSTRUCTION	FY 2022 -	\$2,126,000	(HFB)
SURRY	RIVER.		FY 2023 -	\$2,126,000	(HFB)
PROJ.CATEGORY	<u>PROJECT TO BE FUNDED UNDER STATE BRIDGE</u>			\$4,252,000	
REGIONAL	<u>PROGRAM.</u>				

\* INDICATES FEDERAL AMENDMENT

**REVISIONS TO THE 2020-2029 STIP  
HIGHWAY PROGRAM  
STIP DELETIONS**

**DIVISION 12**

B-5954	NC 127, REPLACE BRIDGE 010001 OVER DUCK CREEK.	RIGHT-OF-WAY	FY 2025 -	\$200,000	(HFB)
ALEXANDER	<u>PROJECT TO BE FUNDED UNDER STATE BRIDGE</u>	CONSTRUCTION	FY 2026 -	\$1,176,000	(HFB)
PROJ.CATEGORY	<u>PROGRAM.</u>		FY 2027 -	\$2,901,000	(HFB)
REGIONAL			FY 2028 -	\$624,000	(HFB)
				<u>\$4,901,000</u>	

B-6042	NC 150, REPLACE BRIDGE 540026 OVER S.A.L.	RIGHT-OF-WAY	FY 2025 -	\$290,000	(HFB)
LINCOLN	RAILROAD.	CONSTRUCTION	FY 2026 -	\$1,816,000	(HFB)
PROJ.CATEGORY	<u>PROJECT TO BE FUNDED UNDER STATE BRIDGE</u>		FY 2027 -	\$1,084,000	(HFB)
REGIONAL	<u>PROGRAM.</u>			<u>\$3,190,000</u>	

BR-0024	I-40, REPLACE BRIDGE 480102 ON I-40 WESTBOUND	CONSTRUCTION	FY 2026 -	\$2,750,000	(HFB)
IREDELL	OVER THIRD CREEK.		FY 2027 -	\$2,750,000	(HFB)
PROJ.CATEGORY	<u>PROJECT TO BE FUNDED UNDER STATE BRIDGE</u>			<u>\$5,500,000</u>	
STATEWIDE	<u>PROGRAM.</u>				

TG-6793	GASTONIA TRANSIT, TRANSIT ENHANCEMENTS	CONSTRUCTION	FY 2022 -	\$112,000	(L)
GASTON	SHELTERS		FY 2022 -	\$447,000	(5307)
PROJ.CATEGORY	<u>DELETE AT THE REQUEST OF MPO.</u>			<u>\$559,000</u>	
PUBLIC TRANS					

**DIVISION 13**

B-5895	US 25/70, REPLACE BRIDGE 560067 OVER THE FRENCH	CONSTRUCTION	FY 2023 -	\$4,150,000	(HFB)
MADISON	BROAD RIVER.		FY 2024 -	\$4,150,000	(HFB)
PROJ.CATEGORY	<u>PROJECT TO BE FUNDED UNDER STATE BRIDGE</u>			<u>\$8,300,000</u>	
REGIONAL	<u>PROGRAM.</u>				

B-5953	SR 1002 (OLD LEICESTER HWY), REPLACE BRIDGE	RIGHT-OF-WAY	FY 2023 -	\$250,000	(HFB)
BUNCOMBE	100649 OVER FRENCH BROAD RIVER AND SOUTHERN		FY 2024 -	\$500,000	(HFB)
PROJ.CATEGORY	RAILROAD.		FY 2025 -	\$250,000	(HFB)
DIVISION	<u>PROJECT TO BE FUNDED UNDER STATE BRIDGE</u>	CONSTRUCTION	FY 2024 -	\$2,719,000	(HFB)
	<u>PROGRAM.</u>		FY 2025 -	\$8,109,000	(HFB)
			FY 2026 -	\$6,380,000	(HFB)
			FY 2027 -	\$2,792,000	(HFB)
				<u>\$21,000,000</u>	

\* INDICATES FEDERAL AMENDMENT

Thursday, November 3, 2022



**REVISIONS TO THE 2020-2029 STIP  
HIGHWAY PROGRAM  
STIP DELETIONS**

**DIVISION 13**

B-6040	US 70, REPLACE BRIDGE 580127 OVER SOUTHERN	RIGHT-OF-WAY	FY 2023 -	\$420,000	(HFB)
McDOWELL	RAILROAD.	CONSTRUCTION	FY 2024 -	\$1,965,000	(HFB)
PROJ.CATEGORY	<u>PROJECT TO BE FUNDED UNDER STATE BRIDGE</u>		FY 2025 -	<u>\$2,235,000</u>	(HFB)
REGIONAL	<u>PROGRAM.</u>			\$4,620,000	

**DIVISION 14**

B-5982	US 74, REPLACE BRIDGE 430095 OVER SOUTHERN	CONSTRUCTION	FY 2024 -	\$1,940,000	(HFB)
HAYWOOD	RAILROAD.		FY 2025 -	\$5,548,000	(HFB)
PROJ.CATEGORY	<u>PROJECT TO BE FUNDED UNDER STATE BRIDGE</u>		FY 2026 -	<u>\$3,212,000</u>	(HFB)
STATEWIDE	<u>PROGRAM.</u>			\$10,700,000	

**ITEM N SUMMARY**

ADDITION	9	PROJECTS	\$269,673,000
MODIFICATION	76	PROJECTS	
DELETION	16	PROJECTS	\$102,602,000
	101	PROJECTS	\$167,071,000

\* INDICATES FEDERAL AMENDMENT

Thursday, November 3, 2022

November 3, 2022  
Board of Transportation Agenda – Special and Municipal Agreements

SUMMARY: There are a total of 37 agreements for approval by the Board of Transportation.

**Statewide**

CSX Transportation, Inc.  
(CSXT)

The Department and CSXT, on October 2, 2009, entered into a Roadway Master Construction Agreement (RMCA) which detailed the terms and conditions by which CSXT would proceed with the construction of rail projects within the State. This Supplement to the RMCA would update certain provisions that need to be amended with a number of statutory and regulatory provisions that have been passed and that activity under and to which the RMCA is subject. There is no cost to the Department for this supplement agreement.

**Division 1**

Camden County Visitor Center  
Camden County  
42931  
11335

This Agreement provides for the disbursement of funds allocated by the North Carolina General Assembly (NCGA) for operation costs of the Camden County Visitor Center located in Camden County. This Supplemental Agreement shall allocate an additional \$17,143 to the County for a total of \$160,000.

Partnership for the Sounds, Inc.  
Tyrrell County  
42931  
11339

This Agreement provides for the disbursement of funds allocated by the North Carolina General Assembly (NCGA) for operation costs of the Partnership for Sounds Visitor Center in Tyrrell County. This Supplemental Agreement shall allocate an additional \$17,143 to the Agency for a total of \$160,000.

**Division 2**

Coastal Carolina Regional  
Airport Authority  
Craven County  
50363  
11352

This Project consists of the preliminary engineering and design to update the Airport Land Use Plan for the improvements and realignment of Williams Road. The Airport Authority will perform the work. The Department will reimburse the Airport Authority an estimated cost of \$28,810.

November 3, 2022  
Board of Transportation Agenda – Special and Municipal Agreements

**Division 3**

Carteret County Tourism  
Development Authority  
Carteret County  
42931  
11351

This Agreement provides for the disbursement of funds allocated by the North Carolina General Assembly (NCGA) for operation costs of a Visitor Center in Carteret County. The Department shall reimburse the Authority approved eligible costs up to an annual maximum amount of \$160,000.

Southeastern Welcome Center,  
Inc.  
Brunswick County  
42931  
11337

This Agreement provides for the disbursement of funds allocated by the North Carolina General Assembly (NCGA) for operation costs of a Visitor Center in Brunswick County. This Supplemental Agreement shall allocate an additional \$17,143 to the Center for a total of \$160,000.

Horry County  
South Carolina Department of  
Transportation (SCDOT)  
Brunswick County  
44604  
11313

This Project consists of project development studies for the proposed Carolina Bays Parkway Extension extending from SC-31 (Carolina Bays Parkway) at SC-9 in Horry County, South Carolina to US 17 (Shallotte Bypass) at NC 904 in Brunswick County, North Carolina. This Supplemental agreement is to increase funding on the Project and clarify previous participation.

**Division 5**

Town of Rolesville  
Wake County  
U-6241  
49183.3.1  
49183.3.2  
11347

This Project consists of improvements along Main Street from Burlington Mills to Young Street. This Supplemental Agreement is to allocate additional funding from CAMPO in the amount of \$7,201,484 in STBG-DA funds. The Municipality shall provide the 20% non-federal match of \$1,800,371, an additional local participation of \$5,401,113, and all costs that exceed the total Project funding of \$20,599,663.

**Division 6**

Town of the Fair Bluff  
Columbus County  
42931  
11343

This Agreement provides for the disbursement of funds allocated by the North Carolina General Assembly (NCGA) for operation costs of a Visitor Center in Columbus County. This Supplemental Agreement shall allocate an additional \$17,143 to the Town for a total of \$110,000.

Town of Tabor City  
Columbus County  
42931  
11341

This Agreement provides for the disbursement of funds allocated by the North Carolina General Assembly (NCGA) for operation costs of a Visitor Center in Columbus County. This Supplemental Agreement shall allocate an additional \$17,143 to the Town for a total of \$110,000.

November 3, 2022  
Board of Transportation Agenda – Special and Municipal Agreements

**Division 6, cont.**

Town of Hope Mills  
Cumberland County  
HL-0036  
49660.1.1  
49660.3.1  
11322

This Project consists of constructing new sidewalk along NC 59 (Main Street) in Hope Mills. The Municipality is responsible for all phases of the Project. The Department will reimburse 80% of eligible costs from TAP funds up to \$399,200. The Municipality is responsible for the 20% non-federal match of \$99,800 and all costs that exceed the total Project funding of \$499,000.

**Division 7**

Town of Jamestown  
Guilford County  
EB-5519  
50035.1.1  
50035.3.1  
11333

This Project consists of the construction of greenway and sidewalk in Jamestown. This Supplemental Agreement is to provide additional funding and extend the completion date. The Department will reimburse an additional \$472,843 in TAP funds with a state match of \$118,211. The Municipality is responsible for all costs that exceed total available funding of \$2,107,050. The Municipality shall complete the Project by 11/30/2022 in lieu of 7/15/2022.

**Division 8**

Randolph County Tourism  
Development Authority  
Randolph County  
42931  
11345

This Agreement provides for the disbursement of funds allocated by the North Carolina General Assembly (NCGA) for operation costs of a Visitor Center in Randolph County. This Supplemental Agreement shall allocate an additional \$34,284 to the Authority for a total of \$220,000.

Aberdeen Carolina & Western  
Railroad (ACWR)  
Montgomery County  
80000.2.5.1  
RAIL

This Authorization Letter to the ACWR Master Agreement for Design and Construction of Highway-Rail Grade Crossing Traffic Control Warning Devices covers the construction of rail signal improvements to the rail crossing located at NC 109 Business – Smitherman Street (Crossing 728 935G, MP PS-323.65). ACWR will be responsible for construction of the improvements for the project. The total estimated cost of the project and to the Department is \$335,000.

Aberdeen Carolina & Western  
Railroad (ACWR)  
Montgomery County  
80000.2.5.2  
RAIL

This Authorization Letter to the ACWR Master Agreement for Design and Construction of Highway-Rail Grade Crossing Traffic Control Warning Devices covers construction of rail signal improvements to the rail crossing located at NC 109 Bypass – Bilhen Street (Crossing 728 932L, MP PS-324.40). ACWR will be responsible for the construction of the improvements for the project. The total estimated cost of the project and to the Department is \$335,000.

November 3, 2022  
Board of Transportation Agenda – Special and Municipal Agreements

**Division 8, cont.**

Hunt Transload Enterprises, LLC (Company) Lee County 80000.3.1.23 RAIL	This Rail Industrial Access Agreement covers the construction of an industrial rail spur to Hunt Transload Enterprises, LLC (Hunt). The Company will be responsible for the construction of the project. The total estimated cost of the project is \$900,000, and the total estimated cost to the Department is \$200,000.
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**Division 9**

Town of Kernersville Forsyth County BL-0014 49476.1.1 49476.2.1 49476.3.1 11320	The Project consists of the construction of approximately 1,300 linear feet of 5' sidewalk along one side of S. Cherry Street connecting existing sidewalk segments. The Municipality is responsible for all phases of the project. The Department will reimburse 80% of eligible costs up to \$2,209,481 with STBG-DA funds. The Municipality shall provide a 20% non-federal match and all costs that exceed \$2,761,852.
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Town of Kernersville Forsyth County HL-0015 49483.1.1 49483.2.1 49483.3.1 11321	The Project consists of the construction of a turn-lane between the Kernersville YMCA and Deere-Hitachi's east entrance and extending the sidewalk from Beaucrest Street to Asbury Drive. The Municipality is responsible for all phases of the project. The Department will reimburse 80% of eligible costs up to \$3,427,347 with STBG-DA funds. The Municipality shall provide a 20% non-federal match and all costs that exceed \$4,284,184.
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City of Winston-Salem Forsyth County BL-0018 49480.1.1 49480.2.1 49480.3.1 10959	The Project consists of the design and construction of sidewalk along Brewer Road from Buchanan Street to Clemmons Road in Winston-Salem. The Department will participate in 80% of eligible costs up to \$2,435,000 with STBG-DA funds. The Municipality shall provide a 20% non-federal match of \$609,000 and all costs that exceed the total available funding of \$3,044,000
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**Division 10**

Norfolk Southern Railway Company (NSR) Mecklenburg County U-5873 46425.3.1 RAIL	This Construction Agreement covers the construction of roadway improvements to NC 115 underneath a NSR Structure that includes grading, drainage, and surfacing at or near Milepost O-20.80. The Work includes construction engineering and flagging for the project. The Department will perform the work and NSR will provide flagging as needed. The total estimated cost to the Department is \$110,263.
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November 3, 2022  
Board of Transportation Agenda – Special and Municipal Agreements

**Division 10, cont.**

Aberdeen Carolina & Western  
Railroad (ACWR)  
Stanly County  
80000.2.5.3  
RAIL

This Authorization Letter to the ACWR Master Agreement for Design and Construction of Highway-Rail Grade Crossing Traffic Control Warning Devices covers the construction of a rail signal system and safety device improvements to the rail crossing located at SR 1766 – Fork Road (Crossing 728 877N, MP PS-343.60). ACWR will be responsible for the construction of the improvements for the project. The total estimated cost of the project and to the Department is \$335,000.

Town of Mount Pleasant  
Cabarrus County  
BL-0043  
49908.1.1  
49908.3.1  
11319

This Project consists of the construction of approximately 900 feet of sidewalk with curb and gutter along N. Washington Street and two 12-foot shared travel lanes with bike sharrows. The Municipality is responsible for all phases of the project. The Department will reimburse 80% of eligible costs up to \$510,072. The Municipality shall provide a 20% non-federal match and all costs that exceed \$637,590.

Aberdeen Carolina & Western  
Railroad (ACWR)  
Stanly County  
80000.2.5.4  
RAIL

This Authorization Letter to the ACWR Master Agreement for Design and Construction of Highway-Rail Grade Crossing Traffic Control Warning Devices covers the construction of a rail signal system improvements to the rail crossing located at SR 1765 – Lanier Road (Crossing 728 876G, MP PS-343.70). ACWR will be responsible for the construction of the improvements for the project. The total estimated cost of the project and to the Department is \$335,000.

Aberdeen Carolina & Western  
Railroad (ACWR)  
Stanly County  
80000.2.5.5  
RAIL

This Authorization Letter to the ACWR Master Agreement for Design and Construction of Highway-Rail Grade Crossing Traffic Control Warning Devices covers the construction of a rail signal system and safety device improvements to the crossing located at SR 1768 – Piney Point Road (Crossing 728 879C, MP PS-343.00). ACWR will be responsible for the construction of the improvements for the project. The total estimated cost of the project and to the Department is \$335,000.

November 3, 2022  
Board of Transportation Agenda – Special and Municipal Agreements

**Division 10, cont.**

Aberdeen Carolina & Western  
Railroad (ACWR)  
City of Charlotte (Municipality)  
Mecklenburg County  
80000.2.5.6  
RAIL

This Authorization Letter to the ACWR Master Agreement for Design and Construction of Highway-Rail Grade Crossing Traffic Control Warning Devices covers the construction of a rail signal system and safety device improvements to the crossing located at Tipperary Place (Crossing 726 798V, MP PS-383.60). In conjunction with this Agreement, The Department and the City of Charlotte will enter into a Contingent Interest Agreement and Instrument of Indebtedness (CIA) to secure a lien on the project assets for five (5) years. The total estimated cost of the project and to the Department is \$335,000.

Aberdeen Carolina & Western  
Railroad (ACWR)  
City of Charlotte (Municipality)  
Mecklenburg County  
80000.2.5.7  
RAIL

This Authorization Letter to the ACWR Master Agreement for Design and Construction of Highway-Rail Grade Crossing Traffic Control Warning Devices covers the construction of a rail signal system improvements and preemption to the rail crossing located at Anderson Street (Crossing 726 794T, MP PS-385.80). In conjunction with this Agreement, the Department and the City of Charlotte will enter into a Contingent Interest Agreement and Instrument of Indebtedness (CIA) to secure a lien on the project assets for five (5) years. The total estimated cost of the project and to the Department is \$335,000.

Village of Marvin  
Union County  
BL-0012  
49487.1.1  
49487.2.1  
49487.3.1  
11323

The Project consist of the construction of Pedestrian Improvements along SR 3635 (Marvin Road) at Saddle Avenue to SR 1316 (Marvin School Road) at Yellow Jasmine Lane. The Municipality is responsible for all phases of the project. The Department will reimburse 60% of eligible costs up to \$1,025,000. The Municipality shall provide a 40% non-federal match and all costs that exceed \$1,710,000.

Aberdeen Carolina & Western  
Railroad (ACWR)  
Mecklenburg County  
80000.2.5.8  
RAIL

This Authorization Letter to the ACWR Master Agreement for Design and Construction of Highway-Rail Grade Crossing Traffic Control Warning Devices covers the construction of a rail signal system and safety device improvements to the rail crossing located at SR 2940 – Eastway Drive (Crossing 726 797N, MP PS-385.00). The total estimated cost of the project and to the Department is \$335,000.

November 3, 2022  
Board of Transportation Agenda – Special and Municipal Agreements

**Division 10, cont.**

Aberdeen Carolina & Western  
Railroad (ACWR)  
Mecklenburg County  
80000.2.5.9  
RAIL

This Authorization Letter to the Master Agreement for Design and Construction of Highway-Rail Grade Crossing Traffic Control Warning Devices covers the construction of rail signal system improvements to the rail crossing located at SR 2805 – Harrisburg Road (Crossing 726808Y, MP PS-379.21). The total estimated cost of the project and to the Department is \$335,000.

City of Charlotte  
Mecklenburg County  
B-5931  
50152.1.1  
50152.2.1  
50152.3.1  
11325

This Project consists of replacing Bridge #443 on Morris Field Drive over the Norfolk Southern Railroad in Charlotte. This Supplemental Agreement is to provide an additional \$857,352 in Federal funds and \$214,338 in State funds as the non-federal match. The Municipality is responsible for all costs that exceed the total available funding of \$4,171,690.

**Division 11**

N.C. High Country Host  
Watauga County  
42931  
11345

This Agreement provides for the disbursement of funds allocated by the North Carolina General Assembly (NCGA) for operation costs of the High-Country Regional Visitor Center in Watauga County. This Supplemental Agreement shall allocate an additional \$17,143 to the Agency for a total of \$160,000.

Northwest NC Visitor Center  
Wilkes County  
42931  
11344

This Agreement provides for the disbursement of funds allocated by the North Carolina General Assembly (NCGA) for operation costs of the Northwest North Carolina Visitor Center in Wilkes County. This Supplemental Agreement shall allocate an additional \$17,143 to the Authority for a total of \$110,000.

**Division 13**

McDowell Chamber of  
Commerce  
McDowell County  
42931  
11340

This Agreement provides for the disbursement of funds allocated by the North Carolina General Assembly (NCGA) for operation costs of the McDowell County Visitor Center in McDowell County. This Supplemental Agreement shall allocate an additional \$17,143 to the Chamber for a total of \$160,000.



November 3, 2022  
Board of Transportation Agenda – Special and Municipal Agreements

**Division 13, cont.**

Land of Sky Regional Council  
of Governments  
Buncombe County  
HO-0003  
49866.1.1  
11348

This Project consists of working through the Regional Clean Air Campaign and Land of Sky Clean Vehicles Coalition to implement a comprehensive education and outreach program in the communities adjacent to the Great Smoky Mountains National Park. This Supplemental Agreement is to reimburse an additional \$100,000 in CMAQ funds. The COG is responsible for providing \$25,000, or 20% as their local match and all costs that exceed the new total available funding of \$250,000.

**Division 14**

AT&T  
Haywood County  
U-5839  
50230.1.1  
50230.3.1  
100016478

This Project consists of the design and utility installation of conduits on Railroad Bridge and Ross Bridge. The Department shall perform the design and construction work. The Agency shall provide a lump sum payment of 220,484.15 to the Department.

Smoky Mountain Host  
Macon County  
42931  
11336

This Agreement provides for the disbursement of funds allocated by the North Carolina General Assembly (NCGA) for operation costs of the Macon County Visitor Center in Macon County. This Supplemental Agreement shall allocate an additional \$17,143 to the County for a total of \$160,000.

NCDA – Division of Forest  
Services  
Transylvania County  
42931  
11342

This Agreement provides for the disbursement of funds allocated by the North Carolina General Assembly (NCGA) for operation costs of the Dupont State Forest Visitor Center located off Route Dupont State Forest in Transylvania County. This Supplemental Agreement shall allocate an additional \$17,143 to the Forest Service for a total of \$135,000.

November 3, 2022  
Board of Transportation Agenda – Special and Municipal Agreements

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

**Division 1**

Town of Lewiston-Woodville  
Bertie County  
11326

This Agreement is to allow Disaster Related Debris Removal by the Municipality during a State or Disaster or Imminent Threat of Disaster and/or a State Emergency. The Municipality shall remove and dispose of disaster related debris on all released State Routes. The Municipality shall apply directly to FEMA for reimbursement of eligible debris removal costs.

Town of Winton  
Hertford County  
11327

This Agreement is to allow Disaster Related Debris Removal by the Municipality during a State or Disaster or Imminent Threat of Disaster and/or a State Emergency. The Municipality shall remove and dispose of disaster related debris on all released State Routes. The Municipality shall apply directly to FEMA for reimbursement of eligible debris removal costs.

Town of Roxobel  
Bertie County  
11328

This Agreement is to allow Disaster Related Debris Removal by the Municipality during a State or Disaster or Imminent Threat of Disaster and/or a State Emergency. The Municipality shall remove and dispose of disaster related debris on all released State Routes. The Municipality shall apply directly to FEMA for reimbursement of eligible debris removal costs.

**Division 2**

Two Farms Inc  
Craven County  
36249.4563  
1000015721

This Project consists of modifying the existing roadway and traffic signal in accordance with approved Driveway Permit for Royal Farms Development. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% of the costs for the work. The estimated reimbursement is \$10,000.

**Division 3**

Fairfield Mixed-Use LLC  
New Hanover County  
36249.4911  
1000014617

This Project consists of a signal review and inspection for signal installation at US 421 (Carolina Beach Road) and McCarley Boulevard (non-system) related to the Meridian Station development. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% of the costs for the work. The estimated reimbursement is \$5,000.

November 3, 2022  
Board of Transportation Agenda – Special and Municipal Agreements

**Division 3, cont.**

Town of Caswell Beach  
Brunswick County  
36249.4574  
1000016225

This Project consists of the Installation of pavement markings and signage for a high visibility crosswalk on SR 1100 (Caswell Beach Rd) at Bob Spake Way beach access, approximately 1,550 feet south of Pinehurst Drive, to be completed by Department forces. The Department will review the pavement marking installation. The Town shall reimburse the Department 100% of the costs for the work. The estimated reimbursement is \$3,000.

Town of Topsail Beach  
Pender County  
11251

This Agreement serves to document that ownership and maintenance of the pedestrian warning sign flashers on NC 50 (Anderson Boulevard) is the responsibility of the Town of Topsail Beach.

Glandon Forest Equity LLC  
Duplin County  
36249.4573  
1000016226

This Project consists of the installation of pavement markings, signage, and completion of roadway work for an all-way stop at the intersection NC 111 & SR 1306 (Outlaw Bridge Road). The Department will perform the pavement marking installation. The Developer shall reimburse the Department 100% of the costs for the work. The estimated reimbursement is \$50,000.

Village of St. Helena  
Pender County  
11329

This Agreement is to allow Disaster Related Debris Removal by the Municipality during a State or Disaster or Imminent Threat of Disaster and/or a State Emergency. The Municipality shall remove and dispose of disaster related debris on all released State Routes. The Municipality shall apply directly to FEMA for reimbursement of eligible debris removal costs.

**Division 4**

Johnston County Schools  
Johnston County  
R-3825B  
34452.3.5  
1000016408

This Project consists of the installation of approximately 250 LF of guardrail at East Clayton Elementary. The School shall reimburse the Department 50% of the estimated cost of work. The estimated cost of the Project is \$16,483.50.

**Division 5**

City of Raleigh  
Wake County  
C-5604OB  
43714.1.2  
43714.3.4  
11349

This Project consists of purchase and installation of bikeshare system within downtown Raleigh. This Supplemental Agreement is to allow additional time to close-out the Project and request final reimbursement. The Municipality has until May 31, 2023, in lieu of April 19, 2022 to complete the Project.

November 3, 2022

November 3, 2022  
Board of Transportation Agenda – Special and Municipal Agreements

**Division 5, cont.**

City of Durham  
Durham County  
C-5605E  
43725.3.6  
11353

This Project consists of striping eight miles of bicycle lanes in Durham. This Supplemental Agreement is to extend the completion date to July 1, 2024 in lieu of September 9, 2022.

City of Durham  
Durham County  
C-5605I  
43725.1.8  
43725.3.10  
11354

This Project consists of establishing seven miles of signed and marked neighborhood bicycle routes in central Durham. This Supplemental Agreement is to extend the completion date to July 1, 2024 in lieu of November 30, 2022.

Triad Educational Services, Inc.  
Wake County  
36249.4578  
1000016379

This Project consists of a new signal installation at the intersection of US 64 Eastbound at New Hill Olive Chapel Road in Apex. 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.

DTS Land Class I, LLC  
Wake County  
36249.4579  
1000016420

This Project consists of two new signals at the intersections of South Saunders at Hubert Street and South Saunders at Centerline Street in Downtown Raleigh and connect both signals to the Raleigh signal system. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% of the costs for the work. The estimated reimbursement is \$10,000.

LCG2MF Morrisville 2  
Apartments, LLC  
Wake County  
36249.4570  
1000016007

The Project consists of a new metal pole designed signal at the McCrimmon Parkway and Odyssey Drive intersection, based on road extensions associated with developments on north and south side of McCrimmon Parkway. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% of the costs for the work. The estimated reimbursement is \$5,000.

City of Durham  
Durham County  
5RE.103215 & 5RE.203215  
11332

This Project consists of routine maintenance and mowing of roads and rights of way in the State Highway System within the municipal limits of the City of Durham. The Municipality shall perform the work. The Department shall reimburse the Municipality \$9,593.09 per cycle for five years.

*November 3, 2022*  
Board of Transportation Agenda – Special and Municipal Agreements

**Division 6**

Ashland Construction Company  
Cumberland County  
36249.4569  
1000016239

This Project consist of the installation of a new traffic signal at the intersection of North Main Street and Village Shopping Center Driveway as well as the communication plans to connect to the existing signal at the intersection of North Main Street and Camden Road in Cumberland County. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% of the costs for the work. The estimated reimbursement is \$10,000.

**Division 7**

350 South, LLC  
Guilford County  
36249.4479  
1000013610

This Project consists of the installation of a new traffic signal at the intersection of SR 1850 (Sandy Ridge Road) and SR 1556 (Gallimore Dairy Road) at the proposed site access of High Point North Industrial Center in Greensboro. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% of the costs for the work. The estimated reimbursement is \$5,000.

**Division 9**

City of King  
Forsyth County  
36248.291  
1000016424

The Project consists of work as needed on Municipal Streets as requested by the Municipality. The specific work requested at this time includes resurfacing of White Road within the City limits of King. The Department shall be responsible for all phases of the project, which include planning, design, construction, and contract administration. All work shall be done in accordance with Departmental standards, specifications, policies, and procedures. The Municipality shall reimburse the Department 100% of the costs for the work. The estimated reimbursement to the Department is \$146,107.

DPJ Residential LLC  
Forsyth County  
36249.4575  
1000016283

This Project consists of upgrading Signal 09-0062 SR 2456 (Liberty Street at SR 2579 (Patterson Street) to provide a westbound protected /permitted left turn movement and a northbound right turn overlap. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% of the costs for the work. The estimated reimbursement to the Department is \$3,000.

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**Division 9, cont.**

City of Lexington  
Davidson County  
22S.029  
11314

This Agreement addresses winter weather maintenance of “Subject Roads and Rights of Way Snow and Ice Routes” in the State Highway System. The Municipality shall perform the winter weather maintenance. The Department shall reimburse the Municipality up to \$29,400 per year.

**Division 10**

D.R. Horton, Inc.  
Union County  
36249.4551  
1000015347

This Project consists of a review and inspection of new traffic signal installations at Indian Trail Road and Poplin Road at the Monroe Expressway eastbound ramps. 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 to the Department is \$12,000.

**Division 11**

Caldwell County  
R-3430B  
11331

The Project consists of the construction of a new parallel bridge over the Catawba River on SR 1001 (Connelly Springs Road). At the request of the County, the Department will construct a 10' wide multi-use path (MUP) along the Project. The County shall be responsible for all maintenance for the MUP.

**Division 12**

City of Mooresville  
Iredell County  
12.1049SM  
12.2049SM  
9873

This Municipal Operations Agreement (Schedule C) provides for the municipal operation of State-owned traffic signals at certain intersections on the State Highway System Streets located within or near the City of Mooresville. The Department shall pay the Municipality an annual approved cost for the traffic control system operation, maintenance, and administrative costs as per the Agreement.

City of Belmont  
Gaston County  
C-5505  
45498.2.3  
11316

This Project consists of constructing a multi-use path along the abandoned NCDOT Railroad line connecting into the Belmont Rail Trail from Woodlawn Avenue to Belmont Abbey College and Downtown. This Supplemental Agreement is to extend the completion date by 9/30/2025 in lieu of 9/6/2019.

**Division 13**

Town of Valdese  
Burke County

The Project consists of the construction of a new parallel bridge over the Catawba River on SR 1001 (Connelly

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R-3430B  
11330

Springs Road). At the request of the Municipality, the Department will construct a 10' wide multi-use path (MUP) along the Project. The Municipality shall be responsible for all maintenance for the MUP.

**Division 14**

Henderson County Public  
Schools  
Henderson County  
36249.4540  
1000015005

The Project consists of the purchase, installation, and maintenance of flashers for Atkinson Elementary and Dana Elementary Schools. The Department will perform the installation. The School will reimburse the Department 100% of actual costs. The estimated reimbursement to the Department is \$38,779.30.

## NCDOT November 2022 Board of Transportation Agenda

### Municipal Street System Changes for the Powell Bill Program

#### Deletions from the State Highway System

Division	County	Municipality	Road	Termini	Length
12	Cleveland	Boiling Springs	SR 1165; James Lovelace Road	From 0.06 miles east of current end of maintenance to current end of maintenance	0.06

File Name: CLEVELAND\_2022\_11\_M001

7	Guilford	Greensboro	SR 4121; Gate City Boulevard	From I-40 west bound Ramp to SR 4239 (Patterson Street)	1.02
7	Guilford	Greensboro	SR 4240; Gate City Boulevard	From 4239 (Patterson Street) to Coliseum Boulevard	0.43

File Name: GUILFORD\_2022\_11\_M001

Total Miles = 1.51

#### Additions to the State Highway System

Division	County	Municipality	Road	Termini	Length
10	Mecklenburg	Cornelius	Holiday Lane	From US 21 (Catawba Avenue) to Sterling Bay Lane	0.19

File Name: MECKLENBURG\_2022\_11\_M001

Total Miles = 0.19



## **NCDOT November 2022 Board of Transportation Agenda**

<b><u>No.</u></b>		<b><u>Enacted Page No.</u></b>
<b>1</b>	<b>Preliminary Right of Way Plans</b>	<b>R-1 - R-2</b>
<b>2</b>	<b>Final Right of Way Plans</b>	<b>R-3 - R-4</b>
<b>3</b>	<b>Conveyance ROW Residue by Real Estate Agent and/or Auctioneer</b>	<b>R-5 - R-9</b>
<b>4</b>	<b>Approval of Conveyance of Highway Right of Way Residues</b>	<b>R- 10</b>
<b>5</b>	<b>Approval of Conversion of Residual Area to Highway Right of Way</b>	<b>R-11</b>
<b>6</b>	<b>Approval of Advance Acquisition of Highway Right of Way</b>	<b>R-12</b>
<b>7</b>	<b>Award of Contracts to Private Firms for Engineering Services</b>	<b>R-13</b>

**Preliminary Right of Way Plans**

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

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

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

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

**(Division 2)**

**Pamlico County; I.D. No. B-5995; Project No. 48190.2.1:**  
Replace Bridge No. 57 over Dawson Creek on SR 1302

**(Division 5)**

**Durham County; I.D. No. P-5717; Project No. 46929.2.2:**  
Norfolk Southern H Line Crossing 734 742W at SR 1121 (Cornwallis Road) in Durham

**Wake County; I.D. No. U-6022; Project No. 47184.2.2:**  
Town of Fuquay-Varina, Construct Townwide ITS/Signal System (Utilities)

**(Division 6)**

**Cumberland County; I.D. No. HS-2006C; Project No. 49312.2.6:**  
NC 53 (Cedar Creek Road) from north of Plymouth Street to south of Troy Drive

**(Division 7)**

**Rockingham County; I.D. No. B-5716; Project No. 45672.2.1:**  
Replace Bridge No. 140 over Dan River on SR 1138

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

**(Division 7) (Continued)**

**Alamance County; I.D. No. U-6013; Project No. 47158.2.5:**

NC 119 from SR 1981 (Trollingwood-Hawfields 8700 Road) SR 2126 (Old Hillsborough Road) to Lowes Boulevard in Mebane (Utilities)

**(Division 8)**

**Chatham County; I.D. No. R-5930; Project No. 48548.2.1:**

New Route from Country Routt Brown Road to US 15 / US 501

**Chatham County; I.D. No. R-5930; Project No. 48548.2.2:**

New Route from Country Routt Brown Road to US 15 / US 501(Utilities)

**(Division 9)**

**Forsyth County; I.D. No. R-2247CB; Project No. 34409.2.7:**

Winston-Salem Northern Beltway from North of the US 421 Interchange to SR 1314 (Robinhood Road)

**Forsyth County; I.D. No. R-2247D; Project No. 34409.2.10:**

Winston-Salem Northern Beltway (Western Section) from SR 1184 (Robin Hood Road – Meadowlark Drive) to NC 67

**(Division 10)**

**Mecklenburg County; I.D. No. HL-0025; Project No. 49491.2.1:**

Greylock Ridge Road from East John Street to East Charles Street

**Mecklenburg County; I.D. No. U-5765; Project No. 50178.2.1:**

NC 73 (Sam Furr Road) from SR5544 (West Catawba Avenue) to SR 2316 (Northcross Avenue)

**Union County; I.D. No. P-5748B; Project No. 48336.2.5:**

CSX SG Line at SR 1300 (Helms Road) Intersection (Utilities)

**(Division 11)**

**Yadkin County; I.D. No. R-5912; Project No. 48467.2.1:**

SR 1605 (Old US 421) at SR 1600 (Falcon Road)

**Yadkin County; I.D. No. R-5912; Project No. 48467.2.2:**

SR 1605 (Old US 421) at SR 1600 (Falcon Road) (Utilities)

**(Division 13)**

**Buncombe County; I.D. No. I-2513AC; Project No. 34165.2.19:**

I-26 / I-240 North of I-40 to SR 3548 (Haywood Road) (Utilities)

**Final Right of Way Plans**

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

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

**(Division 4)****Project No. 45625.2.1; Nash County; I.D. No. B-5670:**

Drainage, grading, paving and structure on Bridge 29 over the Tar River on US 64 Alternate with the right of way indicated upon the final plans for said project.

**Project No. 54016.2.1; Wayne County; I.D. No. U-5724:**

Culvert, drainage, grading, paving and signals on US 13 (Berkeley Blvd) – realignment of SR 1709 (Central Heights Road) at Berkeley Boulevard with the right of way indicated upon the final plans for said project.

**(Division 5)****Project No. 46032.2.2; Wake County; I.D. No. B-5318:**

Drainage, grading, paving and structure. Replace Bridge 910126 over Smiths Creek SR 2044 (Ligon Mill Road) in Wake Forest with the right of way indicated upon the final plans for said project.

**(Division 6)****Project No. 47532.2.3; Harnett County; I.D. No. I-5986B:**

Grading, paving, drainage, signals, culverts and structures on I-95 from north of SR 1002 (Long Branch Road) (Exit 71) to I-40 (Exit 81). Widen to eight lanes with the right of way indicated upon the final plans for said project.

**Final Right of Way Plans (Continued)****(Division 10)****Project No. 40325.2.46; Cabarrus County; I.D. No. Y-4810K:**

Drainage, grading, paving, retaining wall, signals and structure. Grade separation at SR 1625 (Rogers Lake Road) over NS/NCRR Railroad and closure at grade crossing (No. 724408Y) in Kannapolis at milepost 350.73 with the right of way indicated upon the final plans for said project.

**Project No. 44990.2.2; Mecklenburg County; I.D. No. I-5973:**

Drainage, grading, paving and signals. I-485 at NC 16 (Brookshire Boulevard) with right of way indicated upon the final plans for said project. (Previously on September agenda. Bids rejected.)

**(Division 14)****Project No. 32572.2.15; Graham County; I.D. No. A-0009CC:**

Drainage, grading, paving, culverts and retaining walls on NC 143 from 0.5 miles of Appalachian Trail to NC 28; NC 28 from 0.2 miles west of NC 143 to 0.3 miles east of SR 1235 (Gunters Gap Road) with the right of way indicated upon the final plans for said project. (Previously on October agenda and pulled.)

**Project No. 67029.2.1; Macon County; I.D. No. BR-0029:**

Drainage, grading, paving and structure on bridge 550026 on NC 106 over Middle Creek with the right of way indicated upon the final plans for said project.

**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 1)**

**Project 80079, Parcel 001, US-158 from the Murfreesboro Bypass to US-13 West of Winton**

**Bertie County**

Conveyance of an approximate 1.270 acre area comprised of one (1) B-class residue, having a value of \$1,100.00 to **Carl E. McClellan and McClellan Family** for the highest offer amount of **\$1,150.00**; no additional fees required. This residue was acquired for \$175.00 in 2019.

**Project R-2583, Parcel 073, US-158 from the Murfreesboro Bypass to US-13 West of Winton**

**Hertford County**

Conveyance of an approximate 0.120 acre area comprised of one (1) C-class residue, having a value of \$100.00 to **Brittney Danielle Baker** for the highest offer amount of **\$233.00**; no additional fees required. This residue was acquired for \$100.00 in 2012.

**Project R-2583, Parcel 108,109,110, US-158 from the Murfreesboro Bypass to US-13 West of Winton**

**Hertford County**

Conveyance of an approximate 1.067 acre area comprised of three (3) B-class residues, having a value of \$7,200 to **ZBI Solutions L.L.C.** for the highest offer amount of **\$7,642.00**; no additional fees required. These residues were acquired for \$300.00 in 2012.

**Project 058SR1504, Parcel 001, SR-1504 West Islands Road**

**Martin County**

Conveyance of an approximate 0.070 acre area comprised of one (1) C-class residue, having a value of \$500 to **Stacey J. Short and Bobby E. Short** for the highest offer amount of **\$500.00**; no additional fees required. This residue was acquired for \$161.00 in 2012.

**Project R-3850, Parcel 004, Interchange at SR-1140 (Okisko Road) and US-17 South of Elizabeth City**

**Pasquotank County**

Conveyance of an approximate 1.560 acre area comprised of one (1) B-class residue, having a value of \$8,700.00 to **Williamson & King LLC** for the highest offer amount of **\$9,592.00**; no additional fees required. This residue was acquired for \$4,375.00 in 2002.

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

**Auctioneer (Continued)**

**(Division 1) (Continued)**

**Project R-1009, Parcel 051A, US-17 from SR-1300 in Winfall to SR-1367 Near Woodville**

**Perquimans County**

Conveyance of an approximate 0.700 acre area comprised of one (1) C-class residue, having a value of \$1,200.00 to **Williamson & King LLC** for the highest offer amount of **\$1,612.00**; no additional fees required. This residue was acquired for \$1,071.00 in 1988.

**(Division 5)**

**Project U-0071, Parcel 00Q, Durham East End Connector from NC-147 (Buck Dean Freeway) to North of NC-98**

**Durham County**

Conveyance of an approximate 0.183 acre area comprised of one (1) C-class residue, having a value of \$7,500.00 to **Brian Wasikowski** for the highest offer amount of **\$6,750.00**; no additional fees required. This residue was acquired in conjunction with a property acquisition for a settlement of \$15,000.00 in 1995.

**Division 6)**

**Project X-0002C, Parcel 024, Fayetteville Outer Loop from 1.3 Miles East of NC-87/210 to West of US-401**

**Cumberland County**

Conveyance of an approximate 0.150 acre area comprised of one (1) B-class residue, having a value of \$2,500.00 to **Girish Sai Jeepalem and Krishna Santhi Ariyareddy** for the highest offer amount of **\$2,500.00**; no additional fees required. This residue was acquired for \$2,600.00 in 2007.

**(Division 7)**

**Project R-0609D, Parcel 039, 041, US-311 High Point East Belt from West of High Point Reservoir to 2,000 feet West of NC-68**

**Guilford County**

Conveyance of an approximate 1.733 acre area comprised of one (1) A-class residue and one (1) C-class residue, having a value of \$26,800.00 to **Gregory and Regina W. Orlik** for the highest offer amount of **\$35,636.00**; no additional fees required. These residues were acquired in conjunction with a property acquisition for a settlement of \$89,000.00 in 1989.

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

Auctioneer (Continued)

(Division 7) (Continued)

**Project U-2412B, Parcel 126, Greensboro/High Point SR-1486/1421  
(Greensboro/High Point Road) from SR-4228 (Vickrey Chapel Road) to SR-1424  
(Hilltop Road)(Combine with U-2524AE)**

**Guilford County**

Conveyance of an approximate 0.397 acre area comprised of one (1) A-class residue, having a value of \$238,375.00 to **MA Investment Group LLC** for the highest offer amount of **\$215,000.00**; no additional fees required. This residue was acquired for \$200,575.00 in 2010.

**Project R-2309AB, Parcel 062, Greensboro US-220 from SR-2182 (Horsepen Creek Road) to 0.2 Mile North of SR-2313 (Winfree Road)(Combine with R-2413C)**

**Guilford County**

Conveyance of an approximate 0.720 acre area comprised of one (1) B-class residue, having a value of \$7,500.00 to **James P. Flanigan and Kathleen Flanigan** for the highest offer amount of **\$6,500.00**; no additional fees required. This residue was acquired for \$21,800.00 in 2010.

(Division 8)

**Project 8.15790, Parcel 071, Structures on US-220 Bypass from Sunset Avenue in Asheboro to a point Approximately 2 Miles North of Asheboro**

**Randolph County**

Conveyance of an approximate 0.160 acre area comprised of one (1) B-class residue, having a value of \$200 to **Virginia Brownlow** for the highest offer amount of **\$277.00**; no additional fees required. This residue was acquired for \$10.00 in 1962.

**Project R-2536A, Parcel 901, From Existing US-64 West of Asheboro to US-220 Bypass**

**Randolph County**

Conveyance of an approximate 0.690 acre area comprised of one (1) B-class residue, having a value of \$2,000.00 to **Browers Wesleyan Church** for the highest offer amount of **\$2,000.00**; no additional fees required. This residue was acquired for \$3,640.00 in 2006.

**Project R-2606B, Parcel 074, US-311 Bypass (Future I-74) from North of SR-1929 (Spencer Road) to US-220/Future I-73 (Design Build Garvee Project)**

**Randolph County**

Conveyance of an approximate 0.019 acre area comprised of one (1) c-class residue, having a value of \$10.00 to **Virginia Brownlow** for the highest offer amount of **\$66.00**; no additional fees required. This residue was acquired for \$20.00 in 2009.



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

**Auctioneer (Continued)**

**(Division 9)**

**Project R-2247CA, Parcel 098, Winston-Salem Northern Beltway Interchange with US-421 and Interchange with SR-1140 (Peacehaven Road)**

**Forsyth County**

Conveyance of an approximate 0.160 acre area comprised of one (1) C-class residue, having a value of \$7,200.00 to **Naznin Nasrin** for the highest offer amount of **\$7,200.00**; no additional fees required. This residue was acquired for \$2,325.00 in 2012.

**Project 034SR1763, Parcel 001, SR-1760 Indiana Avenue**

**Forsyth County**

Conveyance of an approximate 0.020 acre area comprised of one (1) C-class residue, having a value of \$500.00 to **Michael Edward Springs** for the highest offer amount of **\$700.00**; no additional fees required. This residue was acquired for \$10.00 in 1961.

**(Division 10)**

**Project R-2533A, Parcel 014, NC-49 from East of SR-1300 (Moorehead Road) in Harrisburg to East of SR-1155 (Zion Church Road)**

**Cabarrus County**

Conveyance of an approximate 0.060 acre area comprised of one (1) C-class residue, having a value of \$1,500.00 to **Ammal Hagi** for the highest offer amount of **\$1,450.00**; no additional fees required. This residue was acquired for \$1,500.00 in 2002.

**Project R-2246A, Parcel 918, George Liles Parkway From NC-49 to SR-1304 (Roberta Road)**

**Cabarrus County**

Conveyance of an approximate 0.560 acre area comprised of one (1) B-class residue, having a value of \$5,000.00 to **JMJ Home Services, LLC** for the highest offer amount of **\$8,088.00**; no additional fees required. This residue was acquired in conjunction with an Advanced Acquisition for \$87,000.00 in 2004.

**Project R-2246A, Parcel 918, George Liles Parkway From NC-49 to SR-1304 (Roberta Road)**

**Cabarrus County**

Conveyance of an approximate 0.100 acre area comprised of two (2) C-class residues, having a value of \$2,000.00 to **East Best LLC** for the highest offer amount of **\$2,681.00**; no additional fees required. This residue was acquired in conjunction with an Advanced Acquisition for \$87,000.00 in 2004.

**Project 013SR1149, Parcel 001, SR-1149 Biggers Road**

**Cabarrus County**

Conveyance of an approximate 0.020 acre area comprised of one (2) C-class residue, having a value of \$250.00 to **East Best LLC** for the highest offer amount of **\$356.00**; no additional fees required. This residue was acquired in conjunction with a total acquisition for \$10,200.00 in 1962.

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

**Auctioneer (Continued)**

**(Division 10) (Continued)**

**Project R-2249B, Parcel 037, George Liles Parkway From SR-1304 (Roberta Road) to SR-1431 (Weddington Road)**

**Cabarrus County**

Conveyance of an approximate 0.322 acre area comprised of one (1) B-class residue, having a value of \$5,000.00 to **East Best LLC** for the highest offer amount of **\$7,493.00**; no additional fees required. This residue was acquired for \$6,700.00 in 2012.

**Project R-2248E, Parcel 022, I-485 (Charlotte Outer Loop) from East of NC-115 (Old Statesville Road) to I-85 North**

**Mecklenburg County**

Conveyance of an approximate 0.085 acre area comprised of one (1) C-class residue, having a value of \$2,500.00 to **Ammal Hagi** for the highest offer amount of **\$5,601.00**; no additional fees required. This residue was acquired for \$150.00 in 2011.

**Project I-0301BB, Parcel 391, I-85 from East of NC-273 to West of SR-1601**

**Mecklenburg County**

Conveyance of an approximate 0.170 acre area comprised of one (1) B-class residue, having a value of \$2,500.00 to **Ammal Hagi** for the highest offer amount of **\$2,218.00**; no additional fees required. This residue was acquired in conjunction with a property acquisition for a settlement of \$7,450.00 in 1982.

**CONVEYANCE OF HIGHWAY RIGHT OF WAY RESIDUES BY REAL ESTATE AGENT**

**AND/OR AUCTIONEER      23 PROJECT(S)      \$ 325,245.00**

**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 2)****Project R-2301WM, Parcel 001, US-17 Craven County 404 Site for New Bern Bypass  
Craven County**

Conveyance of an approximate 4,098.930 acre area comprised of one (1) A-class residue to **The United States of America** for no consideration. The Department acquired this residue for \$4,090,500.00 in 1997 as part of the Wetlands Mitigation for the New Bern Bypass. Per a Memorandum of Agreement entered into in 2019 between the Department, the US Army Corps of Engineers and the US Forest Service, the Mitigation Bank has been closed out and the Department will transfer the former mitigation site to the US Forest Service to be included in the inventory of Croatan National Forest. This is to request authority for the Manager of Right of Way to sign the appropriate instrument.

**Approval of Conversion of Residual Area to 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 10)**

**Project R-3329/2559, Parcel 084, US 74 Bypass from I-485 (Charlotte Outer Loop) to US 74 (Monroe Bypass) Project combined with R-2559 NCTA Project  
Union County**

The Turnpike Authority was conveyed a 1.033 acre area from Robert Wayne Cooke and wife Bonnie A. Cooke during the construction of project R-3329/2559. The department needs to convert the 1.033 acre to Right of way.

**Advance Acquisition of Highway Right of Way**

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

**Division 9**

**Property of Joshua K. Hicks  
I.D. No. R-2247EA, Parcel 906  
WBS 34409.2.27, F. A. Project N/A  
County of Forsyth  
Settlement for \$ 500,000.00**

**Property of Linda Kreeger Mickey  
I.D. No. R-2247EA, Parcel 602  
WBS 34409.2.27, F. A. Project N/A  
County of Forsyth  
Settlement for \$ 200,000.00**

**Property of Curtis Shore  
I.D. No. R-2247EA, Parcel 600  
WBS 34409.2.27, F. A. Project N/A  
County of Forsyth  
Settlement for \$ 22,000.00**

**Property of Ralph Ketchie  
I.D. No. R-2247B, Parcel 600  
WBS 34409.2.27, F. A. Project N/A  
County of Forsyth  
Settlement for \$ 90,000.00**

**APPROVAL OF ADVANCE ACQUISITION FOR HIGHWAY ROW 4 PROJECT(S) \$812,000.00**

**Award of Contracts to Private Firms for Engineering Services****Right of Way Branch**

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 to prepare plans for the project listed below for our Department to obligate available funds. Our staff was authorized to proceed with the actions required to employ private engineering firms in accordance with the policies and procedures adopted by the Board on April 7, 2005.

**STATEWIDE:**

- |                                       |                                                                                                   |
|---------------------------------------|---------------------------------------------------------------------------------------------------|
| (1) Project:                          | Multiple Right of Way                                                                             |
| Scope of Work:                        | Right of Way acquisition, negotiations, legal services, and relocation assistance.                |
| Firm:                                 | Carolina Land Acquisitions, Inc.<br>104 East Vance Street<br>Zebulon, NC 27597                    |
| Supplemental #2 Maximum Engineering   | \$1,000,000.00                                                                                    |
| Supplemental Maximum Engineering Fee: | (\$1,000,000.00 Supplement #1 July 2022)<br>(Original \$10,000,000.00)<br>– Total \$12,000,000.00 |
| DBE Utilization:                      | 100% (SPSF Certification)                                                                         |


**APPROVAL OF CONTRACTS PRIVATE FIRMS 1 PROJECT****\$12,000,000.00****R-ITEM SUMMARY****54 PROJECT(S)****TOTAL: \$ 13,137,245.00**

**NORTH CAROLINA BOARD OF TRANSPORTATION  
RECOMMENDED ALLOCATION OF HIGHWAY MAINTENANCE APPROPRIATIONS  
FISCAL YEAR 2021 - 2022**

There will be no Maintenance Allocations submitted to the Board of Transportation for approval at the November 2022 Board meeting.

ITEM T-1

There are no Comprehensive Transportation Plans to be presented for approval at the November 3, 2022 Board of Transportation Meeting.



## ITEM V

There will be no Item V for the November 3, 2022 Board of Transportation Meeting.



# N.C. DEPARTMENT OF TRANSPORTATION Office of Civil Rights

## OCR Update

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Tunya Smith, Director, Office of Civil Rights

NCDOT Board of Transportation

November 2, 2022



# Agenda

1. OCR Overview
2. Assessment
3. Accomplishments
4. Next Steps

# Oversight

OCR is responsible for ensuring our office is promoting equal access opportunities for customers and employees participating in North Carolina transportation programs that receive federal and/or state funding.

# Mission

To be First in Transportation Equity and Inclusion. “OCR is an Equalizer”.



# Business Units

- Business Opportunity Workforce Development (BOWD)
- Disadvantaged Business Enterprise (DBE) Certification
- DBE Utilization
- Equal Opportunity Contractor Compliance Program (EOCCP)
- DBE Compliance
- On-the-Job Training Program (OJT Program)





# Compliance Units

- Americans with Disabilities Act (ADA)
- Title VI, Limited English Proficiency and Environmental Justice
- Equal Employment Opportunity (EEO)



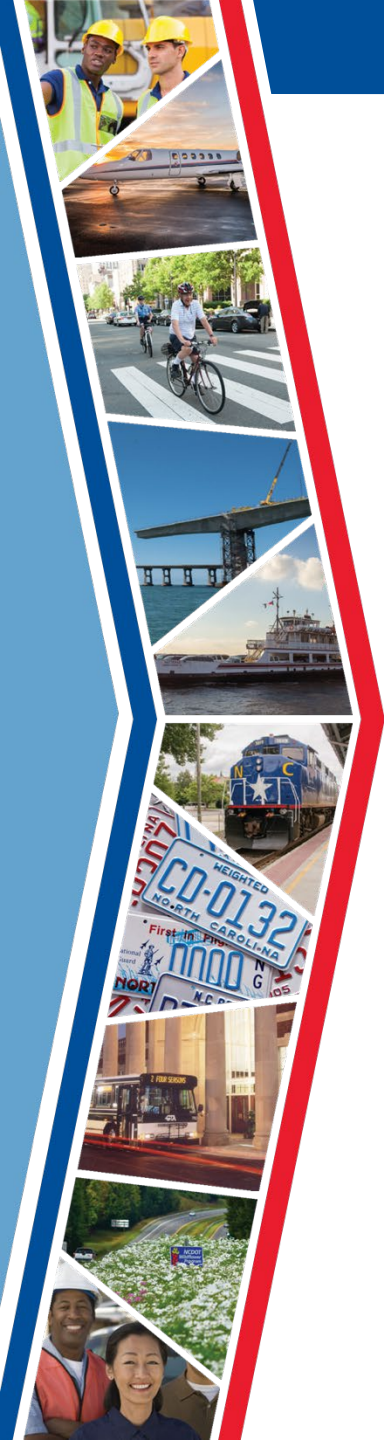
# Administration

- Business and Finance
- Policy
- Marketing and Communications
- Human Resources



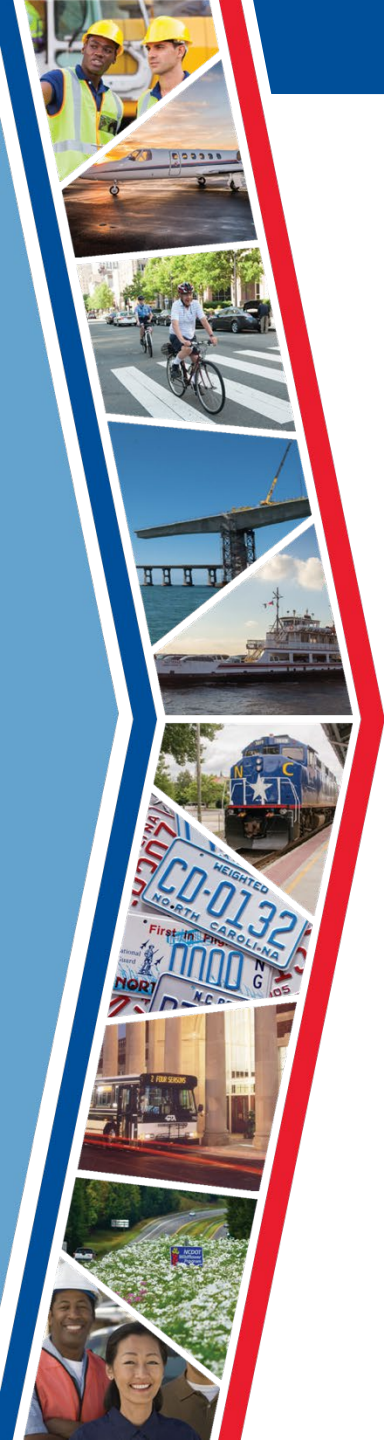
# Where We Started- May 2021

- Assessed Strategic Priorities and conducted a landscape analysis of ALL Units
- Disparity Study
  - 2019 Disparity Study released in September 2021
  - The findings indicated under performance in several contracting programs
- FHWA Uniform Report
- Diversity Spend



# Where We Are – November 2022

1. Re-organization and restructure of the Unit
2. More than Highways- Expanded reach to include all NCDOT Operating Units/ Multi-Modal/ Ports/ Turnpike
3. Strengthen Diversity Equity and Inclusion efforts
  - Collaborations with BOT, DOH, HBCU Outreach, HR
  - Created Special Project Manager/ Assistant to the Director, DEI Communication Specialist, DEI recruiter, and Environmental Justice Policy Advisor positions
  - Alignment of Civil Rights and DEI/Integrated approach- Embed and Operationalize DEI, Focus on Recruitment, Hiring and Retention
  - Workforce Development, Equal Employment Opportunity, Supplier Diversity, and Environmental Justice
  - Innovate and Ideate- Good stewardship utilizing a need-based approach
  - Expand Reach to Diverse Groups- Enhanced Marketing and Communications
  - Economic Impact Study
4. Measuring All Diverse Spend
  - Reporting
  - Dashboards
  - New Methodologies





# Where We Are – November 2022

## 5. Automation and Technology

- **Technology**

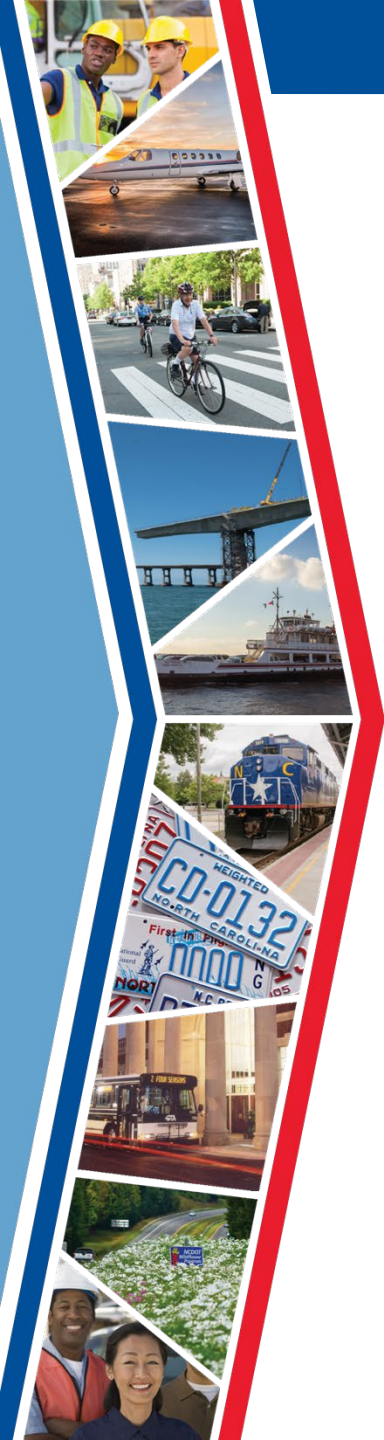
- Service Now- EEO, Title VI and ADA
- AASHTO Ware upgrade to include OCR
- Online LOIS- Automation of Bid Submittals
- Vendor Database Cleanup
- Update of FHWA 1391/1392 reports
- Performance Management Dashboard

- **Automation**

- Customer Relationship Management (CRM) Tool – making it more conducive to case management. Working with public engagement for use of text messaging as a marketing tool
- Updates to the Uniform Report

## 6. Economic and Equity Impact Study- NC State ITRE/NCREG

- Conducting a State of Practice
- Designing new approaches
- Inventorying Data
- GAP Analysis of KPI



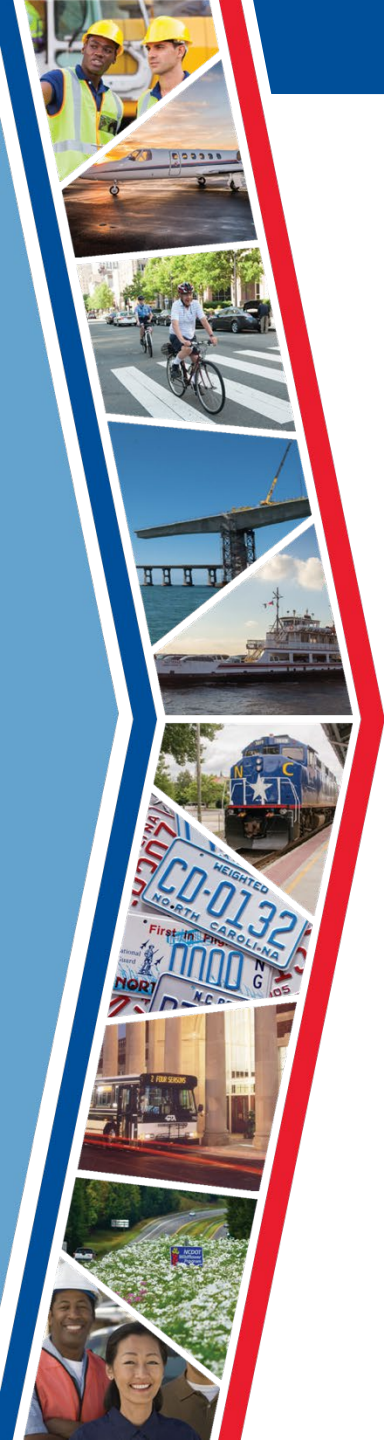
# Diversity Equity and Inclusion (DEI)

- NCDOT Strategic Initiatives
  - Embed Diversity, Equity and Inclusion in all Transportation Programs and Services
  - Recruit and Attract More Diverse Talent to All Levels of Workforce Including Our Contractors and Consultants.
- DEI Advisory Group
- The EEO Compliance Curriculum was replaced with Make our Organization a **great place to work Diversity, Equity & Inclusion** which is required in all NCDOT employee NCVIPs.
- Each employee is moved through each training with purpose
  - Understanding Diversity in the Workplace
  - EEO and You Training
  - NCDOT Conflict Resolution Training



## Business Opportunity Workforce Development (BOWD)

- **Training, Improvement and Performance for Success (TIPS) Classes**
  - **“Getting to the Yes” Series:** The Basics; Winning Work ; Developing Staying Power; The Importance of Bonding (More classes are being developed for the near future)
  - **NCSU ITRE Program**
  - **Alternative Contracting Training**
- **Webinars**
  - **Infrastructure Bill (Future, Finance and the Future of Transportation).**
  - **Opportunities for woman and minority owned businesses around Electric Vehicle charging stations**
  - **Contracting opportunities for work on I-95 (UNC-Pembroke)**
- **Outreach**
  - SBE/SPSF Program was funded \$150,000
  - Collaboration with NCDOA HUB Office and NCDOT Purchasing (HUB Liaison)
  - Project Centered Outreach
    - AMES, I-26, S-Line Raleigh to Richmond Project, Rail TOD, 540 Complete 2<sup>nd</sup> Phase
  - Airport Concession and Car Rental Supplier Outreach
  - DOH Quarterly Outreach- 73 people attended October 2022 outreach



## Business Opportunity Workforce Development (BOWD)

- **Policy and Legislation**

- SBE Cap increase – from \$500,000 to \$1,000,000

- SB201- Professional Services- authority for SPSF Set aside program and DBE Goal setting

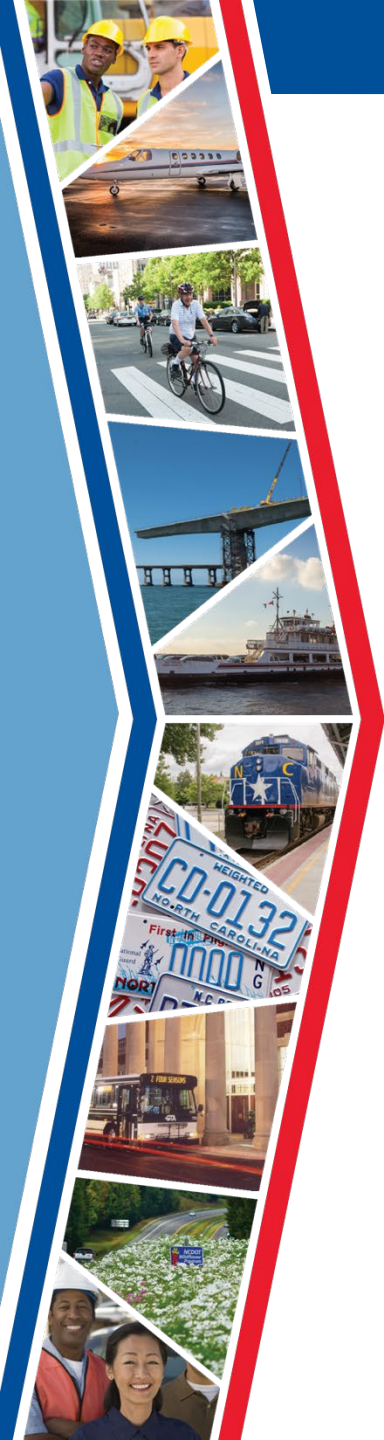
- **Small Business Enterprise Program**

- NCDOT's Chief Engineer directed our DOH Division to identify and award a goal of \$28 Million in **SBE** contracts.

- NCDOT exceeded this goal last year by \$2.7 million dollars in SBE contracts.

- **Marketing and Communications**

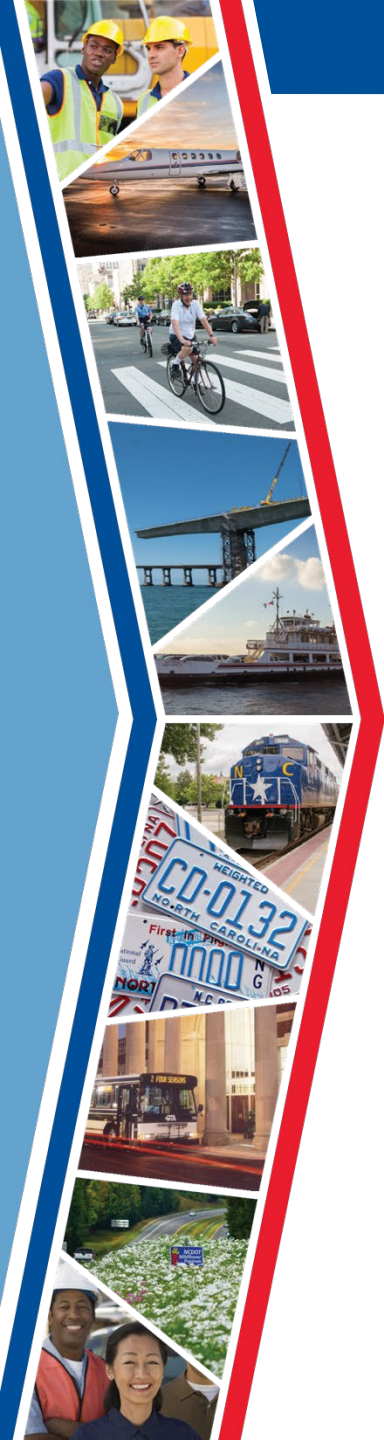
- Expanded Reach- Direct Mailers, enhanced social media presence, grassroots flyer distribution, advertisement placement in minority and rural newspapers
  - Conducted Stakeholder Identification and Analysis
  - Webinars translated into Spanish





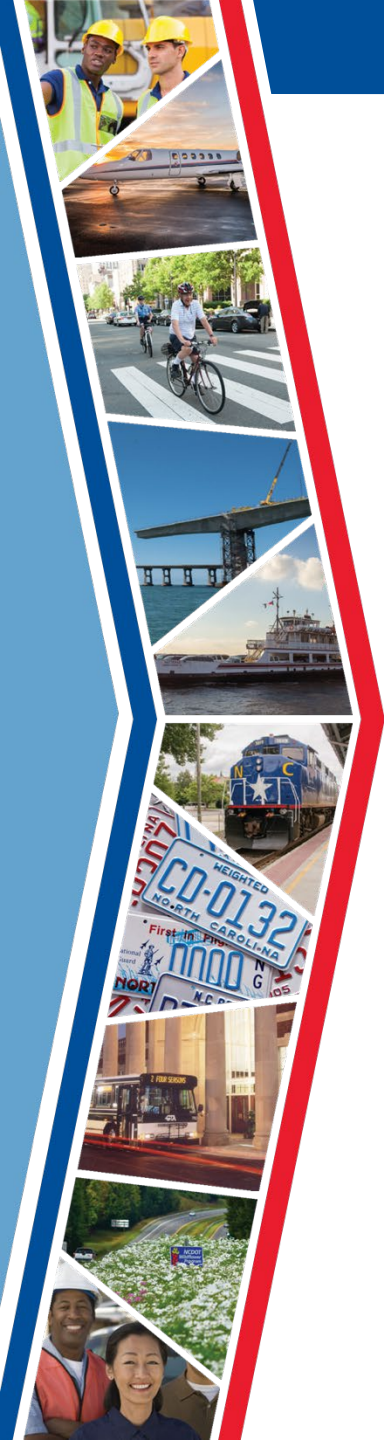
# Certification and Utilization

- **DBE Certification**
  - 111 DBE NC firms approved for DBE certification
  - 254 DBE NC firms were reviewed and approved for continued DBE program eligibility
  - 56 DBE Interstate firms were approved for DBE certification
  - 161 DBE Interstate firms were reviewed and approved for continued DBE program eligibility
- **SBE Program**
  - 554 firms were approved for SBE Certification and reviewed for continued eligibility
- **SPSF Program**
  - 362 firms were approved for SPSF Certification and reviewed for continued eligibility
- **Equal Opportunity Contractor Compliance Program**
  - 16 EOCCP reviews were conducted with prime/subcontractors on NCDOT federal and state projects. Conducted 3 In person and 2 Online Regional Trainings for prime contractors and subcontractors (there were 99 attendees in all 5 meetings)
- **DBE Compliance**
  - 64 CUF (Commercial Useful Function) reviews were performed for DBE firms working on NCDOT projects.



# Certification and Utilization

- **Utilization**
  - 12 monthly Centrally Let bid reviews to confirm minority participation on NCDOT projects
  - Assisted in 3 Good Faith Effort reviews
  - Conducted 2 Good Faith Effort trainings with prime contractors
  - Continued maintenance of the Banking Program and banking balances for the prime contractors participating in the program
- **Development of Disaster Certification Program**
- **Enhanced UCP Certification/ Airport Program**
- **New business recruitment through Chamber of Commerce**



# Certification Using Online Portal

Year	DBE Initial App	DBE Interstate Appl	DBE InterState Renew	DBE Renewal/Change	SBE Initial App	SBE Renewal/Change	SPSF Initial App	SPSF Renewal/Change	Grand Total
2019	4	19	4	53	57	90	24	63	314
2020	60	65	183	258	135	155	67	190	1113
2021	140	71	214	319	223	181	87	198	1433
2022	128	62	136	251	184	229	62	182	1234
Grand Total	332	217	537	881	599	655	240	633	4094

Certification Unit is trending to attract more firms to be DBE/SBE/SPSF certified.

# Certification and Utilization

Regional Saturday Division DBE/SBE Outreach Event for OCTOBER 22, 2022

REGION S	Regional Division Events	Division	Division Staff Liaison	Email Address	Telephone	RSV Ps	Attendance #'s	# of Firms
A	1 & 2	1	Division Staff Liaison: Marjorie Eckert	<a href="mailto:mleckert@ncdot.gov">mleckert@ncdot.gov</a>	252-482-1850	25	14	9
		2	Division Staff Liaison: Mary Margaret Herring	<a href="mailto:mmherring@ncdot.gov">mmherring@ncdot.gov</a>	252-775-6100			
B	3 & 6	3	Division Staff Liaison: Trevor Carroll, PE	<a href="mailto:tkcarroll@ncdot.gov">tkcarroll@ncdot.gov</a>	910-341-2000	8	18	13
		6	Division Staff Liaison: Margie Davis	<a href="mailto:msdavis2@ncdot.gov">msdavis2@ncdot.gov</a>	910-364-0600			
C	4 & 5	4	Division Staff Liaison: Brandon Herring, PE	<a href="mailto:blherring@ncdot.gov">blherring@ncdot.gov</a>	252-640-6410	19	14	14
		5	Division Staff Liaison: Mickey Biedell, PE	<a href="mailto:mbiedell@ncdot.gov">mbiedell@ncdot.gov</a>	919-220-4600			
D	7 & 9	7	Division Staff Liaison: Jennifer Sour	<a href="mailto:jsour@ncdot.gov">jsour@ncdot.gov</a>	336-487-0000	25	16	11
		9	Division Staff Liaison: Marsheeka Steward	<a href="mailto:mdsteward@ncdot.gov">mdsteward@ncdot.gov</a>	336-747-7800			
E	8 & 10	8	Division Staff Liaison: Michael McKenzie, PE	<a href="mailto:mlmckenzie1@ncdot.gov">mlmckenzie1@ncdot.gov</a>	910-773-8003	14	4	4
		10	Division Staff Liaison: Terry Burleson, PE	Ext- <a href="mailto:twburleson@ncdot.gov">twburleson@ncdot.gov</a>	704-983-4400			
F	11 & 12	11	Division Staff Liaison: Kenny Heavner, PE	<a href="mailto:khheavner@ncdot.gov">khheavner@ncdot.gov</a>	336-903-9115	8	6	6
		12	Division Staff Liaison: Greg Brittain, PLS	<a href="mailto:gbrittain@ncdot.gov">gbrittain@ncdot.gov</a>	980-552-4222			
G	13 & 14	13	Division Staff Liaison: Brendan Merithew, PE	<a href="mailto:bwmerithew@ncdot.gov">bwmerithew@ncdot.gov</a>	828-250-3000	1	1	1
		14	Division Staff Liaison: Wesley Grindstaff, PE	<a href="mailto:wtgrindstaff@ncdot.gov">wtgrindstaff@ncdot.gov</a>	828-586-2141			
					Totals	100	73	58



# Certification and Utilization

Regional Saturday Division DBE/SBE Outreach Event for OCTOBER 22, 2022

TIME	REGION S	DIVISIONS	Address	RSVPs as of XX	OCR Representatives
10:00 AM – NOON	A	1 & 2	PITT COMMUNITY COLLEGE – 505 DEXTER STREET GREENVILLE NC 27834	25	Rodney Renix
10:00 AM – NOON	B	3 & 6	FAYETTEVILLE COMMUNITY COLLEGE – 2817 FORT BRAGG RD – ROOM 108/114	8	Latega Powell
10:00 AM – NOON	C	4 & 5	509 WARD BLVD. WILSON, NC 27895	19	Juan Conde
10:00 AM – NOON	D	7 & 9	375 SILAS CREEK PARKWAY WINSTON SALEM, NC 27127	25	Reginald McNeill
10:00 AM – NOON	E	8 & 10	150 DOT DRIVE CARTHAGE, NC 28327	14	Laura Jimenez
10:00 AM – NOON	F	11 & 12	1710 EAST MARION STREET SHELBY, NC 28151	8	Valisha Wallace
10:00 AM – NOON	G	13 & 14	253 WEBSTER ROAD SYLVA, NC 28779	1	Elizabeth Cruz

# Equal Opportunity Contractor Compliance Program

## Trends

FEDERAL-AID HIGHWAY CONSTRUCTION CONTRACTORS ANNUAL EEO REPORT																			
1. STATE		2. NUMBER OF PROJECTS				3. TOTAL DOLLAR VALUE				4. TOTAL WORKFORCE									
NC		170				\$5,631,852,493				6,200									
This collection of information is required by law and regulation 23 U.S.C. 140a and 23 CFR Part 230. The OMB control number for this collection is 2125-0019 expiring in August, 2019.																			
7. WORKFORCE ON FEDERAL-AID AND CONSTRUCTION SITE(S) DURING LAST FULL PAY PERIOD ENDING IN JULY 2021																			
TABLE A																			
JOB CATEGORIES	TOTAL EMPLOYED		TOTAL RACIAL / ETHNIC MINORITY		BLACK or AFRICAN AMERICAN		HISPANIC OR LATINO		AMERICAN INDIAN OR ALASKA NATIVE		ASIAN		NATIVE HAWAIIAN OR OTHER PACIFIC ISLANDER		TWO OR MORE RACES		WHITE		AI
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
OFFICIALS	159	21	30	8	5	2	20	2	2	2	2	0	0	0	1	2	129	13	
SUPERVISORS	424	21	109	6	47	2	48	3	9	0	1	1	0	0	4	0	315	15	
FOREMEN/WOMEN	630	10	320	3	61	2	248	1	9	0	0	0	0	0	2	0	310	7	
CLERICAL	18	51	3	10	0	3	1	4	0	0	1	1	0	0	1	2	15	41	
EQUIPMENT OPERATORS	1,022	25	472	11	170	6	273	3	21	2	2	0	0	0	6	0	550	14	
MECHANICS	48	0	11	0	3	0	2	0	3	0	0	0	0	0	3	0	37	0	
TRUCK DRIVERS	834	78	441	54	335	48	83	2	10	2	7	1	1	0	5	1	393	24	
IRONWORKERS	136	7	106	1	41	1	55	0	9	0	0	0	0	0	1	0	30	6	
CARPENTERS	304	3	269	3	13	0	249	2	3	1	0	0	0	0	4	0	35	0	
CEMENT MASONS	170	1	148	1	23	1	125	0	0	0	0	0	0	0	0	0	22	0	
ELECTRICIANS	13	0	3	0	2	0	1	0	0	0	0	0	0	0	0	0	10	0	
PIPEFITTER/PLUMBERS	56	2	36	1	11	0	23	1	0	0	1	0	0	0	1	0	20	1	
PAINTERS	16	0	15	0	0	0	15	0	0	0	0	0	0	0	0	0	1	0	
LABORERS-SEMI SKILLED	1,104	58	701	25	227	21	437	1	27	1	3	0	1	0	6	2	403	33	
LABORERS-UNSKILLED	905	33	634	20	200	7	426	11	3	0	0	0	0	0	5	2	271	13	
TOTAL	5,839	310	3,298	143	1,138	93	2,006	30	96	8	17	3	2	0	39	9	2,541	167	
TABLE C (Table B data by racial status)																			
APPRENTICES	28	8	15	2	11	2	3	0	0	0	0	0	0	0	1	0	13	6	
OJT TRAINEES	15	0	4	0	1	0	1	0	0	0	2	0	0	0	0	0	11	0	
8. PREPARED BY:		9. DATE:				10. REVIEWED BY:				11. D									
Juan Conde		10/1/2021				Tunya Smith													

# Equal Opportunity Contractor Compliance Program Trends

FEDERAL-AID HIGHWAY CONSTRUCTION CONTRACTORS ANNUAL EEO REPORT																						
1. STATE		2. NUMBER OF PROJECTS				3. TOTAL DOLLAR VALUE				4. TOTAL WORKFORCE				1392								
NORTH CAROLINA		178				\$5,992,016,365.83				6042												
7. WORKFORCE ON FEDERAL-AID AND CONSTRUCTION SITE(S) DURING LAST FULL PAY PERIOD ENDING IN JULY 2022																						
JOB CATEGORIES	TABLE A																		TABLE B			
	TOTAL EMPLOYED		TOTAL RACIAL / ETHNIC MINORITY		BLACK or AFRICAN AMERICAN		HISPANIC or LATINO		AMERICAN INDIAN or ALASKA NATIVE		ASIAN		NATIVE HAWAIIAN or OTHER PACIFIC ISLANDER		TWO OR MORE RACES		WHITE		APPRENTICES		ON THE JOB TRAINEES	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Officials	164	42	36	15	19	10	14	2	1	2	2	0	0	0	0	1	128	27	0	1	1	0
Supervisors	362	17	113	5	59	1	48	3	2	1	1	0	1	0	2	0	249	12	22	0	0	0
Foremen/Women	653	11	301	5	80	5	206	0	11	0	1	0	0	0	3	0	352	6	0	1	0	0
Clerical	50	51	14	8	4	4	8	2	1	2	1	0	0	0	0	0	36	43	0	0	0	0
Equipment Operators	1111	46	558	18	254	10	271	4	17	2	2	1	2	0	12	1	553	28	0	0	2	0
Mechanics	44	2	8	0	4	0	4	0	0	0	0	0	0	0	0	0	36	2	0	0	0	0
Truck Drivers	812	104	458	74	382	70	65	3	5	1	1	0	1	0	4	0	354	30	0	0	1	2
Iron Workers/Welders	94	1	83	0	9	0	59	0	15	0	0	0	0	0	0	0	11	1	0	0	0	0
Carpenters	296	1	269	1	4	0	247	1	8	0	1	0	0	0	9	0	27	0	0	0	0	0
Cement Masons	204	0	198	0	28	0	170	0	0	0	0	0	0	0	0	0	6	0	2	0	0	0
Electricians	30	0	5	0	2	0	0	0	1	0	0	0	0	0	2	0	25	0	9	0	0	0
Pipe Fitters/Plumbers	60	2	45	2	17	0	23	2	1	0	2	0	0	0	2	0	15	0	0	0	0	0
Painters	9	0	8	0	2	0	6	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
Laborers, Semi-skilled	859	27	561	10	156	5	378	5	17	0	0	0	1	0	9	0	298	17	44	0	0	0
Laborers/Unskilled	957	33	634	16	208	9	413	7	3	0	0	0	0	0	10	0	323	17	0	0	1	0
Total	5705	337	3291	154	1228	114	1912	29	82	8	11	1	5	0	53	2	2414	183	78	2	5	2
TABLE C (Table B data by racial status)																						
ON THE JOB TRAINEES - TABLE C	38	20	31	12	11	11	16	1	0	0	0	0	0	0	4	0	7	8				
APPRENTICES - TABLE C	79	6	36	3	34	0	0	0	1	1	0	0	0	0	1	2	43	3				
8. PREPARED BY: NCDOT/OCR Contractor Compliance Unit								9. DATE				10. REVIEWED BY:								11. DATE		
DocuSigned by: Benny E. Sloan Jr.								10/21/2022				Tanya Smith								10/21/2022		

Form FHWA-1392 (Rev.06-13)

PREVIOUS EDITIONS ARE OBSOLETE



## Equal Opportunity Contractor Compliance Program Trends

The following is a comparison of the 1392 reports for 3 years.

	2020	% of Total Workforce	2021	% of Total Workforce	2022	% of Total Workforce
NUMBER OF PROJECTS	150		170		178	
DOLLAR VALUE	\$5,305,858,778		\$5,631,852,492		\$5,992,016,365	
TOTAL WORKFORCE	1647		6149		6042	
BLACK	321	19%	1138	19%	1342	22%
HISPANIC	369	22%	2006	33%	1941	32%
FEMALE	98	1%	310	5%	337	6%
WHITE	851	52%	2541	41%	2597	43%
	Total Minority Representation	%	Total Minority Representation	%	Total Minority Representation	%
MINORITY EMPLOYMENT	770	47%	3441	56%	3445	57%

Note: Hispanics, Blacks, Females, and Whites were included in the table because they represent 97% of total workforce. The other 3% are distributed between the rest of the races (American Indian, Asian, Native Hawaiian, and Two or more races).

# On-the-Job Training

- **OJT Program**

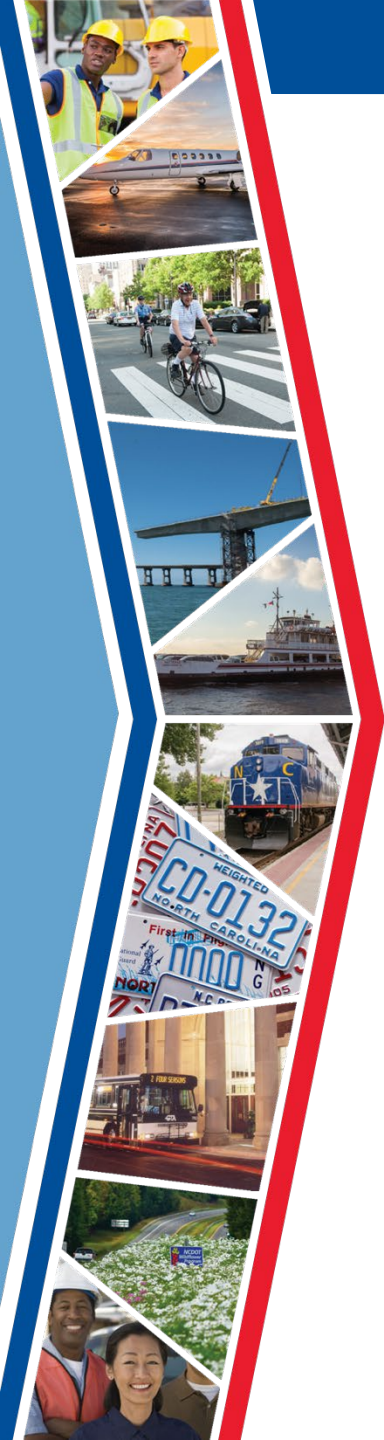
- Changed methodology in 2022, resulting in an increase of participants and trainees
- 44 Contractors are participating in the OJT for 2022
- 3 Contractors are participating as Volunteers
- 316 Trainees awarded 2022
- 250 New enrollments as of October 2022
- 48 Program Graduates in 2022
- 163 Interviews Conducted to trainees

- **Highway Construction Trade Academies (HCTA)**

- 12 Total cohorts YTD
- 98 Total participants YTD
- 91 Total completers YTD
- 61 Total employed YTD

- **Administered 3 Advanced Training courses for Total 9 participants YTD**

- CDL - 2
- Erosion Control (ITRE) - 5
- Basic Drainage/Roadway Drainage Maintenance (ITRE) - 2



# On-the-Job Training

- Provided testimony on NC and US OJT/SS programs accomplishments and challenges to the US House Highways and Transit Committee
- Hosted 1.5-day Peer Exchange/Workshop for FHWA EDC-6 Strategic Workforce Development initiative for four STAs
- National Governor's Association Center for Best Practices Apprenticeship as a Strategy to Expand the Transportation Workforce
  - utilizing fund flexibility of IIJA for workforce development
- Annual and all Quarterly and EDC-6 progress reports, plus 2023 SOW, submitted to FHWA on-time
- Hired one HBCU Fellow, and two Temp employees





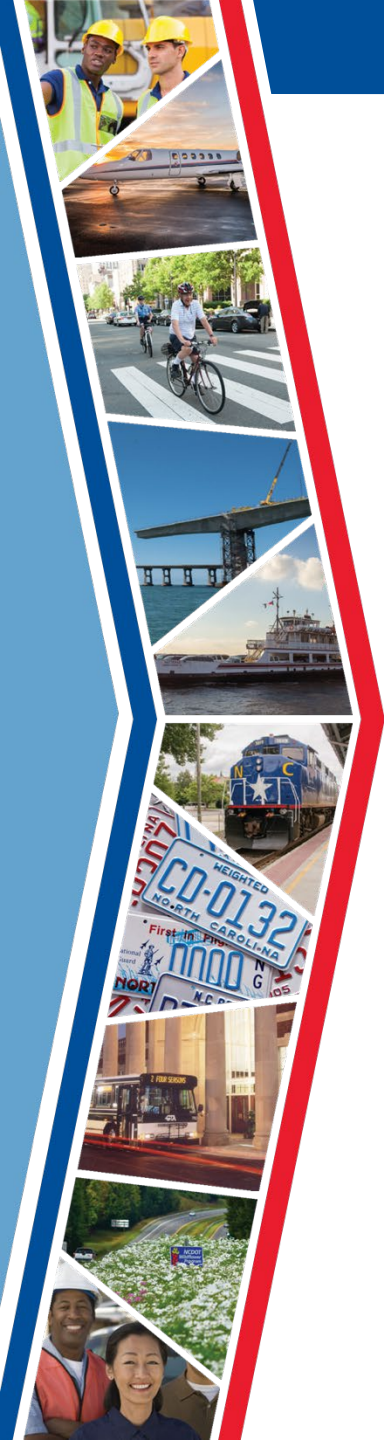
# Workforce Development

- Three-pronged approach → OCR-OJT/ HBCU Outreach/ HR-Talent Management
- Development of Apprenticeship and Incubator based programs
- Provided Congressional Testimony on Workforce Development
- Recognized as a leader in WF- Conducted Peer-to-Peer exchange with other states



# Equal Employment Opportunity

- The EEO Compliance Curriculum was replaced with Make our Organization a **great place to work Diversity, Equity & Inclusion** which is required in all NCDOT employee NCVIPs.
- Each employee is moved through each training with purpose
  - Understanding Diversity in the Workplace
  - EEO and You Training
  - NCDOT Conflict Resolution Training
- The 2021 performance cycle initiated a newly assigned Diversity, Equity, and Inclusion goal on all performance plans that included the following language with 3 task assignments:
  - DOT6 – Make our organization a great place to work: Diversity, Equity & Inclusion
    1. Understanding Diversity in the Workforce Training – Complete annual Understanding Diversity in the Workforce training in the NC Learning Center.
    2. EEO and You Training – Complete annual EEO and You training in the NC Learning Center
    3. NCDOT Conflict Resolution Training – Complete annual NCDOT Conflict Resolution training in the NC Learning Center





# 1<sup>st</sup> and 2<sup>nd</sup> Quarter Progress Towards Goals

EEO Category	White Male	White Fem	Black Male	Black Fem	Hisp Male	Hisp Fem	Asian Male	Asian Fem	AIAN Male	AIAN Fem	Ethn Unk	Total	Total Fem	Total Mnrt	Disab	Vets
<b>Overall Totals of Progress Towards Goals</b>																
Labor Force Standard Difference 03/31/2022	1,955	-1,254	-1	-170	-460	-144	-3	-48	68	-10			-1,626	-737	-827	
Labor Force Standard Difference 12/31/2021	1,943	-1,255	-1	-171	-457	-146	-3	-49	72	-11			-1,661	-755	-838	
Sum of 2022 Goals		252	93	156	146	95	34	42	14	14		846	559	594		
Sum of Progress Toward Goals		1	0	1	-3	2	0	1	-4	1		-1	35	18		
<b>Total Employees in Agency at Close of Q1</b>																
Total # Employed in Agency	5,418	1,255	881	663	76	51	92	30	119	26	25	8,636	2,025	1,969	179	506
Total % Employed in Agency	62.7%	14.5%	10.2%	7.7%	0.9%	0.6%	1.1%	0.3%	1.4%	0.3%	0.3%	100%	23.4%	22.8%	2.1%	5.9%

EEO Category	White Male	White Fem	Black Male	Black Fem	Hisp Male	Hisp Fem	Asian Male	Asian Fem	AIAN Male	AIAN Fem	Ethn Unk	Total	Total Fem	Total Mnrt	Disab	Vets
<b>Overall Totals of Progress Towards Goals</b>																
Labor Force Standard Difference 06/31/2022	1,948	-1,256	10	-175	-465	-143	-3	-44	64	-12			-1,630	-735	-833	
Labor Force Standard Difference 03/31/2022	1,955	-1,254	-1	-170	-460	-144	-3	-48	68	-10			-1,626	-737	-827	
Sum of 2022 Goals		252	93	156	146	95	34	42	14	14		846	559	594		
Sum of Progress Toward Goals		-2	11	-5	-5	1	0	4	-4	-2		-2	-4	2		
<b>Total Employees in Agency at Close of Q2</b>																
Total # Employed in Agency	5,440	1,252	904	663	80	54	92	33	116	25	31	8,690	2,027	2,000	179	500
Total % Employed in Agency	62.6%	14.4%	10.4%	7.6%	0.9%	0.6%	1.1%	0.4%	1.3%	0.3%	0.4%	100%	23.3%	23.0%	2.1%	5.8%

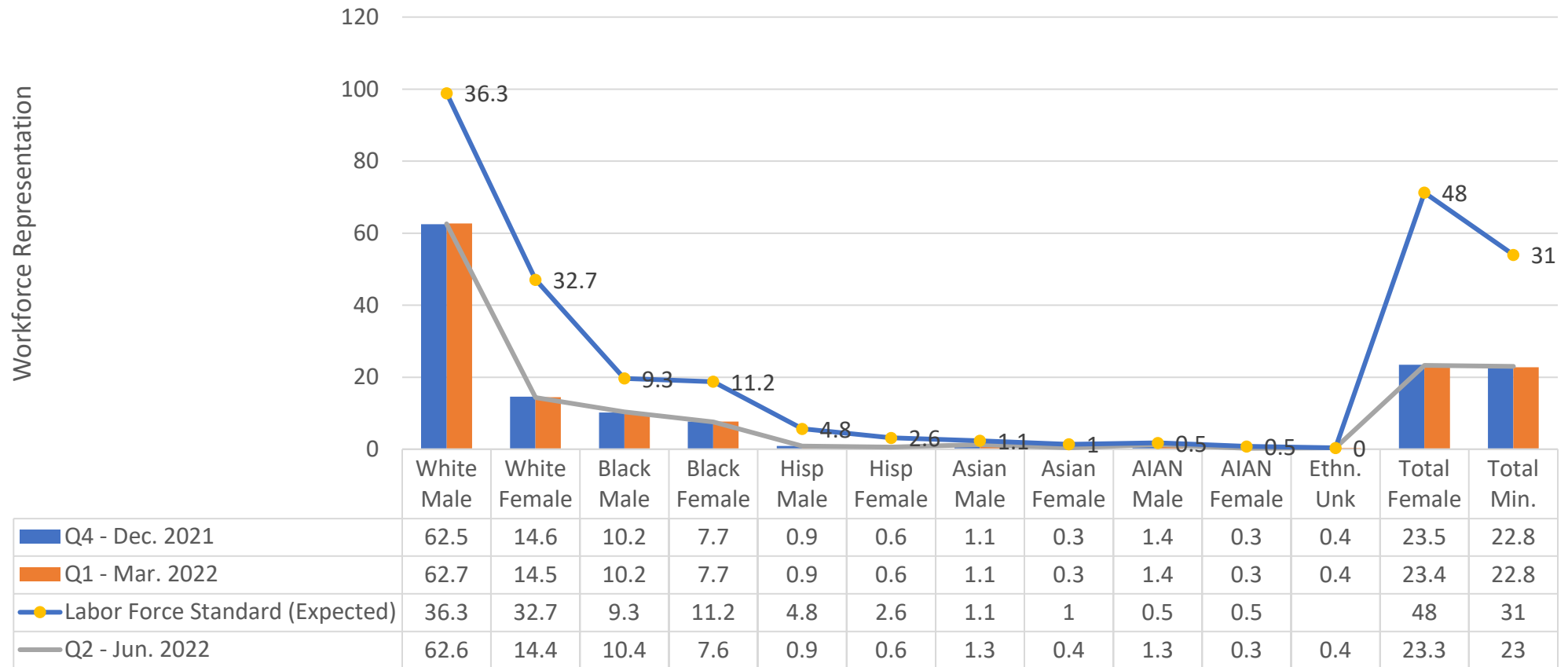
- A decline from one Quarter to the next can be due to any type of separation (resignation, termination, retirement) e.g., WFs
- Positions may still be vacant which will affect the representation of the workforce.
- Overall totals are the sum of all EEO Job Categories separated by Race/Ethnicity and Gender representation

Sources: IHRPS B0178(f) Pop/Labor Force Census Compare by Federal Job Category; Job Placement Goals established using B0178(f) ; B0178 does not breakdown Two+ or Native Hawaiian/Pacific Islander race/ethnicity

- [illegible]

# Workforce Representation Trends

Q1 & Q2 vs. Labor Force Standard

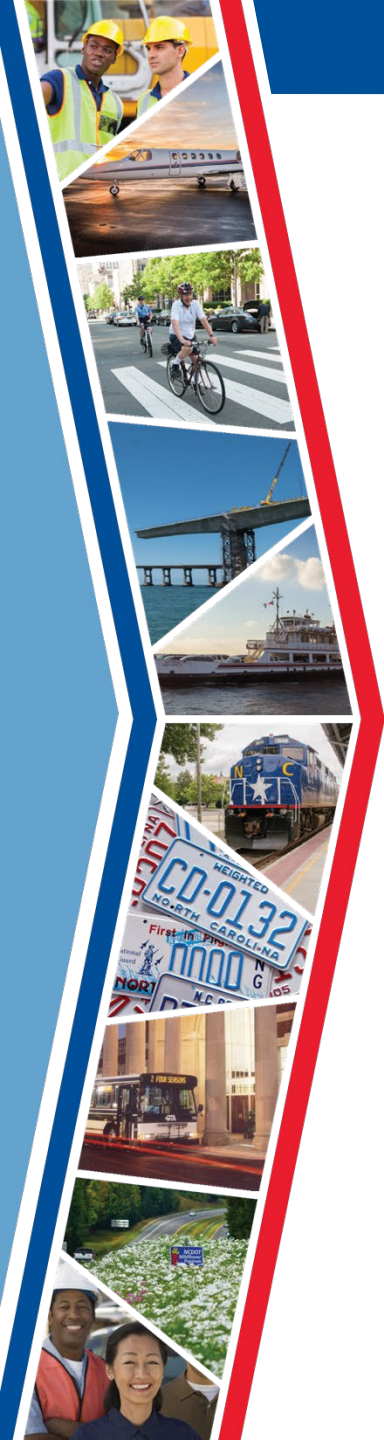


Source: IHRPS (Integrated HR Payroll System) B0178(f) Census Report; B0178 does not breakdown Two+ or Native Hawaiian/Pacific Islander race/ethnicity 26



# ADA/Title VI and Environmental Justice

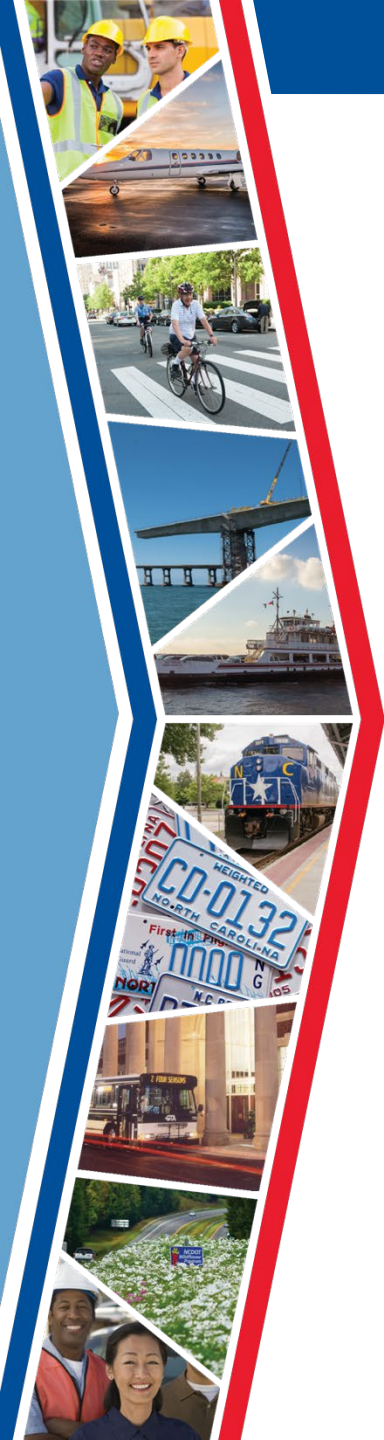
- **Title VI**
  - Title VI required training assigned to all NCDOT employees through LMS (85% completion rate)
  - Completed 36 compliance program or plan reviews for NCDOT business units and subrecipients
  - Hired an Environmental Justice Policy Advisor (May 2022) to coordinate NCDOT Environmental Justice efforts
- **Environmental Justice**
  - Established advisory relationships with transportation planning division and SPOT office P7 workgroup (ongoing)
  - Partnered with development of the NEVI plan and ongoing implementation efforts to prioritize equitable outcomes.
- **ADA**
  - EEO/ ADA- COVID Response: Developed process on Religious accommodations. As a result, the ADA unit processed 126 accommodation requests for NCDOT employees between July 2021 and June 2022. This is a 400% increase from the previous high of 25 cases processed.
  - The ADA unit worked with the Division of Highways to ensure that the 14 divisions had completed GIS based inventories of all curb ramps statewide
  - The ADA unit worked with the Roadside Environmental unit to complete an ADA assessment of all NC rest areas and welcome centers.



# Where We Are Going- 2023

## Next Steps

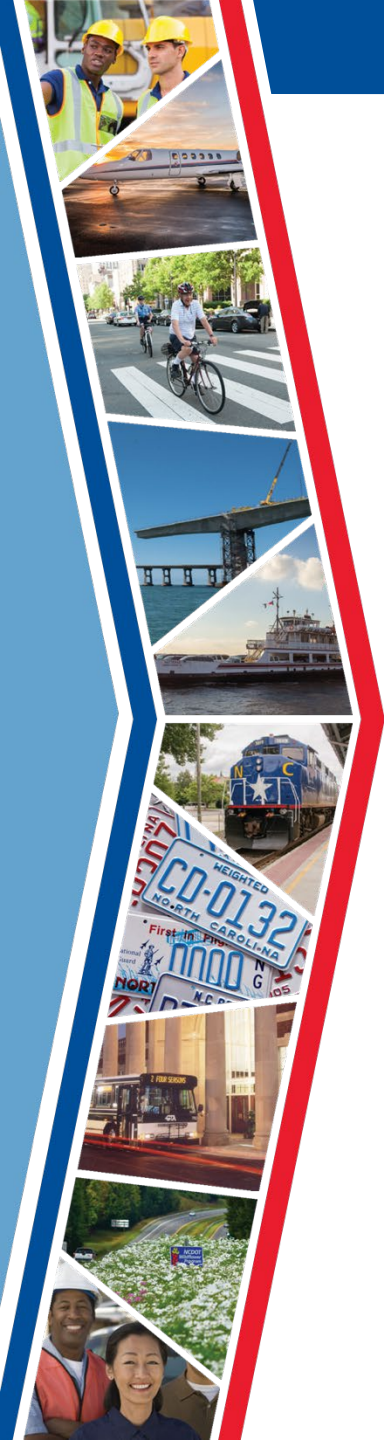
- Business Development Zone Coaching
- Developing Small Business Pipeline
  - New Emerging Technologies
  - Clean Energy (NEVI)
- OCR Advisory Council
- Disparity Study/ Economic Impact Study recommendation implementation
- Enhanced Research and Development Initiatives
  - EEO, Workforce Development, Supplier Diversity, Environmental Justice
- SPSF/SBE Policy revisions (increase diverse spend in professional services)
- Partnering with key stakeholders (private and public)
- Enhanced Marketing and Communications



# Where We Are Going- 2023

## Next Steps

- Collaborations on:
  - Workforce Development- Apprenticeships
  - Business Development
  - Economic Development
- Expanding OCR Reach
  - Veterans
  - Tribal Communities
  - Neurodivergent
  - Persons experiencing homelessness
  - Immigrant Refugee
  - Re-Entry/Justice Involved
  - Universities: HBCU/MSI; Community Colleges





# QUESTIONS?

Tunya Smith  
Director, Office of Civil Rights  
North Carolina Department of Transportation  
p. 919-819-2609  
tmsmith9@ncdot.gov  
[www.ncdot.gov/about-us/board-offices/offices/civil-rights](http://www.ncdot.gov/about-us/board-offices/offices/civil-rights)



**NORTH CAROLINA**  
Department of Transportation

# SPOT November BOT Update

Strategic Prioritization Office of Transportation (SPOT)

November 2, 2022



## Today's Topics

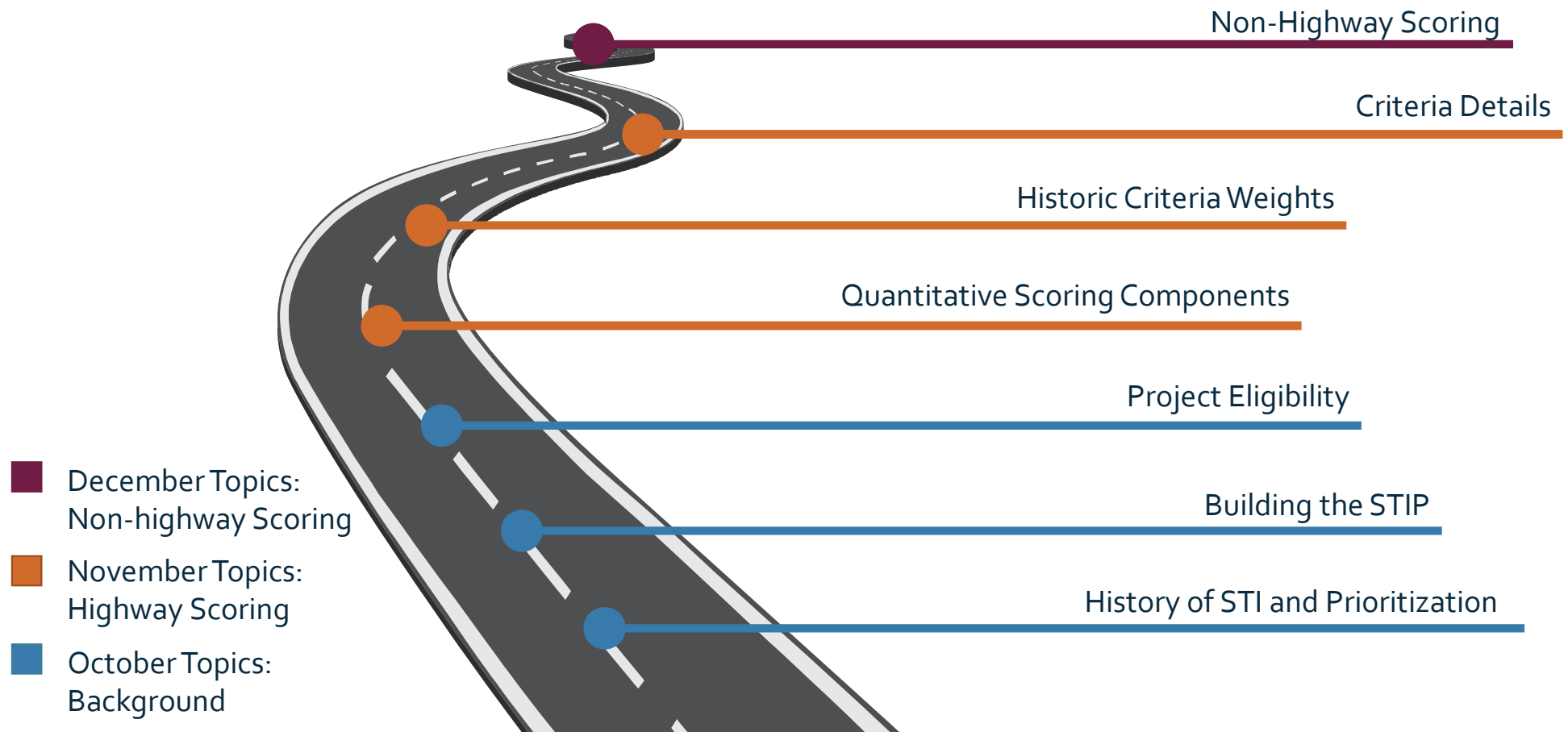
- Review Roadmap of Topics
- Workgroup Update
- Quantitative Scoring Components
- Historic Criteria Weights
- Criteria Details
- Questions & Open Discussion



# Roadmap of Topics

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# Road Map of Upcoming Topics



# Workgroup Update

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# Workgroup Update

## Recent and Upcoming Activities

### Recent Activities:

- In-Person Meeting October 11
- Virtual Session October 18

### Upcoming Activities:

- In-Person Meeting November 9
- Virtual Meeting November 30



# Workgroup Update

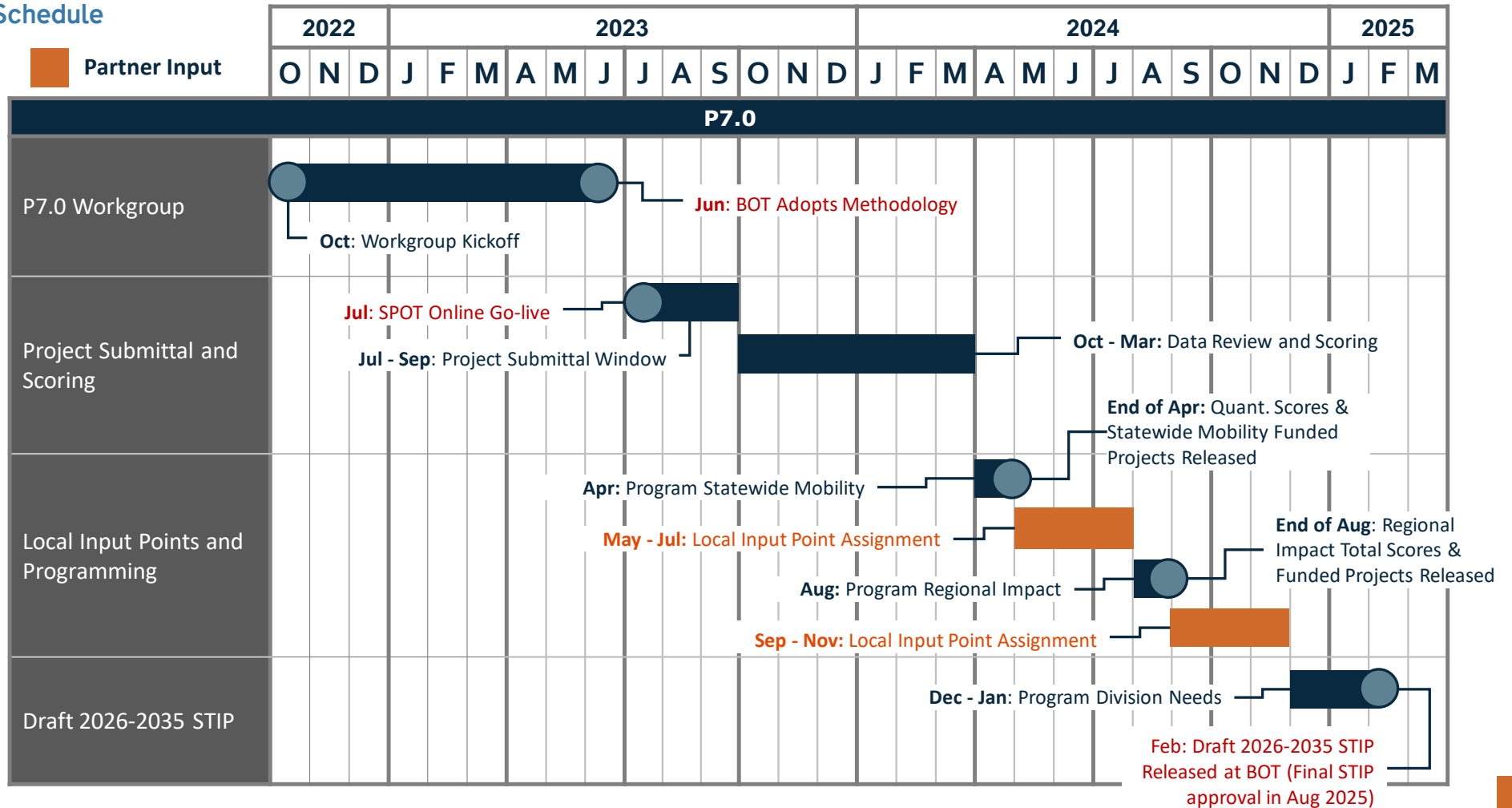
## Consensus Points

Topic	Last Workgroup Action / Date	Consensus Topic?	Consensus Date	Notes
Workgroup Approach	10/11/22: Discussed	Yes	10/11	
Workgroup Meeting Calendar	10/11/22: Discussed	Yes	10/11	
P7 Cycle Schedule	10/11/22: Discussed	Yes	10/11	
Interstate and Primary Route Designation	10/11/22: Discussed	No	-	
COVID Impacts to Highway Data - Safety	10/11/22: Discussed	Yes	10/11	Use the 5 most recent years
COVID Impacts to Highway Data - Volume	10/18/22: Discussed	Yes	-	Anticipated Consensus 11/9

# Workgroup Update

Updated October 19, 2022

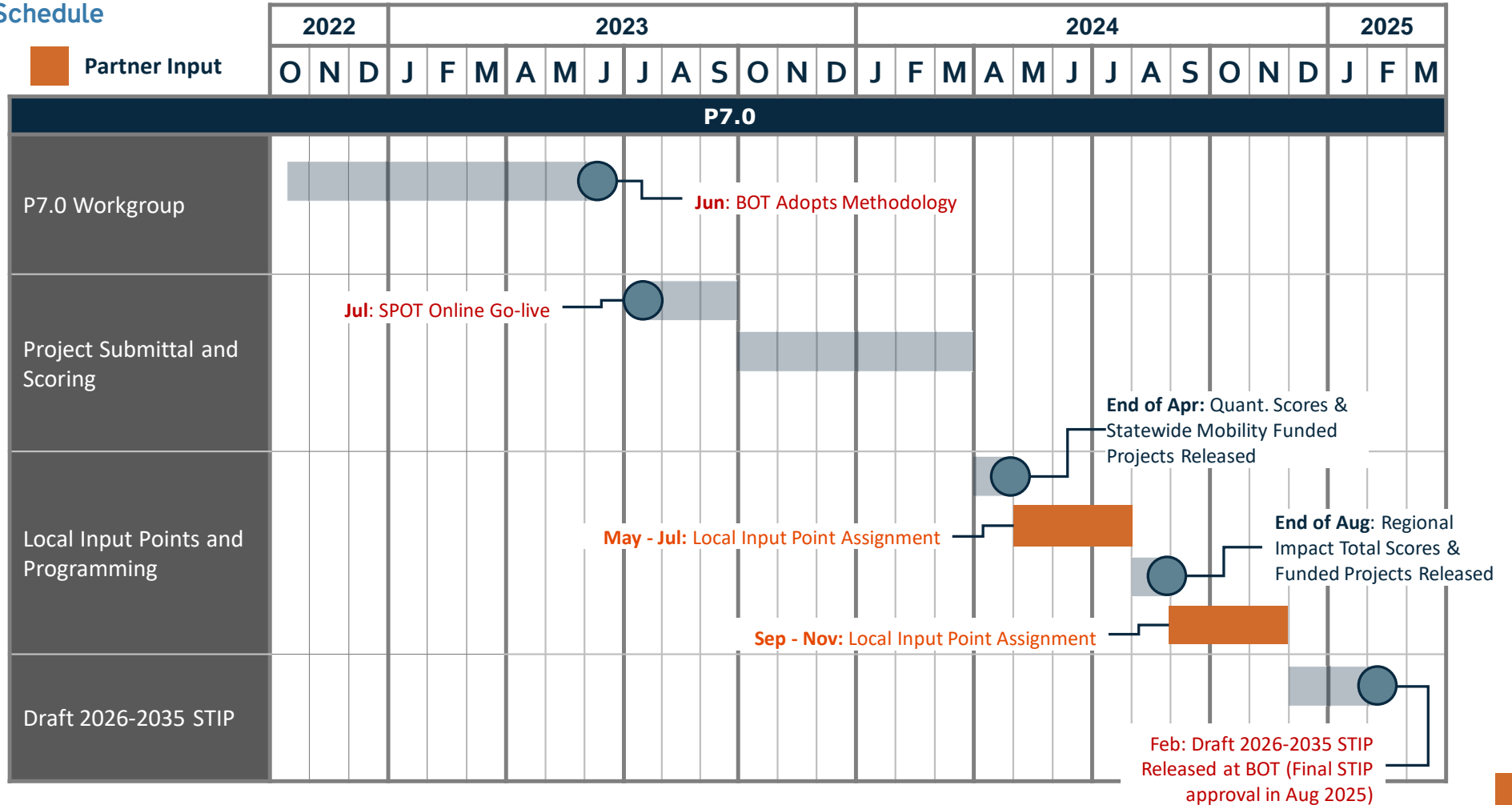
## P7 Schedule



# Workgroup Update

Updated October 19, 2022

## P7 Schedule





# Workgroup Update

## Tentative Meeting Topics

### November 9

- Highway Volume Data
- Rail Modernization
- Goal Setting for P7 Workgroup
- Integration of Complete Streets
- Review Research and Identify Potential Scoring Changes
- Transit Project Submittal Process Improvements
- Transit Facility Scoring Refinements

### November 30

- Safety Data and Benefit Factors
- Cost Estimation Process
- Rail Modal Update
- Aviation Modal Update
- Ferry Modal Update

### December 13

- Safety Data and Benefit Factors
- Review P7.0 Workgroup Goals
- Integration of Complete Streets
- Rail/Transit Follow-up
- Non-Highway Criteria Review
- Cost Estimation Process Follow-up
- Highway Criteria: Multi-Modal and Accessibility/Connectivity

### January 12

- SPOT Online Updates
- Complete Streets Integration Follow-up
- Census Data and Impacts to Local Input Points
- Project Carryover Definition and Number of Project Submittals

# Quantitative Scoring Components

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## Key Definitions

**Criteria** – Names of scoring components identified in law.

**Measure** – a data driven way to evaluate a criteria. A specific criteria may have one or multiple measures.

**Scaling** – The process by which raw measures are converted to a 0-to-100-point scale. Scaling occurs at the measure level.

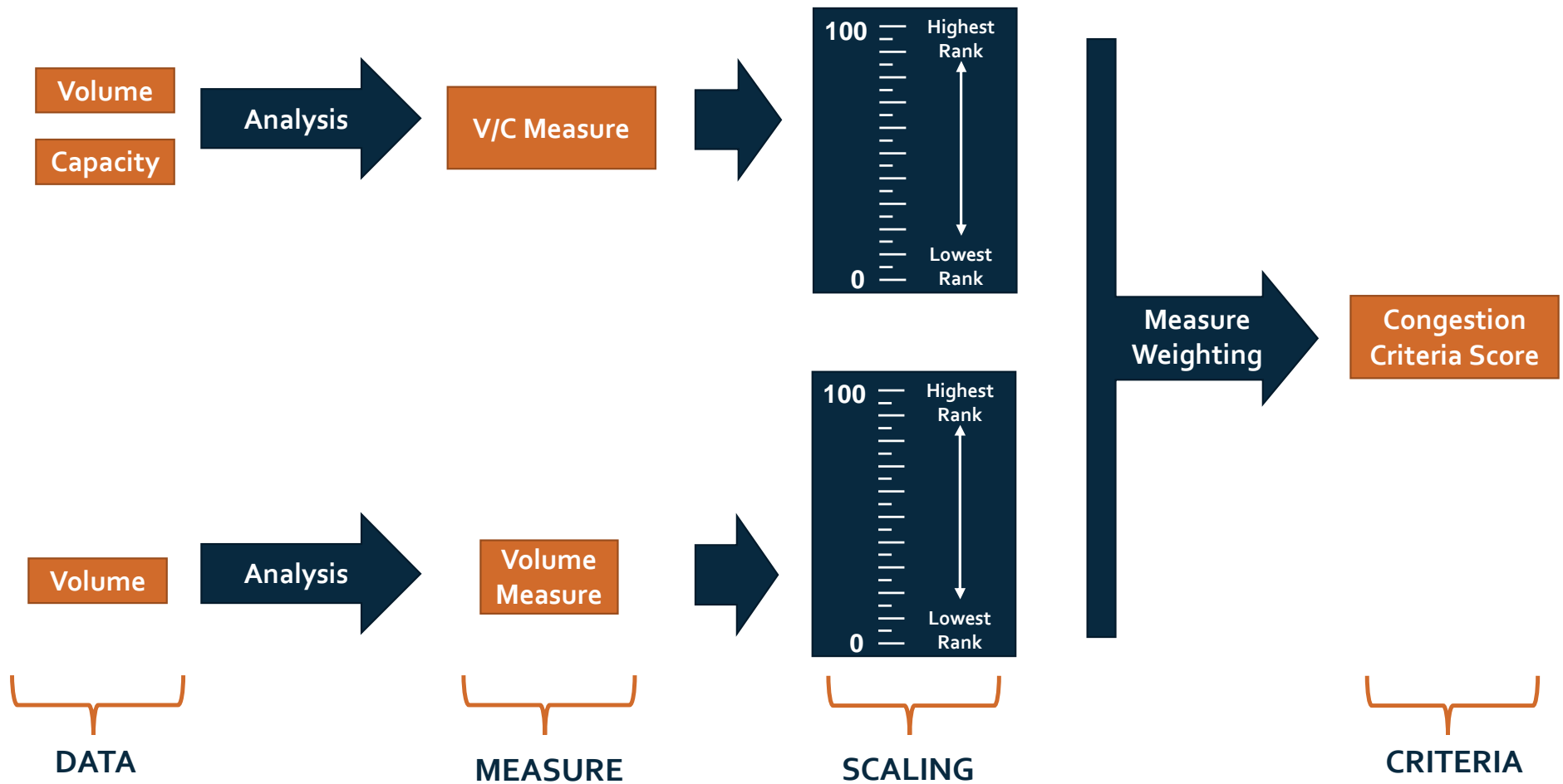
**Measure Weight** - The percent of the criteria score accounted for by a single measure. Different measures for the same criteria may have different measure weights.

**Criteria Score** – The sum of multiplying each scaled measure by the measure weight.

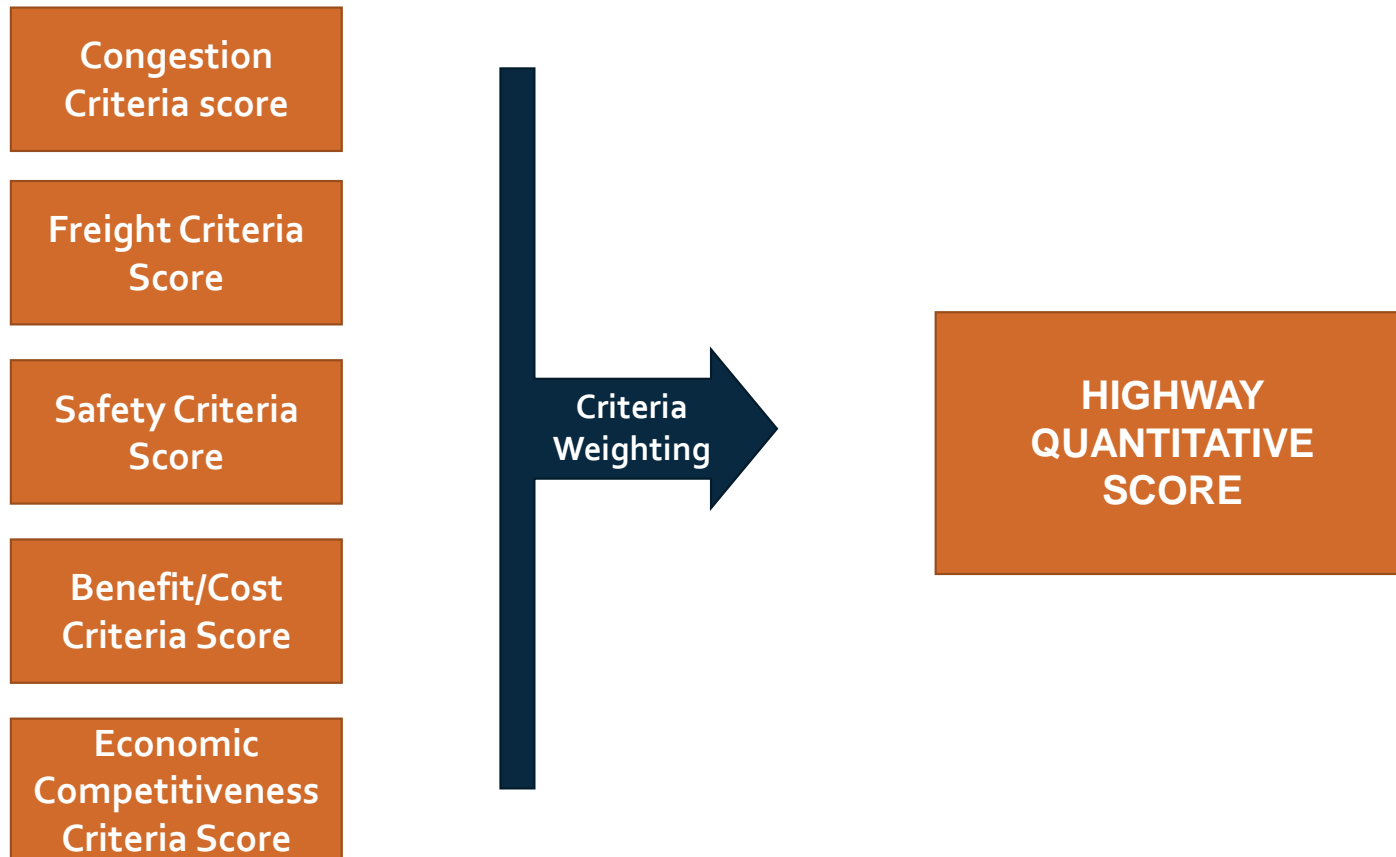
**Criteria Weight** – The percent of the total quantitative score accounted for by a single criteria. Different criteria may have different criteria weights.

**Quantitative Score** – The sum of multiplying each criteria score by the criteria weight.

# Building a Highway Criteria Score



## Building a Highway Quantitative Score



# Historic Default Criteria Weights

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# Historic Default Criteria Weights

## Statewide Mobility

Statewide Mobility (Out of 100 Pts)	P3.0	P4.0	P5.0	P6.0 Mobility	P6.0 Modernization
Congestion	30%	30%	30%	30%	10%
Benefit/Cost	30%	25%	25%	25%	
Safety	10%	15%	10%	10%	25%
Economic Competitiveness	10%	10%	10%	10%	
Freight		15%	25%	25%	25%
Multimodal	20%	5%			
Lane Width					10%
Shoulder Width					20%
Pavement Condition					10%

# Historic Default Criteria Weights

## Regional Impact

Regional Impact (Out of 70 Pts)	P3.0	P4.0	P5.0	P6.0 Mobility	P6.0 Modernization
Congestion	30%	20%	20%	20%	5%
Benefit/Cost	30%	20%	20%	20%	
Safety	10%	10%	10%	10%	25%
Access/Connectivity		10%	10%	10%	
Freight		10%	10%	10%	10%
Multimodal					
Lane Width					10%
Shoulder Width					10%
Pavement Condition					10%



# Historic Default Criteria Weights

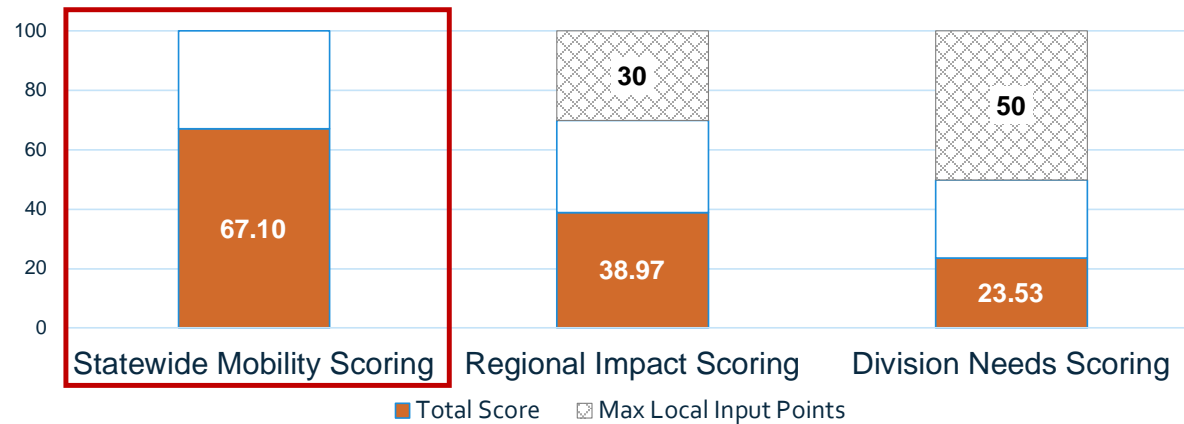
## Division Needs

Division Needs (Out of 50 Pts)	P3.0	P4.0	P5.0	P6.0 Mobility	P6.0 Modernization
Congestion	20%	15%	15%	15%	
Benefit/Cost	20%	15%	15%	15%	
Safety	10%	10%	10%	10%	20%
Access/Connectivity		5%	5%	5%	
Freight		5%	5%	5%	5%
Multimodal					
Lane Width					5%
Shoulder Width					10%
Pavement Condition					10%

# P6.0 Highway Criteria Details

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## Example Highway Mobility Project Scoring – Statewide Mobility



Criteria	Percentage	Scaled Value	Score
Congestion	30%	67.76	20.33
Benefit-Cost	25%	29.85	7.46
Safety	10%	60.84	6.08
Economic Competitiveness	10%	85.50	8.55
Freight	25%	98.70	24.68
Statewide Mobility Score TOTAL			67.10

# Highway Criteria - Congestion

**Purpose** – Measure existing level of mobility along roadways by indicating congested locations and bottlenecks

CALCULATIONS	Statewide Mobility		Regional Impact	Division Need
	Score Equation	$= 60\%*[V/C]+40\%*[V]$	$= 80\%*[V/C]+20\%*[V]$	$= 100\%*[V/C]$

MEASURES & DATA	Description		Units	Data Source
	[V]	Existing Volume	Vehicles per day	Traffic Counts
	[C]	Existing Capacity	Vehicles per day	Highway Capacity Manual
	[V/C]	Existing Volume/Capacity Ratio	-	Calculated

EXAMPLE PROJECT CALCULATIONS	Measure	Scaled Measure	Criteria Score
	[V] = 47,500	89.80	$= 60\%*[V/C]+40\%*[V]$
	[V/C] = $47,500/63,000 = 0.73$	53.06	$60\%*53.06 + 40\%*89.80 = \mathbf{67.76}$

# Highway Criteria - Benefit-Cost

**Purpose** – Measure the expected benefits of the project in comparison to the cost to NCDOT

		Statewide Mobility	Regional Impact	Division Need	
CALCULATIONS	<div>Score Equation</div> $\frac{[Benefit\ TTS] + [Benefit\ Safety]}{[Project\ Cost]} + \frac{[Other\ Funds]}{[Project\ Cost]}$				
MEASURES & DATA	Description		Units	Data Source	
	[Benefit TTS]	Travel Time Savings Over 10 Years	Dollars (\$)	Calculation varies based on project type	
	[Benefit Safety]	Safety Benefits Over 10 Years	Dollars (\$)	Traffic Safety data	
	[Project Cost]	Estimated Project Cost at time of submittal	Dollars (\$)	Best available cost	
	[Other Funds]	Non-federal or non-state funds that are committed to project	Dollars (\$)	Submitting organization	
EXAMPLE PROJECT CALCULATIONS	Data	Measure	Scaled Measure/Criteria Score		
	[Benefit TTS] = \$35,900,000	$\frac{[Benefit\ TTS] + [Benefit\ Safety]}{[Project\ Cost]} + \frac{[Other\ Funds]}{[Project\ Cost]}$	29.85		
	[Benefit Safety] = \$15,300,000				
	[Project Cost] = \$400,000,000	$\frac{\$35,900,000 + \$15,300,000}{\$400,000,000} + \frac{\$0}{\$400,000,000} = 0.13$			
	[Other Funds] = \$0				

# Highway Criteria - Freight

**Purpose** – Account for key indicators of freight movement

	Statewide Mobility	Regional Impact	Division Need
<b>CALCULATIONS</b>	Score Equation	$50\% * [Truck Volume] + 50\% * [Truck \%] + [Future Interstate CF]$	
	Description	Units	Data Source
<b>MEASURES &amp; DATA</b>	[Truck Volume]	Vehicles	Traffic Volume data
	[Truck %]	-	Traffic Volume data
	[Future Interstate CF]	-	Future Interstate data
	Measure	Scaled Measure	Criteria Score
<b>EXAMPLE PROJECT CALCULATIONS</b>	[Truck Volume] = 8,300	97.88	$50\% * [Truck Volume] + 50\% * [Truck \%] + [Future Interstate CF]$
	[Truck %] = 19.49	99.51	
	[Future Interstate CF] = 0	0	$50\%*97.88 + 50\%*99.51 + 0 = \mathbf{98.70}$

## Highway Criteria - Safety

**Purpose** – Measure existing crashes along/at the project and calculate future safety benefits

	Statewide Mobility	Regional Impact	Division Need
<b>CALCULATIONS</b>	Score Equation	$40\% * [Crash\ Data] + 60\% * [Benefit\ Safety]$	

	Description	Units	Data Source
<b>MEASURES &amp; DATA</b>	[Crash Data] Crash data along/at project, including crash density, crash severity, critical crash rate, crash frequency and/or severity index	Crashes	Traffic Safety Data
	[Benefit Safety] Safety Benefits Over 10 Years	Dollars (\$)	Traffic Safety Data

## Highway Criteria - Economic Competitiveness

**Purpose** – Measure the economic benefits the transportation project is expected to provide in economic activity Gross Domestic Product (GDP) and jobs over 10 years

	Statewide Mobility	Regional Impact	Division Need
<b>CALCULATIONS</b>	Score Equation	$50\% * [\% \text{ County Econ}] + 50\% * [\% \text{ Jobs}]$	

	Description	Units	Data Source
<b>MEASURES &amp; DATA</b>	[% County Econ]    % Change in county economy over 10 Years	-	TREDIS Economic Impact Model
	[% Jobs]    % Change in long term jobs	-	TREDIS Economic Impact Model



## Highway Criteria - Accessibility / Connectivity

**Purpose** – Improve access to opportunity in rural and less-affluent areas and improve interconnectivity of the transportation network.

	Statewide Mobility	Regional Impact	Division Need
<b>CALCULATIONS</b>	Score Equation	$50\% * [\textit{County Economic Indicator}] + 50\% * \frac{[\textit{Benefit TTS}] * [\textit{Improve Mobility}]}{[V]}$	

		Description	Units	Data Source
MEASURES & DATA	[County Economic Indicator]	Points based on economic distress indicators of property tax per capita, population growth, median income, and unemployment rate	-	Department of Commerce
	[Improve Mobility Factor]	Value is 1 if project upgrades facility type to higher mobility. Value is 0 if project does not upgrade facility type to higher mobility	-	Look up table
	[Benefit TTS]	Travel Time Savings Over 10 Years	Dollars (\$)	Calculation varies based on project type
	[V]	Existing Volume	Vehicles	Traffic Counts

# Highway Criteria - Lane Width

**Purpose** – Measure the existing lane width vs. DOT design standard

	Statewide Mobility	Regional Impact	Division Need
CALCULATIONS	Score Equation	$[Lane\ Width] - [DOT\ Design\ Standard\ Lane\ Width]$	

	Description		Units	Data Source
MEASURES & DATA	[Lane Width]	Existing Lane Width	Feet	Pavement Condition Survey
	[Design Standard Lane Width]	NCDOT design standard lane width for facility	Feet	NCDOT Roadway Design Standards

## Highway Criteria - Shoulder Width [Paved]

**Purpose** – Measure the existing paved shoulder width vs. DOT design standard

CALCULATIONS	Statewide Mobility	Regional Impact	Division Need
	Score Equation $[Paved\ Shoulder\ Width] - [DOT\ Design\ Standard\ Paved\ Shoulder\ Width]$		

MEASURES & DATA	Description		Units	Data Source
	[Paved Shoulder Width]	Existing Paved Shoulder Width	Feet	Pavement Condition Survey
	[Design Standard Paved Shoulder Width]	NCDOT design standard paved shoulder width for facility	Feet	NCDOT Roadway Design Standards

## Highway Criteria - Pavement Condition

**Purpose** – Measure the existing pavement condition along the project

CALCULATIONS	Statewide Mobility		Regional Impact	Division Need
	Score Equation	$100 - [\textit{Pavement Condition Rating}]$		

MEASURES & DATA	Description		Units	Data Source
	[Pavement Condition Rating]	Pavement Condition Rating; Higher scores indicate poorer pavement condition	-	Pavement Condition Survey

# Highway Criteria - Multimodal

**Purpose** – Measure degree the highway project benefits other modes

	Statewide Mobility	Regional Impact	Division Need
<b>CALCULATIONS</b>	Score Equation $[Proximity Points] + [Other Benefit Points]$		

	Description and Data		Data Source
<b>MEASURES &amp; DATA</b>	[Proximity Points]	Points based on proximity to airports, ferry terminals, ports, intermodal terminals, passenger bus or rail stations, park & ride lots, military bases	GIS proximity layer
	[Other Benefit Points]	Points if project includes bicycle and/or pedestrian accommodations, transit roadway components, managed lanes	From project submittal

# Questions & Open Discussion

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Strategic Prioritization Office of Transportation (SPOT)

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

## RESOLUTION FOR OSCAR N. HARRIS BRIDGE

**WHEREAS**, Oscar N. Harris was born on Nov. 6, 1939 and grew up on a Sampson County farm; and

**WHEREAS**, Harris graduated from Hobbton High School and after serving in the United States Marine Corp, earned a Business Administration degree from Campbell University; and

**WHEREAS**, Harris started his own firm, Oscar N. Harris & Associates, PA, in 1978. After 50 years as a Certified Public Accountant, Harris retired in 2017. He continued his work in other business ventures until his death; and

**WHEREAS**, Harris worked to help form the Dunn United Ministers Association and Food Pantry to help those less fortunate and in need. He also served the General William C. Lee Memorial Commission, Dunn Area History Museum, Campbell University, and the Habitat for Humanity of Harnett County, just to name a few; and

**WHEREAS**, his exceptional record in public service included five terms as mayor of Dunn, two terms as senator of the NC 15th Senatorial District, serving on the N.C. Board of Transportation, N.C. Banking Commission and N.C. Economic Development Boards; and

**WHEREAS**, Oscar was a devoted husband to his beloved late wife, Jean, and was a loving father, grandfather and an active member of Glad Tidings Church of Dunn for more than 50 years; and

**WHEREAS**, the Dunn City Council, on behalf of Dunn residents and our community, request that a bridge be named in honor of Oscar N. Harris.

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

That the North Carolina Board of Transportation names the Interstate 95 bridge at U.S. Highway 421 in Dunn the *Oscar N Harris Bridge*.

That appropriate signs will be erected at a suitable time.

Adopted this the 3<sup>rd</sup> day of November by the North Carolina Board of Transportation.

  
Chairman

  
Secretary of Transportation

# RESOLUTION

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

## RESOLUTION FOR UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL— NORTH CAROLINA TAR HEELS 2022 WOMEN'S LACROSSE NATIONAL CHAMPIONS

**WHEREAS**, the University of North Carolina at Chapel Hill requests eight championship signs for winning the 2022 Women's Lacrosse National Championship on May 29, 2022; and

**WHEREAS**, the team won the championship title against Boston College with a 12-11 victory and finished the season undefeated; and

**WHEREAS**, this national championship win meets the criteria to obtain a championship sign.

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

That the North Carolina Board of Transportation honors the University of North Carolina at Chapel Hill with eight national championship signs that read *North Carolina Tar Heels 2022 Women's Lacrosse National Champions*.

That appropriate signs will be erected at a suitable time.

Adopted this the 3<sup>rd</sup> day of November by the North Carolina Board of Transportation.

  
Chairman

  
Secretary of Transportation





# ADVANCED TECHNOLOGY COMMITTEE MEETING MINUTES

DATE: August 10, 2022 TIME: 1:55 PM

LOCATION: 1 South Wilmington Street  
Room 150  
Raleigh, North Carolina 27601  
Virtual/Microsoft Teams

MEETING CALLED BY	Vice Chair Wells
BOARD ATTENDEES	Andy Wells (Vice Chair), Billy Clarke, Dirk Cody, Tony Lathrop, Patrick Molamphy and Thomas Taft in attendance. All present members attended in-person. Members Absent: Landon Zimmer (Chair), Allen Moran, Chuck McGrady,

## AGENDA TOPICS

1. Call to Order, Roll Call, Declaration of Quorum, Non-Conflict Statement and Consideration of the March 9, 2022, Meeting Minutes – Vice Chair Wells	
DISCUSSION SUMMARY	<p>Vice Chair Wells stated for members that he would like to take this time to 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>Vice Chair Wells called the meeting to order, conducted a roll call of members present, and declared a quorum was present.</p> <p>Vice Chair Wells read the non-conflict/ethics statement and asked if there were any known conflicts or appearances of conflicts of interest.</p> <p>Vice Chair Wells 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 March 9, 2022, meeting be approved as submitted.</p>
ACTIONS TAKEN	<p>Vice Chair Wells asked for a motion to approve the March 9, 2022, meeting minutes.</p> <p>Board member Cody made the motion to approve the minutes and Board member Taft provided the second.</p> <p>Vice Chair Wells took a roll call vote. Members individually voted in favor of approving the minutes and the March 9, 2022, minutes were approved unanimously.</p>
2. Topic: Improving Safety, Mobility & Equitable MBUF Through Connected Vehicle Data Analytics & Insights. Presenters: Craig Smith, V.P. Sales, Wejo, Carl Novelli, Assistant V.P. Public sector, Wejo, and Bethany Haslam, SR. Business Manager Public Sector, WEJO.	
DISCUSSION SUMMARY	<p>Mr. J.J. Eden, Executive Director of the North Carolina Turnpike Authority introduced the topic of the Presentation: Improving Safety, Mobility &amp; Equitable MBUF through Connected Vehicle Data Analytics and Insights. He discussed WEJO, a worldwide connected vehicle data exchange platform service provider.</p>



## ADVANCED TECHNOLOGY COMMITTEE MEETING MINUTES

	<p>Mr. Eden shared that WEJO would present information about data services that come from connected vehicles and how this data that can be used for mileage-based user fees and may also be used for mobility and safety applications.</p> <p>Representatives of WEJO were introduced to share a presentation titled <b>“Connected Vehicle Data Analytics.”</b></p> <ul style="list-style-type: none"> <li>○ Craig Smith, Executive V.P. Sales, WEJO</li> <li>○ Carl Novelli, Assistant V.P. Public Sector, WEJO</li> <li>○ Bethany Haslam Senior Business Development Manager Public Sector, WEJO</li> </ul> <p>The WEJO presentation focused on the following:</p> <ul style="list-style-type: none"> <li>● AV, EV &amp; Connected Vehicle Data and the WEJO Multi-OEM Data Supply</li> <li>● WEJO Standards of data security and privacy protection</li> <li>● A discussion about how Mobile Data and Connected Vehicle Data differ</li> <li>● Specific North Carolina Statistics and listing of Active Organizations using WEJO Data</li> <li>● Visual mapped examples of Connected Vehicle Data applications for Harsh Breaking – Identifying potential accident hotspots in Work Zones</li> <li>● Examples of how WEJO can support MBUF (Mileage Based User Fees) and Vehicle Miles Traveled (VMT) models and impact analysis</li> </ul> <p>A discussion of the topics presented was led by Vice Chair Wells. This included the applications for real time usage for safety purposes.</p> <p>A discussion of the details of privacy protection included information regarding the anonymity of vehicles/owners participating in the collection of information as well as the de-identification to ensure no Personally Identifiable Information (PII) is revealed. Information regarding the process of consent was shared and stated that the consent is obtained by the Original Equipment Manufacturer (OEM) on a periodic basis.</p> <p>A brief discussion of application for safety purposes included the information that Connected Vehicle Data is more accurate than Mobile Phone Data.</p>
ACTIONS TAKEN	None Taken
3. Other Discussion	
DISCUSSION SUMMARY	Mr. J.J. Eden made Closing Remarks and thanked the WEJO Presenters and Board Members for their participation in the Advanced Technology Meeting
ACTIONS TAKEN	None Taken



## ADVANCED TECHNOLOGY COMMITTEE MEETING MINUTES

### 4. ADJOURNMENT

#### ACTIONS TAKEN

Vice Chair Wells asked for a motion to adjourn the August 10, 2022, meeting.

Board member Taft made the motion to adjourn the meeting and Board member Clarke provided the second.

Vice Chair Wells took a roll call vote. Members Wells (Vice Chair), Clarke, Cody, Lathrop, Molamphy and Taft individually voted in favor of adjourning the meeting. The meeting was adjourned unanimously.



# ADVANCED TECHNOLOGY COMMITTEE MEETING AGENDA

## BOARD OF TRANSPORTATION WEDNESDAY, NOVEMBER 2, 2022

TIME: IMMEDIATELY FOLLOWING THE WORK SESSION

LOCATION: NC DEPARTMENT OF TRANSPORTATION HIGHWAY BUILDING  
ROOM 150

Members of the Board will participate in Room 150 or via Microsoft Teams.

TOPIC	PRESENTER	TIME
Welcome Call to Order Roll Call Declaration of Quorum Approval of August 10, 2022 Meeting Minutes	Landon Zimmer, Chair	2:00 PM
Opening Remarks	Landon Zimmer, Chair	2:05 PM
Public Perception of Transportation Fees in North Carolina	Burt Tasaico, NCDOT Director, Strategic Initiatives and Program Support Dr. Daniel Findley, NCSU Institute for Transportation Research and Education	2:10 PM
Verizon Intelligent Transportation Solutions	JJ Eden, NC Turnpike Authority Executive Director Athreya Sreenivassan, Transportation Domain Specialist Verizon Business Group	2:40 PM
Other Discussion	Landon Zimmer, Chair	2:55 PM
Adjourn	Landon Zimmer, Chair	3:00 PM

# Public Perception of Transportation Fees in North Carolina

RP 2022-30 | 2 November 2022

# Research Overview

- Survey
  - Conducted online from August 5 to 18 with over 1,700 respondents across the state
  - Updated from previous versions to focus on perceptions of electric vehicles, clarify and improve survey throughout
- Focus Groups
  - 12 focus group conducted online from July 13 to 29 with 110 participants total

# Overview

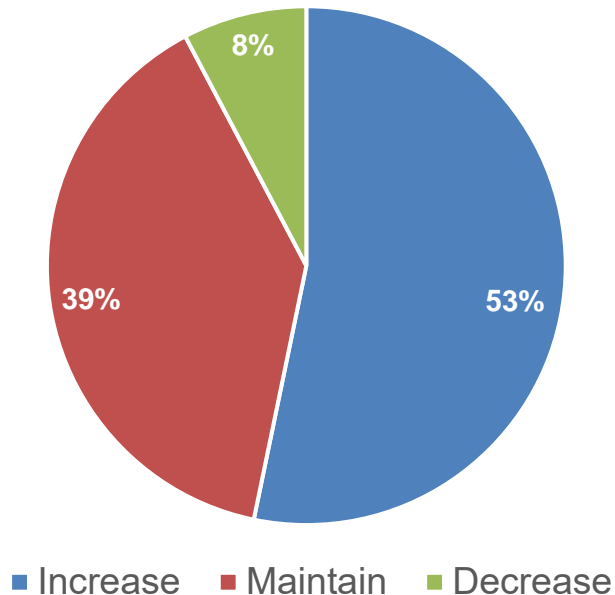
- Support for increasing or maintaining transportation spending
- General state sales tax increase preferred to fund transportation
- 65% of respondents with plans to purchase or lease a new vehicle would consider an electric vehicle
- Respondents indicated that vehicle price, maintenance costs, and the cost of fuel or charging are most important traits they consider in a vehicle
- Purchase price, range, ability to charge mentioned frequently in focus groups

# **Transportation Funding and Tax Alternatives**

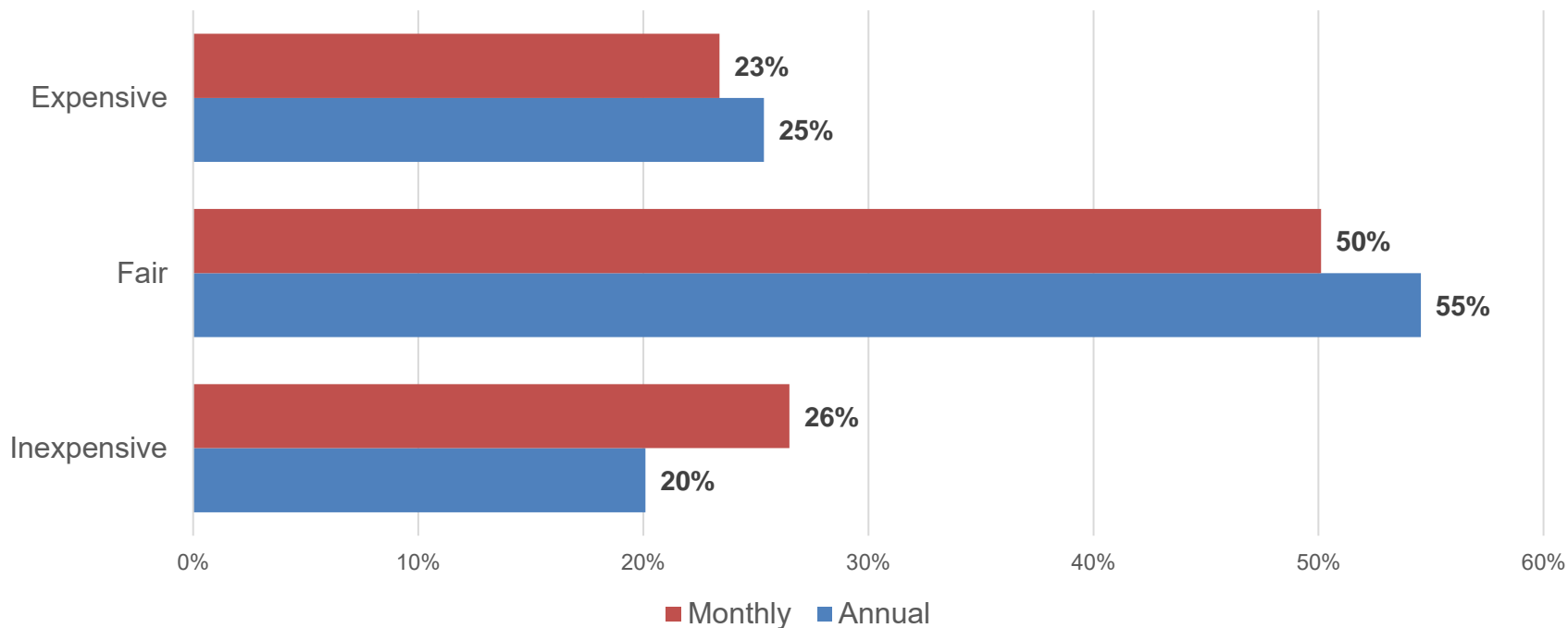


## Perception of transportation funding in NC

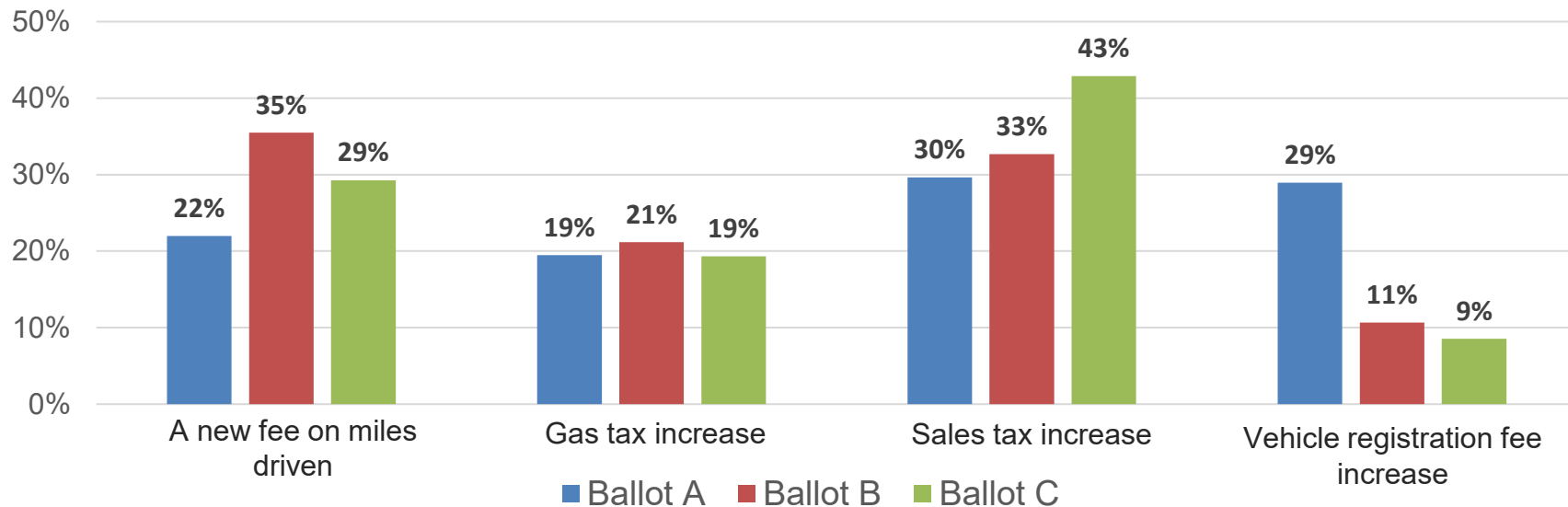
North Carolina needs to ... increase, decrease, or keep spending current amount on roads



## Perception of gas tax cost, monthly versus annual ballot



## Preferred funding source by ballot



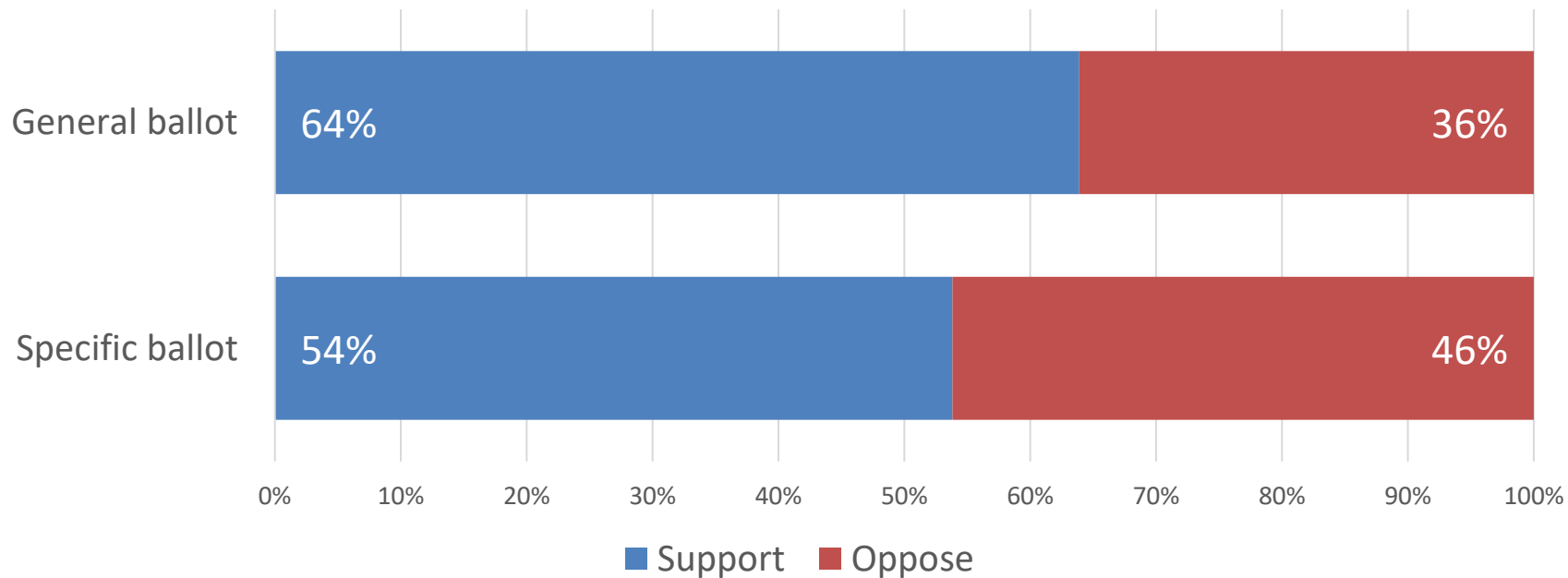
	New fee on miles driven	Gas tax increase	Sales tax increase	Vehicle registration fee increase
Ballot A	General	General	General	General
Ballot B	Half of 1 cent fee	9 cent increase	Half of 1 cent increase	\$60 increase
Ballot C	1 cent fee	18 cent increase	1 cent increase	\$120 increase

# Electric Vehicles

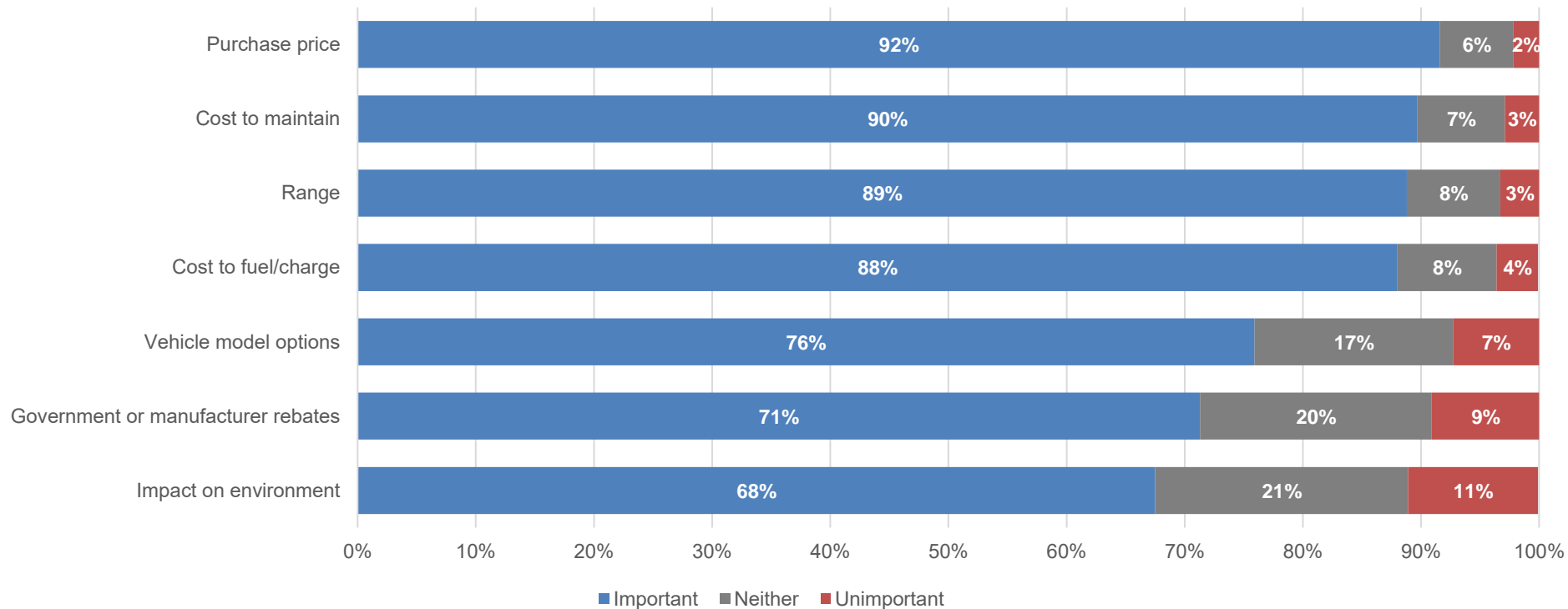
# EV Respondent Overview

- 65% of survey respondents who did not drive an EV indicated that they would consider an EV as their next vehicle
- 73% of respondents reported having read or heard “some” or “a lot” about EVs
- 47% of respondents estimated the correct average EV range, 200 to less than 400 miles

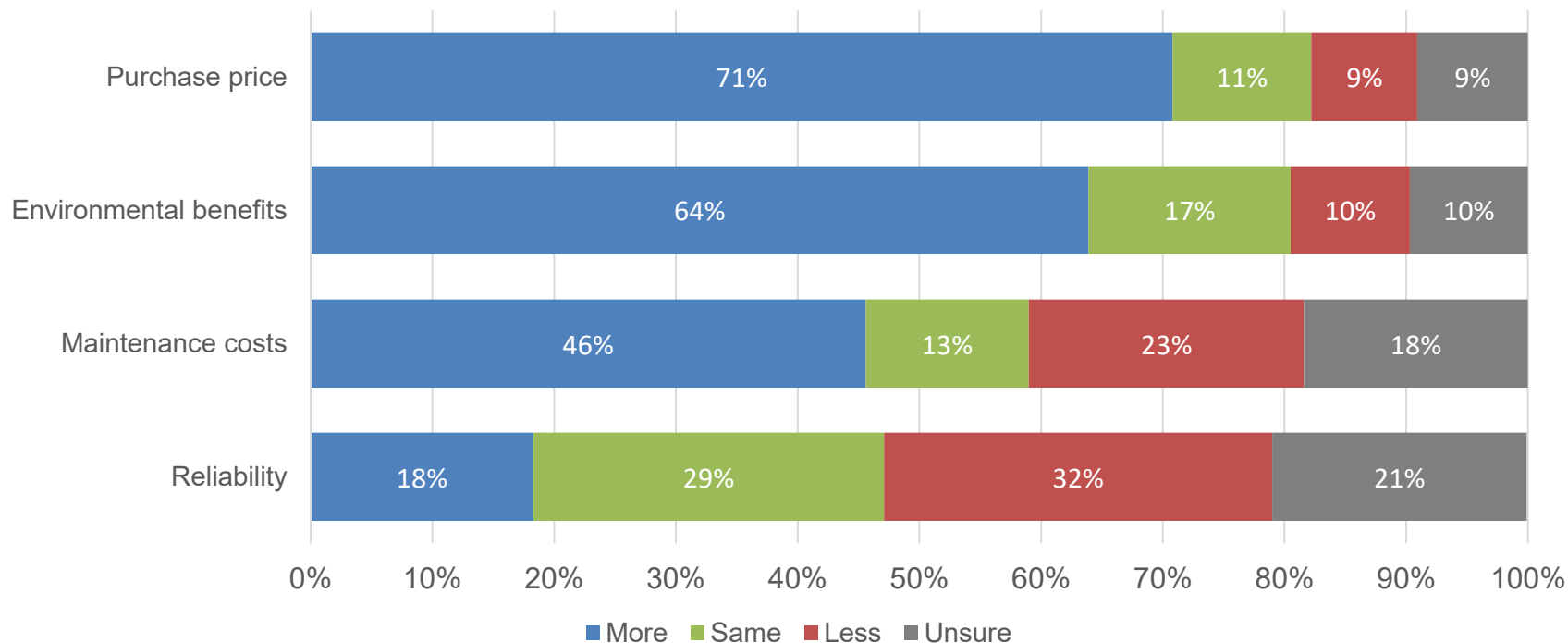
## Support for EV goals



## Importance of Vehicle Traits

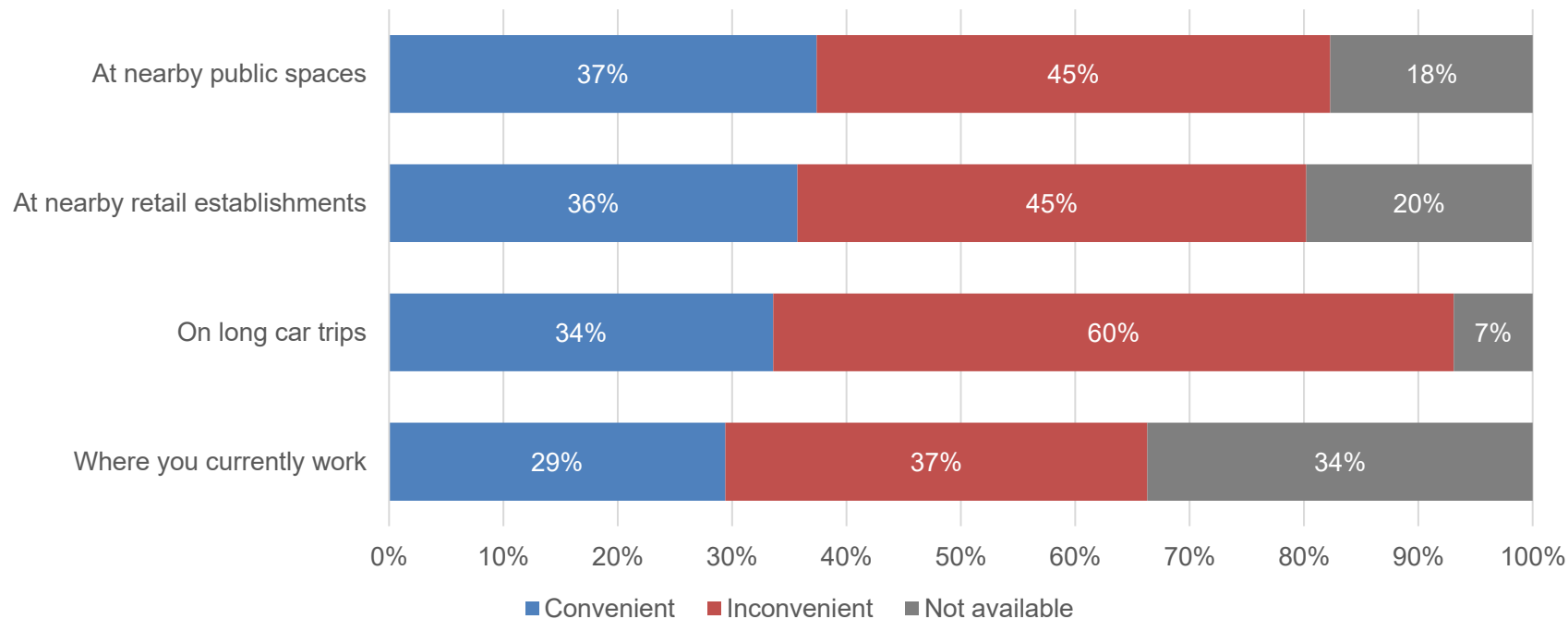


## Perceptions of EVs versus traditional gas- and diesel-powered vehicles





## Perceived convenience of EV charging among non-EV owners



# Overview

- Respondents support increasing or maintaining transportation funding
- State sales tax increase is most preferred funding source
- Availability of charging, range, and initial purchase price are notable barriers to EV interest and potential adoption in focus groups
- Most respondents think that EV charging would be inconvenient or not possible

# Thank you!

Questions? Comments?

# Verizon Intelligent Transportation Solutions

## Applicability to Mileage-Based User Fees (MBUF)

Presented to:  
NCDOT – Advanced Technology Committee  
November 2, 2022

Athreya Sreenivasan  
Transportation Domain Specialist  
Verizon Business Group



# Agenda

- Introductions
- Verizon's Vision
- Gas Tax & Road User Charging
- Verizon's Transportation Solutions & Applicability to Mileage-Based User Fees
- Closing



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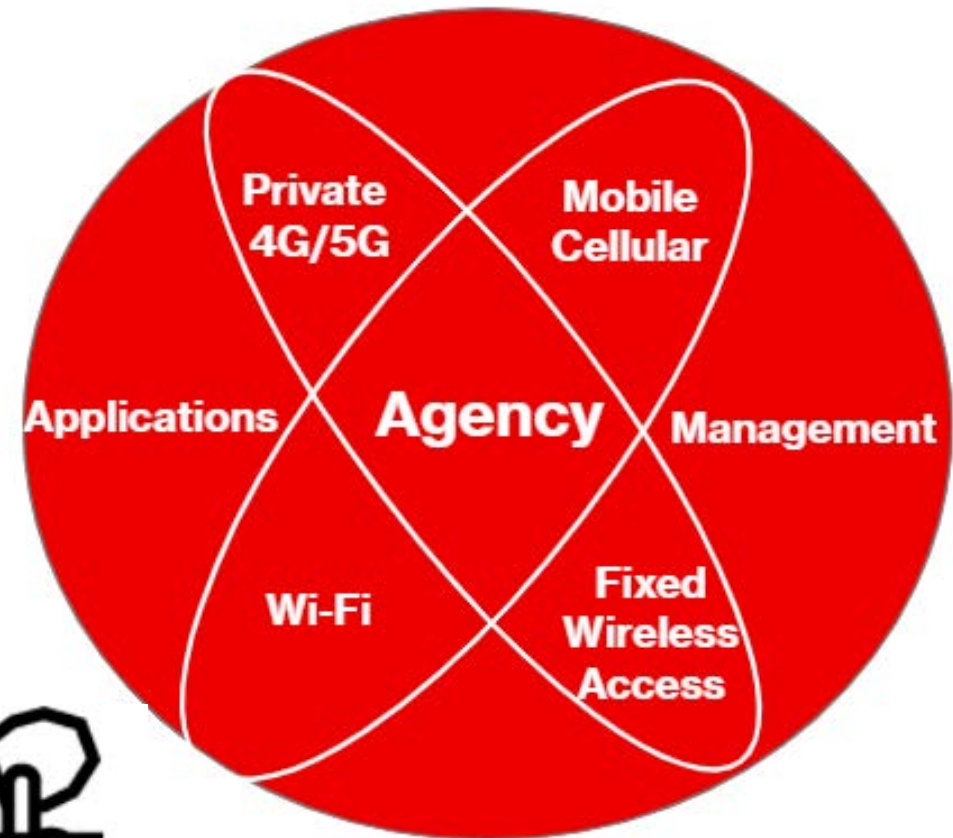
# Our Vision

Enabling transformative change through a comprehensive portfolio of communications assets, business solutions, and managed services

## All Your Needs:

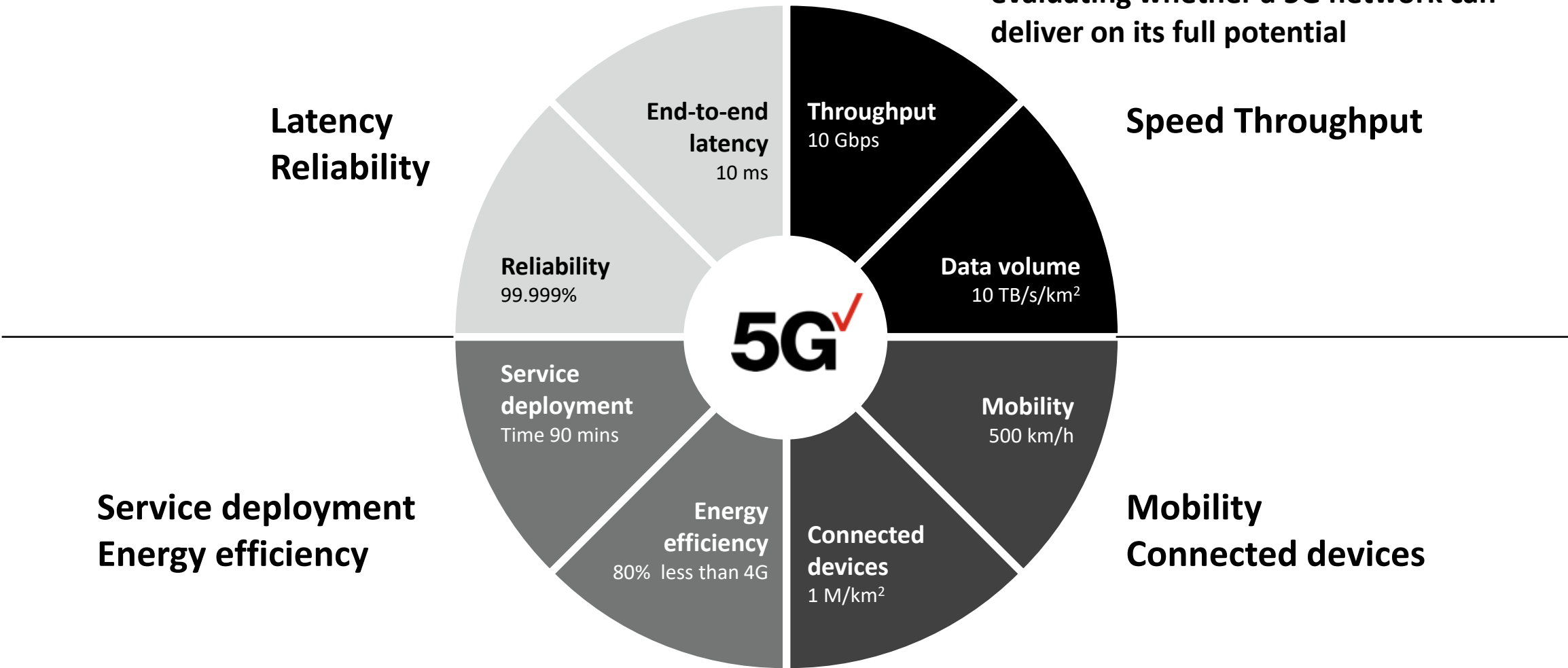
- Public and Private Access
- Managed or Unmanaged
- Fixed or Mobile
- Primary or Back-up

## All User Groups:



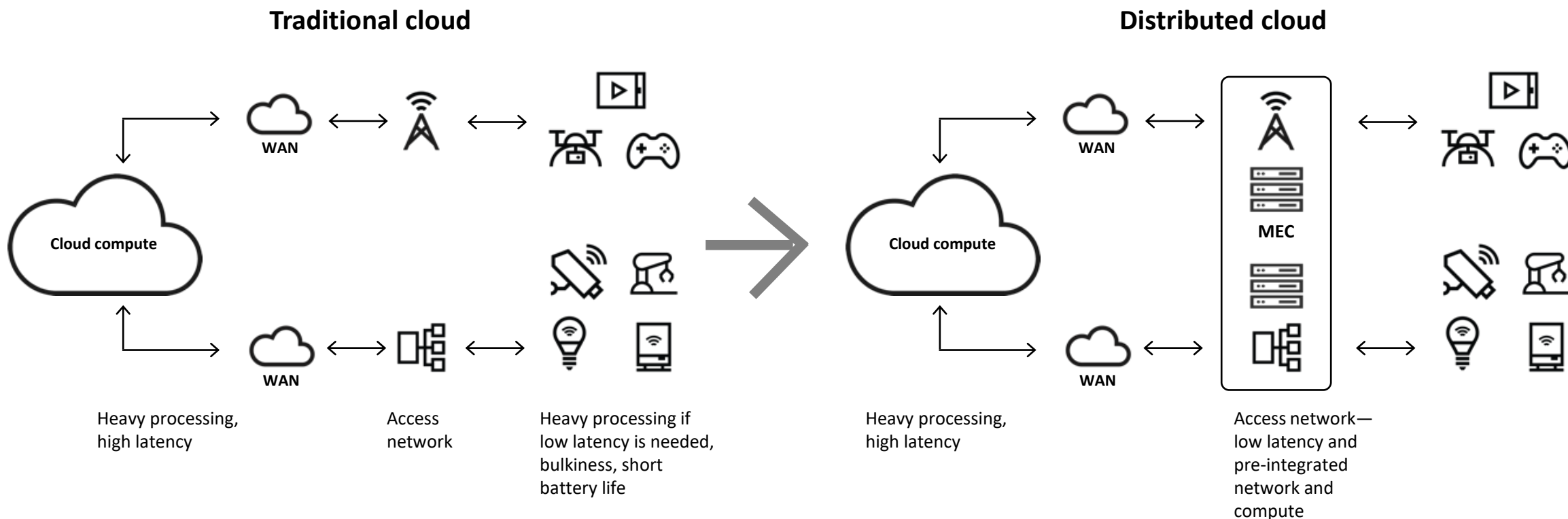
# The Eight Currencies of 5G

There are eight performance attributes, or currencies, to be considered when evaluating whether a 5G network can deliver on its full potential



# Computing on the Edge

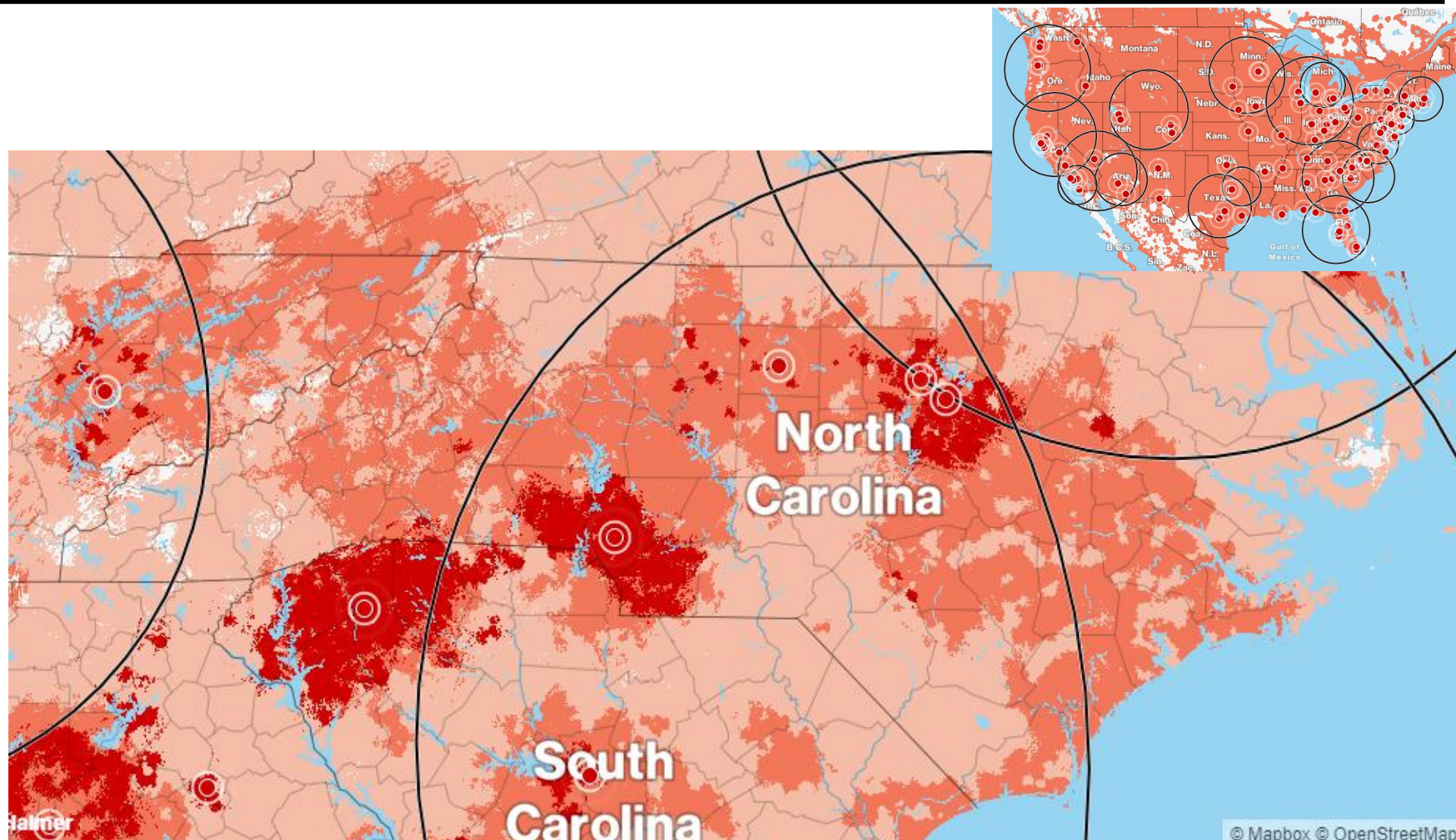
Multi-access edge computing (MEC) enables cloud servers to run closer to endpoints, reducing latency and speeding local processing





# 5G<sup>v</sup> edge

We leverage our public MEC infrastructure currently available in 19 locations to enable critical low latency applications

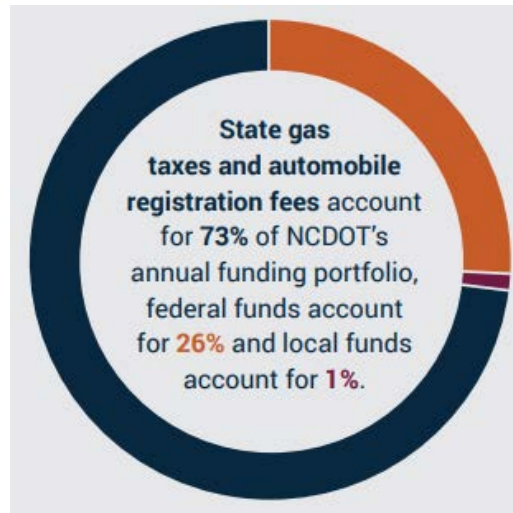


© 5G Edge ⓘ 5G Ultra Wideband ⓘ All Coverage ⓘ No Coverage

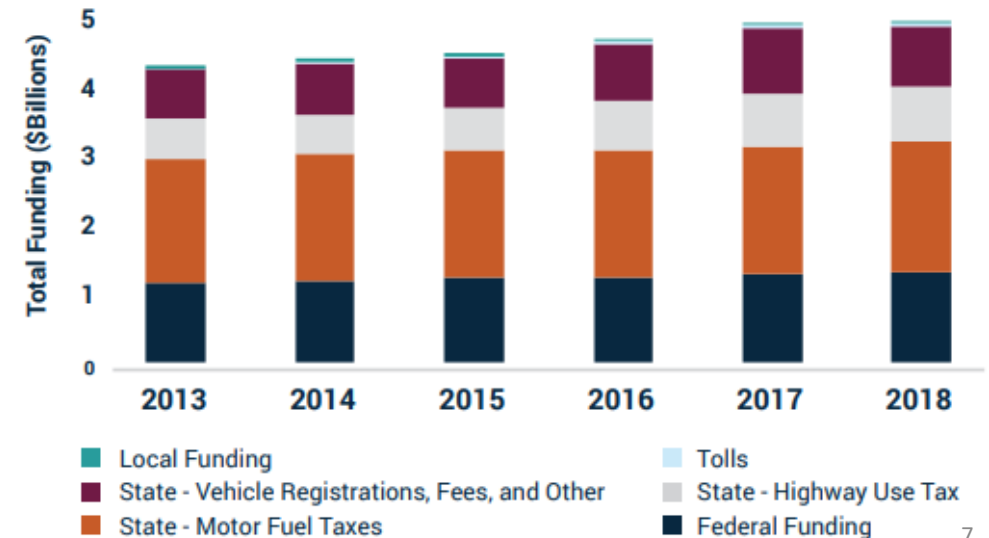
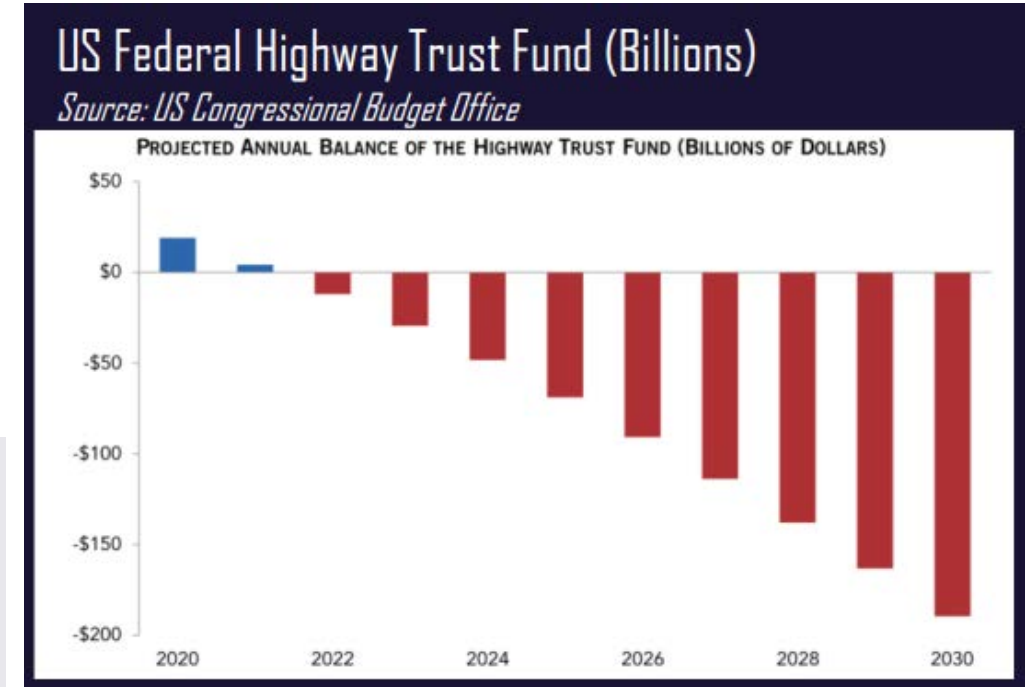
# Fuel Tax Revenues Are Eroding

Fuel taxes are the primary source of funding for highway construction and maintenance in the US at the state and federal levels

- Carbon Reduction
- Fuel Efficiency
- Cost Efficiency
- Regulation and Mandates
- Hybrid and Electric

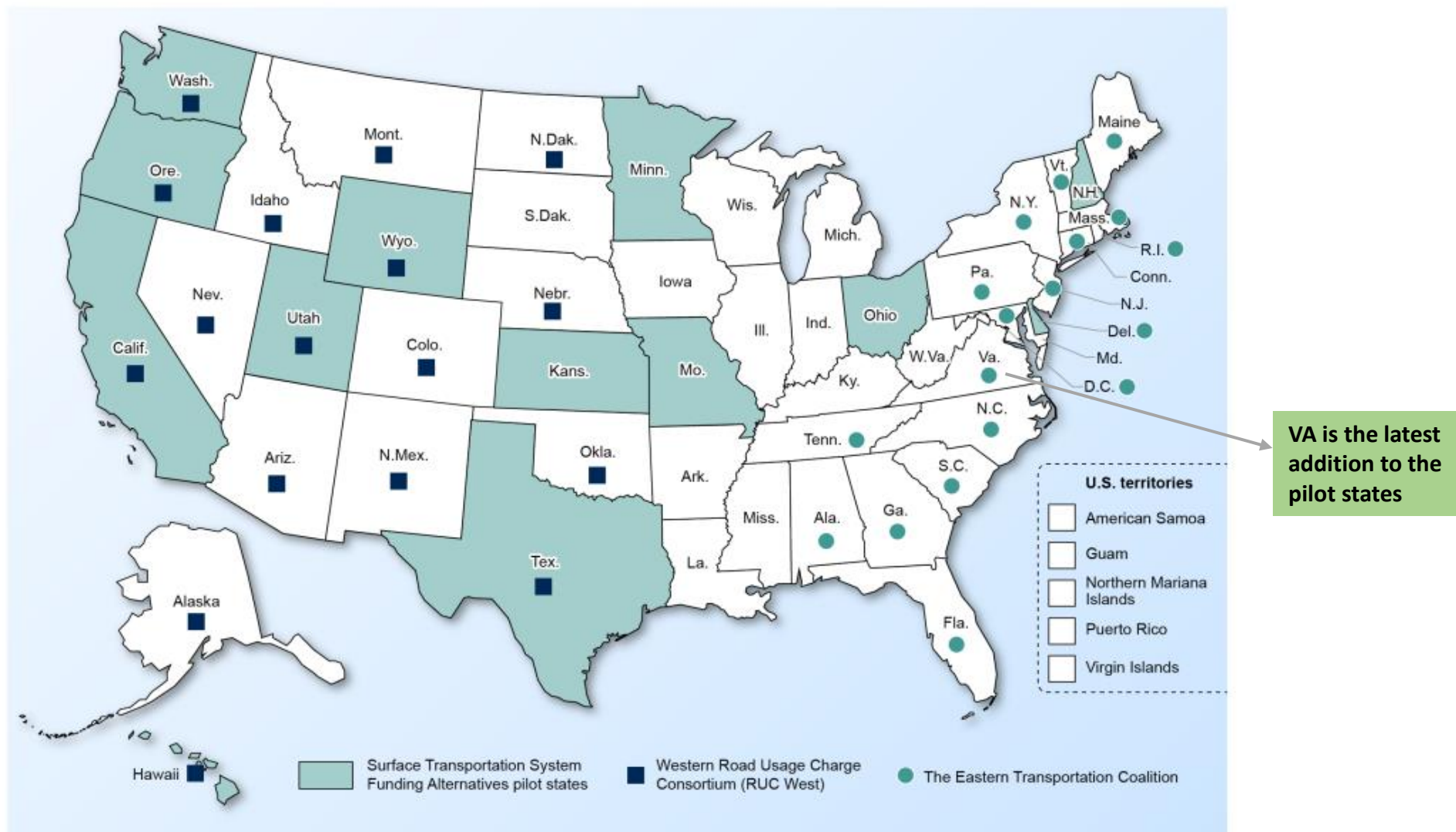


*\*Source: North Carolina DOT Annual Reports 2013-2017*





# US initiatives towards alternative funding for transportation



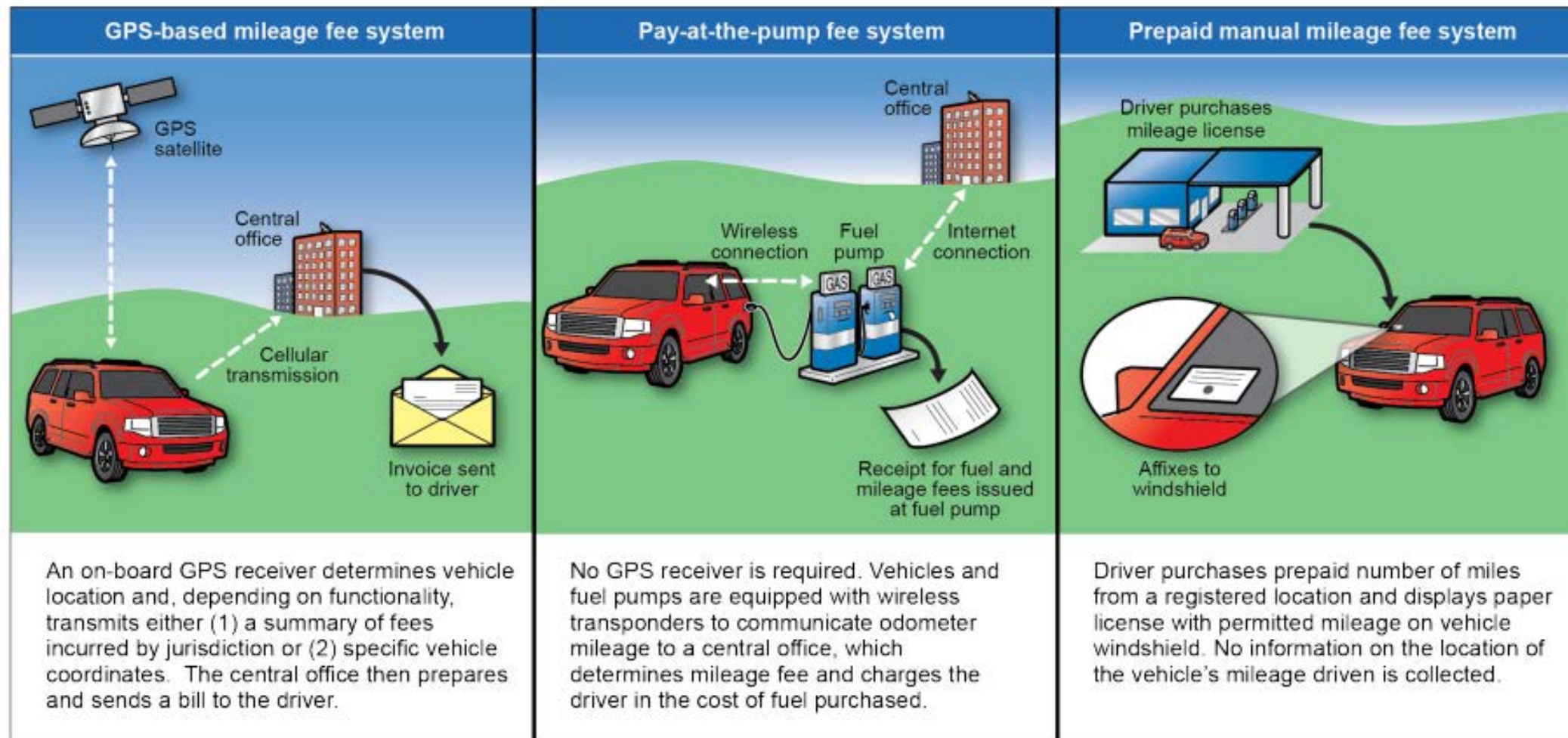
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# Functional Mileage-Based User Fees (MBUF) System

## Key participants in the ecosystem:

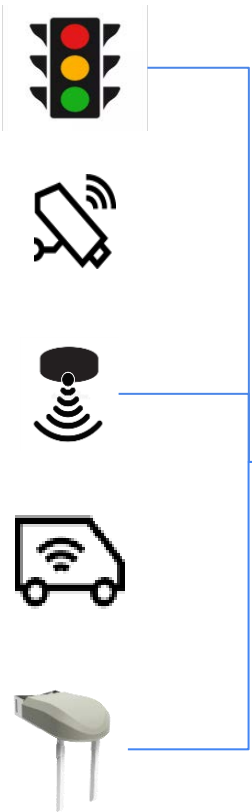
- **Vehicle owner** - Generates distance traveled data for subject vehicle and submits payment
- **Account manager** - Collects payments and issues receipt. Could be a third party of a state agency
- **State** - Remits net revenues to the appropriate fund and enforces data reporting and payment

# Potential Mileage-Based User Fees (MBUF) Implementation Options

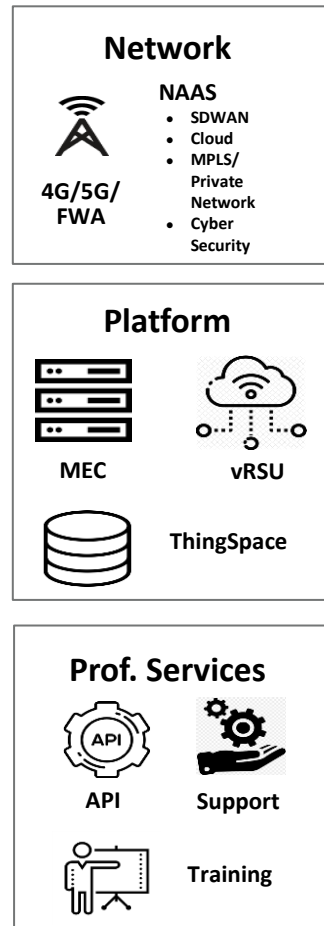


# Digitizing Our Roadways - A Phased Approach

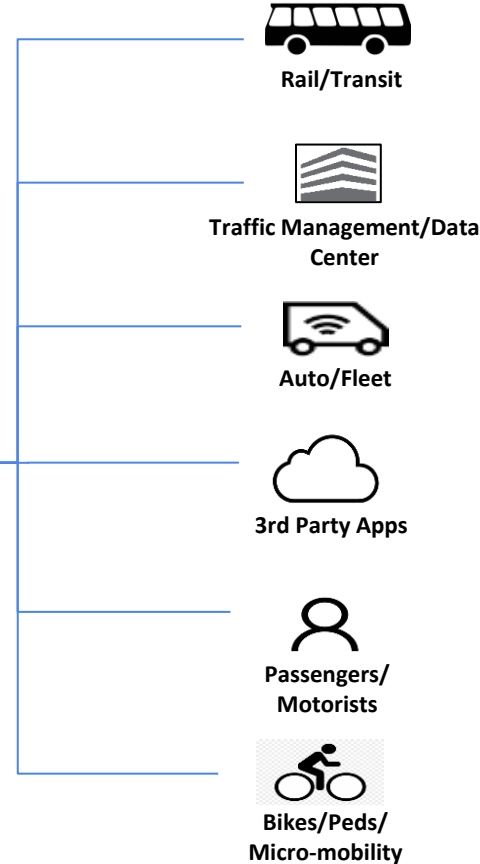
## Road Infrastructure



## Verizon Network/ Services



## Information Recipients



1.

**Connect**

2.

**Inform**

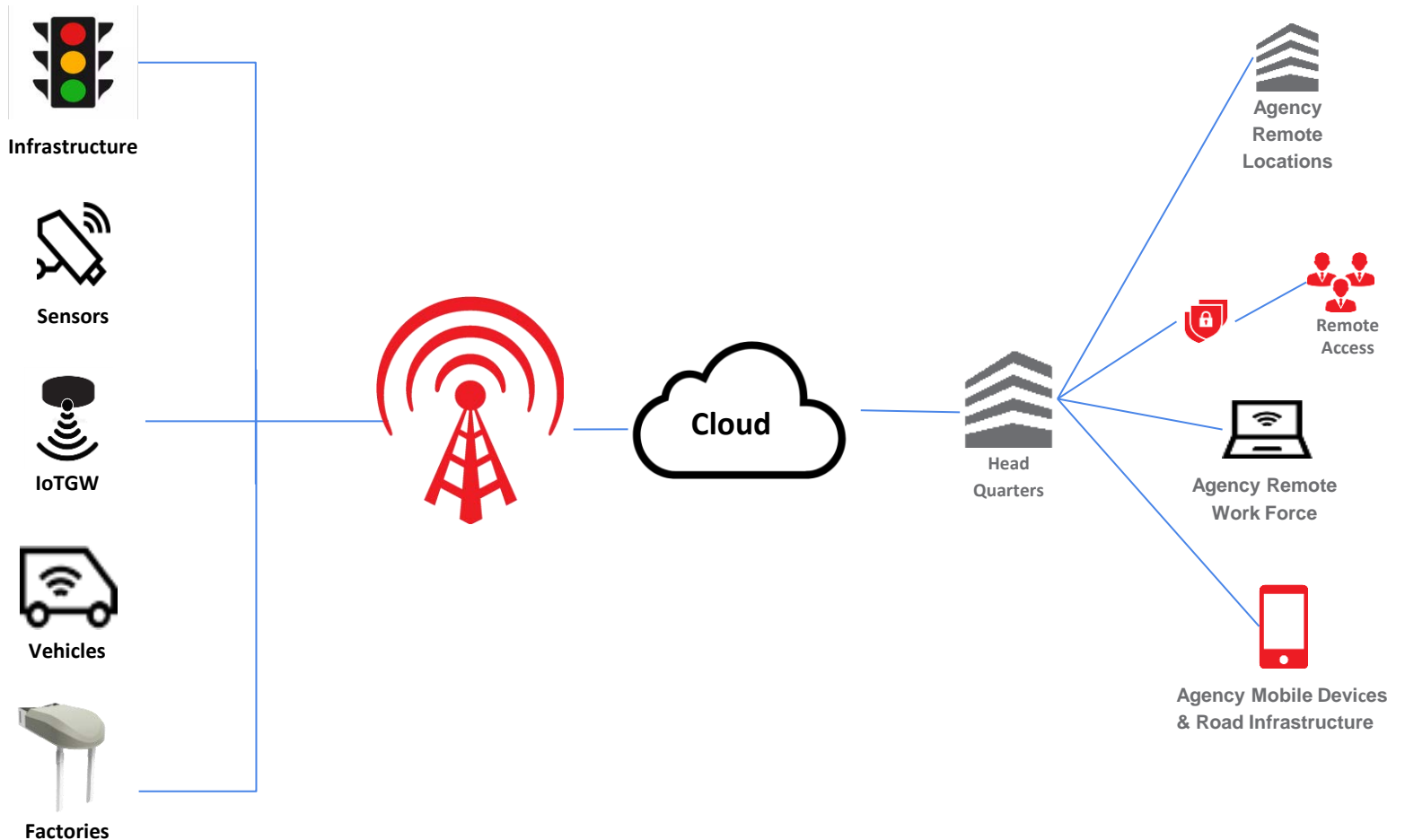
3.

**Automate**

# Connect

Establish the foundational connectivity to enable future transformation

- Existing device connectivity
- New device commissioning
- Monitor network and devices
- Manage network and security policies
- Back-end system integration





# Inform

Improved visibility and insights to enable a more efficient and safe transportation network

- Real time traffic alerts
- Incident detection and dispatch
- Traffic counts for safety and congestion mitigation
- Vision Zero analytics
- Signal timing



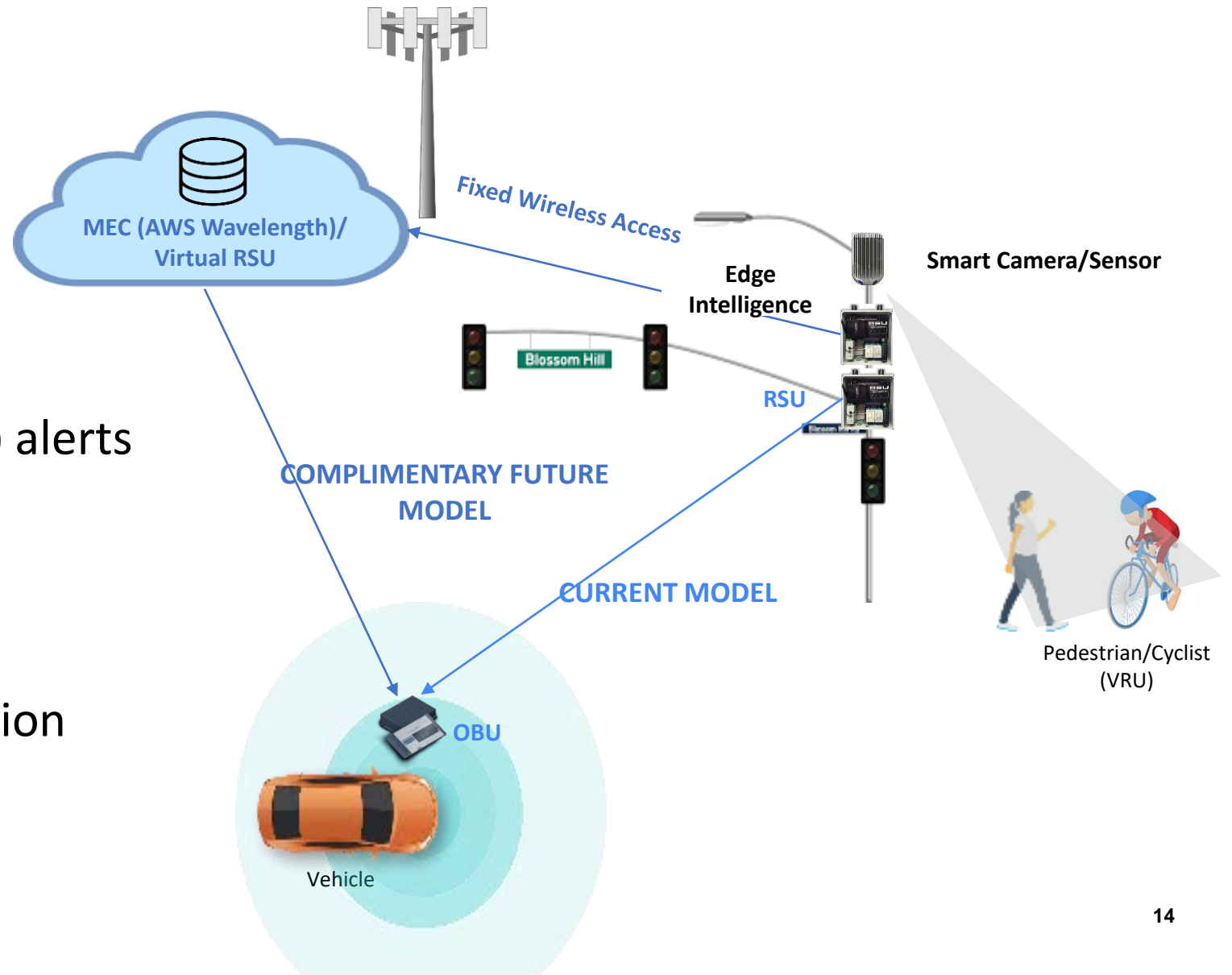


## 3

# Automate

Future proof and accelerate V2X deployment at scale with Verizon 5G/Mobile Edge Compute (MEC)

- Real time traveler information
- Vulnerable Road User (Ped, Bike) alerts
- Workzone alerts
- Traffic queue detection
- Wrong way driving
- Transit signal priority/pre-emption



# Vehicle to Everything (V2X)

## VERIZON'S V2X MODEL

### NO PHYSICAL RSUs

Leverages LTE, 5G, and Multi-Access Edge Compute (MEC), and hyper precise location technology instead of traditional physical radios



### HIGHLY SCALABLE

Rapid and equitable deployment through our model that leverages the existing cellular network



### SMARTPHONE & OBU ALERTS

Direct integration to ECU through OBU or legacy vehicles via smartphones



### SECURE

Higher levels of security than for physical RSUs



### STANDARDS BASED

We can deliver any SAE J2735 safety alert



### AUTO OEMs

Offload costly on-board computing for connected and automated vehicles, improve driver safety, and differentiate on data and service



# Verizon V2X Solutions for MBUF







# FINANCE COMMITTEE MEETING MINUTES

DATE: September 7, 2022 TIME: 10:45 AM LOCATION: Rm 150 (Board Room) Raleigh

MEETING CALLED BY	Chair Tony Lathrop
BOARD ATTENDEES	Chair Tony Lathrop, Vice Chair Chuck McGrady, Brad Lail, Lisa Mathis, Andy Wells, Stephen Rosenburgh, Landon Zimmer, Megan Phillips, and Leo Daughtry

## AGENDA TOPICS

1. Call to Order, Declaration of Quorum, Non-Conflict Statement and Approval of the August 10, 2022, Meeting Minutes – Chairman Tony Lathrop	
DISCUSSION SUMMARY	<p>Chair Lathrop called the meeting to order, conducted a roll call of members present, and declared a quorum was present.</p> <p>Chair Lathrop read the non-conflict/ethics statement and asked if there were any known conflicts or appearances of conflicts of interest.</p> <p>Chair Lathrop 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 August 10, 2022, meeting be approved as submitted.</p>
ACTIONS TAKEN	<p>Chair Lathrop asked for a motion to approve the August 10, 2022, meeting minutes.</p> <p>Board member Zimmer made the motion to approve the minutes and Rosenburgh provided the second.</p> <p>Chair Lathrop asked for a voice vote, and the August 10, 2022, minutes were approved unanimously.</p>
2. Financial Update – Stephanie King, CFO	
DISCUSSION SUMMARY	<p>Mrs. King started the meeting listing current conditions. SFY 2023 started off with a 25% decrease in monthly revenue from forecast. We will see recovery in Federal and Other revenues in August. Federal billings are low due to year end processes. General Fund Short-Term Leases were posted in August. Lower than expected car sales impacted revenue. Expenditures were 17.4% lower than forecast mainly due to construction and maintenance. August Redistribution notification was received for \$277,390,889. Accelerated FHWA billings of Advance Construction cost will result in increased cash in the coming months.</p> <p>Draft FY23-24 Spend Amendment will be presented today in the Finance Committee and submitted to the Office of State Budget &amp; Management. Budget items, revenue, business unit actions plans, and SAS analytics are all updated. We ask the Board's consideration of approval vote in the October Board session.</p> <p>DOT continues to work with SAS Institute and Ernst &amp; Young on new development and refinements. This will better enable the agency to forecast expenditures for</p>



# FINANCE COMMITTEE MEETING MINUTES

	<p>spend plan development &amp; execution as well as project level forecasting against expenses.</p> <p>We are anticipating the release of the biennial budget package from OSBM. Consensus revenue forecasting efforts will be underway for budget planning. Federal year end close processes will be underway. Negative monthly variance is attributable to all revenue categories for July.</p> <p>Highway Fund variance is a result of the Short Term Leases transfer that was posted on 8/1. HTF and the HF had lower than expected car sales for the month of July.</p>
ACTIONS TAKEN	NONE TAKEN
3. State Revenue – Historical Analysis – Amna Cameron, Deputy Director - Office of Strategic Initiatives & Program Support	
DISCUSSION SUMMARY	<p>Amna Cameron discussed the historical review of our transportation revenues. The three measures we look at for State revenues are: NC Population, NC Gross Domestic Product (GDP), and US Consumer Price Index (CPI).</p> <p>Transportation revenues are not keeping up with inflation. Additionally, NC GDP is growing at a much faster pace than State transportation revenues.</p> <p>There is only minimal growth in CPI adjusted transportation revenues since 2006 (the period reviewed). Looking at CPI from 2006 to 2022; 2019 was our highest year in revenues.</p>
ACTIONS TAKEN	NONE TAKEN
4. Draft Spend Plan Amendment 2 – Michelle Ellis, Director of Cash Management and Forecasting	
DISCUSSION SUMMARY	<p>Mrs. Ellis discussed the Drafted Spend Plan Amendment 2. The draft FY23-24 Spend Amendment was submitted to the Office of State Budget &amp; Management.</p> <p>The Drafted Spend Plan Amendment 2 has a net change in projected cash of \$25m. For SFY2023, revenue outlook has increased by \$552M between Amendment 1 and Amendment 2. In addition, total expenditures increased by \$594M.</p> <p>For SFY2024, total expenditures increased \$472 million while revenue was mostly unchanged.</p> <p>We will ask the Board's consideration of approval and vote at the October Board session.</p>
ACTIONS TAKEN	NONE TAKEN
5. Project Expenditures Forecasts – Johnny Stover, Lead Analytical Consultant (SAS)	



## FINANCE COMMITTEE MEETING MINUTES

DISCUSSION SUMMARY	<p>Mr. Stover led the presentation on Project Expenditures Forecasts. SAS's 'Base Forecast' model includes Total Project Cost; Contract Duration; &amp; Monthly Payouts.</p> <p>Forecasts were trending higher than the actuals due to the economic downturn as a result of COVID. In the fall of 2021, SAS implemented a Short-Term COVID adjustment model that applied a constant factor to certain project types and contract amounts to reduce the forecasted payouts.</p> <p>As of 8/25/22, SAS incorporated the 'Long-Term Forecast' method for NCDOT which considers external factors.</p> <p>SAS plans to integrate future refinements to the 'Long-Term Forecast'.</p> <p>EY will work with SAS and NCDOT staff, looking at processes and procedures with SAS forecasts.</p>
ACTIONS TAKEN	NONE TAKEN
6. Adjournment	
ACTIONS TAKEN	<p>Chair Lathrop asked for a motion to adjourn the September 7, 2022, meeting.</p> <p>Board member Rosenburg made the motion to adjourn the meeting and Board member Mathis provided the second.</p> <p>Chair Lathrop asked for a voice vote and the vote to adjourn was unanimous.</p>



## FINANCE COMMITTEE MEETING AGENDA

### BOARD OF TRANSPORTATION NOVEMBER 2, 2022

TIME: 10:30AM

LOCATION: ROOM 150 (BOARD ROOM), RALEIGH, NC 27601

Members of the Board will participate in-person or via Microsoft Teams.

TOPIC	PRESENTER	TIME
Welcome Call to Order Roll Call Declaration of Quorum Approval of September 7, 2022 Meeting Minutes Opening remarks	Tony Lathrop, Chair	10:30am
Financial Update	Stephanie King, CFO	10:35am
Revision to Spend Plan Policy	Stephanie King, CFO	10:45am
Advance Construction	Leigh Wing, STIP Eastern Region Manager	10:50am
Federal Program and Quarterly Revenue Update	Burt Tasaico, PE Director of Strategic Initiatives	11:00am
Powell Bill	Majed Al-Ghandour, PE Assistant Director of Planning and Programming	11:20am
Adjourn		





**NORTH CAROLINA**  
Department of Transportation

# Advance Construction

Leigh Wing, PE  
STIP Eastern Region Manager

November 2, 2022

# Advance Construction (AC)

## Definition:

- An authorization technique that allows FHWA to authorize a project without obligating federal funds. FHWA approves a project as being eligible for federal funding, but does not commit to funding the project.

## Advantage:

- Maintains eligibility for future reimbursement without a commitment of current Budget Authority (BA) and Obligation Authority (OA)

## Effective use of AC requires:

- Availability of state funds to pay project bills until reimbursement
- A stable federal program

# Traditional Funding vs. Advance Construction

## Traditional Funding

- Uses full Obligation Authority (OA) and Budget Authority (BA) when authorizing funds

For example, \$10M Federal Construction Authorization/Obligation

- \$8M (80%) in Federal Funds obligated immediately in year 1
- \$2M (20%) remaining covered with State Match

## Advance Construction

- Obligates funding over several years rather than at the beginning of a project

For example, \$10M Federal Construction Authorization/Obligation

- \$8M (80%) in Federal Funds authorized but not fully obligated until expenditures occur
  - Convert and Obligate \$2M in year 2
  - Convert and Obligate \$4M in year 3
  - Convert and Obligate \$2M in year 4
- \$2M (20%) remaining covered with State Match

# Advance Construction Workgroup

Session Law 2020 -91 required DOT to submit a report to the General Assembly about the use of AC at NCDOT

Workgroup was formed September 2020 to investigate AC usage and make any needed recommendations

- Implemented AC Policy including oversight March 2021
- At end of each Federal Fiscal Year (FFY), analysis is completed on:
  - Current AC funding levels
  - Expected AC conversion for next 2 FFY's
  - Expected new AC funding for next 2 FFY's

# AC Control and Monitoring

Two types of AC are considered separately:

- GARVEE: NC General Assembly has statutory limits in place and therefore the policy did not require any additional tests.
- Non-GARVEE AC: AC policy requires 2 tests to ensure AC usage is monitored and used prudently. (Federal funding used for GARVEE payments is subtracted prior to performing tests)

# Constraints for GARVEE AC

First Constraint: The greater of the two following tests

- Outstanding principal cannot exceed authorized federal funds in the prior FFY
- Maximum annual principal and interest does not exceed 20% of expected average annual federal revenue shown for the seven-year period in the most recently adopted STIP

Second Constraint: The amount of revenues for the FFY of issuance and previous FFY shall be at least 300 percent of the maximum annual payments for all bonds.

## Constraints for Non -GARVEE AC

First Constraint: Limit AC (by funding source) to 4 years of anticipated federal apportionments

Second Constraint: Limit amount of unreimbursed state funds (by funding source) on AC to 1 year of anticipated federal apportionment

# First Constraint Test FFY 2023 National Highway Performance Program (NHPP) Example

First, calculate limit for threshold:

- FFY 2023 Apportionment = \$772.6M
- Amount of NHPP needed for GARVEE payment = \$118.2M
- Net FFY 2023 NHPP apportionment = \$772.6M - \$118.2M = \$654.4M
- Limit on NHPP AC = \$654.4M x 4 = **\$2,618M**

Next, calculate projected AC balance at end of FFY 2023:

- AC balance at end of FFY 2022\* = \$1,806M
- Projected obligations in FFY 2023 = \$0.8M
- Projected new AC in FFY 2023 = \$370M
- Projected AC conversion in FFY 2023 (Net apportionment – projected obligations) = \$654.4M – \$0.8M = \$654M
- Projected AC balance at end of FFY 2023 (AC balance at end of FFY 2022 + new AC – AC conversions) = \$1,806M + \$370M - \$654M = **\$1,522M**
- \$1,522M is under the 4 year limit of \$2,618M, we pass first test



## Second Constraint Test FFY 2023 NHPP Example

- Net FFY 2023 NHPP apportionment = \$654.4M
- Current amount of unreimbursed NHPP AC expenditures\* = \$107M
- Since \$107M < \$654.4M, we pass the second test

Note: This test needs to be done in real time, so we have done the calculation for the end of FFY 2022. We also check periodically throughout the year.

# All Threshold Tests

FFY 2023						
	Projected AC Balance at end of FFY	4x Net Apportionment	Passes 1st Threshold Check?	Unreimbursed State Funds at end of FFY 2022	Net Annual Apportionment	Passes 2nd Threshold Check?
NHPP	\$1,522M	\$2,618M	Passes	\$107M	\$654M	Passes
STBG	\$566M	\$1,494M	Passes	\$75M	\$373M	Passes
HSIP	\$150M	\$322M	Passes	\$60M	\$81M	Passes

FFY 2024			
	Projected AC Balance at end of FFY	4x Net Apportionment	Passes 1st Threshold Check?
NHPP	\$1,734M	\$2,618M	Passes
STBG	\$891M	\$1,494M	Passes
HSIP	\$114M	\$322M	Passes

Thank you!





## **NORTH CAROLINA**

Department of Transportation



## Federal Update

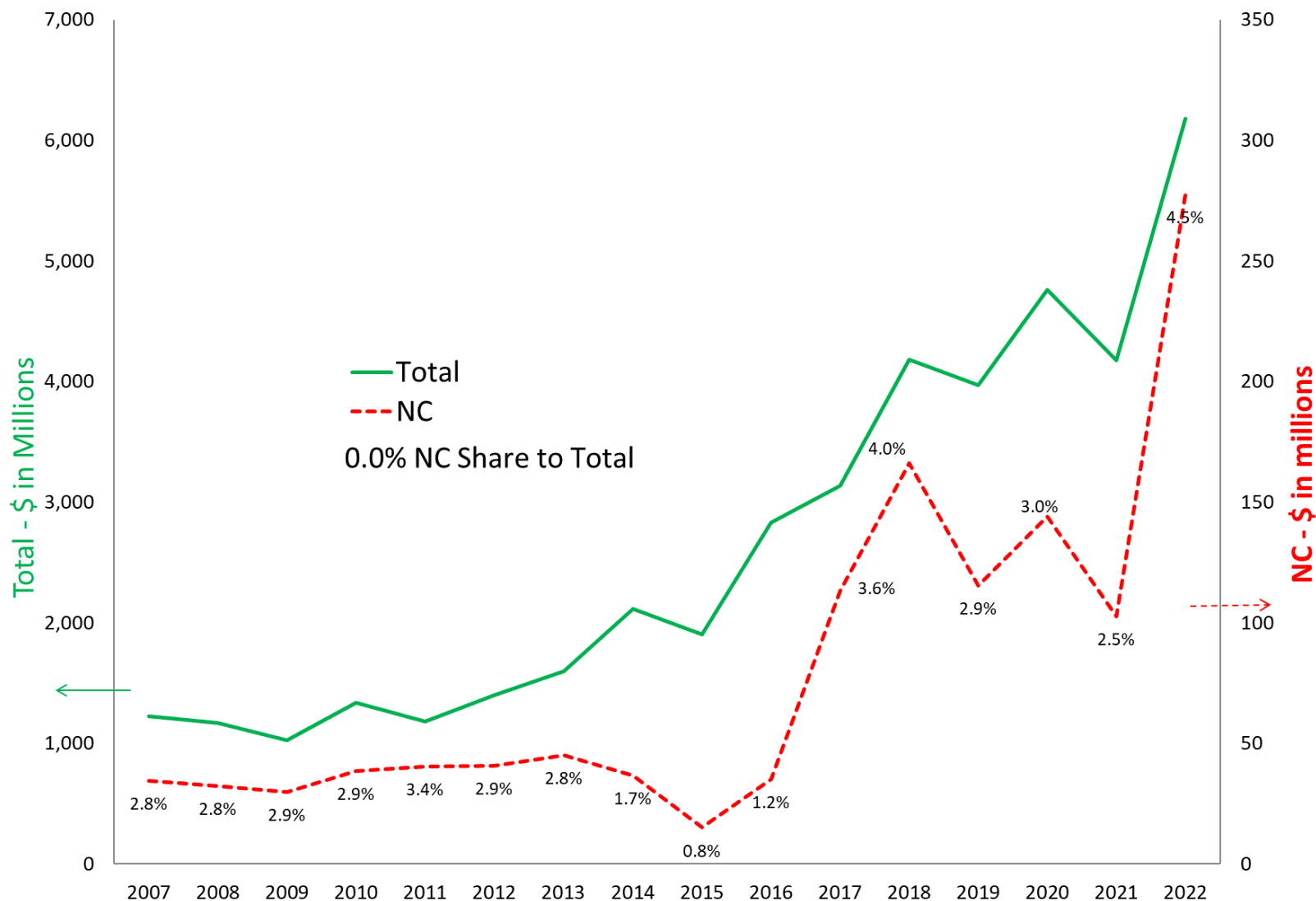
H. Tasaico, PE

11/2/2022

# August Redistribution - Purpose

- Required by appropriations act to ensure all obligation is used
- From States/programs unable to obligate full obligation
- To States that can obligate more than initial share of obligation

# US and NC August Redistribution



# FFY 2022 - Obligation Authority Comparison

Obligation Authority (OA)			August Redistribution (AR)			OA + AR		
State	Rank	Share	State	Rank	Share	State	Rank	Share
Texas	1	10.04%	California	1	11.02%	Texas	1	9.77%
California	2	9.27%	Texas	2	7.77%	California	2	9.48%
Florida	3	4.87%	Florida	3	4.86%	Florida	3	4.87%
New York	4	4.32%	Ohio	4	4.58%	New York	4	4.20%
Pennsylvania	5	4.22%	North Carolina	5	4.49%	Pennsylvania	5	4.05%
Illinois	6	3.50%	Georgia	6	3.36%	Ohio	6	3.52%
Ohio	7	3.38%	New York	7	3.24%	Illinois	7	3.42%
Georgia	8	3.321%	Oklahoma	8	3.09%	Georgia	8	3.33%
North Carolina	9	2.67%	South Carolina	9	3.08%	North Carolina	9	2.89%
New Yersey	10	2.57%	Minnesota	10	3.06%	Indiana	10	2.46%

# Federal Funding - 2022

Continuing Appropriations Act, 2023

PL 117-180

FHWA Notice 10/20/2022

December 16, 2022 – 77 days (21.1%)

Obligation Authority	Total	NC
FFY 2022 (total)	\$12.1B	
N4520.277 (net)	9.5B	252.6M

Apportionment	Total	NC

Apportionment	Total	NC
FFY 2022 (total)	\$57.5B	
(net)	???	???

Obligation Authority	Total	NC
FFY 2022	???	
		???

IIJA Total

Redistribution of Fiscal Year 2022

August Redistribution





## **NORTH CAROLINA** Department of Transportation



# Financial and Spend Plan Update

As of September 2022

Stephanie King, Chief Financial Officer

November 2022

# Executive Summary

# The Fast Five



## Revenue

- First quarter revenues exceeded forecast for the first time this fiscal year by 6%, an increase of \$96.7m in September; this increase is in part due to Spend Plan Amendment 2.
- State and federal revenue have recovered from negative variances from the prior 2 months.
- First quarter Sales Tax revenue from DOR is expected to be recognized in October.
- Accelerated Build NC billings occurred in order to close out 2020B Bond Series.



## Expenses

- First quarter expenses are lower than forecast by \$162.3M or 8.1% in September.
- Largest variances remain in Construction (\$82.4) and Maintenance (\$75.9) programs due to material and labor issues. Over 77% of September cost were to external parties.
- Mobility & Modernization, Contract Resurfacing, and Bridge Program showing the largest difference in Maintenance.
- Areas are expended at higher levels than the previous year.



## Biennial Budget Formulation

- Biennial budget process started - agency submittals due to OSBM by Nov. 23<sup>rd</sup> (fall of even numbered years).
- Base budget adjustments are taking place for allowable changes to include debt service, existing lease increases, recurring salary and benefit adjustments, Intergovernmental transfers etc.
- Expansion budget requests for new initiatives and needs is due to our budget office by Nov. 15<sup>th</sup>.



## Federal Update

- Continuing Appropriations Act was passed for continued operations thru Dec. 16<sup>th</sup> for a 77-day period.
- Per FHWA Notice N4520.277 (10/20/22), NC received \$252.7m in Obligational Authority.
- Currently developing strategies to position NC for August Redistribution next year based on the potential of high-level spending of additional billing authority.

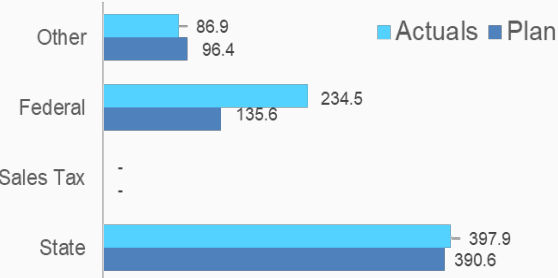



## SAS Forecasting and Ernst and Young Initiatives

- SAS has provided DOT new analytic forecasting that we are continuing to validate internally w/ E&Y
- SAS will have additional economic variables in the forecast – tested further in the coming months.
- Additional functionality will be developed to fully see actuals and forecasted cost by phase of work (Preliminary Engineering, Right of Way, Construction).

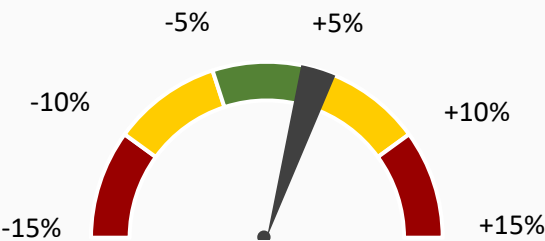
# Revenues

## September 2022 Spend Plan



 **\$96.7M**  
**15.5%**  
*Monthly Variance*

## Spend Plan FYTD Performance



 **\$96.7M**  
**6.0%**  
*FYTD Variance*

## Revenue Commentary

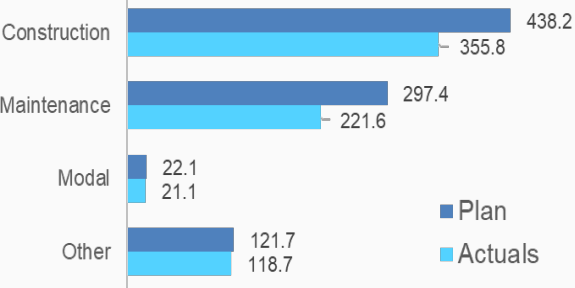
- Positive variances in Federal and State Revenues.
- Other Revenue negative variance was driven by State Capital and Infrastructure Funds (SCIF) revenue coming in lower than projected.
- State revenues in September are largely in line with forecast from Amended Plan.
- FHWA-Federal Aid monthly variance 72.9% (\$98.9M) exceeded monthly target.
- Build NC monthly variance 105.9% (\$26.1M) exceeded plan; revenues increased as we push to fully bill out all the Series 2020B Bonds.

## FY 2023 Spend Plans and Actuals (\$M)



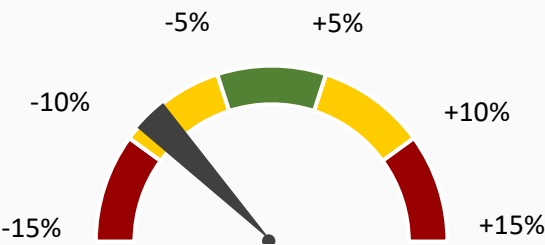
# Expenses

## September 2022 Spend Plan



 **(\$162.3M)**  
**-18.5%**  
*Monthly Variance*

## Spend Plan FYTD Performance



 **(\$162.3M)**  
**-8.1%**  
*FYTD Variance*

## Expense Commentary

- Total monthly variance was largely due to underspending in Construction (\$82.4M) and Maintenance (\$75.9M).
- Construction expenditures continue to fall behind forecast due to labor and material shortages.
- FYTD expenditures have increased 27.3% from the prior year.

## FY 2023 Spend Plans and Actuals (\$M)



# Financial Highlights

Cash

Cash Balance

**\$2,459M**

Highway Fund: **\$1,422m**  
Trust Fund: **\$1,016m**  
Other\*: **\$21m**

FY23 FCST Avg. Monthly Expenditures

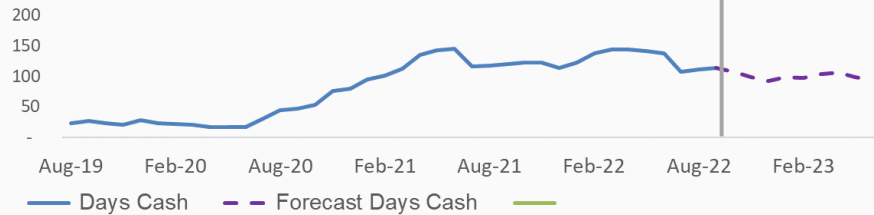
**\$657M**

Days Cash On Hand

**113.9**

Last Month: 111.5

Days Cash on Hand

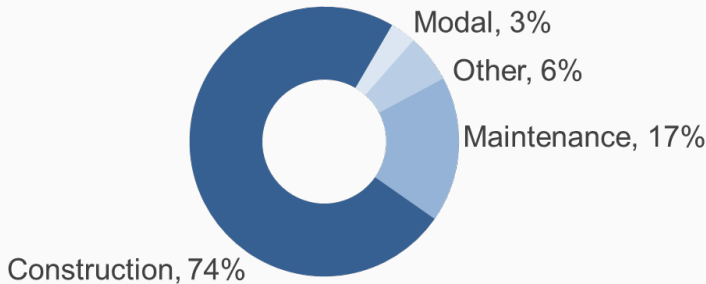


Commitments

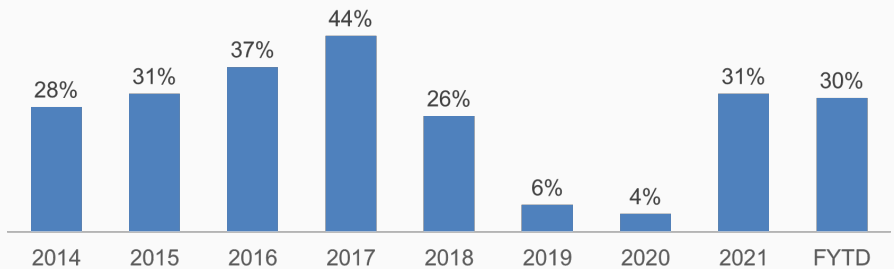
Open Commitments

**\$8,177M**

Last Month: \$8,209M



Cash as a % of Open Commitments

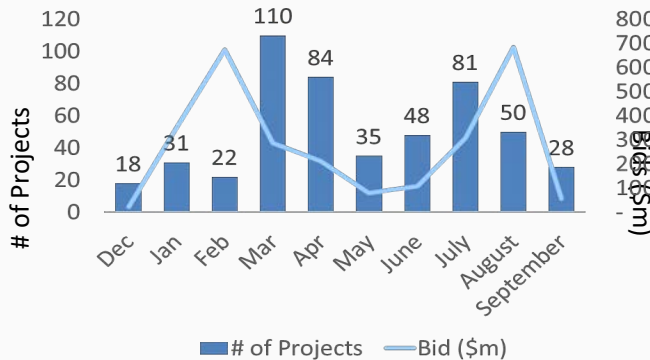


Project Activity

New Active Projects  
September

**28 Projects**

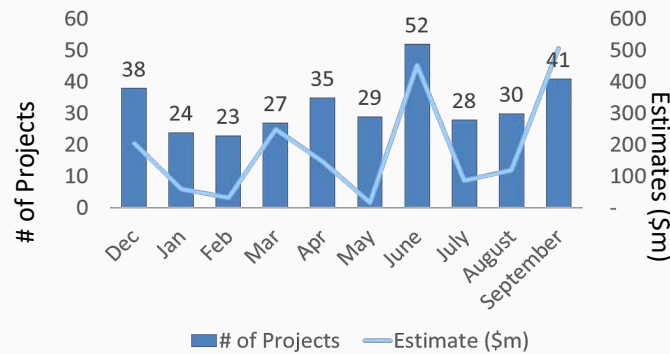
**\$57.9M**  
(Bid Amounts)



Accepted Projects  
September

**50 Projects**

**\$505.9**  
(Estimate to Date)



# Detailed Report



# Financial Analysis

- **HF Cash** – Cash balance increased from \$1,096.3 million in September 2021 to \$1,422.5 million in September 2022. An increase of \$326.1M million or 29.7%. This increase in cash was primarily due to decreased expenditures during SFY 2022 due to labor and material shortages.
- **HF Revenues & Expenses** – Revenues decreased from \$244.0 million in September 2021 to \$230.4 million in September 2022. A decrease of \$13.7 million or -5.6%. This decrease was due to a \$27.9 million decrease in motor fuel tax revenues, a \$1.2 million decrease in license & fee revenues, slightly offset by a \$9.3 million increase in highway use tax revenues in September 2022 compared to September 2021. Expenses (current accounts) increased by \$30.3 million, or 405.2% in September 2022 compared to September 2021.
- **HF YTD** – September 2022 YTD revenues exceeded September 2021 YTD revenues by \$21.2 million, and September 2022 YTD expenses (current accounts) were less than September 2021 YTD by \$24.4 million.
- **HTF Cash** – Cash balance increased from \$996.0 million in September 2021 to \$1,015.7 million in September 2022. An increase of \$19.7 million or 2.0%. This increase in cash was primarily due to decreased expenditures during SFY 2022 due to labor and material shortages.
- **HTF Revenues & Expenses** – Revenues increased from \$144.0 million in September 2021 to \$167.6 million in September 2022. An increase of \$23.6 million or 16.4% . This increase was due to a \$20.2 million increase in motor fuel tax revenue, a \$3.1 million increase in highway use tax revenues, slightly offset by a \$0.5 million decrease in fees revenue in September 2022 compared to September 2021. Expenses (current accounts) increased by \$11.9 million or 480.0% in September 2022 compared to September 2021.
- **HTF YTD** – September 2022 YTD revenues exceeded September 2021 YTD revenues by \$46.4 million, and September 2022 YTD expenses (current accounts) exceeded September 2021 YTD expenses (current accounts) by \$0.8 million.

## Key monthly action:

On September 28, DOT repaid \$30M of the Highway Trust Fund loan to the Highway Fund. This fully repaid the loan made on January 4, 2019 for \$20M and partially repaid the loan made on January 9, 2019 for \$80M. The outstanding balance of the loans after this payment will be \$85,300,000.



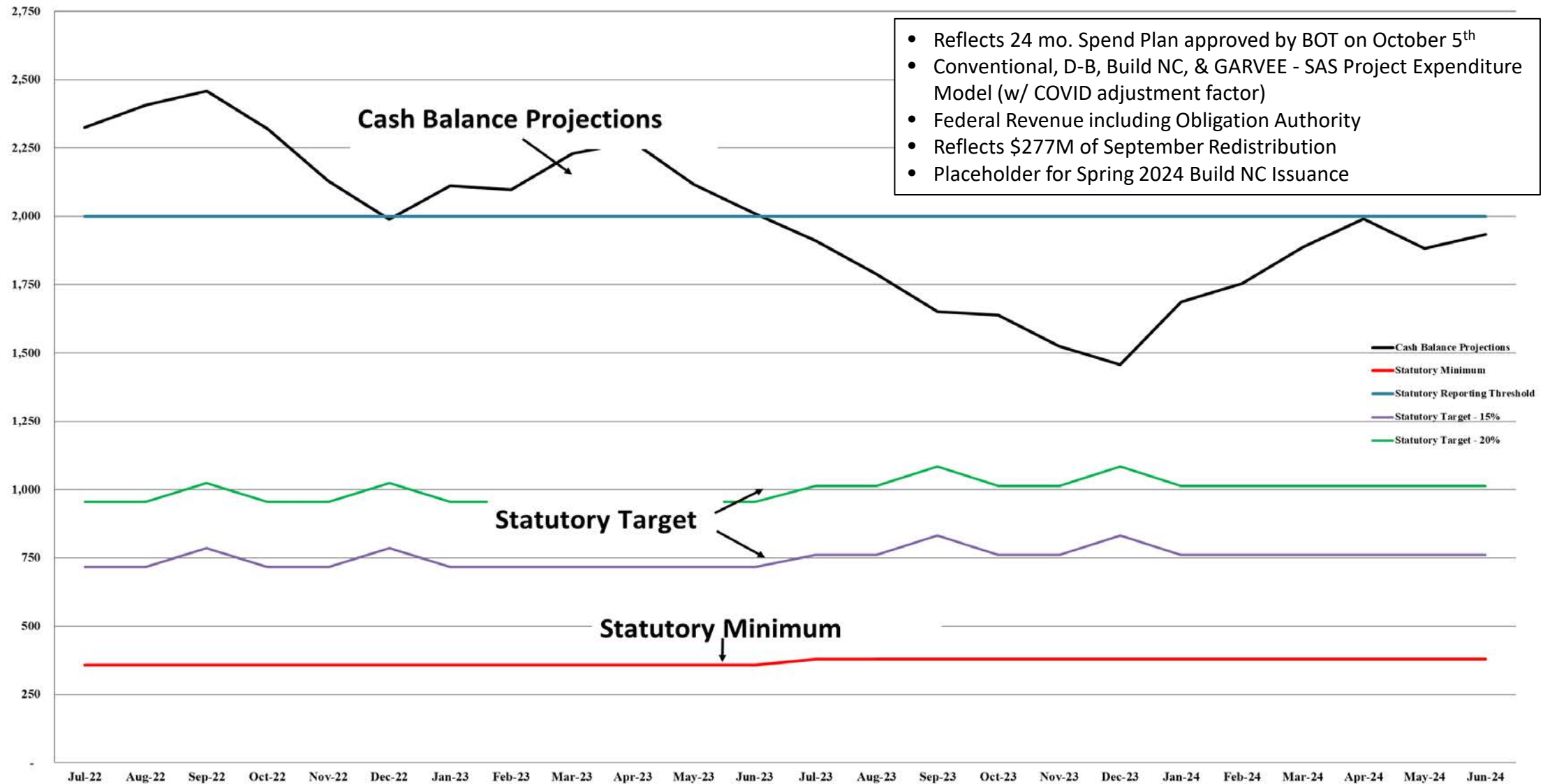
Financial Update

SFYTD 2023 as compared SFYTD 2022 (\$ in millions)

	Month over Month		Year to Date	
	September 2022	September 2021	YTD 2023	YTD 2022
HF, TF, and Ferry Capital				
Collections	\$719M	\$581M	\$1,710M	\$1,610M
Expenditures	\$717M	\$528M	\$1,850M	\$1,453M
Net Change	\$2M	\$53M	-\$140M	\$157M
Cash Balances:			September 2022	September 2021
Highway Fund *			\$1,422M	\$1,096M
Highway Trust Fund			\$1,016M	\$996M
Ferry Capital Fund			\$21M	
Totals			\$2,459M	\$2,092M

\*Excludes bond proceeds held by Trustee

# 24 Month Cash Forecast – SFY 23 / SFY 24 Spend Plan

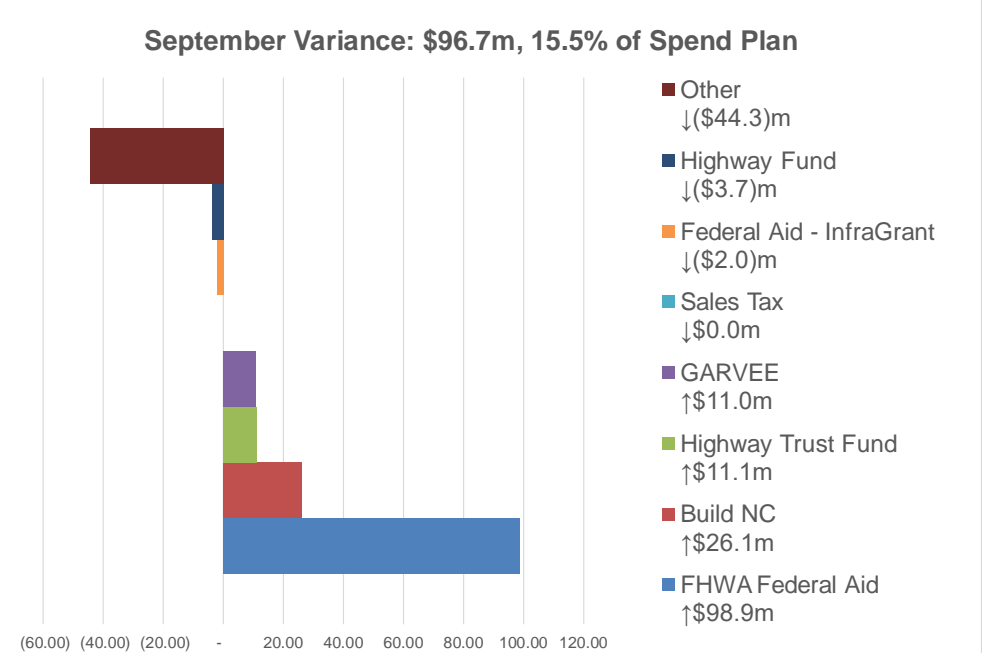


# Actual Revenues and Expenditures Compared to Spend Plan

Actuals		Variance - Fiscal Year to Date			Track Against Full Year Spend Plan		
Description	Actuals As of 09/30	Fiscal YTD Spend Plan	\$ Variance, FYTD	% Variance, FYTD	Full Year Spend Plan	% of SFY 2023 Spend Plan	
State revenues	1,140.52	1,133.18	7.33	1%	4,580.60	25%	<div></div>
Federal aid	418.97	320.09	98.87	31%	1,587.97	26%	<div></div>
Federal aid - USDOT Discretionary Grants	4.37	6.35	(1.98)	-31%	23.98	18%	<div></div>
Turnpike Federal Aid	(0.30)	(0.03)	(0.28)	1036%	(0.03)	1136%	<div></div>
Sales Tax	-	-	-	na	193.10	0%	<div></div>
Other	27.22	71.54	(44.31)	-62%	444.27	6%	<div></div>
Garvee	32.98	21.98	11.00	50%	150.06	22%	<div></div>
BuildNC	86.59	60.50	26.09	43%	304.68	28%	<div></div>
<b>Total Revenues &amp; Other Receipts</b>	<b>1,710.35</b>	<b>1,613.62</b>	<b>96.73</b>	<b>6%</b>	<b>7,284.63</b>	<b>23%</b>	<div></div>
Garvee Expenditures	73.47	122.56	(49.09)	-40%	554.29	13%	<div></div>
Garvee Debt Service	25.00	25.04	(0.03)	0%	154.34	16%	<div></div>
Division of Mitigation Services (Formerly EEP)	0.03	0.03	0.01	20%	23.13	0%	<div></div>
BUILDNC Expenditures	148.56	150.11	(1.55)	-1%	581.69	26%	<div></div>
BUILDNC Debt Service	-	-	-	na	121.44	0%	<div></div>
STIP Construction - SAS	404.64	386.73	17.91	5%	1,201.88	34%	<div></div>
NC Mobility Fund	0.00	(0.00)	0.00	-279%	(0.00)	-179%	<div></div>
STIP Preconstruction & Holdouts	203.37	264.34	(60.97)	-23%	1,286.82	16%	<div></div>
TIP - USDOT Discretionary Grants	73.19	68.77	4.43	6%	220.03	33%	<div></div>
Turnpike Authority	1.60	1.16	0.44	38%	2.25	71%	<div></div>
Internal Orders	(0.35)	(5.85)	5.50	-94%	3.15	-11%	<div></div>
Congestion Mitigation & Air Quality (CMAQ)	9.41	8.44	0.97	12%	30.94	30%	<div></div>
<b>Total Construction</b>	<b>938.92</b>	<b>1,021.31</b>	<b>(82.38)</b>	<b>-8%</b>	<b>4,179.94</b>	<b>22%</b>	<div></div>
Other Construction - Secondary Roads	3.57	4.94	(1.36)	-28%	20.43	17%	<div></div>
Other Construction - Spot Safety Improvements	2.72	4.02	(1.30)	-32%	13.53	20%	<div></div>
Other Construction - Contingency	4.78	6.19	(1.41)	-23%	10.02	48%	<div></div>
Other Construction - Mobility/Modernization	139.35	170.29	(30.94)	-18%	447.19	31%	<div></div>
General Maintenance Reserve	121.17	127.67	(6.50)	-5%	595.25	20%	<div></div>
Contract Resurfacing	215.40	235.47	(20.07)	-9%	604.04	36%	<div></div>
Roadside Environmental	38.26	31.57	6.70	21%	112.34	34%	<div></div>
Pavement Preservation	33.44	39.29	(5.85)	-15%	107.01	31%	<div></div>
Bridge Program	67.26	82.19	(14.94)	-18%	330.49	20%	<div></div>
Bridge Preservation	25.03	22.59	2.44	11%	98.37	25%	<div></div>
Emergency GMR	4.00	2.30	1.70	74%	93.73	4%	<div></div>
Disaster Funding - FEMA	5.36	9.70	(4.34)	-45%	66.90	8%	<div></div>
<b>Total Maintenance</b>	<b>660.33</b>	<b>736.21</b>	<b>(75.87)</b>	<b>-10%</b>	<b>2,499.28</b>	<b>26%</b>	<div></div>
Integrated Mobility Division	17.89	19.07	(1.18)	-6%	125.00	14%	<div></div>
Ferry Capital	1.88	2.58	(0.70)	-27%	8.63	22%	<div></div>
Ferry Division	14.94	14.50	0.45	3%	58.45	26%	<div></div>
Rail Division	7.99	9.05	(1.06)	-12%	121.59	7%	<div></div>
Aviation Division	23.82	22.30	1.52	7%	218.29	11%	<div></div>
<b>Total Other Modes</b>	<b>66.52</b>	<b>67.49</b>	<b>(0.97)</b>	<b>-1%</b>	<b>531.96</b>	<b>13%</b>	<div></div>
Administration	71.82	74.92	(3.10)	-4%	378.45	19%	<div></div>
Transfers to Other State Agencies	16.14	16.86	(0.71)	-4%	67.39	24%	<div></div>
Transfers to General Fund/NCTA - GAP Funds	12.25	12.25	-	0%	49.00	25%	<div></div>
State aid to municipalities	77.41	77.44	(0.03)	0%	154.88	50%	<div></div>
Debt Service	-	-	-	na	-	na	<div></div>
Other Programs	6.52	5.74	0.78	14%	21.23	31%	<div></div>
<b>Total Other Expenditures</b>	<b>184.15</b>	<b>187.21</b>	<b>(3.06)</b>	<b>-2%</b>	<b>670.95</b>	<b>27%</b>	<div></div>
<b>Total Expenditures</b>	<b>1,849.93</b>	<b>2,012.21</b>	<b>(162.28)</b>	<b>-8%</b>	<b>7,882.13</b>	<b>23%</b>	<div></div>

# Revenue Summary and Variances – Monthly (\$M)

## Variance to Spend Plan - Month of Sep

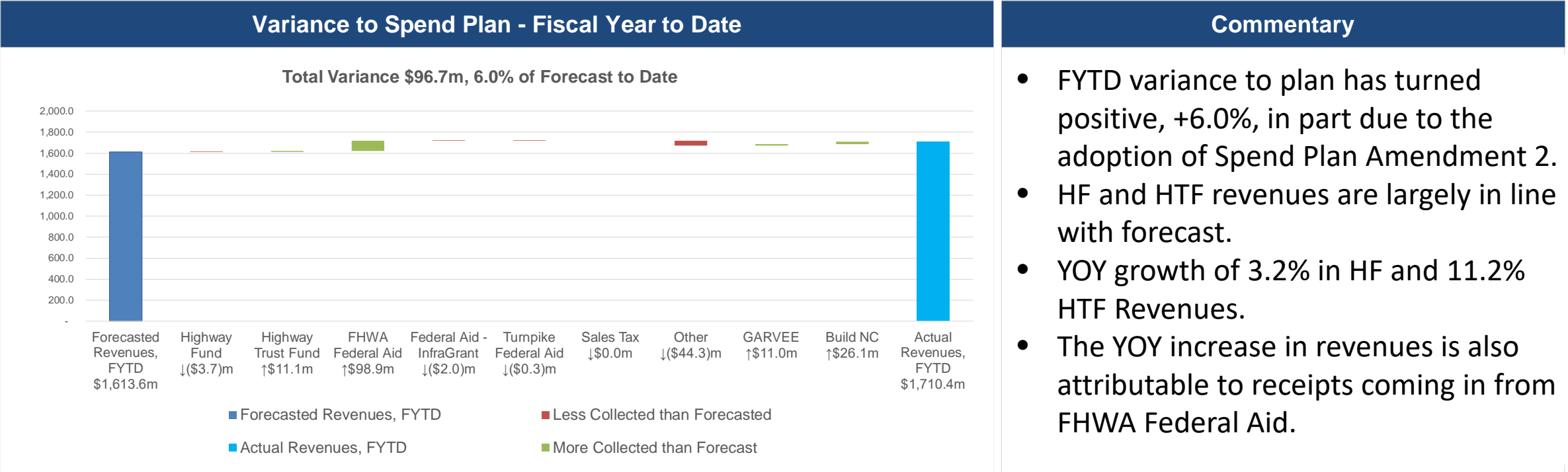


## Commentary

- Overall positive monthly variance to spend plan: 15.5% (\$96.7M); largely due to FHWA and Build NC.
- September 2022 revenue receipts exceeded September 2021 by 23.9% (\$138.6M).
- FHWA-Federal Aid monthly variance 72.9% (\$98.9M) exceeded monthly target.
- Build NC monthly variance 105.9% (\$26.1M) exceeded plan; revenues increased as we push to fully bill out all the Series 2020B Bonds.
- Other revenue’s negative monthly variance 73.8% (-\$44.3M) was due to State Capital and Infrastructure Funds (SCIF) revenue coming in lower than projected.

Actuals		Variance to Spend Plan - Monthly				Variance to Prior Year- Monthly			
Description	Actuals For Month Ending 09/30	Spend Plan	\$ Variance, Monthly	% Variance, Monthly		Prior Year	\$ Variance, Monthly	% Variance, Monthly	
Highway Fund	230.36	234.08	(3.72)	-2%		243.99	(13.63)	-6%	
Highway Trust Fund	167.57	156.52	11.06	7%		143.96	23.62	16%	
FHWA Federal Aid	234.47	135.59	98.87	73%		115.49	118.97	103%	
Federal Aid - InfraGrant	1.25	3.23	(1.98)	-61%		1.99	(0.74)	-37%	
Turnpike Federal Aid	(0.28)	-	(0.28)	na		-	(0.28)	na	
Sales Tax	-	-	-	na		-	-	na	
Other	15.74	60.05	(44.31)	-74%		18.66	(2.92)	-16%	
GARVEE	19.50	8.50	11.00	129%		21.29	(1.79)	-8%	
Build NC	50.73	24.64	26.09	106%		35.34	15.39	44%	
Total Revenues	719.34	622.61	96.73	16%		580.73	138.61	23.9%	

# Revenue Summary and Variances – Fiscal Year to Date (\$M)

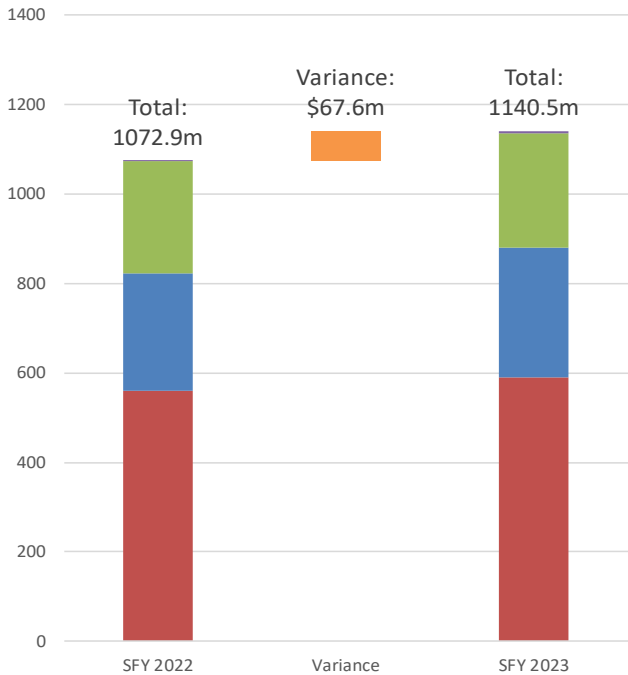


Actuals		Variance - Fiscal Year to Date				Track Against Full Year Spend Plan		Variance to Prior Year- FYTD		
Description	Actuals As of 09/30	Fiscal YTD Spend Plan	\$ Variance, FYTD	% Variance, FYTD	Full Year Spend Plan (Amendment 2)	% of SFY 2023 Spend Plan		Prior Year	\$ Variance, FYTD	% Variance
Highway Fund	679.72	683.45	(3.72)	-1%	2,749.45	25%		658.51	21.21	3%
Highway Trust Fund	460.79	449.74	11.06	2%	1,831.16	25%		414.35	46.44	11%
FHWA Federal Aid	418.97	320.09	98.87	31%	1,587.97	26%		322.17	96.79	30%
Federal Aid - InfraGrant	4.37	6.35	(1.98)	-31%	23.98	18%		6.22	(1.85)	-30%
Turnpike Federal Aid	(0.30)	(0.03)	(0.28)	1036%	(0.03)	1136%		0.08	(0.39)	-472%
Sales Tax	-	-	-	na	193.10	0%		-	-	na
Other	27.22	71.54	(44.31)	-62%	444.27	6%		47.23	(20.00)	-42%
GARVEE	32.98	21.98	11.00	50%	150.06	22%		45.55	(12.56)	-28%
Build NC	86.59	60.50	26.09	43%	304.68	28%		116.34	(29.75)	-26%
Total Revenues	1,710.35	1,613.62	96.73	6%	7,284.63	23%		1,610.45	99.90	6%

# Highway Fund & Trust Fund Details September 2022(\$M)

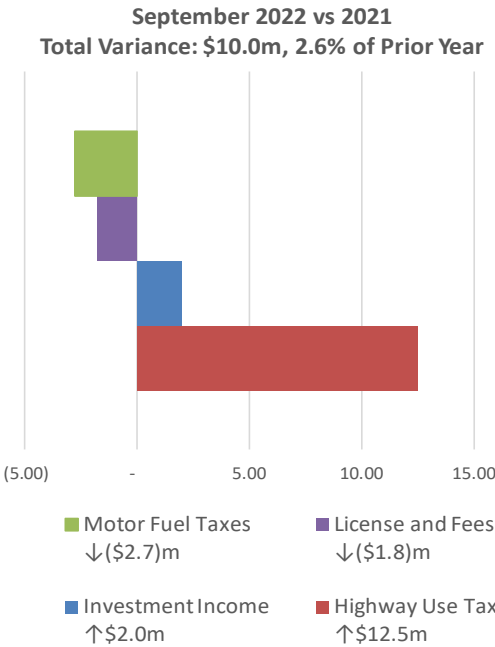
## FYTD YoY Variance

Fiscal Year Totals



Motor Fuel Taxes	Highway Use Tax
2023: \$590.6m	2023: \$290.6m
2022: \$559.6m	2022: \$262.4m
License and Fees	Investment Income
2023: \$255.3m	2023: \$4.0m
2022: \$250.6m	2022: \$0.3m

## Monthly YoY Variance



## Commentary

- YTD Highway Fund and Trust Fund revenues have grown by approximately 6.3% on a combined basis as compared to September 2021.
- September YTD Motor Fuel Tax, Highway Use Tax, and License & Fees remain strong with an uptick of 5.5%, 10.7%, and 1.9% YOY, respectively.

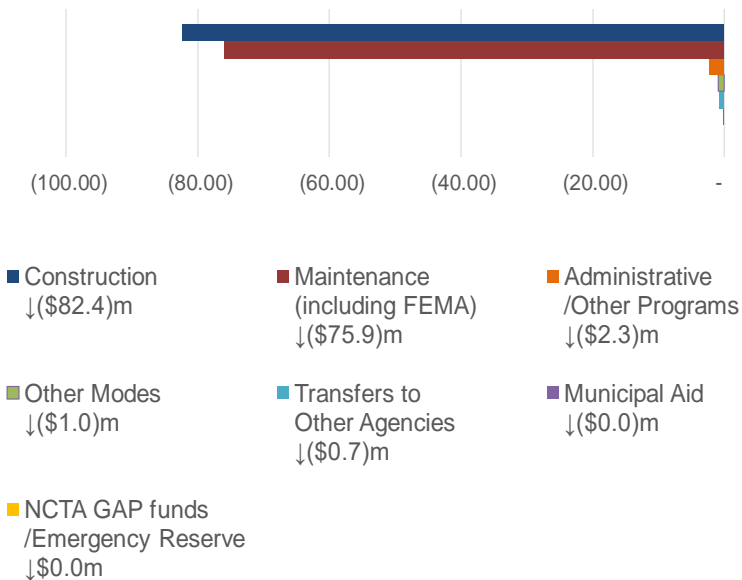
		Prior Year Comparison			
Comparison to Prior Year - Month of September			Comparison to Prior Year - Fiscal Year to Date		
Revenue	September 2022	September 2021	Current FYTD Actual Revenue (Jul '22 - Sep '22)	Previous FYTD Actual Revenue (Jul '21 - Sep '21)	FYTD YoY \$ Δ
Motor Fuel Taxes	216.1	218.9	590.6	559.6	31.0
Highway Use Tax	101.1	88.6	290.6	262.4	28.1
License and Fees	78.5	80.2	255.3	250.6	4.7
Investment Income	2.3	0.3	4.0	0.3	3.8
<b>Total Revenue</b>	<b>\$397.9</b>	<b>\$388.0</b>	<b>\$1,140.5</b>	<b>\$1,072.9</b>	<b>\$67.6</b>
					<b>FYTD YoY % Δ</b>
					<b>6%</b>



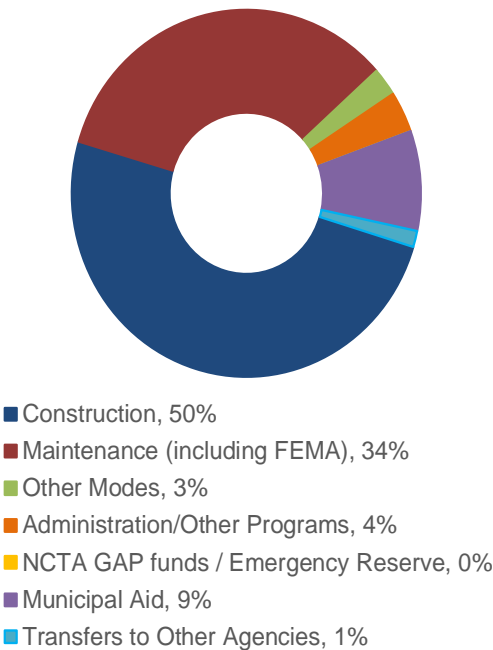
# Overall Expenditure Variances – Monthly (\$M)

## Variance to Spend Plan - Month of Sep

Sep Variance: (\$162.3)m, (18.5%) of Spend Plan



## Monthly Expenditure Makeup\*



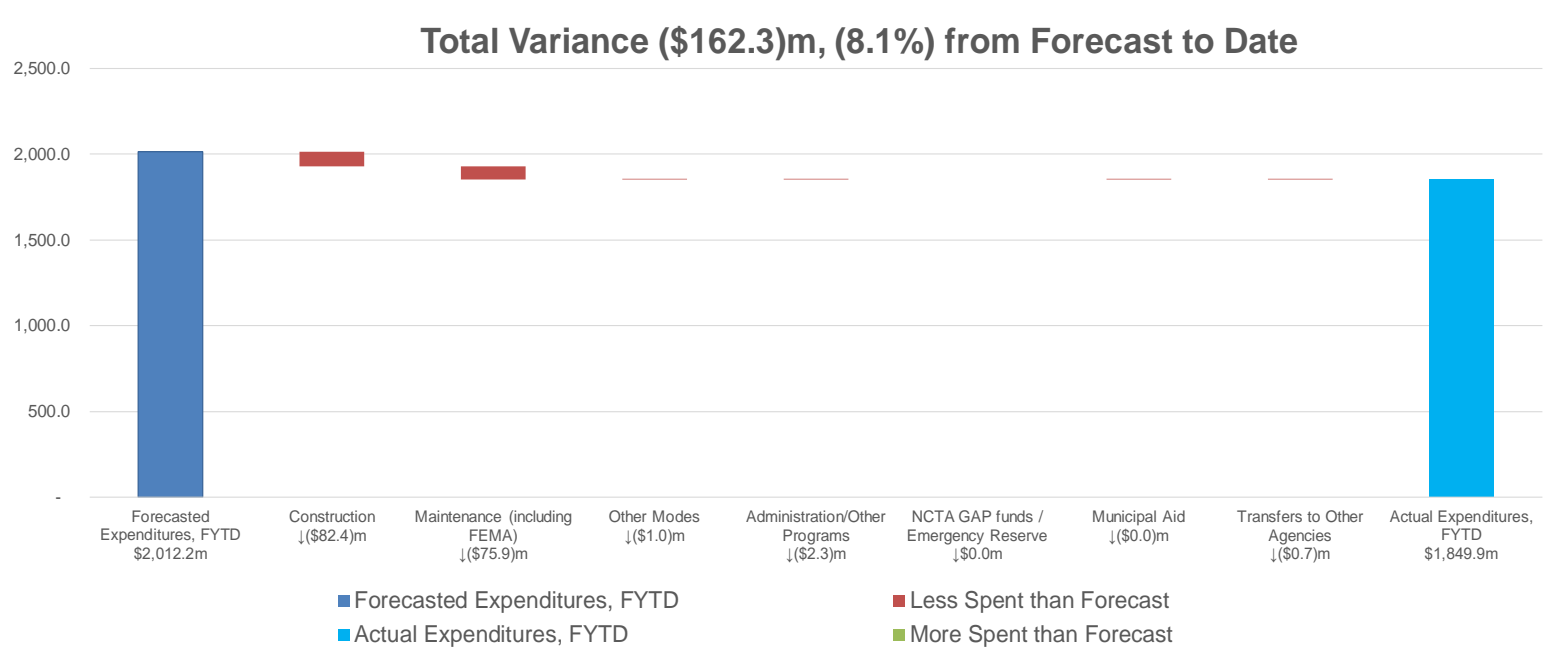
## Commentary

- Overall negative variance to spend plan in September (18.5%).
- Construction expenditure was 18.8% lower than spend plan.
- Maintenance expenditure was 25.5% below forecast this month, mainly due to Mobility Modernization, Contract Resurfacing and Bridge Program.
- YOY increase in expenditures (35.8%), largely attributable to Maintenance and Construction.

Actuals		Variance - Monthly				Variance to Prior Year- Monthly			
Description	Actuals For Month Ending 09/30	Spend Plan	\$ Variance, Monthly	% Variance, Monthly		Prior Year	\$ Variance, Monthly	% Variance, Monthly	
Construction	355.84	438.22	(82.38)	-19%		275.61	80.23	29%	
Maintenance (including FEMA)	221.56	297.43	(75.87)	-26%		138.57	82.99	60%	
Other Modes	21.09	22.05	(0.97)	-4%		16.67	4.42	27%	
Administration/Other Programs	29.46	31.78	(2.32)	-7%		25.28	4.18	17%	
NCTA GAP funds / Emergency Reserve	-	-	-	na		-	-	na	
Municipal Aid	77.41	77.44	(0.03)	0%		71.55	5.86	8%	
Transfers to Other Agencies	11.82	12.53	(0.71)	-6%		0.47	11.35	2394%	
Total Expenditures	717.18	879.46	-162.28	-18%		528.16	189.03	36%	

# Overall Expenditure Summary and Variances – Fiscal YTD (\$M)

## Variance to Spend Plan - Fiscal Year to Date



## Commentary

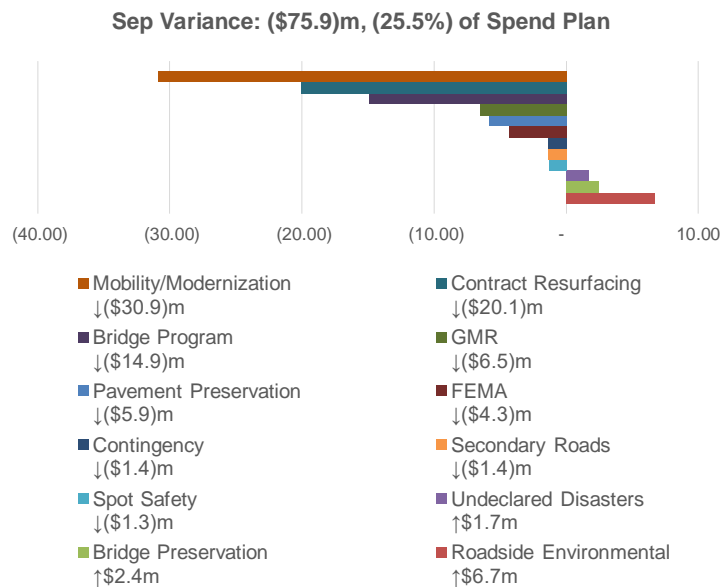
- Overall expenditures are up YOY, increasing by 27.3% from \$1,453.5M FYTD September 2021 to \$1,849.9M FYTD September 2022, although labor and material shortages are continuing to lead to expenditures falling behind forecast.

Actuals		Variance - Fiscal Year to Date			Track Against Full Year Spend Plan		Variance to Prior Year- FYTD		
Description	Actuals As of 09/30	Fiscal YTD Spend Plan	\$ Variance, FYTD	% Variance, FYTD	Full Year Spend Plan (Amendment 2)	% of SFY 2023 Spend Plan	Prior Year	\$ Variance, FYTD	% Variance
Construction	938.92	1,021.31	(82.38)	-8%	4,179.94	22%	754.78	184.14	24%
Maintenance (including FEMA)	660.33	736.21	(75.87)	-10%	2,499.28	26%	400.03	260.30	65%
Other Modes	66.52	67.49	(0.97)	-1%	531.96	13%	69.80	(3.27)	-5%
Administration/Other Programs	78.34	80.66	(2.32)	-3%	399.68	20%	70.17	8.17	12%
NCTA GAP funds / Emergency Reserve	12.25	12.25	-	0%	49.00	25%	73.25	(61.00)	-83%
Municipal Aid	77.41	77.44	(0.03)	0%	154.88	50%	71.55	5.86	8%
Transfers to Other Agencies	16.14	16.86	(0.71)	-4%	67.39	24%	13.87	2.27	16%
Total Expenditures	1,849.93	2,012.21	-162.28	-8%	7,882.13	23%	1,453.46	396.47	27.3%



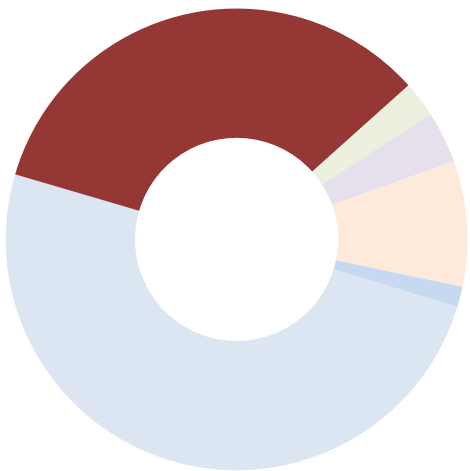
# Maintenance Expenditure Variances – Monthly (\$M)

## Variance to Spend Plan - Month of Sep



## Monthly Expenditure

Maintenance is 33.8% of September Spend Plan

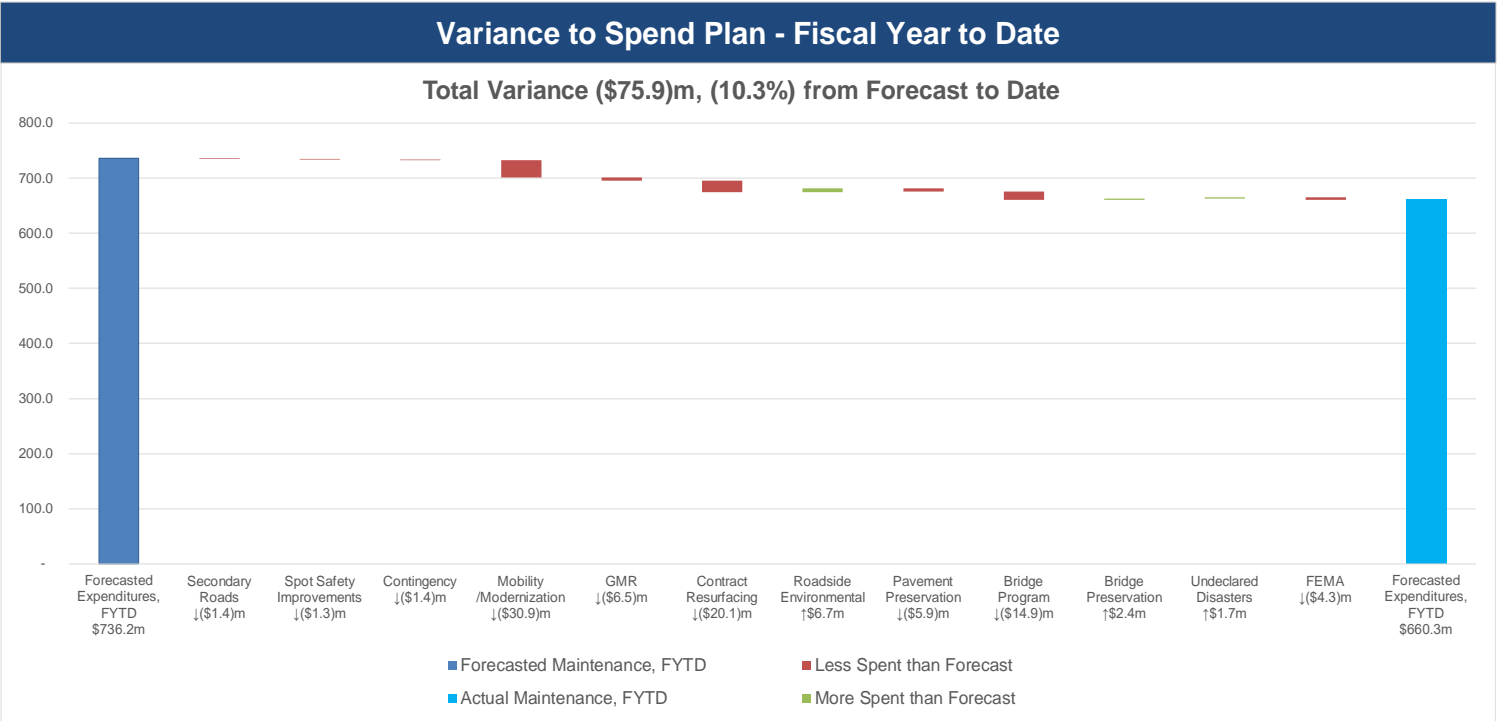


## Commentary

- Maintenance expenditures had an overall negative variance to spend plan (25.5%).
- Negative variance largely due to Mobility Modernization (-30.9M), Contract Resurfacing (-\$20.1M) and Bridge Program (-\$14.9M).
- Mobility Modernization variance is partly due to under spending in the Economic Development Fund (\$21.3M).

Actuals		Variance - Monthly				Variance to Prior Year- Monthly			
Description	Actuals For Month Ending 09/30	Spend Plan	\$ Variance, Monthly	% Variance, Monthly		Prior Year	\$ Variance, Monthly	% Variance, Monthly	
Secondary Roads	1.79	3.16	(1.36)	-43%		1.14	0.66	58%	
Spot Safety Improve.	1.20	2.50	(1.30)	-52%		1.25	(0.05)	-4%	
Contingency	0.39	1.80	(1.41)	-78%		0.91	(0.52)	-57%	
Mobility/Modernization	39.07	70.01	(30.94)	-44%		1.36	37.70	2764%	
GMR	42.72	49.23	(6.50)	-13%		30.39	12.33	41%	
Contract Resurfacing	71.27	91.34	(20.07)	-22%		55.34	15.94	29%	
Roadside Environmental	15.06	8.36	6.70	80%		11.89	3.17	27%	
Pavement Preservation	15.02	20.87	(5.85)	-28%		7.86	7.16	91%	
Bridge Program	21.77	36.71	(14.94)	-41%		14.48	7.30	50%	
Bridge Preservation	8.35	5.91	2.44	41%		5.36	2.99	56%	
Undeclared Disasters	2.97	1.28	1.70	133%		0.26	2.71	1049%	
FEMA	1.93	6.27	(4.34)	-69%		8.33	(6.40)	-77%	
Total Maintenance	221.56	297.43	-75.87	-26%		138.57	82.99	60%	

# Maintenance Expenditure Summary and Variances – FYTD (\$M)

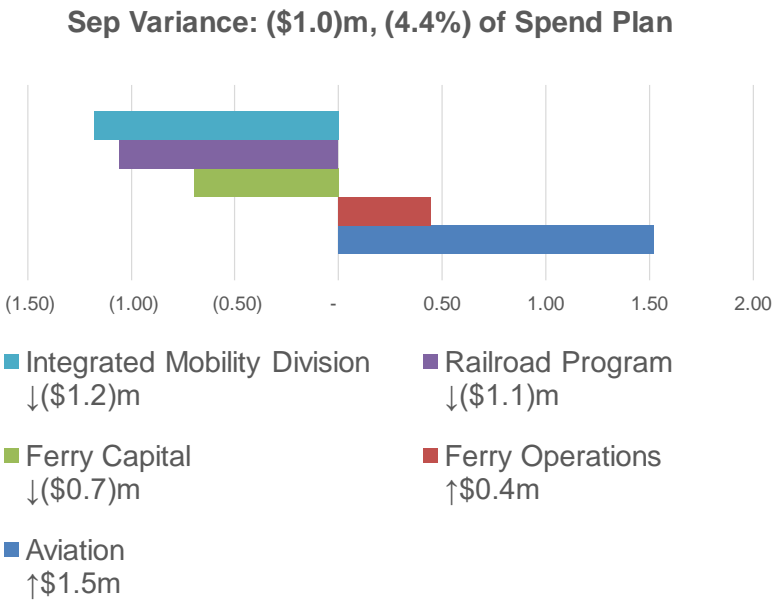


- Commentary**
- Maintenance expenditures are up significantly YOY, increasing by 65.1% from \$400.0M FYTD September 2021 to \$660.3M FYTD September 2022.
  - Spend levels in all maintenance categories are higher than the prior year except Spot Safety Improvement.

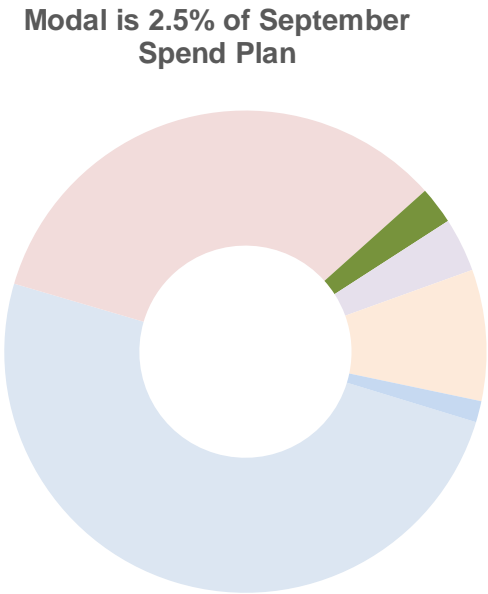
Actuals		Variance - Fiscal Year to Date			Track Against Full Year Spend Plan		Variance to Prior Year- FYTD		
Description	Actuals As of 09/30	Fiscal YTD Spend Plan	\$ Variance, FYTD	% Variance, FYTD	Full Year Spend Plan (Amendment 2)	% of SFY 2023 Spend Plan	Prior Year	\$ Variance, FYTD	% Variance
Secondary Roads	3.57	4.94	(1.36)	-28%	20.43	17%	2.96	0.62	100%
Spot Safety Improve.	2.72	4.02	(1.30)	-32%	13.53	20%	3.27	(0.56)	-17%
Contingency	4.78	6.19	(1.41)	-23%	10.02	48%	1.64	3.14	191%
Mobility/Modernization	139.35	170.29	(30.94)	-18%	447.19	31%	6.70	132.65	1980%
GMR	121.17	127.67	(6.50)	-5%	595.25	20%	94.52	26.65	28%
Contract Resurfacing	215.40	235.47	(20.07)	-9%	604.04	36%	169.36	46.04	27%
Roadside Environmental	38.26	31.57	6.70	21%	112.34	34%	26.82	11.44	43%
Pavement Preservation	33.44	39.29	(5.85)	-15%	107.01	31%	23.37	10.07	43%
Bridge Program	67.26	82.19	(14.94)	-18%	330.49	20%	37.74	29.51	78%
Bridge Preservation	25.03	22.59	2.44	11%	98.37	25%	14.45	10.58	73%
Undeclared Disasters	4.00	2.30	1.70	74%	93.73	4%	2.50	1.49	60%
FEMA	5.36	9.70	(4.34)	-45%	66.90	8%	16.70	(11.34)	-68%
Total Maintenance	660.33	736.21	-75.87	-10%	2,499.28	26%	400.03	260.30	65%

# Modal Expenditure Variances – Monthly (\$M)

## Variance to Spend Plan - Month of Sep



## Monthly Expenditure Makeup



## Commentary

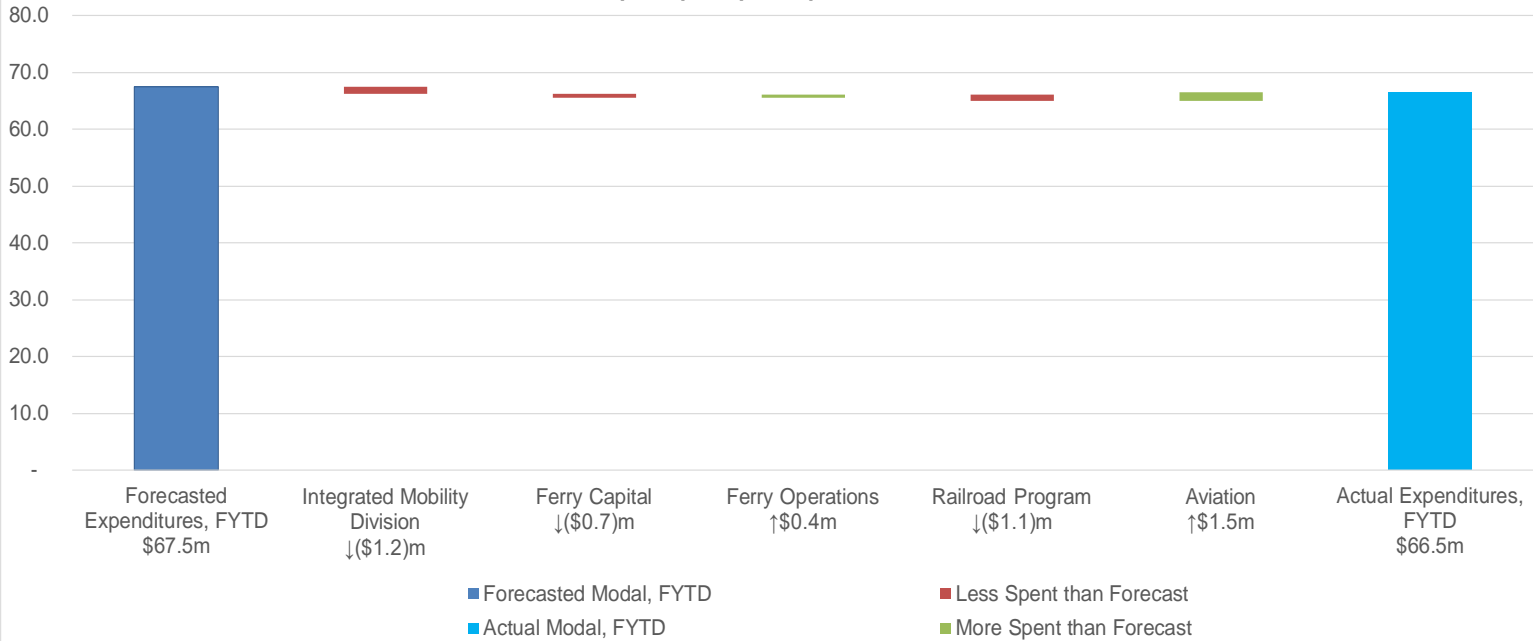
- Overall negative Modal variance to spend plan in September (4.4%).

Actuals		Variance - Monthly			Variance to Prior Year- Monthly			
Description	Actuals For Month Ending 09/30	Spend Plan	\$ Variance, Monthly	% Variance, Monthly	Prior Year	\$ Variance, Monthly	% Variance, Monthly	
Integrated Mobility Division	6.07	7.24	(1.18)	-16%	3.35	2.71	81%	
Ferry Capital	(0.37)	0.33	(0.70)	-213%	-	(0.37)	na	
Ferry Operations	5.74	5.30	0.45	8%	4.63	1.12	24%	
Railroad Program	2.62	3.68	(1.06)	-29%	2.50	0.12	5%	
Aviation	7.03	5.51	1.52	28%	6.19	0.84	14%	
Total Modal	21.09	22.05	-0.97	-4%	16.67	4.42	27%	

# Modal Expenditure Summary and Variances – FYTD (\$M)

## Variance to Spend Plan - Fiscal Year to Date

Total Variance (\$1.0)m, (1.4%) from Forecast to Date

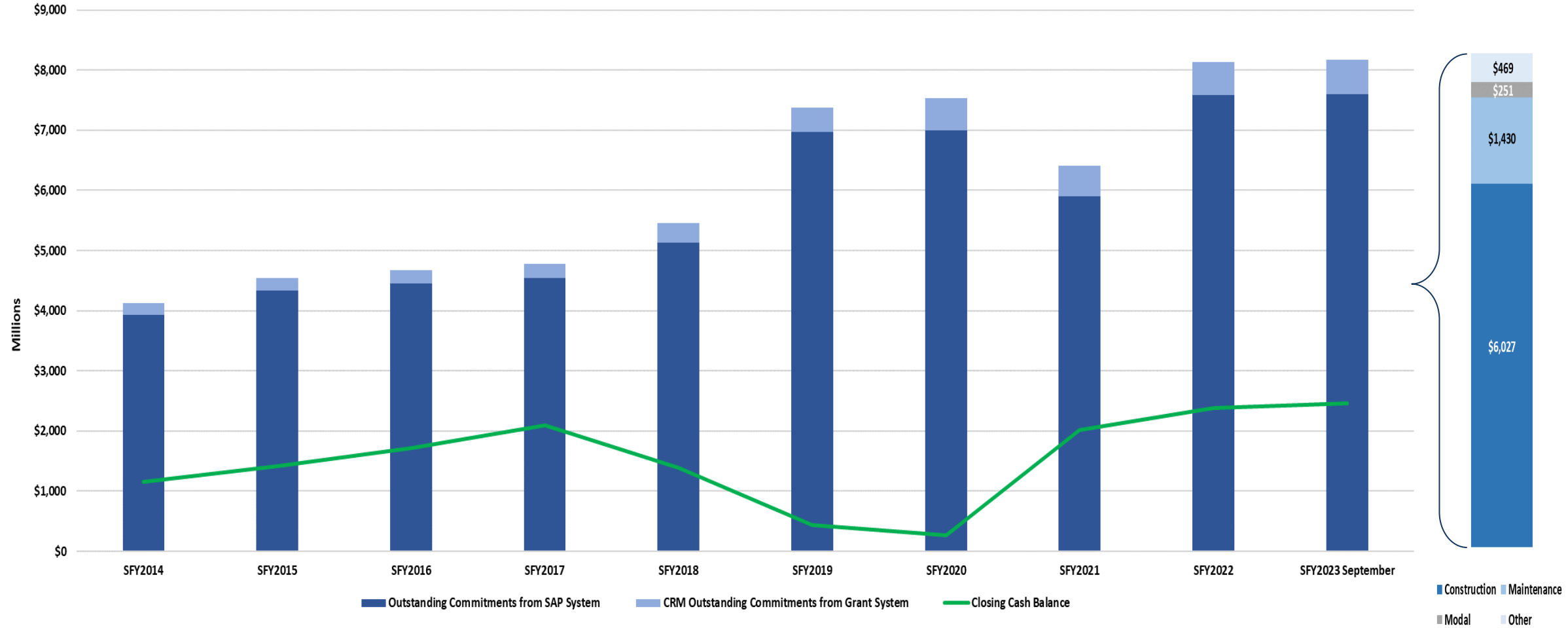


## Commentary

- FYTD September 2022 spend levels are lower than FYTD September 2021 spend levels by \$3.3M or 4.7%.

Actuals		Variance - Fiscal Year to Date				Track Against Full Year Spend Plan		Variance to Prior Year- FYTD		
Description	Actuals As of 09/30	Fiscal YTD Spend Plan	\$ Variance, FYTD	% Variance, FYTD	Full Year Spend Plan (Amendment 2)	% of SFY 2023 Spend Plan		Prior Year	\$ Variance, FYTD	% Variance
Integrated Mobility Division	17.89	19.07	(1.18)	-6%	125.00	14%		38.19	(20.30)	100%
Ferry Capital	1.88	2.58	(0.70)	-27%	8.63	22%		-	1.88	na
Ferry Operations	14.94	14.50	0.45	3%	58.45	26%		12.96	1.99	15%
Railroad Program	7.99	9.05	(1.06)	-12%	121.59	7%		7.33	0.66	9%
Aviation	23.82	22.30	1.52	7%	218.29	11%		11.33	12.50	110%
Total Modal	66.52	67.49	-0.97	-1%	531.96	13%		69.80	-3.27	-5%

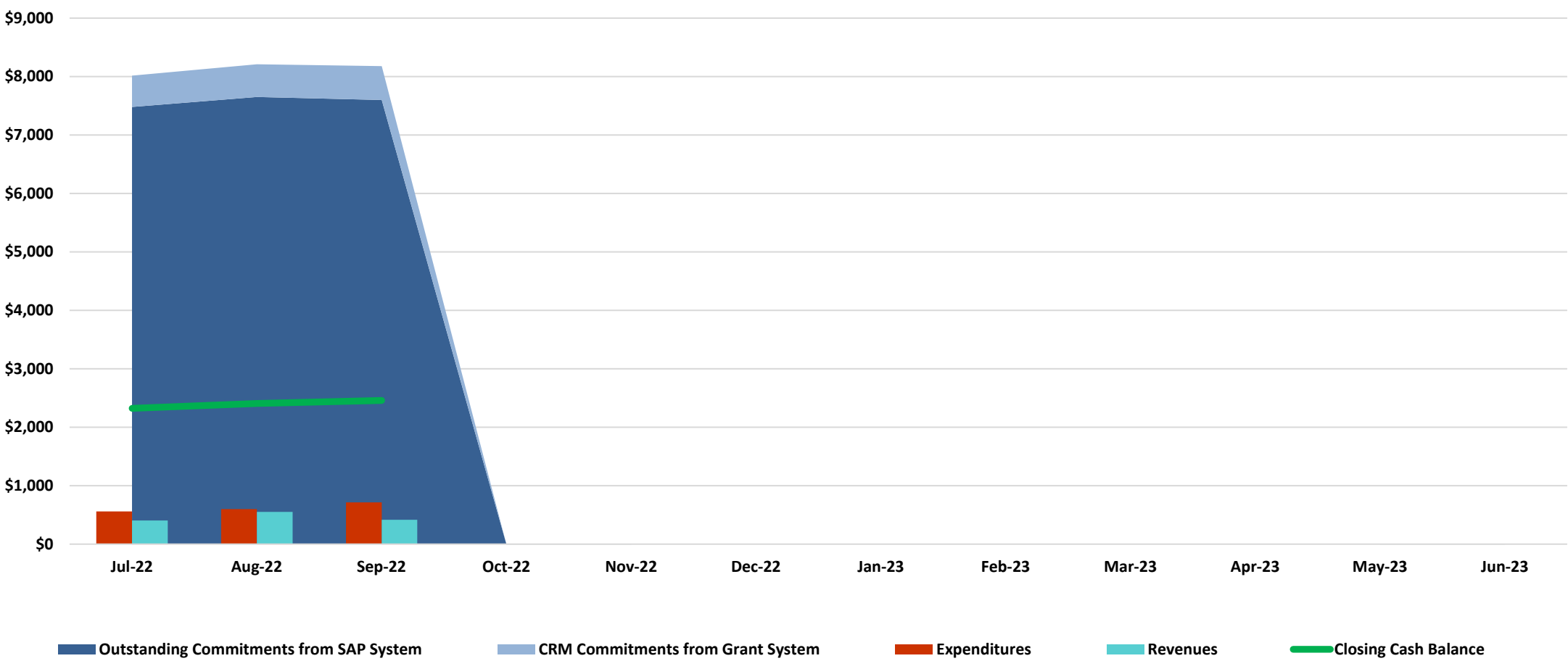
# NCDOT Outstanding Commitments & Closing Cash Balances by State Fiscal Year



## Percentage of Outstanding Commitments by Year

SFY 2014-17	SFY 2018	SFY 2019	SFY 2020	SFY 2021	SFY 2022	SFY 2023
4.04%	3.50%	12.09%	15.77%	6.57%	43.99%	14.04%

# NCDOT Outstanding Commitments & Closing Cash Balances by Month



# Cash Reporting

## Joint Legislative Transportation Oversight Committee

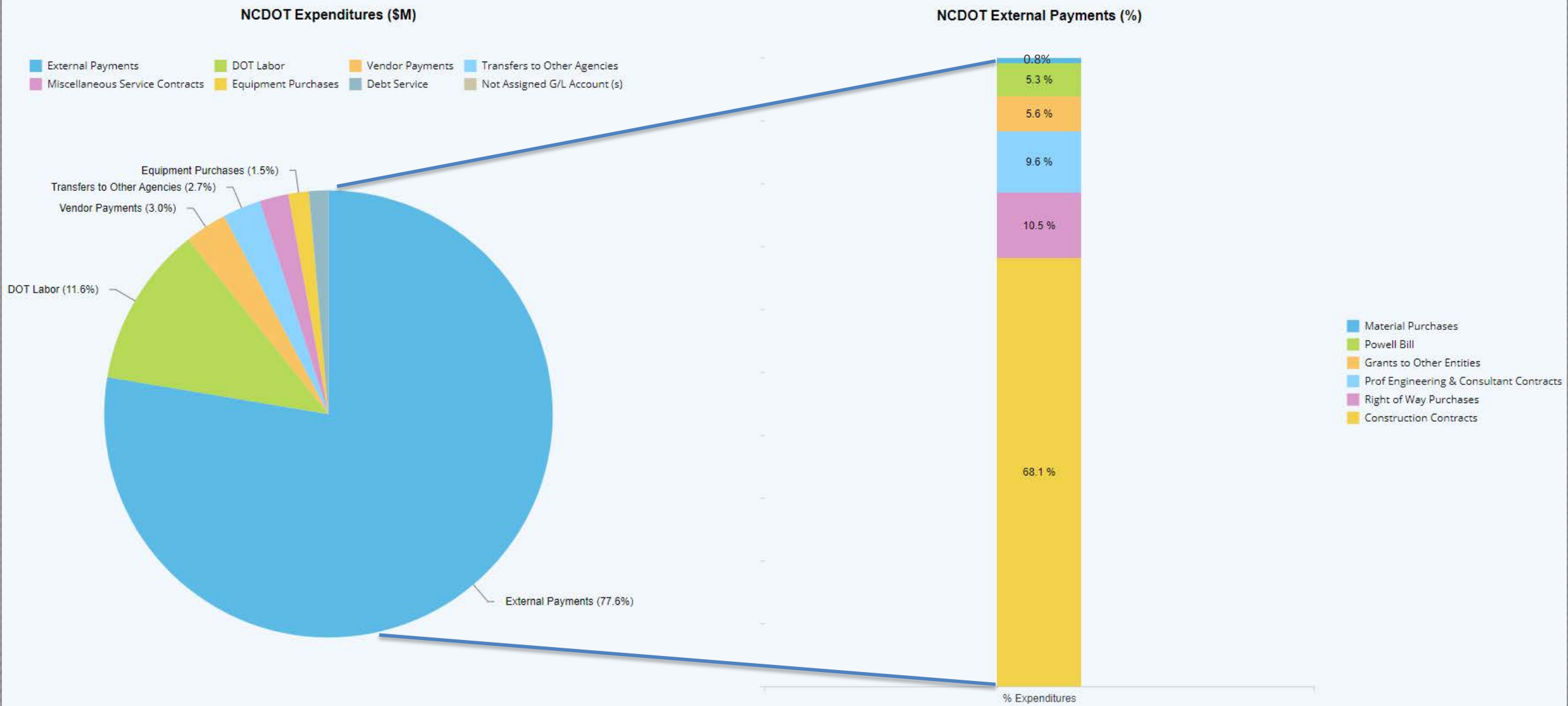
### September 2022 – Reporting Required

- N.C.G.S 143C-6-11(m) 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 2022, the **combined average daily cash balance** of the Highway Fund and the Highway Trust Fund was \$2.35 billion.
- The cash target amounts representing 15% and 20% of the total appropriations for the current fiscal year are \$786 million and \$1,024 million, respectively.
- The closing cash balance for September was \$2.46 billion which is above the target range and above the minimum cash balance requirement of \$358 million under N.C.G.S. 143C-6-11.



# NCDOT Expenditures

## SFY2023 as of September 30, 2022





Highway Fund Programs

2022-23

Highway Fund Programs		Carry Forward Authority											APPROVED 10/5/22								
2022-23	G.S. 136-44.2 (f1) (f-4)		G.S. 136-16.10		Unexpended Allotments		Unallotted Appropriations		=+F+G+H+I												
	SL 2022-74 Budget	SL 2021-180 Section 3.2	Credit Balance Legislation	FY22 Overdrafts Accounted By FY23 Approp Authority	State	Other	State	Other	Carry Forward Authority	FY23 Cashflow Payback	FY24 Cashflow	Net FY23 Appropriations	Federal Carry Forward	State Spend Plan	Federal Spend Plan	Total Spend Plan	State & Other Total Spent thru 9/30/22	Federal Total Spent thru 9/30/22	Total Spent thru 9/30/22	Difference \$	Diff. %
DOT-General Administration	\$ 117,732,373			-	-				-			117,732,373	-	\$ 116,982,373		\$ 'Includes Federal \$	20,071,043.02		20,071,043.02	\$ (96,911,330)	-83%
Highway Division Administration	37,278,745			-					-			37,278,745	-	38,028,745		38,028,745	7,917,310.75		7,917,310.75	(30,111,434)	-79%
Total Admin	\$ 155,011,118	\$ -										\$ 155,011,118	\$ -	\$ 155,011,118	\$ -	\$ 155,011,118	27,988,353.77	-	27,988,353.77	\$ - (127,022,764)	-82%
Construction Program																					
Primary Construction-Cost Escalations	135,000,000			-	-	-	-	-	-			135,000,000		135,000,000		135,000,000	-		-	(135,000,000)	-100%
State Secondary System	12,000,000		(22,610)	(152,521)	53,913,107	712,441	3,336,346		57,961,893			69,786,762	-	20,434,169		20,434,169	3,574,731.96		3,574,731.96 (a)	(16,859,437)	-83%
Spot Safety Improvements	12,100,000		-	(1,580,063)	35,169,141				35,169,141			45,689,078	-	13,532,557		13,532,557	2,715,033.29		2,715,033.29	(10,817,524)	-80%
Contingency Funds	12,000,000		(39,907)	(516,837)	39,519,245	1,054,060	67,960,250		108,533,555			119,976,811	-	10,015,306		10,015,306	4,784,527.14		4,784,527.14	(5,230,779)	-52%
Mobility Modernization	41,443,078		(485,348)	(52,529,947)	34,552,279	121,543,398	485,349		156,581,026			145,008,808	-	447,185,755		447,185,755	139,350,558.77		139,350,558.77 (j)	(307,835,196)	-69%
Total Construction Program	\$ 212,543,078	\$ -	(547,865)	(54,779,368)	163,153,772	123,309,899	71,781,945		358,245,615	-	-	380,461,460	-	\$ 626,167,787	\$ -	\$ 626,167,787	150,424,851.16	-	150,424,851.16	\$ (475,742,936)	-76%
Maintenance Program																					
General Maintenance Reserve	615,657,817		-	(3,199,190)	145,826,451	29,248,306	22,765,975	11,714,119	209,554,851	(181,989,911)	121,326,607	761,350,174	-	755,879,059		755,879,059	130,519,794.64		130,519,794.64	(625,359,264)	-83%
Contract Resurfacing	570,599,527		(12,278)	(5,900,551)	683,615,639	1,332,482	4,237,890		689,186,011	(399,593,670)	376,588,816	1,230,867,855	-	604,036,876		604,036,876	215,399,995.13		215,399,995.13	(388,636,881)	-64%
Bridge Program	275,167,830		(598,997)	(1,176,744)	493,650,859	2,889,883	16,553,607		513,094,350	(27,396,483)		759,089,956	-	330,490,315		330,490,315	67,255,819.09		67,255,819.09	(263,234,496)	-80%
Bridge Preservation	69,899,551		-	-	36,278,884	(3,406)	4,951,433		41,226,910	-		111,126,461	-	98,365,000		98,365,000	25,033,392.70		25,033,392.70	(73,331,607)	-75%
Roadside Environmental	117,177,694		-	(1,571,236)	11,267,312		945,186		12,212,497	(13,813,029)		114,005,926	-	112,337,219		112,337,219	38,262,551.33		38,262,551.33	(74,074,668)	-66%
Pavement Preservation	85,358,348		-	(8,341,276)	113,760,197		10,390,554		124,150,751	(47,764,540)	44,405,272	197,808,555	-	107,007,265		107,007,265	33,436,783.48		33,436,783.48	(73,570,482)	-69%
Total Maintenance Program	\$ 1,733,860,767	\$ -	(611,275)	(20,188,997)	1,484,399,343	33,467,264	59,844,645	11,714,119	1,589,425,371	(670,557,633)	542,320,695	3,174,248,928	-	\$ 2,008,115,734	\$ -	\$ 2,008,115,734	509,908,336.37	-	509,908,336.37	\$ (1,498,207,398)	-75%

Highway Fund Programs

Carry Forward Authority

2022-23

G.S. 136-44.2  
(f1)(1-4)

G.S. 136-16.10

Unexpended Allotments

Unallotted Appropriations

=+F+G+H+I

APPROVED 10/5/22

			Credit	FY22 Overdrafts					Carry			Federal				State & Other	Federal					
	SL 2022-74	SL 2021-180	Balance	Accounted By FY23					Forward	FY23 Cashflow	FY24	Net FY23	Carry	State	Federal	Total	Total Spent	Total Spent	Total Spent	Difference	Diff.	
	Budget	Section 3.2	Legislation	Approp Authority	State	Other	State	Other	Authority	Payback	Cashflow	Appropriations	Forward	Spend Plan	Spend Plan	Spend Plan	thru 9/30/22	thru 9/30/22	thru 9/30/22	\$	%	
Ferry Operations	57,897,653	-	-	-	(70,554)	72,997	-	175,244	177,687	-	-	58,075,340	248,241	58,453,727	-	58,453,727	14,965,925.11	(23,048.40)	14,942,876.71	(b)(l)	(43,510,850)	-74%
Ferry Capital Fund	-	-	-	-	7,406,269	-	-	-	7,406,269	-	-	7,406,269	-	8,632,877	-	8,632,877	1,877,607.24	-	1,877,607.24	-	(6,755,270)	-78%
State Aid to Municipalities	154,875,000	-	-	-	486,210	-	-	-	486,210	-	-	155,361,210	-	154,875,000	-	154,875,000	77,410,381.83	-	77,410,381.83	-	(77,464,618)	-50%
State Aid to Railroads	52,140,338	-	-	(693,462)	77,170,593	53,684,062	2,258,789	-	133,113,444	-	-	184,560,321	50,968,394	56,787,477	64,800,474	121,587,951	7,940,940.47	53,337.54	7,994,278.01	(c)	(113,593,673)	-93%
Integrated Mobility Division	71,394,735	-	-	(1,481)	54,067,388	129,885,980	-	12,582,280	196,535,648	-	-	267,928,902	136,894,617	61,033,826	63,966,174	125,000,000	2,629,534.75	15,258,917.42	17,888,452.17	(107,111,548)	-86%	
Airports	209,774,818	-	(1)	-	129,308,813	27,922,949	1	22,136,950	179,368,713	-	-	389,143,530	50,129,899	197,439,019	20,847,930	218,286,949	15,651,632.32	8,169,466.22	23,821,098.54	(k)	(194,465,850)	-89%
OSHA Program	358,030	-	-	(399)	491,078	-	22,720	-	513,798	-	-	871,429	-	358,030	-	358,030	120,845.42	-	120,845.42	-	(237,185)	-66%
Governor's Highway Safety Program	305,546	-	-	-	5,601	14,483,495	153,237	29,569,691	44,212,023	-	-	44,517,569	44,052,837	305,546	13,500,000	13,805,546	93,823.41	3,300,736.01	3,394,559.42	(10,410,987)	-75%	
Division of Motor Vehicles	152,428,637	-	-	-	-	-	-	-	-	-	-	152,428,637	-	152,428,637	70,000	152,498,637	35,876,415.45	-	35,876,415.45	-	(116,622,222)	-76%
Performance Energy Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	91,234.00	-	91,234.00	-	91,234	-
Non-System Streets	-	-	-	-	-	15,207,725	-	-	15,207,725	-	-	15,207,725	-	-	-	-	1,997,857.12	-	1,997,857.12	-	1,997,857	-
MCSAP/DMV Grants	2,196,571	-	-	-	677,274	10,440,024	2,788,172	10,943,471	24,848,941	-	-	27,045,512	21,383,495	2,196,571	-	2,196,571	490,201.91	996,899.55	1,487,101.46	(709,470)	-32%	
N.C.G.S 147-86.15 Cash Management	-	-	-	-	-	-	-	-	-	-	-	-	-	(205,000,000)	-	(205,000,000)	(120,000,000.00)	-	(120,000,000.00)	-	85,000,000	-41%
Total Misc	701,371,328	-	(1)	(695,342)	269,542,672	251,697,233	5,222,919	75,407,635	601,870,459	-	-	1,302,546,444	303,677,483	487,510,710	163,184,578	650,695,288	39,146,399.03	27,756,308.34	66,902,707.37	\$	(448,364,311)	-69%
Transfers to Other State Agencies	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Emergency Reserve per SL2019-251	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Agriculture	5,977,526	-	-	-	-	-	-	-	-	-	-	5,977,526	-	5,977,526	-	5,977,526	1,538,056.00	-	1,538,056.00	-	(4,439,470)	-74%
Revenue	6,091,861	-	-	-	-	-	-	-	-	-	-	6,091,861	-	6,091,861	-	6,091,861	771,189.31	-	771,189.31	-	(5,320,672)	-87%
OSC-BEST	557,395	-	-	-	-	-	-	-	-	-	-	557,395	-	557,395	-	557,395	151,582.28	-	151,582.28	-	(405,813)	-73%
State Ethics Commission	56,816	-	-	-	-	-	-	-	-	-	-	56,816	-	56,816	-	56,816	12,357.48	-	12,357.48	-	(44,459)	-78%
OSBM-Oversight Manager	163,384	-	-	-	-	-	-	-	-	-	-	163,384	-	163,384	-	163,384	32,047.53	-	32,047.53	-	(131,336)	-80%
DHHS - Chemical Test	674,363	-	-	-	-	-	-	-	-	-	-	674,363	-	674,363	-	674,363	173,139.00	-	173,139.00	-	(501,224)	-74%
Total Transfers to Other State Agencies	\$ 13,521,345	\$ -	-	-	-	-	-	-	-	-	-	13,521,345	-	\$ 13,521,345	\$ -	\$ 13,521,345	2,678,371.60	-	2,678,371.60	\$	(10,842,973)	-80%

## Highway Fund Programs

2022-23

**Carry Forward Authority**

G.S. 136-44.2  
(f1) (1-4)

**G.S. 136-16.10**

### Unexpended Allotments

### Unallotted Appropriations

$$= +F + G + H + I$$

**APPROVED 10/5/22**

	2022-23 Budget								Federal Carry Forward	2022-23 Budget			2022-23 Budget								
	SL 2022-74		Credit Balance	FY22 Overdrafts		Carry Forward		FY23 Cashflow		FY24	Net FY23	State	Federal	Total	State & Other	Federal	Total	Difference	Diff.		
	SL 2022-74 Budget	SL 2021-180 Section 3.2	Legislation	Accounted By FY23 Approp Authority	State	Other	State	Other		Authority	Payback	Cashflow	Appropriations	Spend Plan	Spend Plan	Spend Plan	thru 9/30/22	Total Spent thru 9/30/22	Total Spent thru 9/30/22	\$	%
Reserves																					
Minority Contractor Development	150,000				296,535		-		296,535			446,535	-	150,000		150,000		-	(150,000)	-100%	
State Fire Protection Grant	158,000								-			158,000	-	158,000		158,000	-	-	(158,000)	-100%	
Stormwater Discharge Permit	500,000				2,706,769	-	-	-	2,706,769			3,206,769	-	500,000		500,000		-	(500,000)	-100%	
Global Transpark	8,862,833								-			8,862,833	-	8,862,833		8,862,833	2,215,708.00	2,215,708.00	(6,647,125)	-75%	
Admin Reduction	(581,441)								(581,441)			(581,441)	-	(581,441)		(581,441)		-	581,441	-100%	
Salary Adjustment Fund	6,896,387								-			6,896,387	-	6,896,387		6,896,387		-	(6,896,387)	-100%	
Reserve for Call Center Consolidations	556,074								-			556,074	-	556,074		556,074		-	(556,074)	-100%	
Reserve for Legislative Increase	26,710,425								-			26,710,425	-	26,710,425		26,710,425		-	(26,710,425)	-100%	
Reserve for State Health Plan	6,062,824								-			6,062,824	-	6,062,824		6,062,824		-	(6,062,824)	-100%	
Short Term Disability	-								-			-	-	-		-		-	-		
Employer's Contribution to Retirement	8,800,548								-			8,800,548	-	8,800,548		8,800,548		-	(8,800,548)	-100%	
Total Reserves	\$ 58,115,650	\$ -	-	-	3,003,304	-	-	-	3,003,304	-	-	61,118,954	-	\$ 58,115,650	\$ -	\$ 58,115,650	2,215,708.00	-	2,215,708.00	\$ (55,899,942)	-96%
Total Current Operations	2,874,423,286	-	(1,159,141)	(75,663,707)	1,920,099,090	408,474,396	136,849,509	87,121,755	2,552,544,750	(670,557,633)	542,320,695	5,086,908,249	303,677,483	3,348,442,344	163,184,578	3,511,626,922	732,362,019.93	27,756,308.34	760,118,328.27	(2,616,080,324)	
Capital Improvements	10,409,756			(31,558)	46,342,543	-	344,809	-	46,687,351			57,065,550		3,543,972		3,543,972	917,653.71	917,653.71	(d)	(2,626,318)	-74%
STIP/Right of Way Acquisition Transfer	109,834,972				-	-	-	-	-			109,834,972		109,834,972		109,834,972					
Total Highway Fund Appropriation	\$ 2,994,668,014	\$ -	\$ (1,159,141)	\$ (75,695,265)	\$ 1,966,441,633	\$ 408,474,396	\$ 137,194,317	\$ 87,121,755	\$ 2,599,232,101	\$ (670,557,633)	\$ 542,320,695	\$ 5,143,973,799	\$ 303,677,483	\$ 3,461,821,288	\$ 163,184,578	\$ 3,625,005,866	733,279,673.64	27,756,308.34	761,035,981.98	\$ (2,728,541,614)	

Trust Fund Programs  
2022-23

Trust Fund Programs 2022-23	G.S.136-186 (f)											Net FY23	Federal Carry										
	Unexpended Allotments				Unallotted Appropriations																		
	SL 2022-74	Credit Balance	FY22 Overdrafts	Carry Forward	FY23 Cashflow	FY24																	
		Accounted By FY23																					
		Budget	Legislation				Approp Authority	State	Other	State	Other											Authority	Payback
Program Administration	\$	39,433,938		-			-		-		39,433,938	-	\$	37,900,919		37,900,919		7,953,990.38		7,953,990.38	\$	(29,946,929)	-79%
Bond Redemption		52,290,000		-				-			52,290,000	-		67,824,474		67,824,474		-		-	(67,824,474)	-100%	
Bond Interest		40,757,650		-				-			40,757,650	-		53,618,178		53,618,178		-		-	(53,618,178)	-100%	
Turnpike Authority		49,000,000		-				-			49,000,000	-		49,000,000		49,000,000		12,250,000.00		12,250,000.00	(36,750,000)	-75%	
State Ports Authority		45,000,000		-				-			45,000,000	-		45,000,000		45,000,000		11,250,000.00		11,250,000.00	(33,750,000)	-75%	
FHWA State Match		5,104,440		-	34,152,049	-	13,154,890	-	47,306,939		52,411,379	-		5,104,440		5,104,440		6,478,029.90	(i)	1,373,590	27%		
Transfer to Visitor Center		640,000		-				-			640,000	-		640,000		640,000		-		-	(640,000)	-100%	
Strategic Prioritization & Other Capital Projects	1,603,273,972	(250,000)	(70,728,890)	4,285,313,578	3,529,038,253	187,914,327	4,508,782,817	12,511,048,975	(1,104,511,093)	620,812,428	13,559,645,393	7,946,801,184	1,603,273,972	2,199,600,546	3,802,874,518	506,535,868.30	424,422,991.93	930,958,860.23	(e)	(2,871,915,657)	-76%		
N.C.G.S 147-86.15 Cash Management															205,000,000	120,000,000.00	120,000,000.00				(85,000,000)	-41%	
STIP/Right of Way Acquisition Transfer															(109,834,972)	(109,834,972)							
NCTA Loan															100,000,000	100,000,000							
Total Trust Fund Appropriation	\$1,835,500,000	\$ -	\$ (250,000)	\$ (70,728,890)	\$ 4,319,465,627	\$ 3,529,038,253	\$ 201,069,217	\$ 4,508,782,817	\$ 12,558,355,914	\$ (1,104,511,093)	\$ 620,812,428	\$ 13,839,178,360	\$ 7,946,801,184	\$ 2,057,527,011	\$ 2,199,600,546	\$ 4,257,127,557	664,467,888.58	424,422,991.93	1,088,890,880.51		\$ (3,093,071,648)		
	\$4,830,168,014	\$ -	\$ (1,409,141)	\$ (146,424,154)	\$ 6,285,907,260	\$ 3,937,512,649	\$ 338,263,535	\$ 4,595,904,571	\$ 15,157,588,015	\$ (1,775,068,726)	\$ 1,163,133,123	\$ 18,983,152,159	\$ 8,250,478,667	\$ 5,519,348,299	\$ 2,362,785,124	\$ 7,882,133,422	1,397,747,562.22	452,179,300.27	1,849,926,862.49		\$ (5,821,613,262)		

(a) Actuals for Secondary Construction from the Trust Fund are included

(b) Ferry Capital Fund carry forward authority includes funds transferred from Ferry Operations as required by G.S. 136-82 (h).

(c) Actuals for Railroad Program from the Highway Trust Fund are included

(d) Actuals for Capital Improvement from the Highway Trust Fund are included, will also include expenditures from the State Capital Infrastructure Fund

(e) Capital Program includes both the Highway Trust Fund and FHWA Funds in the Highway Fund

(f) Carry Forward Authority includes state funding, federal grants and local participation funding.

(g) Other Funds includes local participation and federal grants.

(h) GMR carry forward authority includes funding from programs such as LOGO and TODS.

(i) FHWA State Match expenditures include HPR/SPR state match and STI state match.

(j) Mobility Modernization expenditures and Spend Plan includes \$59,500,000 in Dept. of Commerce funds.

(k) Aviation expenditures and Spend Plan include \$11,500,000 in General Fund Capital and Infrastructure Fund for Directed Grants to Airports

(l) Ferry expenditures and spend plan include \$556,074 in call center consolidation reserve funds and federal grants.

Contingency Carry Forward includes unexpended Cash Flow requested by Legislature for the Glen Laurel Road Project, currently in the second year of an anticipated 3 year project.

# SFY 23 Approved Spend Plan Versus Adjusted Spend Plan

	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	SFY 2023	Approved 10/05/22	
	1	2	3	4	5	6	7	8	9	10	11	12	Adjusted Workplan	SFY 2023 Work Plan	Delta
<b>OPENING CASH BALANCE</b>	\$ 2,377	\$ 2,325	\$ 2,406	\$ 2,459	\$ 2,320	\$ 2,130	\$ 1,989	\$ 2,111	\$ 2,099	\$ 2,229	\$ 2,275	\$ 2,118			
<b>REVENUES</b>															
State revenues	\$ 358	\$ 385	\$ 398	\$ 365	\$ 369	\$ 348	\$ 376	\$ 351	\$ 405	\$ 395	\$ 392	\$ 412	\$ 4,552	\$ 4,581	(28)
Federal aid	39	145	234	94	90	87	101	194	253	119	121	110	1,588	1,588	0
Federal aid - USDOT Discretionary Grant	1	2	1	6	5	6	1	1	1	1	1	1	24	24	(0)
Turnpike Federal Aid	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-	(0)	(0)	(0)
Sales Tax	-	-	-	50	-	-	48	-	-	47	-	49	193	193	0
Other	3	9	16	227	12	10	9	10	11	67	14	13	400	444	(44)
	401	540	649	742	476	450	534	556	669	629	528	583	6,757	6,830	(73)
<b>BOND PROCEEDS/GARVEE</b>	-	13	20	13	38	19	15	15	13	18	20	12	197	150	47
<b>BUILDNC REIMBURSEMENT FROM TRUSTEE</b>	9	27	51	22	43	37	32	25	21	23	24	22	336	305	32
<b>TOTAL REVENUES &amp; OTHER RECEIPTS</b>	\$ 410	\$ 581	\$ 719	\$ 777	\$ 557	\$ 506	\$ 582	\$ 596	\$ 703	\$ 669	\$ 572	\$ 618	\$ 7,290	\$ 7,285	5
<b>CONSTRUCTION EXPENDITURES</b>															
Garvee Expenditures	0	(54)	(20)	(91)	(60)	(43)	(42)	(34)	(42)	(56)	(53)	(59)	(553)	(554)	1
Garvee Debt Service	-	(25)	0	-	-	-	-	(129)	-	-	-	-	(154)	(154)	0
Division of Mitigation Services (Formerly EEP)	(0)	(0)	(0)	(7)	-	-	(10)	-	-	(7)	-	-	(23)	(23)	(0)
BUILDNC Expenditures	(48)	(51)	(50)	(72)	(59)	(51)	(42)	(35)	(40)	(47)	(53)	(54)	(600)	(582)	(19)
BUILDNC Debt Service	-	-	-	-	(27)	-	-	-	-	-	(95)	-	(121)	(121)	0
STIP Construction - SAS	(103)	(170)	(132)	(114)	(96)	(78)	(67)	(58)	(67)	(100)	(113)	(128)	(1,227)	(1,202)	(25)
NC Mobility Fund	0	(0)	(0)	-	-	-	-	-	-	-	-	-	(0)	0	(0)
STIP Preconstruction & Holdouts	(85)	(3)	(116)	(181)	(114)	(104)	(70)	(127)	(101)	(102)	(110)	(120)	(1,232)	(1,287)	55
TIP - USDOT Discretionary Grant	(28)	(17)	(28)	(16)	(18)	(13)	(13)	(13)	(23)	(27)	(12)	(18)	(226)	(220)	(6)
Turnpike Authority	(0)	(1)	(1)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(3)	(2)	(0)
Internal Orders	(6)	13	(6)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(9)	(3)	(5)
Congestion Mitigation & Air Quality (CMAQ)	(4)	(2)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(32)	(31)	(1)
Total Construction	\$ (274)	\$ (309)	\$ (356)	\$ (485)	\$ (377)	\$ (292)	\$ (247)	\$ (400)	\$ (277)	\$ (342)	\$ (439)	\$ (382)	\$ (4,180)	(4,180)	0
<b>MAINTENANCE EXPENDITURES</b>															
Other Construction - Secondary Roads	(1)	(1)	(2)	(3)	(1)	(0)	(0)	(1)	(2)	(4)	(4)	(3)	(20)	(20)	0
Other Construction - Spot Safety Improvements	(1)	(1)	(1)	(2)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(14)	(14)	0
Other Construction - Contingency	(2)	(2)	(0)	(2)	(1)	(0)	(0)	(0)	(0)	(1)	(0)	(1)	(10)	(10)	0
Other Construction - Mobility/Modernization	(64)	(36)	(39)	(77)	(75)	(74)	(27)	(15)	(15)	(8)	(9)	(8)	(447)	(447)	0
General Maintenance Reserve	(35)	(44)	(43)	(52)	(42)	(38)	(49)	(44)	(59)	(54)	(58)	(78)	(595)	(595)	0
Contract Resurfacing	(75)	(69)	(71)	(80)	(44)	(18)	(6)	(5)	(18)	(79)	(74)	(65)	(604)	(604)	0
Roadside Environmental	(8)	(15)	(15)	(8)	(9)	(6)	(7)	(6)	(7)	(7)	(9)	(16)	(112)	(112)	0

# SFY 23 Approved Spend Plan Versus Adjusted Spend Plan

Pavement Preservation	(4)	(15)	(15)	(18)	(8)	(3)	(1)	(1)	(1)	(12)	(17)	(13)	(107)	(107)	0
Bridge Program	(22)	(24)	(22)	(40)	(37)	(27)	(22)	(24)	(22)	(32)	(29)	(30)	(330)	(330)	0
Bridge Preservation	(6)	(10)	(8)	(7)	(8)	(7)	(8)	(7)	(8)	(8)	(10)	(11)	(98)	(98)	0
Emergency GMR	0	(1)	(3)	(3)	(4)	(12)	(32)	(21)	(10)	(3)	(2)	(2)	(94)	(94)	0
Disaster Funding - FEMA	(2)	(1)	(2)	(8)	(6)	(6)	(7)	(6)	(7)	(6)	(7)	(9)	(67)	(67)	0
Total Maintenance	\$ (220)	\$ (218)	\$ (222)	\$ (299)	\$ (237)	\$ (194)	\$ (160)	\$ (130)	\$ (150)	\$ (216)	\$ (219)	\$ (235)	\$ (2,499)	(2,499)	0
<b>OTHER MODES</b>															
Integrated Mobility Division	(4)	(8)	(6)	(8)	(57)	(5)	(5)	(7)	(6)	(8)	(6)	(5)	(125)	(125)	0
Ferry Capital	(2)	(1)	0	(1)	(1)	(1)	(1)	(1)	(0)	-	-	-	(8)	(9)	1
Ferry Division	(3)	(6)	(6)	(6)	(5)	(5)	(5)	(5)	(5)	(4)	(4)	(5)	(58)	(58)	0
Rail Division	(2)	(3)	(3)	(5)	(13)	(6)	(6)	(6)	(54)	(7)	(7)	(10)	(122)	(122)	0
Aviation Division	(4)	(13)	(7)	(79)	(5)	(30)	(5)	(5)	(30)	(5)	(5)	(30)	(218)	(218)	0
													-		
Total Other Modes	\$ (15)	\$ (30)	\$ (21)	\$ (99)	\$ (82)	\$ (47)	\$ (22)	\$ (24)	\$ (95)	\$ (24)	\$ (23)	\$ (49)	\$ (531)	(532)	1
<b>OTHER EXPENDITURES</b>															
Administration	(19)	(26)	(27)	(32)	(37)	(18)	(29)	(41)	(33)	(41)	(33)	(39)	(375)	(378)	3
Transfers to Other State Agencies	(0)	(4)	(12)	-	-	(17)	-	-	(17)	-	-	(17)	(67)	(67)	1
Transfers to General Fund/NCTA/ER Fund	-	(12)	-	-	(12)	-	-	(12)	-	-	(12)	-	(49)	(49)	0
State aid to municipalities	-	-	(77)	-	-	(77)	-	-	-	-	-	-	(155)	(155)	0
Debt Service	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
Other Programs	(1)	(3)	(3)	(2)	(2)	(2)	(1)	(1)	(1)	(2)	(2)	(3)	(22)	(21)	(1)
Total Other Expenditures	\$ (20)	\$ (45)	\$ (119)	\$ (34)	\$ (51)	\$ (115)	\$ (30)	\$ (55)	\$ (51)	\$ (42)	\$ (47)	\$ (59)	\$ (668)	(671)	3
<b>TOTAL EXPENDITURES</b>	\$ (530)	\$ (603)	\$ (717)	\$ (917)	\$ (747)	\$ (647)	\$ (459)	\$ (608)	\$ (573)	\$ (623)	\$ (728)	\$ (725)	\$ (7,878)	\$ (7,882)	4
<b>OTHER CHANGES IN CASH</b>															
<b>N.C.G.S 147-86.15 Cash Management</b>															
Highway Fund	(40)	(50)	(30)	(15)	(15)	(109)	(10)	(15)	(25)	(5)	-	-	(314)		
Highway Trust Fund	40	50	30	(85)	15	109	10	15	25	5	-	-	214		
Total Cash Management Transfers	\$ -	\$ -	\$ -	\$ (100)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	(100)		
Working capital changes	\$ 67	\$ 104	\$ 51	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			
	\$ 67	\$ 104	\$ 51	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			
<b>NET CHANGE IN CASH</b>	\$ (52)	\$ 82	\$ 53	\$ (140)	\$ (190)	\$ (141)	\$ 122	\$ (13)	\$ 130	\$ 46	\$ (156)	\$ (107)			
<b>CLOSING CASH BALANCE *</b>	\$ 2,325	\$ 2,406	\$ 2,459	\$ 2,320	\$ 2,130	\$ 1,989	\$ 2,111	\$ 2,099	\$ 2,229	\$ 2,275	\$ 2,118	\$ 2,011			
<b>CLOSING CASH BALANCE (HF &amp; TF)</b>															
*Cash Balance includes Ferry Capital Fund															



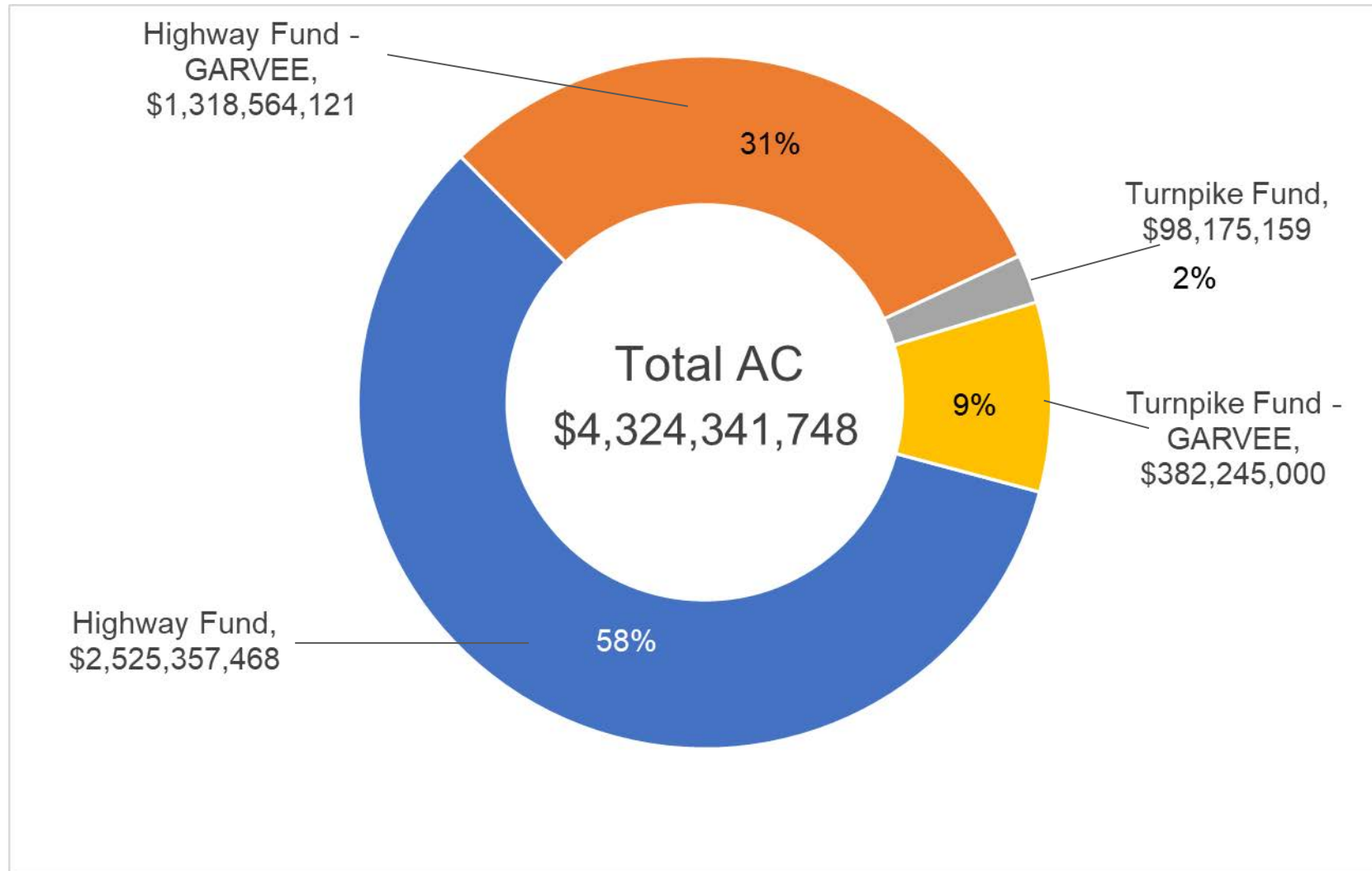
# Advance Construction

Funding Source	Unreimbursed Expenditures as of Oct. 20, 2022	Apportionment in FY 2022**	Within Prescribed Limit?
National Highway Performance Program (NHPP)	\$121,554,986	\$549,576,129	YES
Surface Transportation Block Grant (STBG)*	\$80,891,443	\$320,376,380	YES
Highway Safety Improvement Program (HSIP)	\$62,370,820	\$72,330,176	YES

\* Includes bridge replacement balance

\*\* Allowable AC amount is annual FY 2022 Apportionment less Projected GARVEE Obligations

# Advance Construction Balance as of September 2022





# Advance Construction

Funding Source	AC Amount - Oct. 20, 2022	Allowable AC amount FY 2022**	Within Prescribed Limit?
National Highway Performance Program (NHPP)	\$1,812,168,975	\$2,198,304,516	YES
Surface Transportation Block Grant (STBG)*	\$554,340,261	\$1,281,505,520	YES
Highway Safety Improvement Program (HSIP)	\$185,213,342	\$289,320,704	YES

\* Includes bridge replacement balance

\*\* Allowable AC amount is 4 times FY 2022 Apportionment less Projected GARVEE Obligations

# Questions?



**Stephanie King**  
Chief Financial Officer

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**NORTH CAROLINA**  
Department of Transportation

# **Powell Bill Program – NCDOT Board of Transportation Finance Committee**

**Dr. Majed Al-Ghandour, Ph.D., PE, CPM, M.ASCE**

November 2, 2022

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

15 slides version

## History of the Powell Bill Program

- NCGS § 136-41, Law passed in 1951
- The goal was to provide financial assistance to municipalities for municipally-maintained streets
- State Senator Junius K. Powell, an attorney and former Mayor of Whiteville, led the signatures on the bill, hence the name of the “Powell Bill” Program
- First Powell Bill funds were distributed in the fall of 1951 (\$4.5 million among 386 participating municipalities)



## Total Appropriation: FY 2015 – 2022

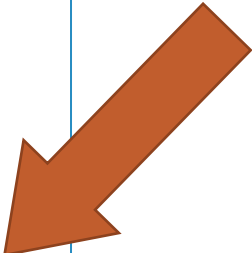
### Fixed Appropriation from the State Highway Fund:

- FY 2015-2016 → \$147.5 M
- FY 2016-2017 → \$147.5 M
- FY 2017-2018 → \$147.5 M
- FY 2018-2019 → \$147.5 M
- FY 2019-2020 → \$147.5 M
- FY 2020-2021 → \$137.1 M
- FY 2021-2022 → \$154.9 M & (Other Municipal Assistance = \$4,319,350)
- FY 2022-2023 → \$154.9 M

# Legislation

Session Law 2021-180 (Senate Bill 105)

PART III. HIGHWAY FUND AND HIGHWAY TRUST FUND		
CURRENT OPERATIONS/HIGHWAY FUND		
SECTION 3.1. Appropriations from the State Highway Fund for the maintenance and operation of the Department of Transportation and for other purposes as enumerated are made for the fiscal biennium ending June 30, 2023, according to the following schedule:		
Highway Fund	FY 2021-2022	FY 2022-2023
Aid to Municipalities		
Powell Bill	154,875,000	154,875,000
Other Municipal Assistance	4,319,350	0

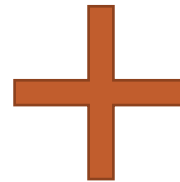


## Allocation Formula\* – NCGS 136-41.1(a)

Population



75 %



Certified Mileage



25 %

Total funds available is split 75/25, then each amount divided by total population or total mileage to obtain a rate per capita and per mile.

\*The current formula of 75% / 25% was changed in statute in 1971.

## Status of 2022/2023 Distribution

- Distribution of \$77,445,803.51 for October 2022 to 508 municipalities for 2022 has been completed.
- Second half will be distributed by January 2023 to 508 municipalities.



2022/2023 Powell Bill Appropriation

Per Capita Rate:	\$21.69
Per Mile Rate:	\$1,675.14

Population (75%) &  
Mileage (25%)

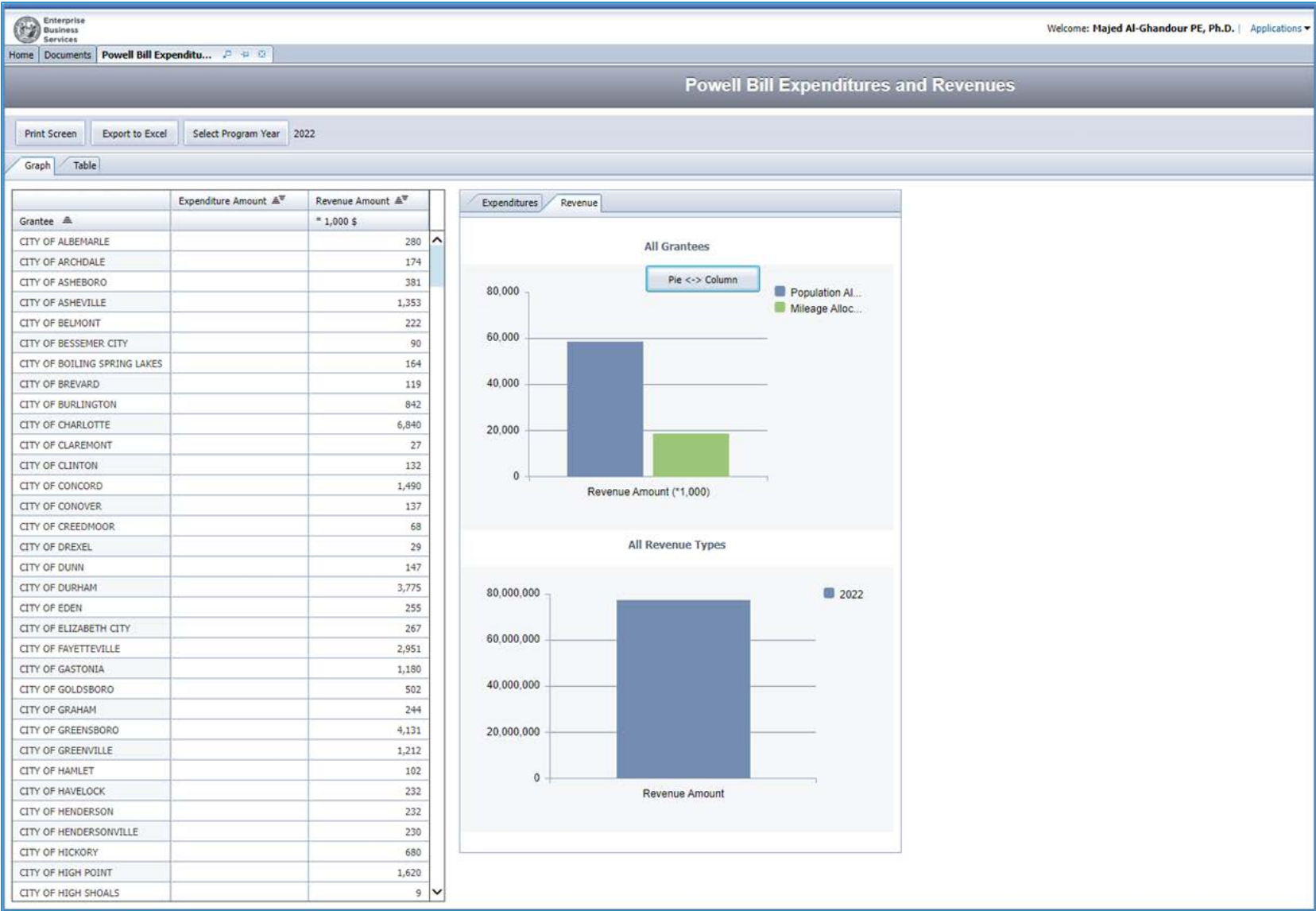
Largest and Smallest Recipients

	Municipality	County	Population	Miles	Appropriation
Largest	Charlotte	Mecklenburg	878,778	2,563.20	\$13,679,745.27
Smallest	Falkland	Pitt	47	0.05	\$1,103.12

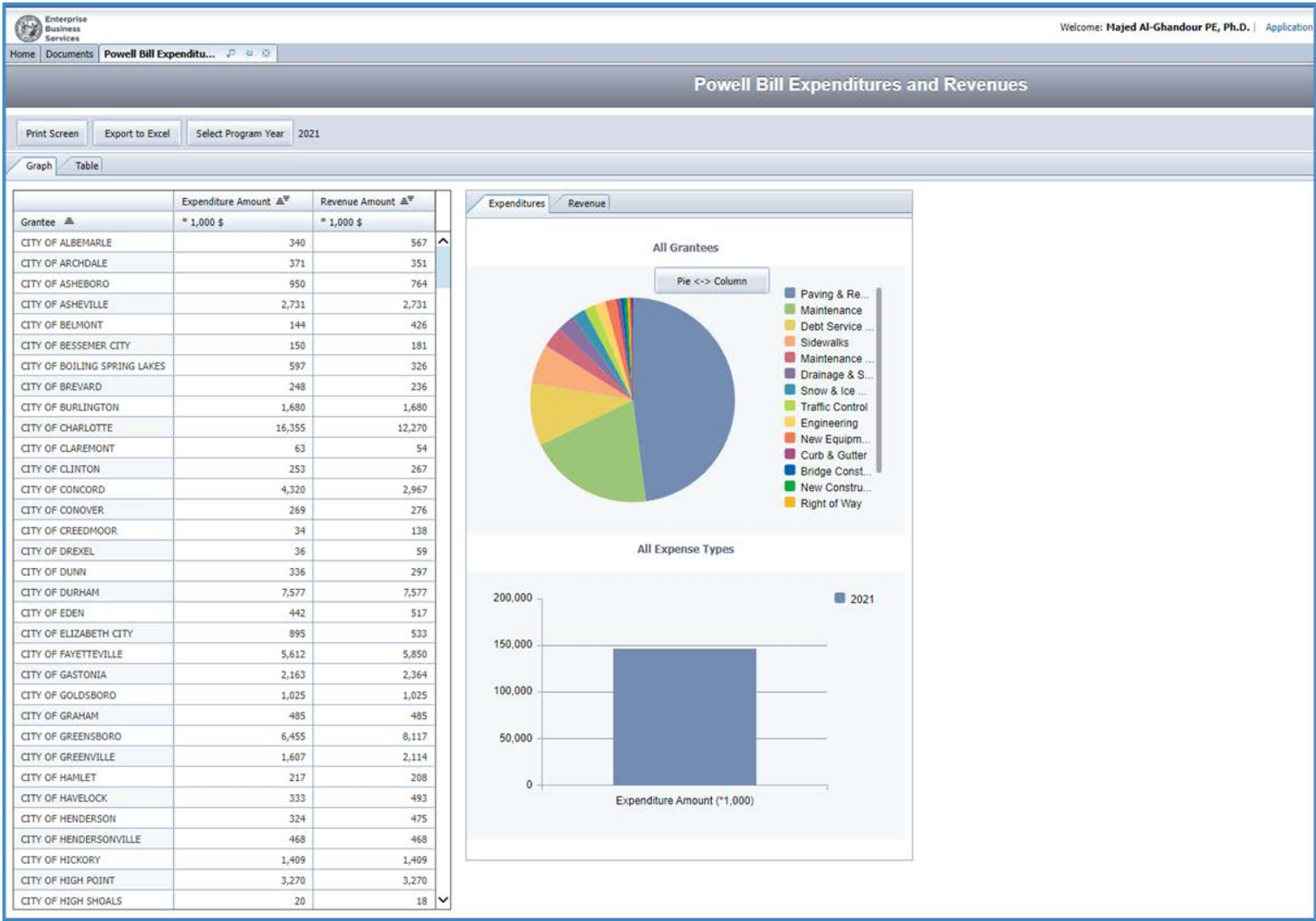
State Street - Aid Allocations to Municipalities  
Powell Bill FY 2022/2023  
508 Participating Municipalities

Municipality	County	Division Number	Population		Mileage		Total Allocation From Powell Bill Funds *	October Allocation *	January Allocation *
			Annual Estimated Population	Increment Award (3/4) *	Certified Non-System Mileage	Increment Awards (1/4) *			
Aberdeen	Moore	8	9,034	\$ 195,934.66	50.40	\$ 84,427.10	\$ 280,361.76	\$ 140,180.88	
Ahoskie	Hertford	1	4,772	\$ 103,497.92	33.07	\$ 55,396.91	\$ 158,894.83	\$ 79,447.42	
Alamance	Alamance	7	993	\$ 21,536.76	4.85	\$ 8,124.43	\$ 29,661.19	\$ 14,830.60	
Albemarle	Stanly	10	16,404	\$ 355,779.51	122.50	\$ 205,204.75	\$ 560,984.26	\$ 280,492.14	
Alliance	Pamlico	2	739	\$ 16,027.86	1.51	\$ 2,529.46	\$ 18,557.32	\$ 9,278.66	
Andrews	Cherokee	14	1,661	\$ 36,024.74	11.35	\$ 19,012.85	\$ 55,037.59	\$ 27,518.80	
Angier	Wake/Harnett	6	5,596	\$ 121,369.31	29.95	\$ 50,170.47	\$ 171,539.78	\$ 85,769.90	
Ansonville	Anson	10	439	\$ 9,521.29	7.74	\$ 12,965.59	\$ 22,486.88	\$ 11,243.45	
Apex	Wake	5	61,488	\$ 1,333,587.57	234.57	\$ 392,937.78	\$ 1,726,525.35	\$ 863,262.68	
Archdale	Randolph/Guilford	7	12,027	\$ 260,848.58	52.01	\$ 87,124.07	\$ 347,972.65	\$ 173,986.33	
Asheboro	Randolph	8	27,473	\$ 595,850.43	98.60	\$ 165,168.88	\$ 761,019.31	\$ 380,509.66	
Asheville	Buncombe	13	95,052	\$ 2,061,543.16	385.03	\$ 644,979.47	\$ 2,706,522.63	\$ 1,353,261.32	
Askewville	Bertie	1	178	\$ 3,860.57	2.26	\$ 3,785.82	\$ 7,646.39	\$ 3,823.20	
Atkinson	Pender	3	306	\$ 6,636.71	4.17	\$ 6,985.34	\$ 13,622.05	\$ 6,811.03	
Atlantic Beach	Carteret	2	1,370	\$ 29,713.36	17.55	\$ 29,398.72	\$ 59,112.08	\$ 29,556.04	
Aulander	Bertie	1	741	\$ 16,071.24	7.03	\$ 11,776.24	\$ 27,847.48	\$ 13,923.74	
Aurora	Beaufort	2	454	\$ 9,846.62	8.83	\$ 14,791.49	\$ 24,638.11	\$ 12,319.06	
Autryville	Sampson	3	167	\$ 3,621.99	4.38	\$ 7,337.12	\$ 10,959.11	\$ 5,479.56	
Ayden	Pitt	2	4,981	\$ 108,030.83	31.92	\$ 53,470.49	\$ 161,501.32	\$ 80,750.67	
Badin	Stanly	10	1,749	\$ 37,933.33	9.73	\$ 16,299.12	\$ 54,232.45	\$ 27,116.23	
Bailey	Nash	4	568	\$ 12,319.11	4.04	\$ 6,767.57	\$ 19,086.68	\$ 9,543.35	
Bakersville	Mitchell	13	470	\$ 10,193.63	3.64	\$ 6,097.51	\$ 16,291.14	\$ 8,145.58	
Bald Head Island	Brunswick	3	282	\$ 6,116.18	25.62	\$ 42,917.11	\$ 49,033.29	\$ 24,516.65	
Banner Elk	Avery	11	1,194	\$ 25,896.17	11.71	\$ 19,615.90	\$ 45,512.07	\$ 22,756.04	
Bath	Beaufort	2	245	\$ 5,313.70	1.96	\$ 3,283.28	\$ 8,596.98	\$ 4,298.49	
Bayboro	Pamlico	2	1,164	\$ 25,245.51	4.71	\$ 7,889.91	\$ 33,135.42	\$ 16,567.72	

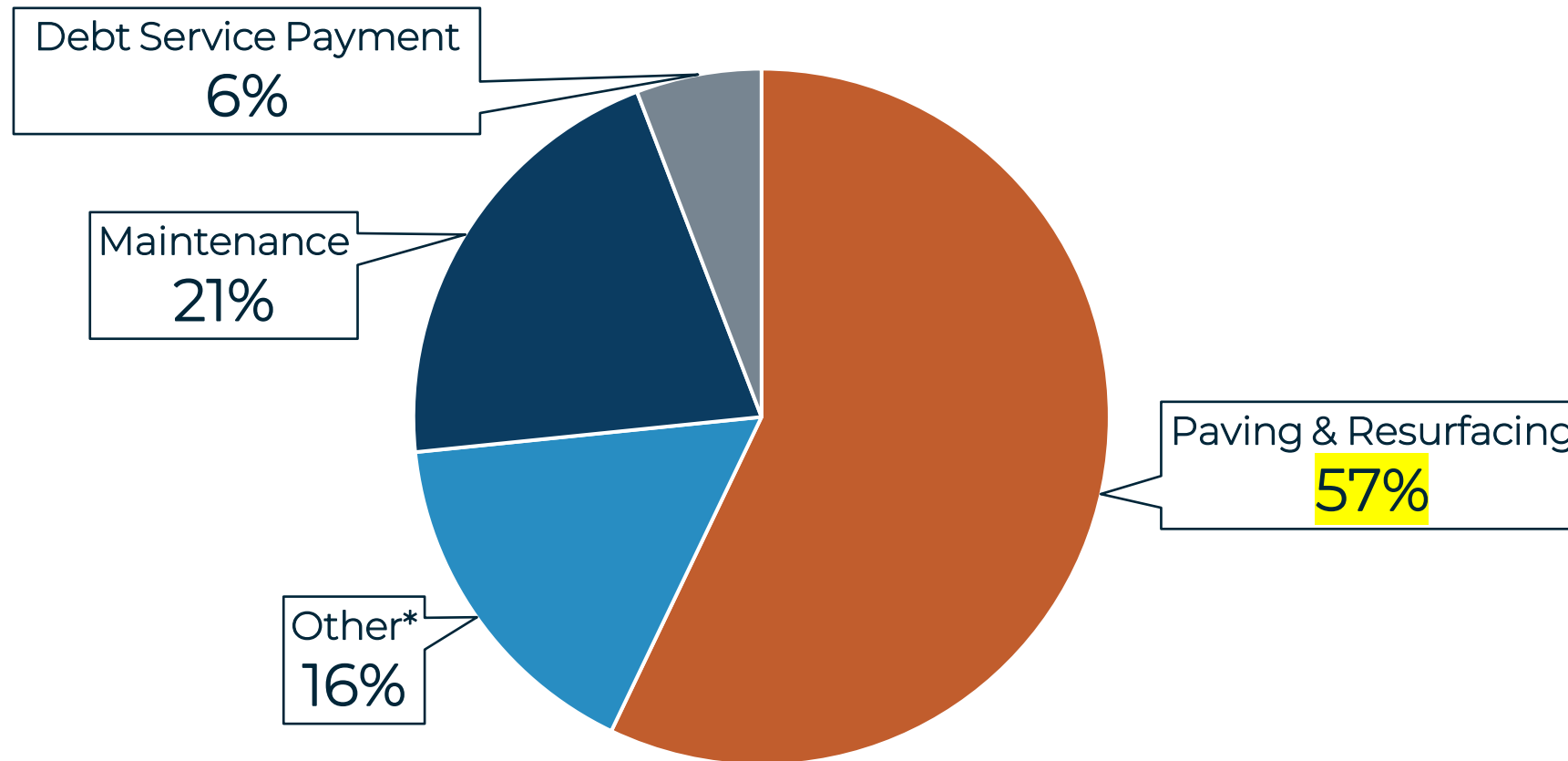
# Dashboard: Revenues



# Dashboard: Expenditures



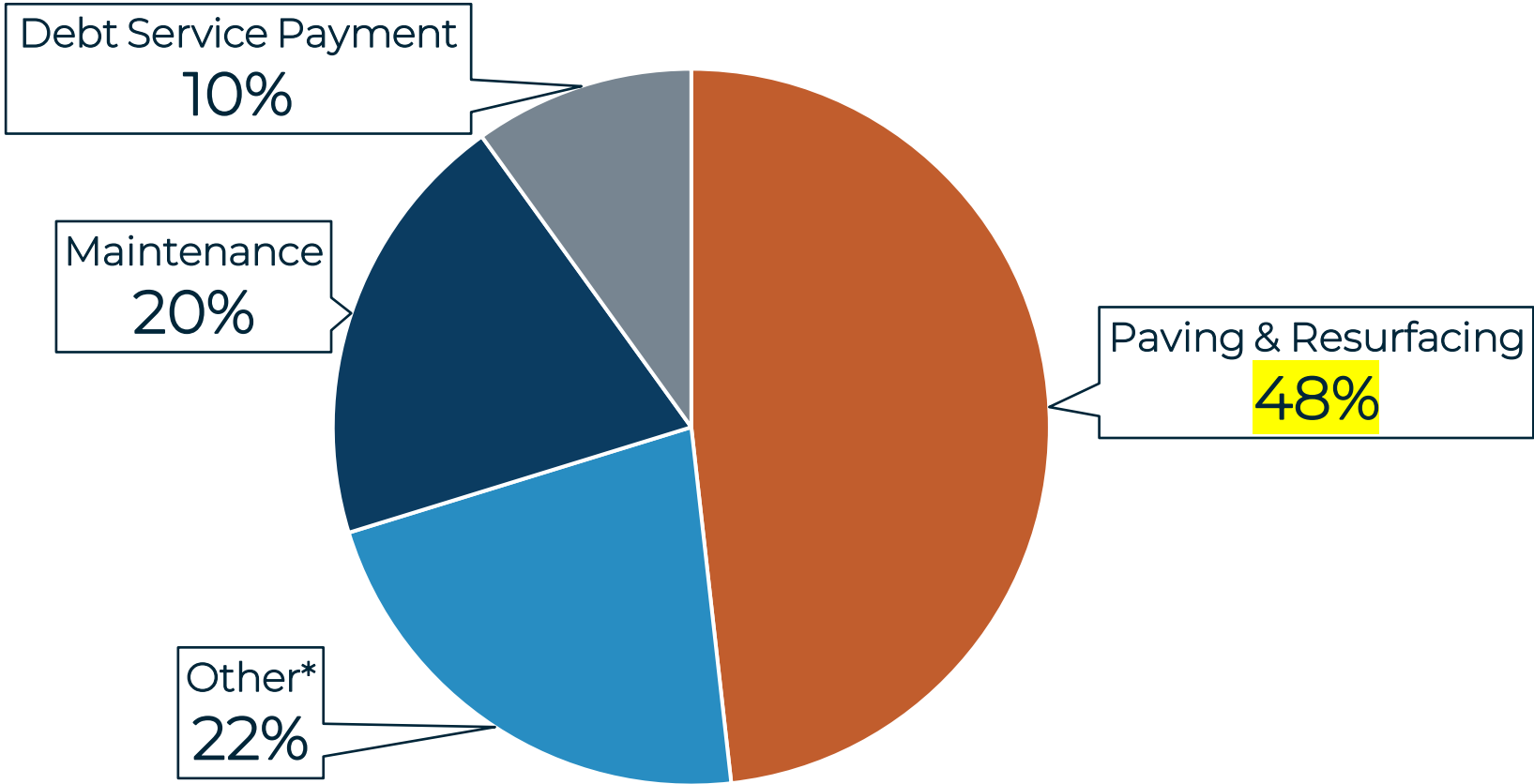
## Powell Bill Expenditures for FY 2021



Other:

- Bridge Construction and Repair
- Curb & Gutter
- Drainage & Storm Sewer
- Engineering
- Greenways
- Maintenance as part of Paving Project
- New Construction
- New Equipment
- Sidewalks
- Snow & Ice Removal
- TIP (Transportation Improvement Project)
- Traffic Control

# Powell Bill Expenditures for FY 2022



- Other:
- |                                                                                                                                                                         |                                                                                                                                                                |                                                                                                                                                                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"><li>• Bridge Construction and Repair</li><li>• Curb &amp; Gutter</li><li>• Drainage &amp; Storm Sewer</li><li>• Engineering</li></ul> | <ul style="list-style-type: none"><li>• Greenways</li><li>• Maintenance as part of Paving Project</li><li>• New Construction</li><li>• New Equipment</li></ul> | <ul style="list-style-type: none"><li>• Sidewalks</li><li>• Snow &amp; Ice Removal</li><li>• TIP (Transportation Improvement Project</li><li>• Traffic Control</li></ul> |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## Powell Bill Expenditures for FY 2022 - Details

Expense Type	Sum of Amount	Sum of Percentage
Paving & Resurfacing	\$ 70,299,139.58	48.22%
Maintenance	\$ 28,894,420.85	19.82%
Debt Service Payment	\$ 14,487,239.75	9.94%
Sidewalks	\$ 9,162,405.94	6.28%
Maintenance as part of Paving Project	\$ 4,322,891.28	2.97%
Drainage & Storm Sewer	\$ 4,049,939.67	2.78%
Snow & Ice Removal	\$ 3,121,919.64	2.14%
Traffic Control	\$ 2,561,992.03	1.76%
Engineering	\$ 2,519,385.95	1.73%
New Equipment	\$ 2,508,609.59	1.72%
Curb & Gutter	\$ 1,043,683.57	0.72%
Bridge Construction and Repair	\$ 900,756.12	0.62%
New Construction	\$ 749,072.68	0.51%
Right of Way	\$ 478,446.92	0.33%
Greenways	\$ 373,306.66	0.26%
Bikeways	\$ 194,985.79	0.13%
TIP (Transportation Improvement Project)	\$ 116,329.61	0.08%
<b>Grand Total</b>	<b>\$ 145,784,525.63</b>	<b>100.00%</b>

## Sample Item P

Item P  
Page 1

### NCDOT November 2022 Board of Transportation Agenda

#### Municipal Street System Changes for the Powell Bill Program

##### Deletions from the State Highway System

Division	County	Municipality	Road	Termini	Length
12	Cleveland	Boiling Springs	SR 1165; James Lovelace Road	From 0.06 miles east of current end of maintenance to current end of maintenance	0.06

File Name: CLEVELAND\_2022\_11\_M001

7	Guilford	Greensboro	SR 4121; Gate City Boulevard	From I-40 west bound Ramp to SR 4239 (Patterson Street)	1.02
7	Guilford	Greensboro	SR 4240; Gate City Boulevard	From 4239 (Patterson Street) to Coliseum Boulevard	0.43

File Name: GUILFORD\_2022\_11\_M001

Total Miles = 1.51

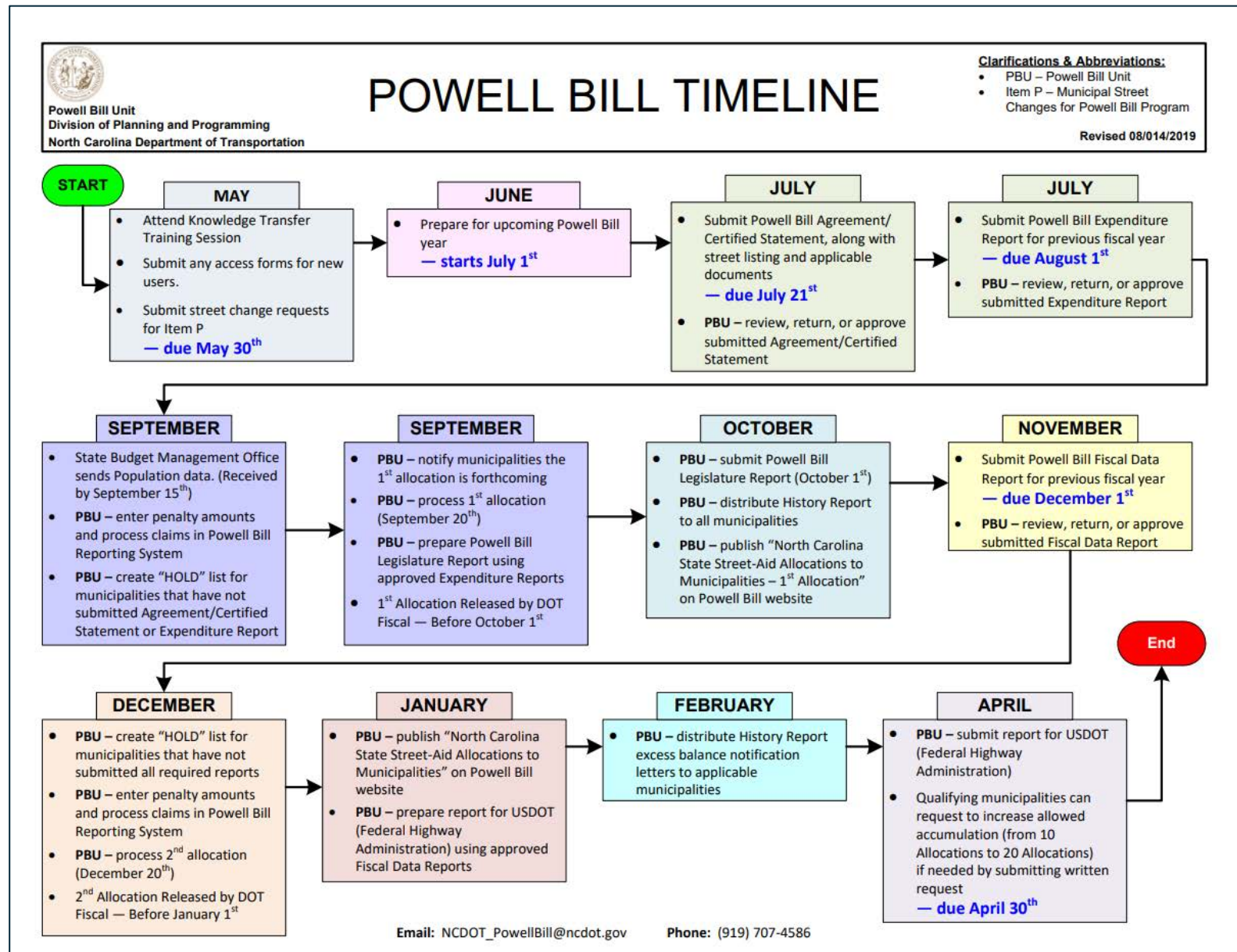
##### Additions to the State Highway System

Division	County	Municipality	Road	Termini	Length
10	Mecklenburg	Cornelius	Holiday Lane	From US 21 (Catawba Avenue) to Sterling Bay Lane	0.19

File Name: MECKLENBURG\_2022\_11\_M001

Total Miles = 0.19





# Contact Us

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## Dr. Majed Al-Ghandour – Director Project Mgmt. & Powell Bill

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

919-707-4621

### Molly Stevens – Powell Bill Coordinator

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

919-707-4610

### Jennie Bunton – Administrative Specialist

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

919-707-4620

 **Powell Bill Website:** <https://connect.ncdot.gov/municipalities/State-Street-Aid/>

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**Thank you!**





## **NORTH CAROLINA**

Department of Transportation



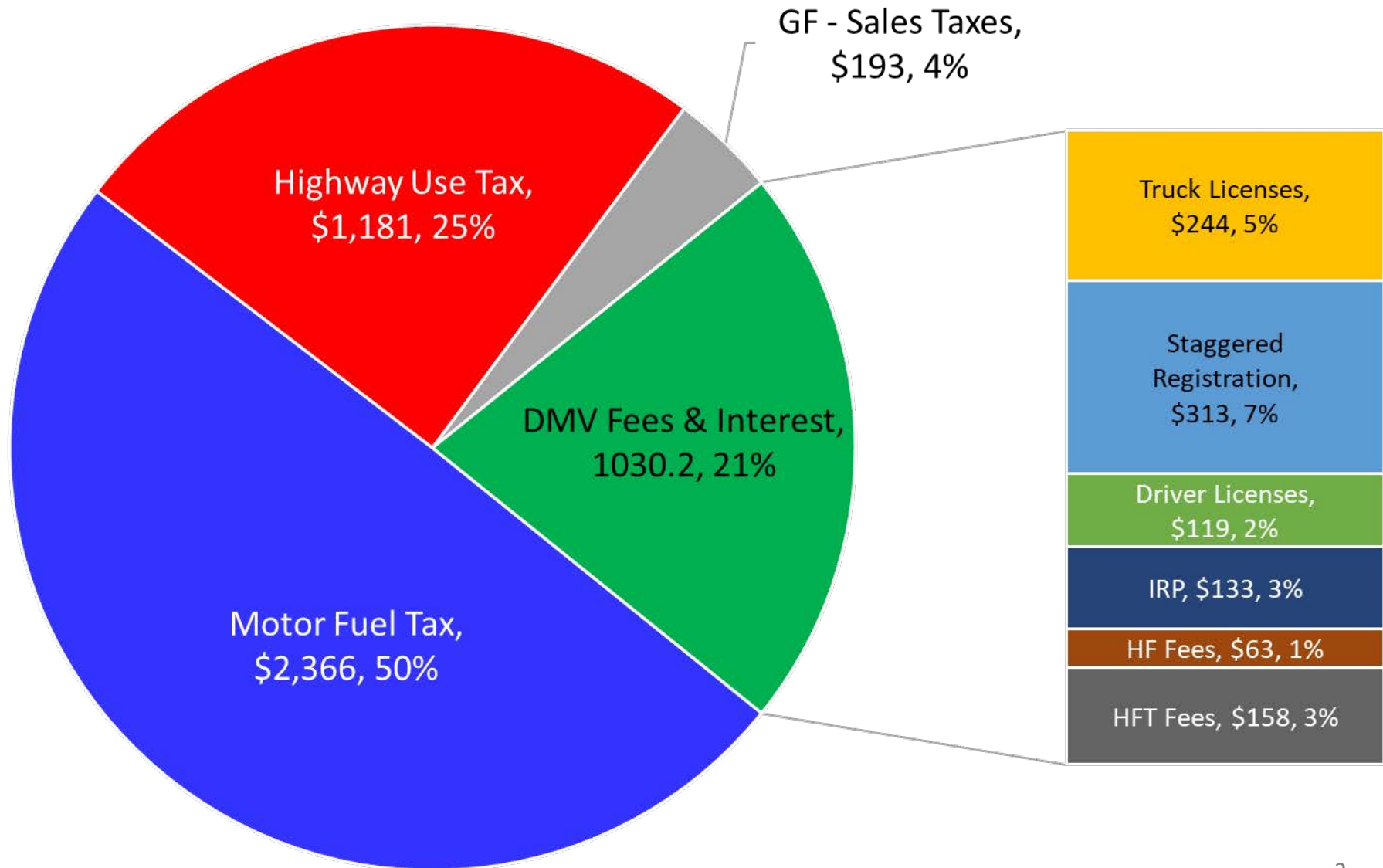
# SFY 2023 State Revenue

## 1<sup>st</sup> Quarter Comparison

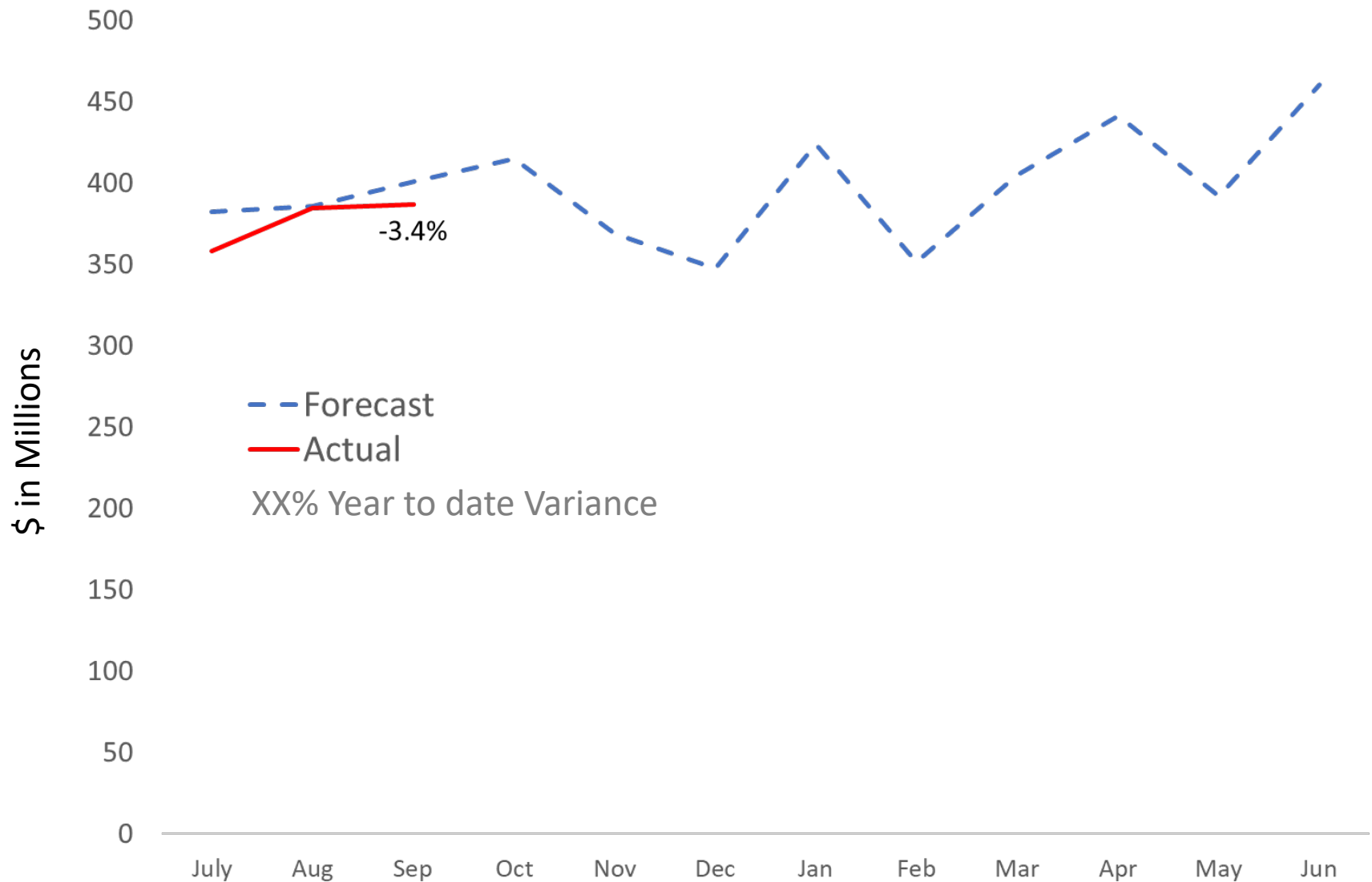
H. Tasaico, PE

11/2/2022

## State Revenues – Total (\$ in millions)

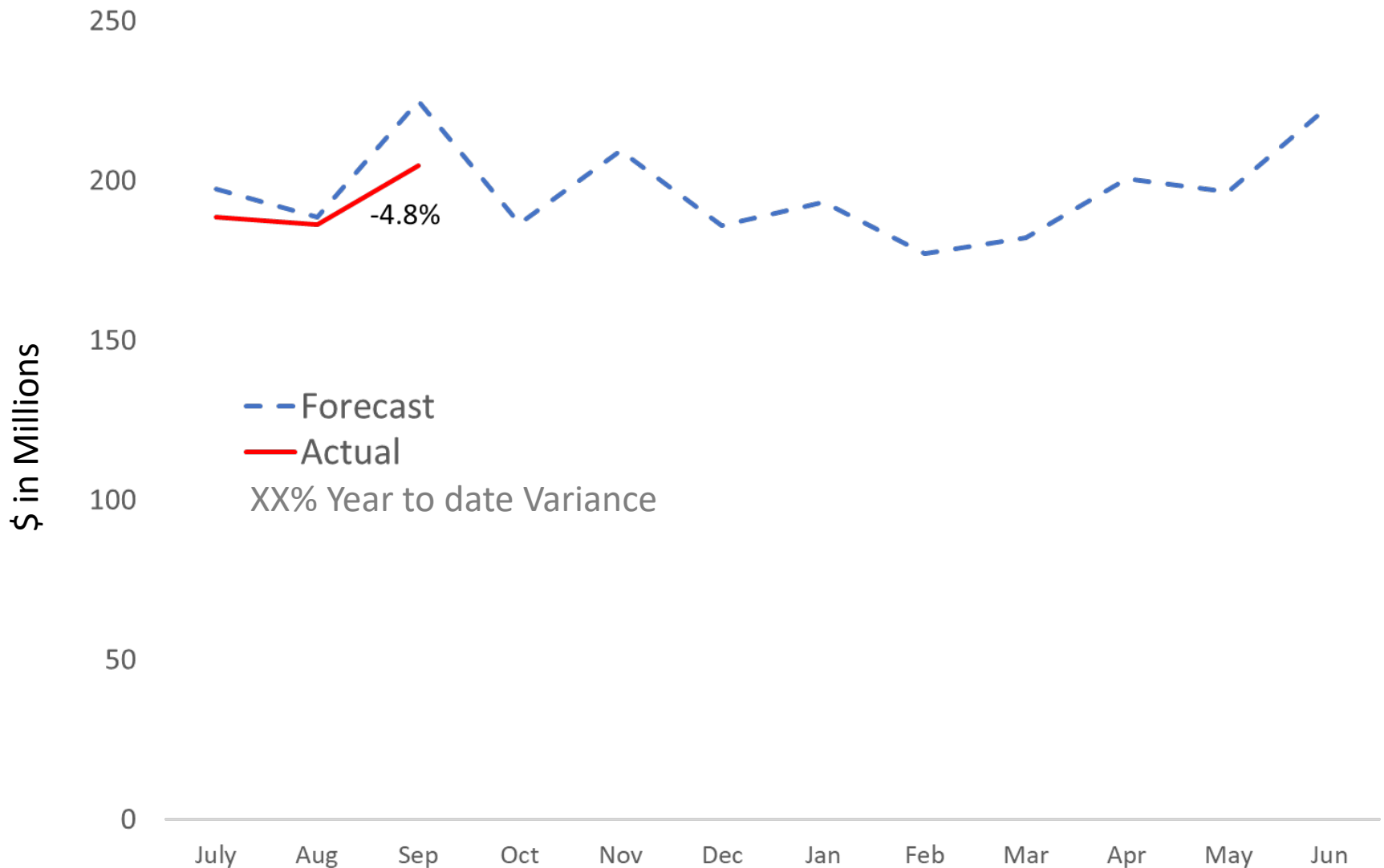


## State Revenues - Total

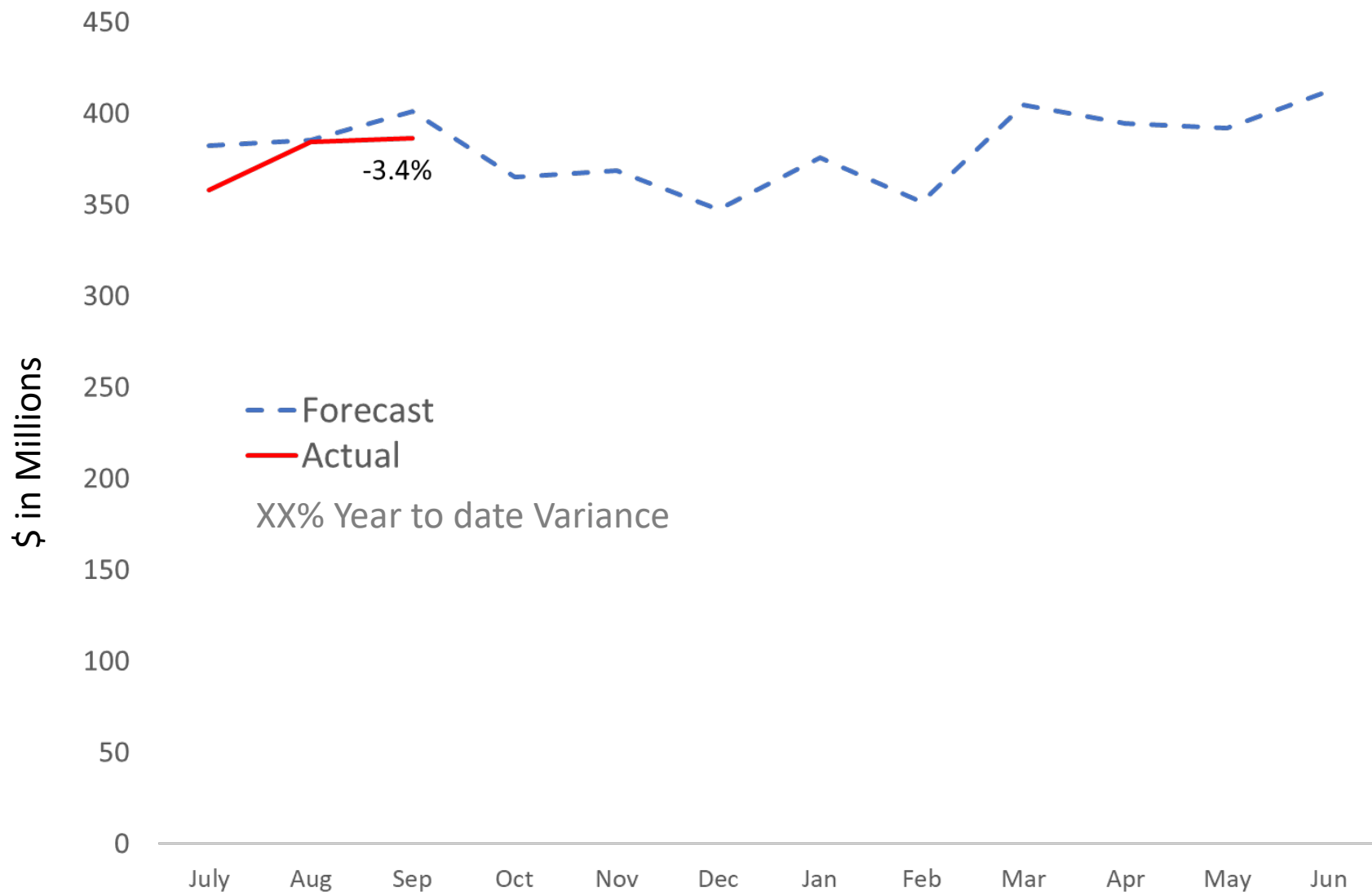




# State Revenues – Motor Fuel Taxes

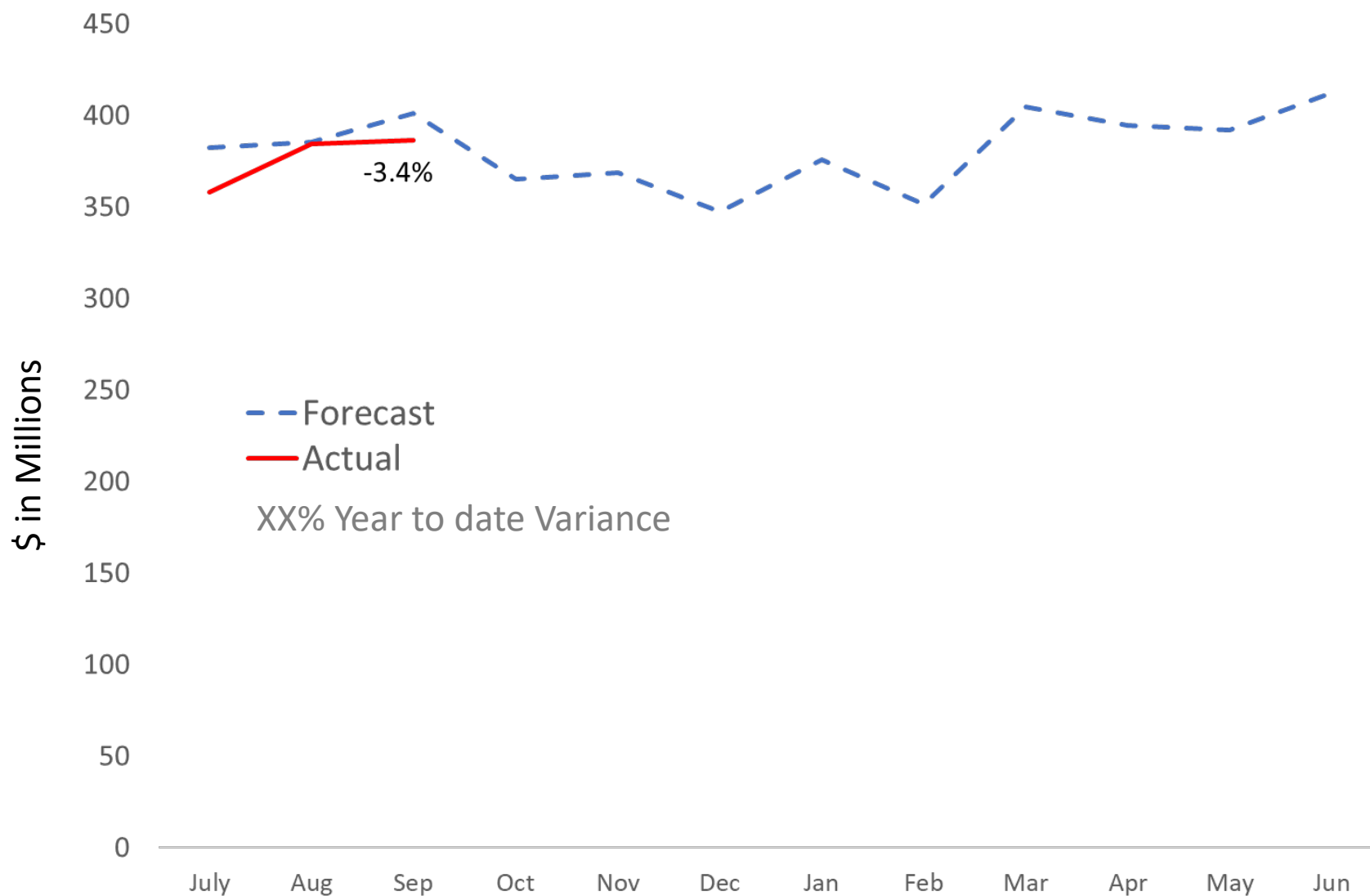


# State Revenues – Highway Use Tax

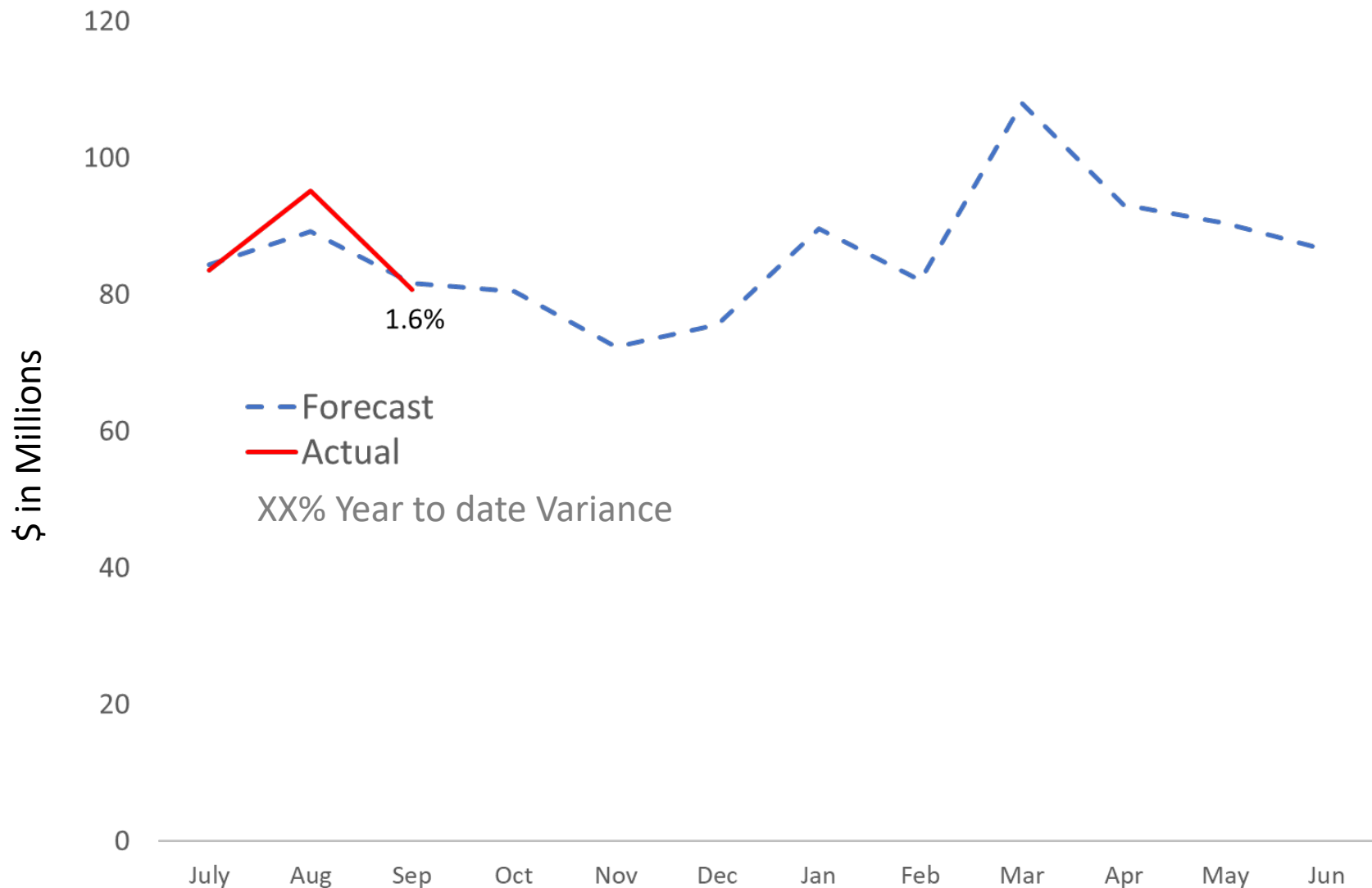




# State Revenues – Highway Use Tax



# State Revenues – DMV Fees & Interest





## **NORTH CAROLINA** Department of Transportation



# Spend Plan Policy Changes Board of Transportation Finance Committee Meeting

Stephanie King, Chief Financial Officer

November 2, 2022

# Spend Plan Policy Proposed Changes

- Definition Changes:

~~“Department” – shall mean the North Carolina Department of Transportation~~

~~“BOT” – shall mean The Board of Transportation with members as defined in G.S. §143B-350 of the North Carolina General Statutes. shall mean Board of Transportation~~

~~“Department” – shall mean the North Carolina Department of Transportation.~~

~~“Finance” – shall mean the Finance Committee of the BOT.BOT~~

~~“FHWA” – shall mean the Federal Highway Administration.~~

~~“FPC” – shall mean the Financial Planning Committee.~~

~~“NCDOT” – shall mean the North Carolina Department of Transportation.~~

~~“OSBM” – shall mean the Office of State Budget & Management.~~

~~“FHWA” – shall mean Federal Highway Administration.~~

# Spend Plan Policy Proposed Changes

- **Formatting Changes:**

BOT oversight and Spend Plan approval include the following:

Review and act on each Spend Plan developed by NCDOT. Ensure the approved Spend Plan is fiscally responsible while accomplishing transportation goals across the State.

Either approve the Spend Plan or report any objections with specificity and reasons in writing to the FPC for action and then to the General Assembly and Fiscal Research.

Ensure NCDOT is operating within the approved Spend Plan. Any modification to the Spend Plan or expenditures outside the Spend Plan must be approved.

The Chief Financial Officer (CFO) and staff will update the FPC members on the status of the plan and areas of concern will be discussed, along with corrective actions identified. High alert items will be analyzed to include legislative impacts, revenue collections vs estimates, construction forecast updates, disaster cost, litigation, among others.

# Spend Plan Policy Proposed Changes

- Language Changes: **The word “shared” replaced “presented”.**

Financial Management will work with business units to develop such plan based on their specific areas. The Draft Spend Plan will be assembled and shared to the FPC for detail review. The FPC will have representation from FHWA and OSBM. ~~After consensus is obtained it will be submitted for required approvals.~~

- Language Changes: **The word “may” replaced “will”.**

## Oversight and Modifications

The Secretary of Transportation or designee if absent, may conduct monthly FPC meetings in which the Spend Plan will be reviewed comparing expenses against the target. FPC will investigate areas of concern immediately with the specific area and senior leadership.

# Questions?



**Stephanie King**  
Chief Financial Officer

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



## **NORTH CAROLINA**

Department of Transportation



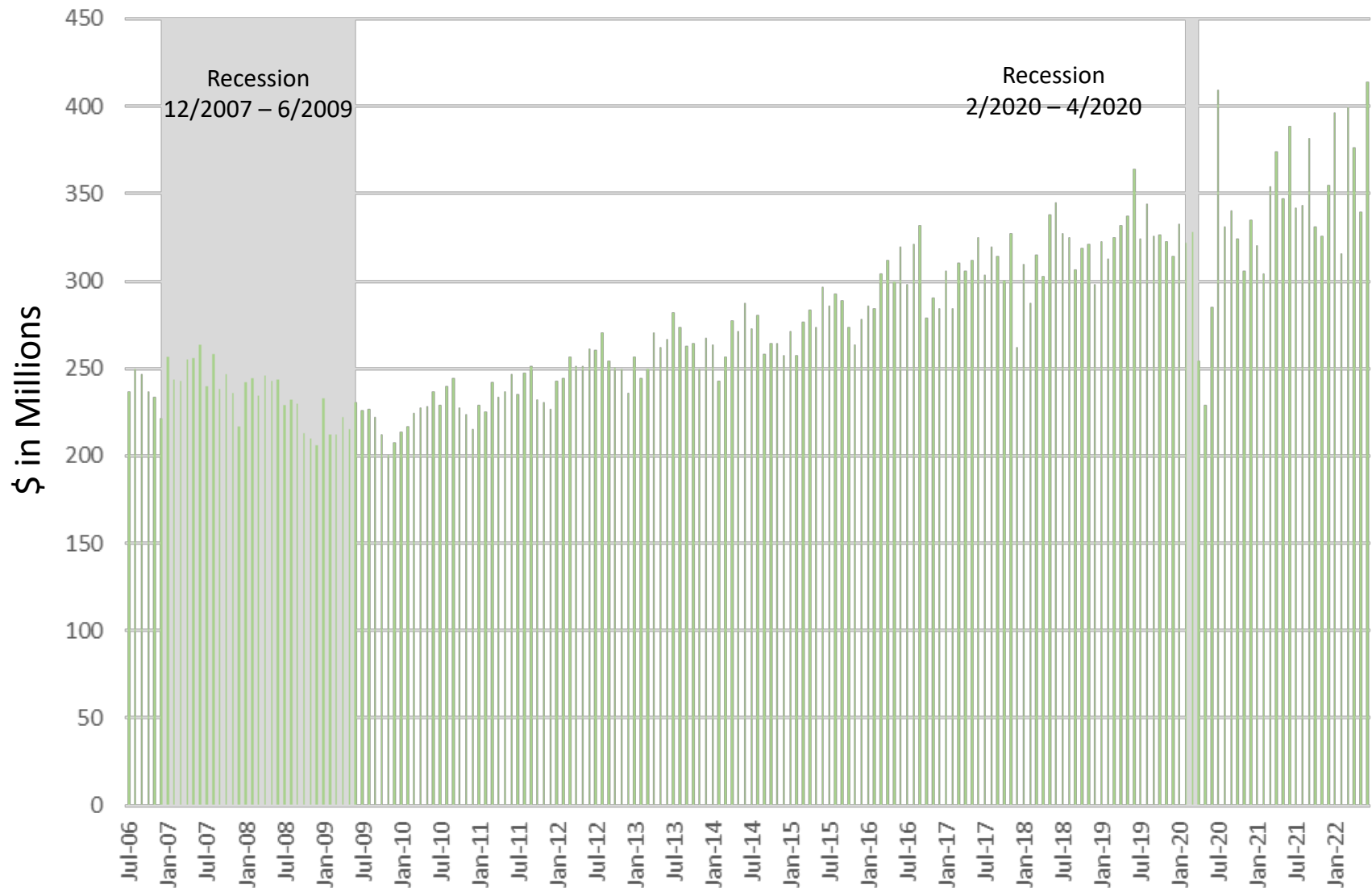
# State Revenue – Historical Analysis (follow-up)

H. Tasaico, PE

11/2/2022



# SFY 2007-2022 – Monthly Total State Revenues



# SFY 2007-2022 – Yearly Total State Revenues



# Year Total State Revenues Comparison Follow-up

Shorter timeframe comparison

Revenues as % of GDP

Population relative to CPI

Population relative to GDP

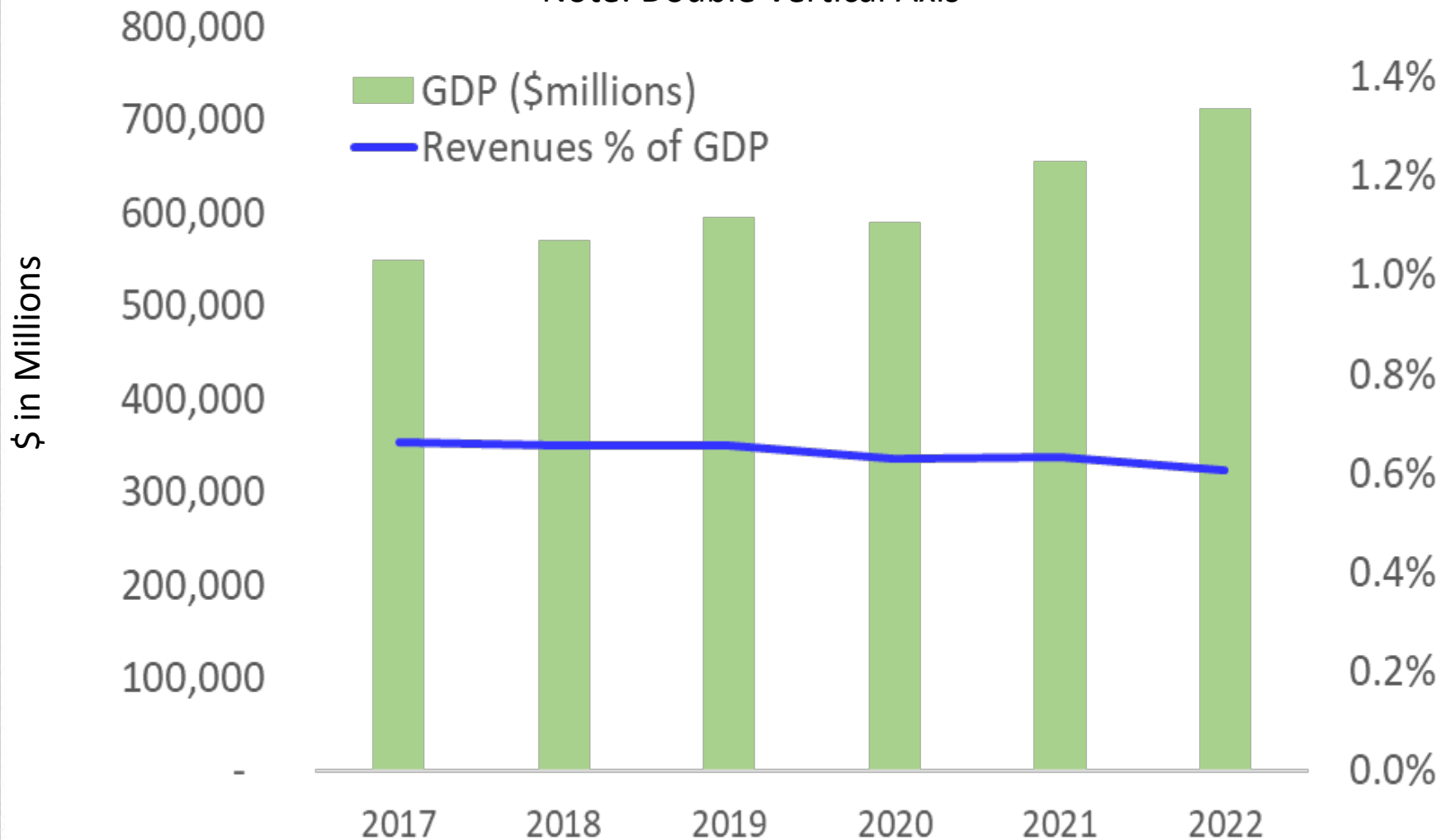
Revenues and GDP

One source NC or US (CPI)

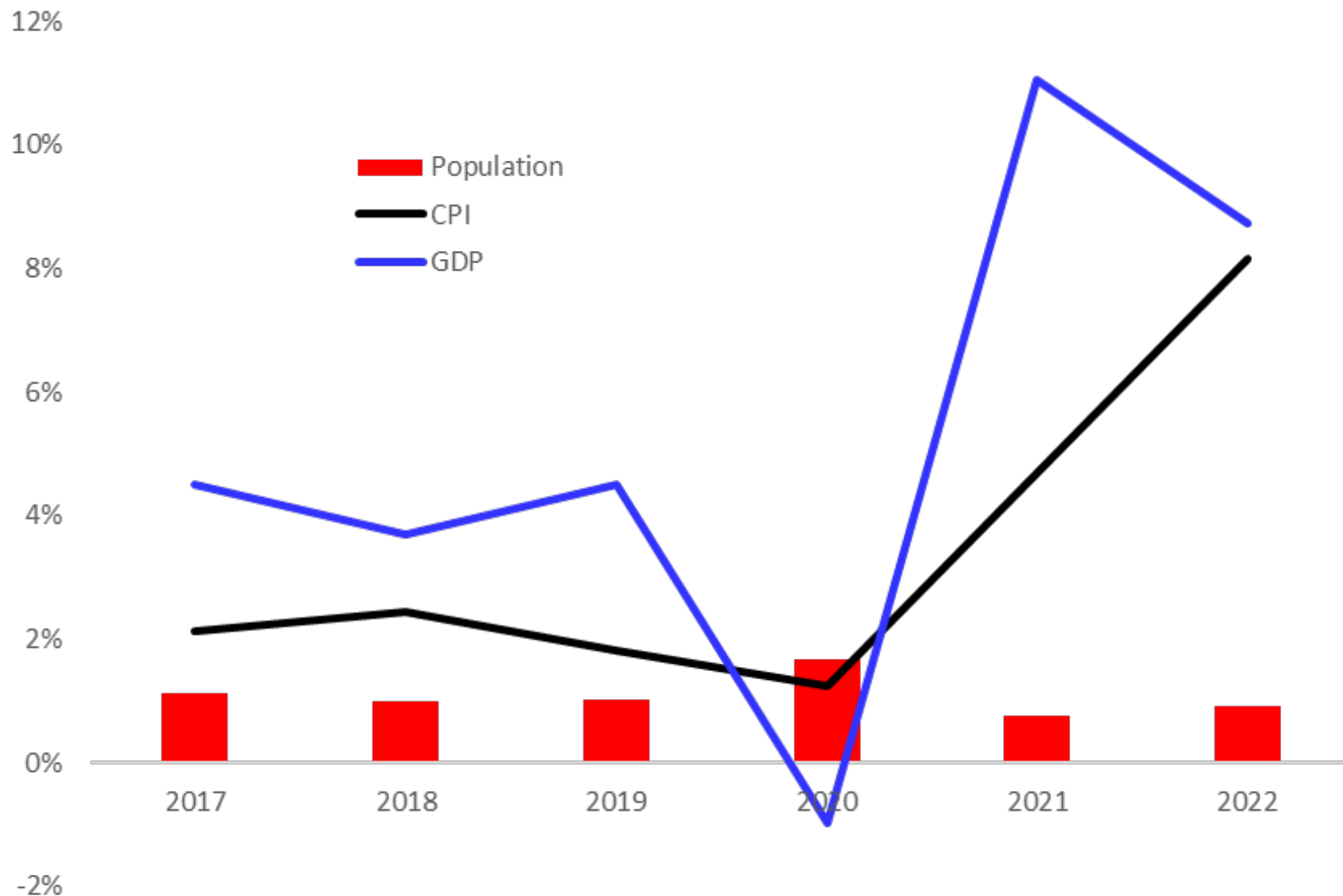
Consider regression analysis

# Yearly State Revenues as % of GDP

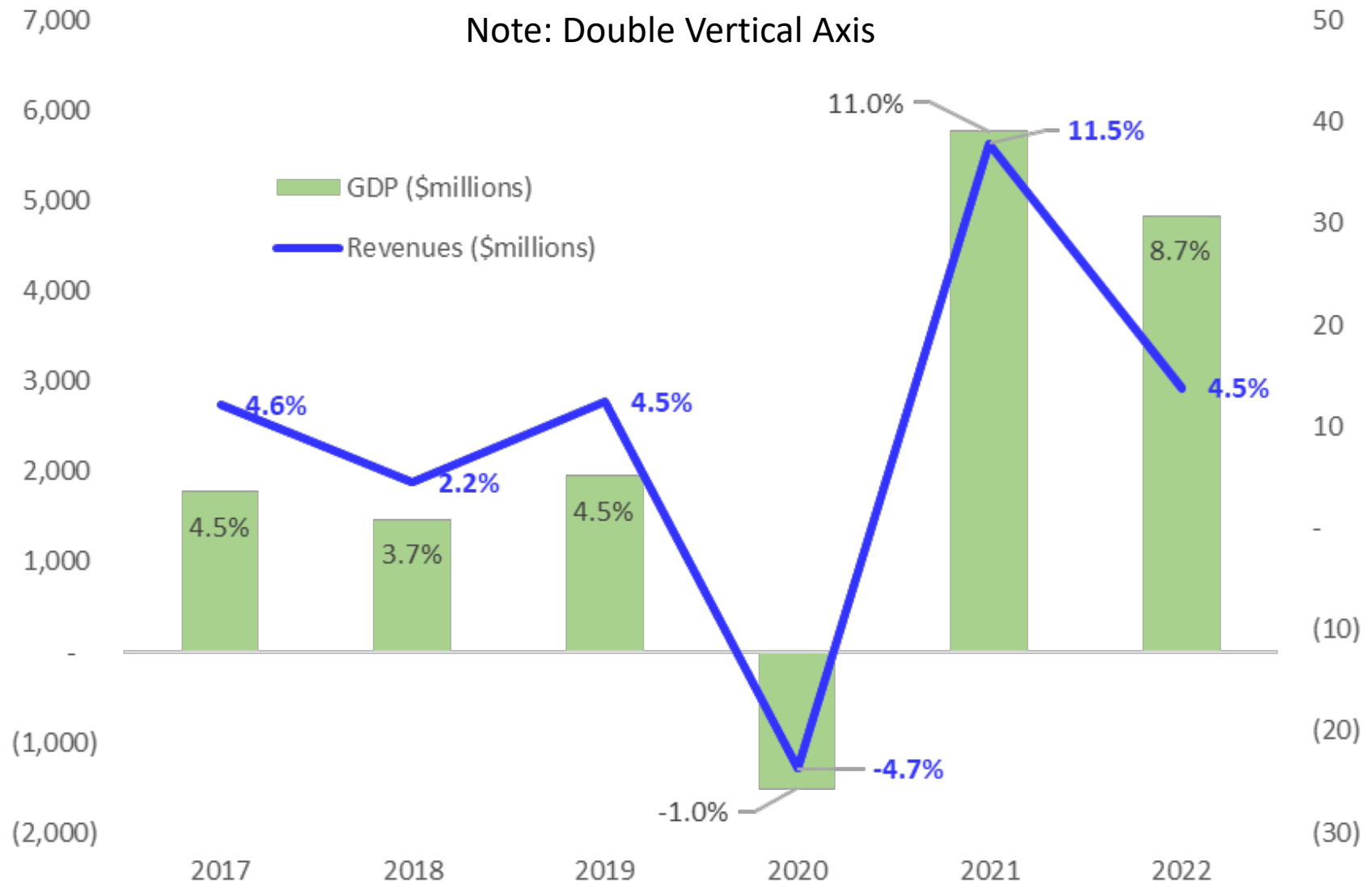
Note: Double Vertical Axis



# Annual Growth – Select Variables



# Annual Growth Rate – GDP and Revenue





# HIGHWAYS COMMITTEE MEETING MINUTES

DATE: Sept. 7, 2022 TIME: 3:30 PM LOCATION: Room 150 (Board Room)

MEETING CALLED BY	Committee Vice Chair Dirk Cody
BOARD ATTENDEES	Members Grady Hunt, Melvin Mitchell, Stephen Rosenburgh, Andy Wells, Meagan Phillips, and Billy Clarke

## AGENDA TOPICS

1. Call to Order, Roll Call, Declaration of Quorum, Non-Conflict Statement and Consideration of the August 10 <sup>th</sup> Meeting Minutes – Committee Vice Chair Cody	
DISCUSSION SUMMARY	Vice Chair Cody called the meeting to order at 3:33pm, and declared a quorum was present. Vice Chair Cody stated that the August 10 <sup>th</sup> minutes were distributed prior to the meeting, and if there are no additions or corrections, he would accept a motion that the minutes from August 10 <sup>th</sup> be approved as submitted.
ACTIONS TAKEN	Vice Chair Cody asked for a motion to approve the August 10 <sup>th</sup> meeting minutes. Board Member Billy Clarke made the motion to approve the minutes, and Board Member Andy Wells provided the second. Members voted in favor of approving the minutes. The minutes were approved unanimously.
2. Contract Award Process Presented by Mr. Jon Weathersbee, PE	
DISCUSSION SUMMARY	<p>The Highways Committee heard two presentations on September 7, 2022.</p> <p>The first presentation, titled <i>Contract Award Process</i>, was presented by Mr. Jon Weathersbee, State Estimating Engineer with NCDOT's Contract Standards and Development Unit.</p> <p>Mr. Weathersbee provided a brief overview of the contract letting process, from the <b>development of the engineer's estimate</b> 1-2 months prior to letting, through bid review and award. He explained how <b>the engineer's estimate is the official cost</b> estimate of the contract. <b>The engineer's estimate</b> is based on final pay items and quantities, incorporates two pricing methods (bid-based and cost-based), and remains confidential until after the letting.</p> <p>During the bid review process, the <b>engineer's estimate</b> is used as a baseline to assess bids received from contractors. The established threshold for low bid awards ranges from <b>15 percent below the engineer's estimate to 10 percent above the engineer's estimate</b>. <b>This threshold is supported by FHWA guidance and aligns</b> with contract award practices in other state DOTs.</p>



# HIGHWAYS COMMITTEE MEETING MINUTES

	<p>When low bids are more than 15 percent <i>below</i> <b>the engineer's estimate</b>, the estimate is reviewed for mistakes or omissions. If no mistakes or omissions are identified, then low bids in this category are generally recommended for award. Bids more than 15 percent below the estimate are typically a result of increased contractor competition or the proximity of the bidder to the project location.</p> <p>When the low bid is more than 10 percent <i>above</i> <b>the engineer's estimate</b>, an in-depth analysis of the bid and estimate is conducted. The Department reviews contractor bid tabs against the <b>engineer's</b> estimate to identify items driving the overage; staff contacts prime bidders for feedback; reviews subcontractor quotes; and, if justified by the analysis, can revise the <b>engineer's estimate</b>. Divisions are consulted on the revised estimate to confirm the availability of funds and other factors impacting the recommendation to award or re-let the contract.</p> <p>The estimating team then prepares a summary report for distribution to the Bid Review Committee. Reports are provided for projects with low bids outside of the established threshold, this includes bids more than 15 percent below the NCDOT estimate and bids more than 10 percent above the NCDOT estimate.</p> <p>The Bid Review Committee carefully reviews the bids submitted and formulates a recommendation on the acceptance or rejection of bids. Factors considered when deciding to support awards over the threshold are (1) public safety and hazardous conditions, (2) emergency repairs to facilities or assets, (3) closing gaps that would allow the facility to open to traffic, (4) critical elements that impact the completion of other projects, and (5) limited construction windows.</p> <p>The presentation concluded with an overview of contract award trends.</p> <p>Discussion followed.</p>
<p>3. Resiliency of Transportation Infrastructure Presented by Mr. Colin Mellor, Ms. Nastasha Earle-Young, and Mr. Matthew Lauffer, PE</p>	
<p>DISCUSSION SUMMARY</p>	<p>The second presentation, titled <i>Resiliency of Transportation Infrastructure</i>, was presented by Mr. Colin Mellor, Eastern Regional Team Lead in the Environmental Policy Unit; Ms. Nastasha Earle-Young, Statewide Initiatives Engineer in the Technical Services Unit; and Mr. Matthew Lauffer, Assistant State Hydraulics Engineer in the Hydraulics Unit.</p> <p>The presentation began with an overview of NCDOT's <b>resiliency</b> program. In the <b>context of risk management</b>, "<b>resilience</b>" is defined as a <b>system's ability to continue</b> to function at an acceptable level of efficiency in the face of disruptive or unexpected conditions.</p> <p>In the early stages of the program, the Department was focused mainly on determining which facilities and assets were vulnerable to disruptions. Today, the focus of the program is to prepare NCDOT for the future.</p>





# HIGHWAYS COMMITTEE MEETING MINUTES

	<p>This includes developing decision matrices for prioritizing resiliency projects, improving assessment tools to predict disruptions before they occur, improve how DOT prepares for and responds to extreme events, continue to pursue funding through grants and partnerships, and build facilities that will withstand extreme events and continue to function efficiently for many years (e.g., 2050, 2080, 2100).</p> <p><b>Relevant legislation and NCDOT's Resiliency Policy</b> were discussed. Program planning tools and vulnerability assessment tools were also reviewed, including the Geotech Asset Management Database and the Roadway Inundation Tool (RIT). These tools allow transportation planners to identify <b>the state's</b> vulnerable assets, analyze where asset failures and flooding have occurred in the past, and better predict where disruptions are likely to occur in the future. Flood Warning Tools like FINMAN-T, FINAMN-T Surge, and Bridge Watch were also discussed.</p> <p>Specific resiliency projects and initiative were discussed, along with next steps. <b>NCDOT's Annual Resilience Strategy Report will be available in October 2022.</b></p> <p>Discussion followed.</p>
ACTIONS TAKEN	NONE TAKEN
4. ADJOURNMENT	<p>Committee Vice Chair Cody asked for a motion to adjourn the meeting.</p> <p>Board Member Billy Clarke made the motion to adjourn. Board Member Stephen Rosenberg provided the second. The meeting was adjourned unanimously.</p>

Meeting adjourned at 4:30pm



# HIGHWAYS COMMITTEE AGENDA

## BOARD OF TRANSPORTATION NOVEMBER 2, 2022

TIME: Immediately following the ATC and Workforce committees

LOCATION: Room 150 (Board Room)

Members of the Board will participate in person or via Microsoft Teams.

TOPIC	PRESENTER	TIME
Call to Order Roll Call Declaration of Quorum Approval of the September 2022 Meeting Minutes	Mr. Dirk Cody, Committee Vice Chair	5 min.
Contractual Adjustments Overview	Mr. Boyd Tharrington, PE Director of Field Support Office of the Chief Engineer	30 min.
Preparing for Connected and Autonomous Vehicles	Mr. Kevin Lacy, PE Director of Strategic Planning and Programming  Mr. Joseph Hummer, PhD, PE State Traffic Management Engineer Traffic Management Unit	30 min.
Other Discussion	Committee Vice Chair Cody	10 min.
Adjourn	All	



**NORTH CAROLINA**  
Department of Transportation

# Contractual Adjustments Overview

Boyd Tharrington, PE  
Director of Field Support  
November 2, 2022

# Objective

**NCDOT CONTRACT BASICS**



```
graph TD; A[NCDOT CONTRACT BASICS] --> B[CONTRACTUAL ADJUSTMENTS]; B --> C[SUPPLEMENTAL AGREEMENTS OVERVIEW]; C --> D[CLAIMS OVERVIEW];
```

**CONTRACTUAL ADJUSTMENTS**

**SUPPLEMENTAL AGREEMENTS OVERVIEW**

**CLAIMS OVERVIEW**

# NCDOT Contract Basics



- **Contractually binding agreement outlining work to be performed and how compensation will be provided.**
- **Establishes contract times(availability date, completion date, intermediate completion dates)**
- **Most design-bid-build contracts are line-item contracts with established description, quantity, and unit price**
- **Design build contracts are typically lump sum with a single line item to design and construct entire project**
- **Contracts reference the Standard Specifications and contain provisions that detail methods of construction, materials, and basis of payment**

# Need for Contractual Adjustments

- Field conditions
- Plan revisions
- Specification changes
- Overruns or underruns
- Material requirements or availability
- Delays to controlling operation
- Third party coordination
- Value Engineering proposal



# Types of Contractual Adjustments

**Supplemental Agreement** - Written agreement between the Contractor and the Department covering amendments to the contract

**Claim** - Assertion of an entitlement to either additional contract time or additional compensation



# Basis for Supplemental Agreements

## Extra Work(Article 104-7 of Specifications)

- Work necessary or desirable to fully complete the work as contemplated for which payment is not provided by the contract

## Altered Work(Article 104-3 of Specifications)

- Increased cost of performing work resulting from a change or alteration for which there are existing contract unit prices

## Overruns and Underruns(Article 104-5 of Specifications)

- Increase or decrease in contract unit price based on quantity changes that exceed established thresholds

## Value Engineering(104-12 of the Specifications)

- Approved proposal from contractor that saves construction cost



# Supplemental Agreement Process

- Department or Contractor identify issue not covered in contract document or work that has been altered
- Contractor notifies Department requesting additional compensation for work
- If Department agrees, price and time is negotiated, and Supplemental Agreement is executed
- If Department does not agree, Contractor can notify the Department of intent to file a claim
- Work is performed
- Contractor files claim if work is in dispute

# Supplemental Agreement Approval Authority

- **Resident Engineer** Supplemental Agreements for all Articles of the Specifications up to **\$100,000** and associated time up to **30 days** on all projects.
- **Division Engineer/Division Construction Engineer** Supplemental Agreements for all Articles of the Specifications with unlimited authority for compensation and time.
- **State Construction Engineer/Assistant State Construction Engineer/Area Construction Engineer** Reviews Supplemental Agreements greater than **\$100,000** and time extensions greater than **30 Days**.
- **State Construction Engineer/Assistant State Construction Engineer** Reviews Supplemental Agreements greater than **\$200,000** and time extensions greater than **90 Days**.





An aerial photograph of a multi-lane highway interchange with several overpasses. In the background, a city skyline with various skyscrapers is visible under a clear sky. The foreground shows a parking lot with several cars and a large pile of gravel. The overall scene is a mix of infrastructure, urban development, and natural greenery.

# Claims

- The Department's claims processes are essential to keep projects moving forward
- Claims can be filed for additional compensation or additional contract time
- Protects the industry and the Department and provides a mechanism to resolve disputes
- Claims can be resolved during active construction or after project completion through established processes
- Department has developed closeout conference procedures to provide opportunity to resolve issues in formal discussion

# Claims for Additional Compensation

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**104-7 or 104-3** If a request for additional compensation for extra work or additional work is denied, the Contractor may file a claim in accordance with the Specifications



**104-4** When the Department suspends work on the project, or the Contractor contends that he has been prevented for performing work on the project, the Contractor may file a claim in accordance with the Specifications

# Claims for Additional Contract Time

---



**108-10(B)3** If the Contractor's controlling operation is delayed by circumstances beyond his control and without his fault or negligence, he may, at any time before payment of the final estimate, make a written request for an extension of the completion date, intermediate completion date or intermediate completion time



**108-10(B)4** If changes in the work from that originally contemplated in the contract are ordered by the Engineer and these changes result in reduction of quantities, elimination of items, additional work or extra work, the Engineer will allow an extension in the completion date, intermediate completion date or intermediate completion time



# Claim Resolution Processes

- **Active Claims-** Contractor may submit a claim prior to project completion to the Resident Engineer. Department reviews and responds in writing.
- **Final Claims-** Contractor may submit claim after project completion and prior to the payment of the final estimate to the State Construction Engineer or Division Engineer depending on if the project is Central or Division let. Issues have been through active claims process. Department reviews and responds in writing.
- **Verified Claims-** GS 136-29 allows contractor to submit verified claim to the Chief Engineer after the final estimate has been paid. Claim is reviewed by committee and response issued in writing.

# Claim Approval Authority

- **Resident Engineer** approval authority is **\$100,000** and **30 days** for active claims under all Articles of the Specifications. Resident Engineer can not deny any active claim.
- **Division Engineer or his / her delegate** approval and denial authority for active claims is unlimited under all Articles of the specifications.
- **Area Construction Engineer** reviews all active claims over **\$100,000** or **30 days**.
- **State Construction Engineer or Asst. State Construction Engineer** reviews all active claims over **\$200,000** or **90 days**.





# Project Closeout Conference

---

- May be scheduled after project completion prior to submission of a final claim.
- Contractor may bring claims for additional contract time, additional compensation, or any quantity disputes as topics for discussion.
- Opportunity for Contractor to verbally explain the basis of the claim, even if issues have previously been reviewed as active claims.
- Department staff present that can agree and execute a closeout conference form





**NORTH CAROLINA**  
Department of Transportation

# Questions?

Boyd Tharrington, PE  
Director of Field Support  
November 2, 2022



**NORTH CAROLINA**  
Department of Transportation

# DBE Program Update

## DBE PARTICIPATION ON ACTIVE NCDOT CONSTRUCTION PROJECTS

PRIME CONTRACTS	BID AMOUNT		Active Construction Contract Awards	\$ 11,007,347,903	10.20.22
FEDERAL	\$ 6,435,164,162	215	DBE Prime Participation	1%	
STATE	\$ 4,572,183,740	543	DBE Subcontractor Participation	9%	
Grand Total	\$ 11,007,347,903	758			
PRIME CONTRACTS	BID AMOUNT		SUBCONTRACTS	DBE SUB TOTALS	
DBE Prime	\$ 119,772,739	1%	DBE Sub	\$ 962,114,906	24%
Non-DBE Prime	\$ 10,887,575,164	99%	Non-DBE Sub	\$ 2,980,190,067	76%
Grand Total	\$ 11,007,347,903		Grand Total	\$ 3,942,304,973	



## **NORTH CAROLINA** Department of Transportation



# Preparing for Connected and Autonomous Vehicles

Kevin Lacy, P.E., and Dr. Joe Hummer, P.E.

*NC Board of Transportation, November 2022*

# Presentation Objective



Overview of the industry today – connected and autonomous vehicles.



Summarize NCDOT's autonomous and connected vehicle activities.



Discuss what NC is doing to prepare and what needs to happen to assist with advancement.

# As Big a Change As...

- Jet airplane?
- Interstate system?
- Model T?
- Railroads?
- Steamships?





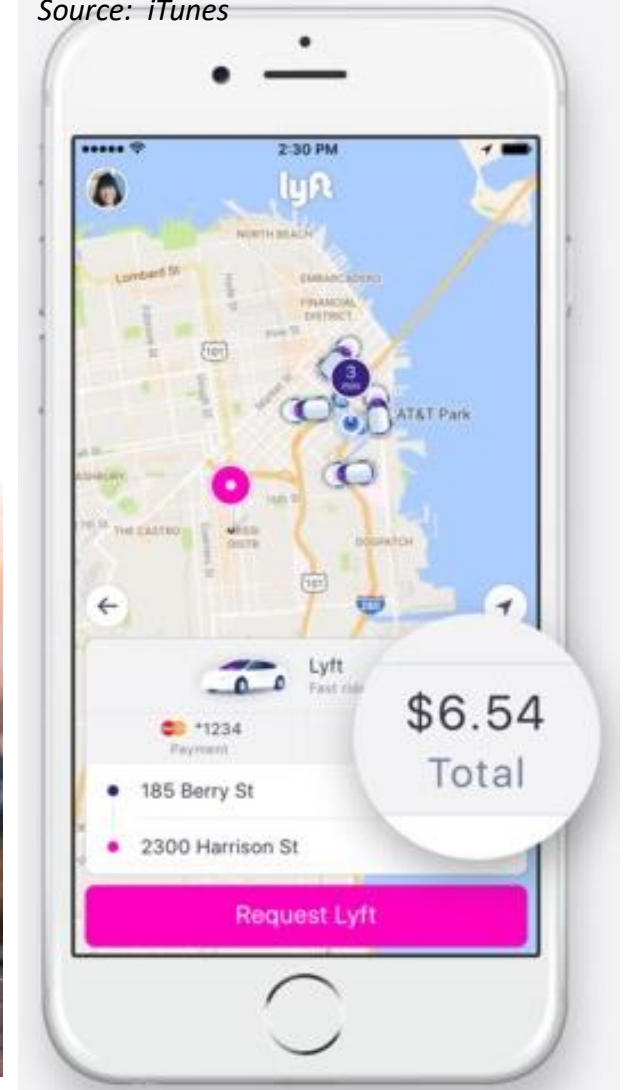
# Changing How We Use Vehicles

- Connected,
- Automated,
- Subscription/Shared, and
- Electric

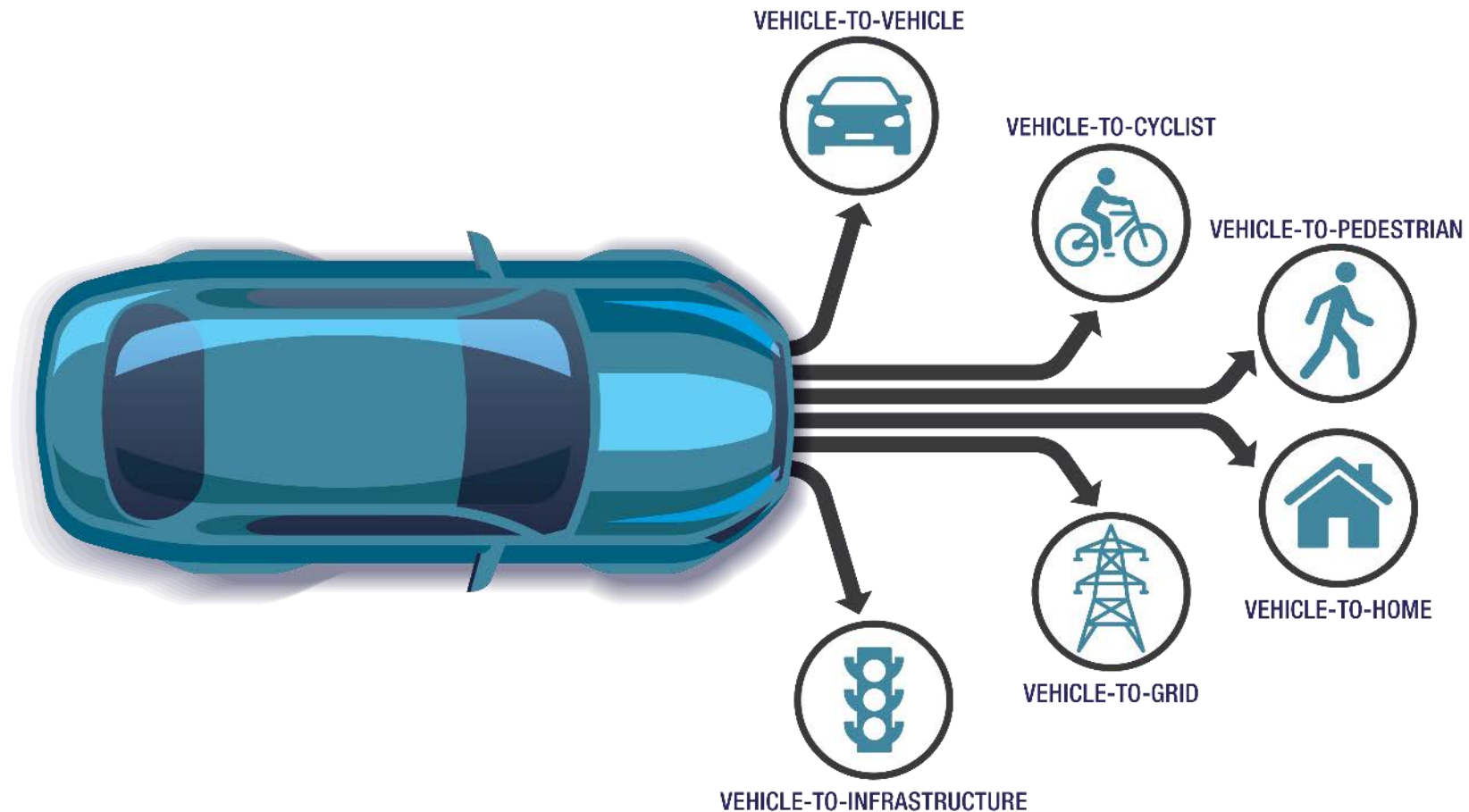


Google "Gumdrop" vehicle, from CNET

Source: iTunes



# Connected Vehicles (CV)

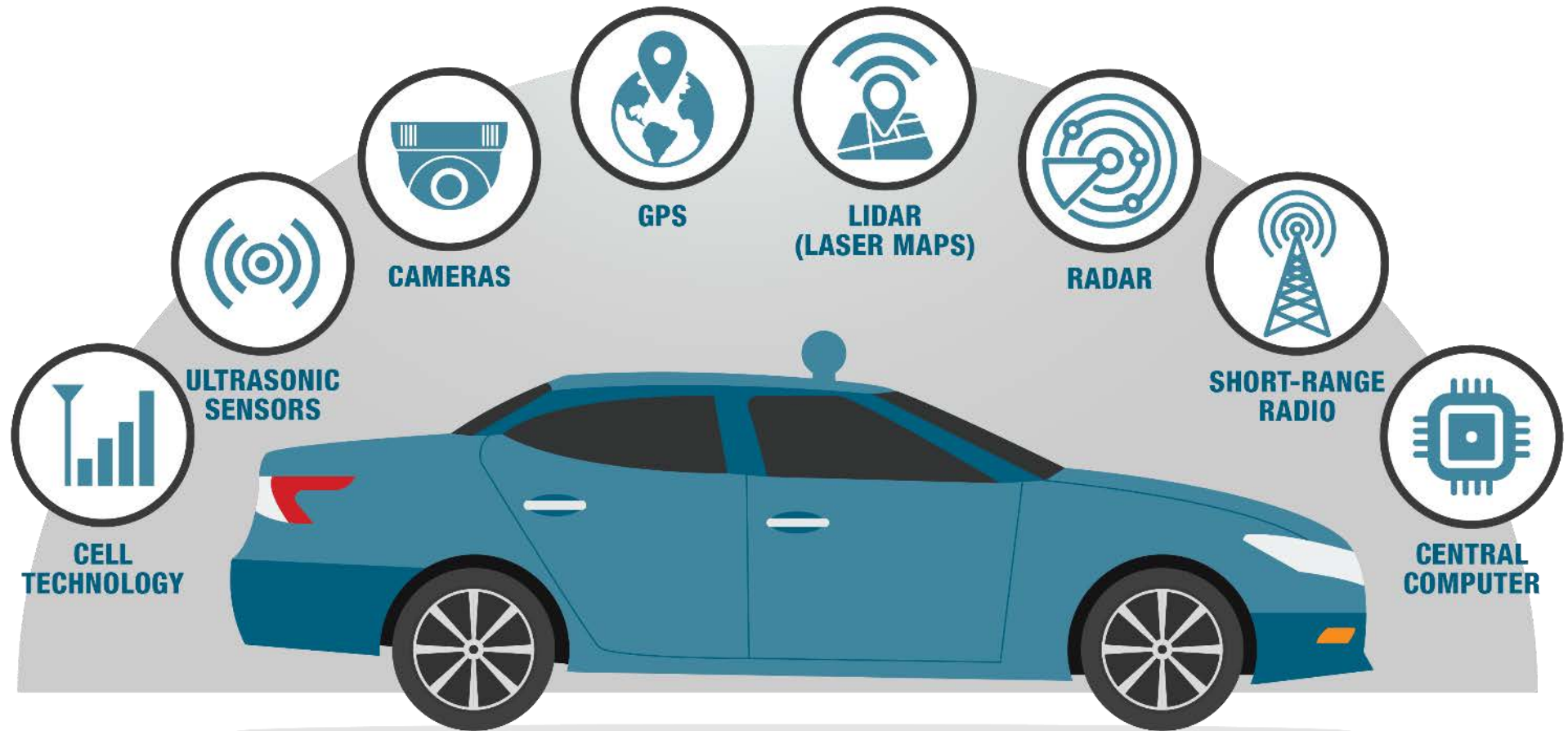




# Connected Vehicle Applications

- Signal Timing Display
- Intersection Interaction
- Red-Light Running
- Virtual DMS
- Curve Speed Warning
- Road Weather Warning
- Transit Priority
- Emergency Vehicle Priority
- School Zone Beacons
- Wrong Way Driving
- Railroad Crossing
- Rear End Collision Warning
- Work Zone Warning
- Active Pedestrian in Crosswalk
- Parking Information
- And More!

# Autonomous Vehicle (AV)



# Levels of Automation





# How Does This Work?



# CAVs Can Be Another Form of Shared Mobility



# Electrification/Electric Vehicles (EV)



## **HYBRID**

*Ford C-Max,  
Toyota Prius*

Alternates gas engine/electric motor for higher gas mileage. No plug-in required.



## **PLUG-IN HYBRID**

*Chevy Volt,  
Toyota Prius Prime*

Primarily runs on electricity with a gas engine for backup.



## **ELECTRIC**

*Nissan Leaf,  
Chevy Bolt EV, Tesla*

Runs on battery power only.

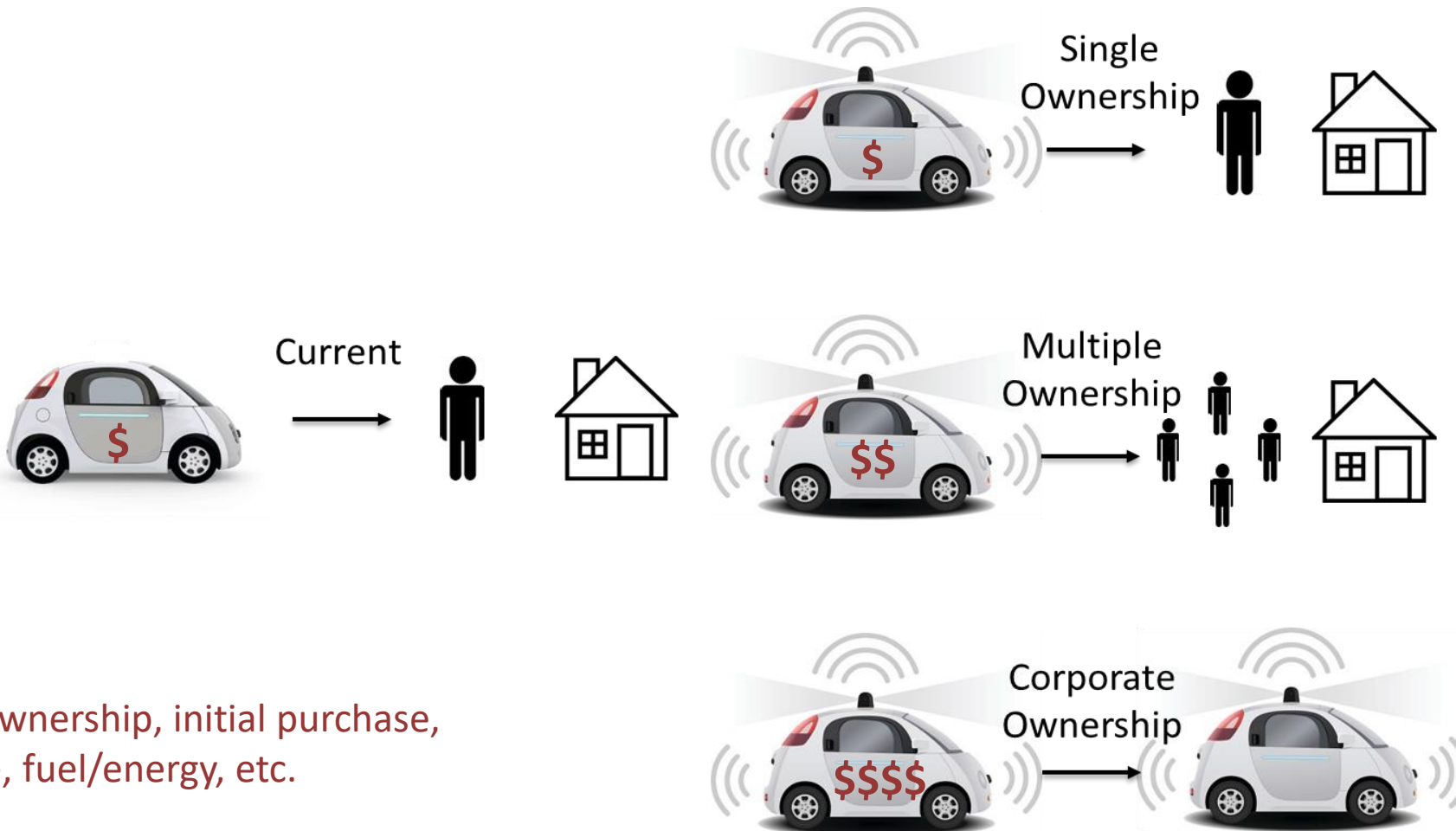
# When Will Automated Vehicles Be in Widespread Use in North Carolina?

## **Maybe sooner than later**

- Driverless testing is expanding both in geography and companies
- California has 8 different companies approved to do Driverless Testing on their roadways
- California will continue to approve companies for driverless deployment
- The continued growth in automated delivery devices and personal delivery devices
- People are paying for driverless rides in some cities
- The continued operation of driverless shuttles such as the one at the Wright Brothers National Park
- Trucks are already self driving in industrial mining sites
- Self-driving trucks are becoming more prevalent



# With CAVs We Will Likely Need Fewer Cars



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



# 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>

# 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:

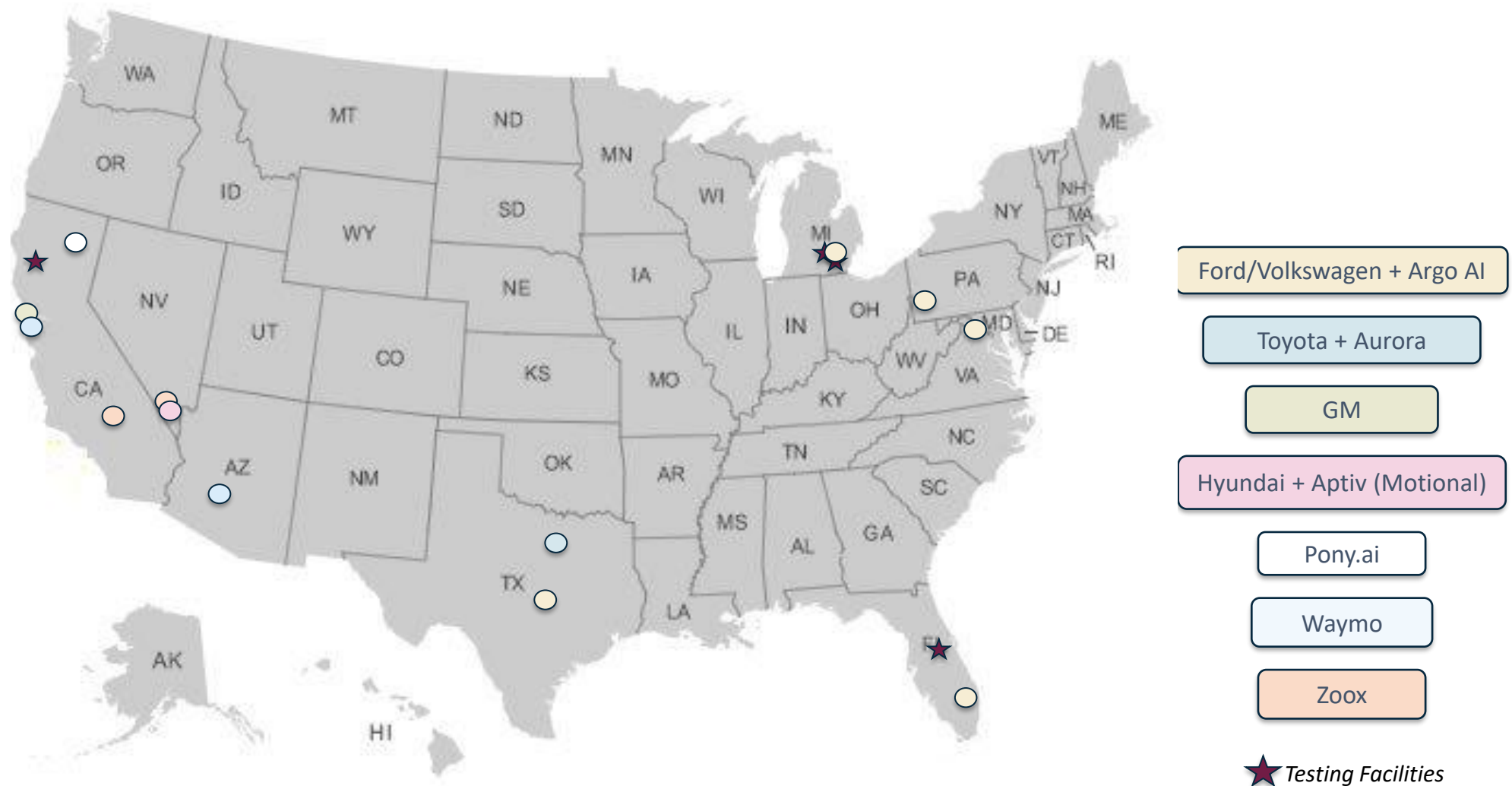
*"As we have stated consistently, no vehicle available for purchase today is capable of driving itself. The most advanced vehicle technologies available for purchase today provide driver assistance and require a fully attentive human driver at all times performing the driving task and monitoring the 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>

# Where Are CAVs Testing?



# Around the Country

## Freight

- **Platooning**
  - PA-OH-MI
- **AV Hauling**
  - Sun Belt States
- **Fleet Management**
  - Aurora Beacon
- **Hub-Hub**
  - Volvo & DHL

## Electrical

- **Charging Highway**
  - Detroit, MI

## CV Test Beds

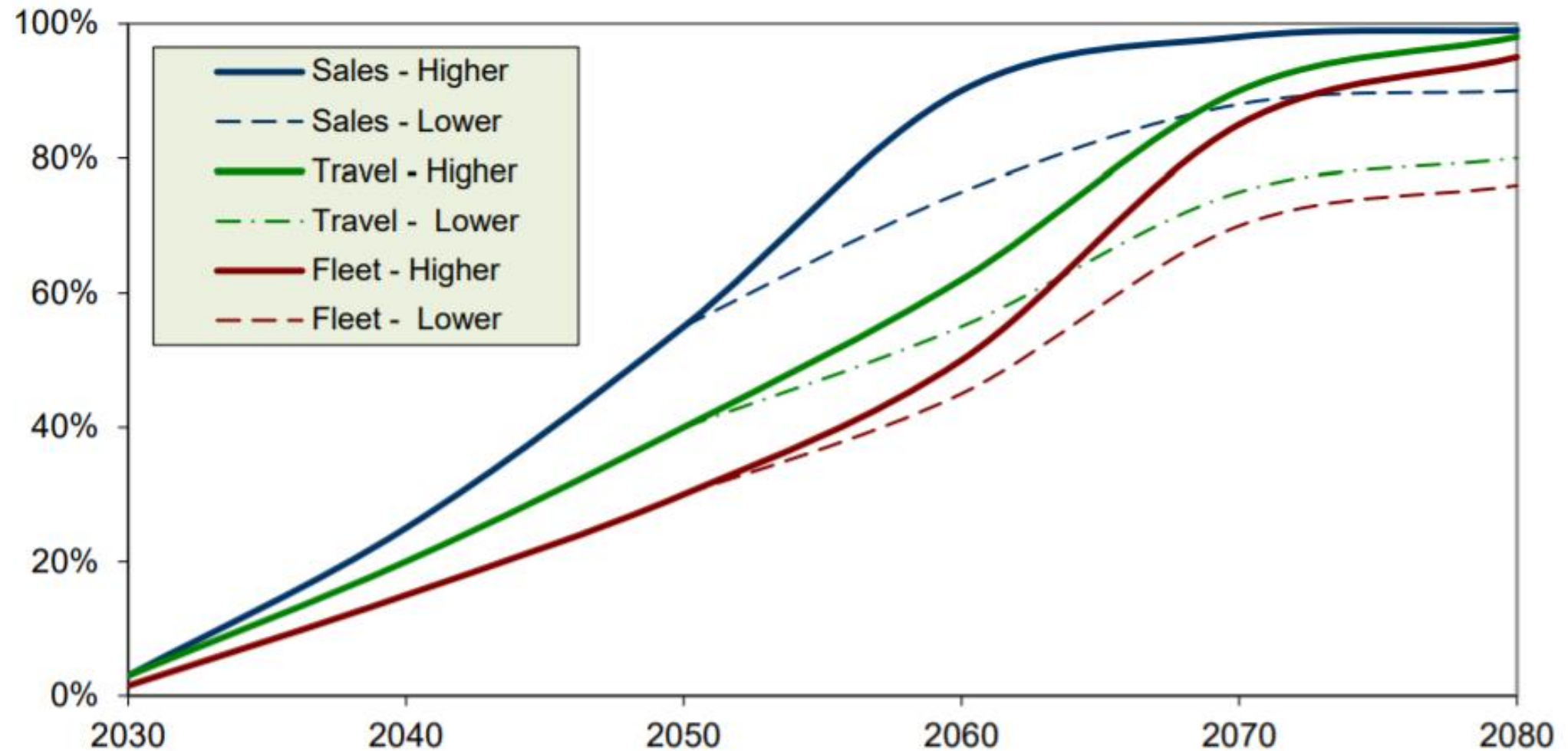
- **Real-World Open**
  - Novi, MI
  - Wyoming
  - Tampa, FL
  - New York City, NY
  - Arizona
  - California
- **Smart Corridors**
  - Atlanta, GA
  - Detroit, MI
  - Indiana
  - VA Smart Roads
  - Madison, WI
  - Ohio

## AV Test Sites

- **Proving Grounds**
  - Pittsburgh, PA
  - Texas
  - Aberdeen (D.C./VA)
  - Detroit, MI
  - Contra Costa Co, CA
  - San Diego, CA
  - Iowa City, IA
  - Wisconsin
  - Central Florida
  - NC 540 – North Carolina



# Recent CAV US Adoption Forecast



# Quick Adoption Because...

- Safer
- Cheaper
- Benefits to groups of consumers
  - Older, younger, disabled, low-income, ...
- Technologies adopted quicker
- Manufacturer plans
- Little new infrastructure needed

# Potential Challenges Could Be...

- Technology to achieve level 5 not quite around the corner
- Federal and State legislation and regulation
- NHTSA exemption process
- Public skepticism
- Liability and insurance concerns
- Too long to turn over the fleet



# NCDOT Encourages CAV Adoption

- SAFETY!!
  - *NHTSA source: 94% of accidents involve human error*
  - Reduce 1,600 fatal and 125,000 injuries per year
- Provides mobility for more citizens
- Reduces congestion

# Around the State (NC)

## NCDOT Partnerships

### • CV Projects

- EVAs on IMAP trucks
- Tethered UAV on IMAP
- Broadband Fiber Project
- Multi Modal CV Pilot (NCSU/Raleigh)
- Durham Signal Project – CV
- SPaT Challenge (Cary 2019)
- Town of Cary CV Project

### • AV Projects

- CASSI
- ITSA AV Demonstration
- City of Wilson Microtransit

## Research Opportunities

### • NC Transportation Center of Excellence

- Advanced Transportation Safety and Policy (TSAP)
- Mobility and Congestion
- NC Center for Automated Vehicles (NC-CAV)
- Leveraging Centers of Excellence
- Impacts of Autonomous Vehicle Technology on Transportation Systems (completed)

### ▪ Demand Adjustment Research

- Scenario Testing
- Guidance on CAVs in Travel Demand Models

## Organizations








### • AASHTO CV and AV Working Group

- ACV/CAT Policy Principles

### • NHTSA AV Project Tracking Website

- Tracking Test Initiatives

# Legislative Activity in NC

Mar 2017		<ul style="list-style-type: none"><li>• Senate Law Review</li></ul>
Aug 2017		<ul style="list-style-type: none"><li>• HB 716 (Platooning) becomes law</li></ul>
Dec 2017		<ul style="list-style-type: none"><li>• Vehicle Technology Day</li></ul>
Dec 2017		<ul style="list-style-type: none"><li>• HB 469 (FAV) becomes law</li></ul>
Mar 2018		<ul style="list-style-type: none"><li>• FAV Committee Kickoff</li></ul>
Jul 2020		<ul style="list-style-type: none"><li>• SB 739 (PDD) becomes law</li></ul>
Nov 2021		<ul style="list-style-type: none"><li>• HB 814 (Neighborhood Occupantless) becomes law</li></ul>

# Personal Delivery Device

A self driving device that can deliver items without a person operating the device



# State Law for Zero Occupant Vehicle

**Neighborhood occupantless vehicle.** – A low-speed vehicle that is also a fully autonomous vehicle, designed to be operated without an occupant and used to transport cargo. A fully autonomous vehicle is defined in G.S. 20-400.

Allows operation on certain roads and conditions:

- Only on streets and highways where the posted speed limit is 45 miles per hour or less.
- Must be operated in the right-hand travel lane or as close as practicable to the right-hand curb or edge of the street or highway, except when preparing for a left turn.
- On a highway with two travel lanes, the operator of the neighborhood occupantless vehicle must turn off the roadway to a controlled stop as soon as practicable and when it is safe to do so to allow faster moving vehicles to pass when passing is unsafe because of traffic in the opposite direction or other conditions and there are five or more vehicles immediately behind the neighborhood occupantless vehicle.

**Operator Defined.** – For the purposes of this section, an "operator" is a person that enables or controls, or is responsible for enabling or controlling, **with or without remote support**, the operation of a neighborhood occupantless vehicle.



# Pooled Fund Study: Capacity Adjustments

- Ten states, including NC, contributed money and time to pooled fund study
- Led by Oregon DOT, 2018-2022
- Contractor was Kittelson in Wilmington, NC
- For freeways, road segments, and intersections
- Final report posted at  
<https://www.oregon.gov/odot/Programs/ResearchDocuments/CAVinHCMPhase1-2.pdf>

# Example Result

## Signalized Through Movement

Proportion of CAVs in Traffic Stream	Saturation Flow Adjustment Factor
0	1.00
20	1.05
40	1.13
60	1.18
80	1.34
100	1.52

*Factors included in latest edition of national “Highway Capacity Manual”*

# What's Next for NCDOT Projects?

- Do roadway designs change?
  - Intersections, driveways, curves, barriers,...
- CAV-priority facilities?
- Pavement and bridge designs?
- Freight facilities?
- Lighting?
- Noise walls?
- Traffic control devices?



# Bigger Picture--Needed Actions

- Federal legislation and regulation on vehicles
- State legislation
  - NCDOT funding, CAV companies share data
- Local governments
  - Planning, land use changes, parking, curb management
- Courts (liability)
- Education of public
- Train people for new businesses
- More research and implementation

# Questions?

Contact:

Kevin Lacy  
[jklacy1@ncdot.gov](mailto:jklacy1@ncdot.gov)  
(919) 707-2825

Joe Hummer  
[jehummer@ncdot.gov](mailto:jehummer@ncdot.gov)  
(919) 814-5040



# INSPECTOR GENERAL COMMITTEE MEETING MINUTES

DATE: 08-10-22 TIME: 10:45 am LOCATION: Microsoft TEAMS or EIC Room

MEETING CALLED BY	Vice Chair Molamphy
BOARD ATTENDEES	Pat Molamphy, Billy Clarke, Dirk Cody, Melvin Mitchell, Allen Moran. Others attending via TEAMS: Hugh Overholt, Valerie Jordan.

## AGENDA TOPICS

1. Call to Order, Roll Call, Declaration of Quorum, Non-Conflict Statement and Consideration of the May 4, 2022 Meeting Minutes – Vice Chair Molamphy	
DISCUSSION SUMMARY	<p>Vice Chair Molamphy called the <i>Inspector General Committee Meeting</i> to order.</p> <p>Vice Chair Molamphy asked if everyone had read the minutes. Billy Clarke motioned that the minutes be approved. Dirk Cody seconded the motion. Motion carried.</p> <p>Vice Chair Molamphy did a roll call and determined that a quorum was present.</p> <p>Vice Chair Molamphy recognized Lonnetta Raynor (Inspector General) and turned the meeting over to her.</p>
ACTIONS TAKEN	NONE TAKEN
2. OIG Updates – Lonnetta Raynor and Wayne Davenport	
DISCUSSION SUMMARY	<p>Lonnetta Raynor provided the Committee the following updates:</p> <p><u>Staffing:</u></p> <ul style="list-style-type: none"> <li>✚ Two Auditor II positions have been filled</li> <li>✚ One Auditor III position has been filled</li> <li>✚ Internal Audit is fully staffed now</li> <li>✚ Currently two vacancies in the <i>Consultant Utility Railroad Utility</i> (CURT) unit; hope to hire soon</li> </ul> <p><u>Engagements/Audits:</u></p> <ul style="list-style-type: none"> <li>✚ <i>CARES Act Grants</i> engagement for <i>Aviation</i> has been completed and submitted. There is another portion of the <i>CARES Act Grants</i> engagement that is still ongoing but hope to have completed soon.</li> <li>✚ The <i>CARES Act Grants – Aviation</i> had minimal issues and management has responded.</li> <li>✚ Pat Molamphy asked if any portion of the <i>CARES Act Grant</i> had to go to the federal government. Lonnetta responded that the audit itself did not have to go directly up to the federal government, but we will follow anything we need to do regarding any legislation.</li> </ul>



## INSPECTOR GENERAL COMMITTEE MEETING MINUTES

- ✚ We had two other outside engagements conducted on NCDOT: one was the Financial Statement engagement by the Office of State Auditor with no issues.
- ✚ **Enhancing Accountability in Government through Leadership and Education (EAGLE)** engagement for state agencies has been completed:
- ✚ Results from the EAGLE engagement – no financial issues; no compliance issues; IT issues were determined that will be corrected.

### Upcoming:

- ✚ **Annual Audit Risk Assessment** – questionnaires and surveys to management asking what areas they consider at risk.
- ✚ **Annual Audit Plan** – after reviewing the Audit Risk Assessment and Scoring the risk areas, a list of potential engagements is documented but subject to change as needed.
- ✚ **Self-Assessment Maturity Model (SAMM)** – allows internal audit programs to evaluate themselves based upon the Institute of Internal Auditors Standards.

### Auto Audit Software Demo:

- ✚ Wayne Davenport gave a brief overview of the newly purchased Auto Audit software along with screen shots from the User Guide explaining the various capabilities and flexibilities of the software.
- ✚ Allen Moran asked about bringing archived information into the system. Wayne informed that any documents could be quickly and easily dragged and dropped into Auto Audit.
- ✚ Pat Molamphy asked if the statute of limitations could be entered into the system when setting up an audit. Wayne stated that it could be done by taking advantage of the flexibility of any dates entered.
- ✚ Pat Molamphy asked about follow up to management's responses: Wayne insured that the system would allow dates to be entered to remind and that follow up would take place.
- ✚ Pat Molamphy asked if the State Auditors Office would have access to the system when doing their audits. Both Lonnetta and Wayne informed that they would not. However, any information needed, could be provided.
- ✚ Melvin Mitchell asked if this software would help expedite production. Lonnetta and Wayne stated that all indications are that it will. Wayne also added that on the back end, data and statistics will be quickly available.
- ✚ Billy Clarke asked how data is entered into the system. Wayne informed that you have to enter it or drag & drop. There is also an Import and Export feature which accomplishes the same thing.

### Closing:

- ✚ Billy Clarke asked again about the SAMM's Tool. Lonnetta stated that she just became familiar with it last year and provided additional information.
- ✚ Bill Clarke also asked about the Inspector General Committee members having access to the upcoming Audit Plan just to review and see what engagements we plan to conduct. Lonnetta and Wayne both stated that this can be provided. Should have this completed soon.



## INSPECTOR GENERAL COMMITTEE MEETING MINUTES

	<ul style="list-style-type: none"> <li>✚ Allen Moran asked what the Risk Assessment was based on. Wayne and Lonnetta stated that the Risk Assessment is based on results of surveys and questionnaires from management regarding areas in their shops that they deem high risk. We take a look at the responses &amp; score them to determine our plan. The areas subject to audit is anything: financial, compliance, IT, security, legal, operations, etc.</li> <li>✚ Billy Clarke asked when would we know what areas OIG plans to audit for this year. Lonnetta and Wayne stated very soon.</li> <li>✚ Pat Molamphy asked if we are getting good cooperation when auditing? Lonnetta and Wayne both responded yes.</li> </ul>
ACTIONS TAKEN	NONE TAKEN
3. Adjournment – Vice Chair Molamphy	
ACTIONS TAKEN	Vice Chair Molamphy asked for a motion to adjourn the August 10th, 2022 meeting. Billy Clarke made a motion. Allen Moran seconded. Motion carried.



## INSPECTOR GENERAL COMMITTEE MEETING AGENDA

### BOARD OF TRANSPORTATION NOVEMBER 2, 2022

TIME: 10:30AM – 11:45AM

LOCATION: EIC ROOM

TOPIC	PRESENTER	TIME
Welcome Call to Order Roll Call Declaration of Quorum Approval of August 10, 2022 Meeting Minutes	Andy Perkins, Chair	5 minutes
Introduction of Inspector General, Lonnetta Raynor	Andy Perkins, Chair	5 minutes
<ul style="list-style-type: none"><li>• Status of OIG (August 10, 2022 – Present)</li><li>• Staffing Updates</li><li>• Audit Report(s) completed – CARES ACT</li><li>• AASHTO Internal Audit CPE Training</li><li>• New consultant with Single Audit – 08-11-22</li><li>• Action Items:<ul style="list-style-type: none"><li>○ Audit Plan</li><li>○ SAMM's Tool</li></ul></li><li>• Future Action for 2023 – Charter Revision</li><li>• Questions</li></ul>	Lonnetta Raynor, Inspector General	30 minutes
Adjourn	Andy Perkins, Chair	5 minutes



# MULTI-MODAL TRANSPORTATION COMMITTEE MEETING MINUTES

DATE: September 7, 2022

TIME: 3:37 PM

LOCATION: EIC ROOM  
1 S Wilmington Street  
Raleigh, NC 27607  
Virtual/Microsoft Teams

MEETING CALLED BY	Chair Lisa Mathis
BOARD ATTENDEES	Board Member Brad Lail, Board Member Landon Zimmer, Board Member Leo Daughtry, Board Member Merrie Jo Alcock, Board Member Allen Moran, and Board Member Tony Lathrop

## AGENDA TOPICS

1. Call to Order, Roll Call, Declaration of Quorum, Non-Conflict Statement and Consideration of the August 10, 2022, Meeting Minutes – Chair Mathis	
DISCUSSION SUMMARY	Chair Mathis called the Multi-Modal Committee to order and asked for a motion to approve the August 10, 2022, minutes as distributed.
ACTIONS TAKEN	A motion to approve August 10, 2022, minutes as distributed was made by Board Member Zimmer and seconded by Board Member Daughtry.  The Committee approved the meeting minutes unanimously.
2. Multi-Modal Funding Items (BIKE-PED, AVIATION, AND RAIL) – Multi-Modal Directors	
DISCUSSION SUMMARY	Information was presented by the Integrated Mobility Division (IMD) Director, Aviation Division Director, and Rail Division Director.  All funding items were recommended for approval by the Multi-Modal BOT Committee for Bike-Ped, Aviation, and Rail Division.
ACTIONS TAKEN	Motion to approve Bike-Ped, Aviation, and Rail funding items was made by Board Member Moran and seconded by Board Member Alcock.  The Committee approved the funding items unanimously.
3. Multi-Modal Updates – Julie White, Deputy Secretary for Multi-Modal Transportation	
DISCUSSION SUMMARY	Ms. White provided updates from the modes including grant announcements, awards received, passenger ferry success, and Aviation State Capital Infrastructure Fund release.
ACTIONS TAKEN	None Taken
4. Presentations – Ryan Brumfield, IMD Director, NCDOT'S Integrated Mobility Division Update	



# MULTI-MODAL TRANSPORTATION COMMITTEE MEETING MINUTES

DISCUSSION SUMMARY	The Integrated Mobility Division shared updates on key initiatives and activities, including the Equity and Transportation Disadvantage Mapping tool released last month, the Great Trails State Plan released in July, ongoing Transit Visioning Workshops occurring across the state, and several new or expanding multimodal planning programs. They also shared updates on complete streets implementation, FY 2023 state and federal transit funding, and key innovations led by IMD, including the CASSI autonomous shuttle program and on-demand micro transit deployments.
ACTIONS TAKEN	None Taken
5. Adjournment – 4:24 PM	
ACTIONS TAKEN	A motion to adjourn was made to adjourn by Board Member Daughtry and seconded by Board Member Moran.





# MULTI-MODAL TRANSPORTATION COMMITTEE MEETING AGENDA

BOARD OF TRANSPORTATION  
WEDNESDAY, NOVEMBER 2, 2022

TIME: IMMEDIATELY FOLLOWING THE ATC AND WORKFORCE COMMITTEE MEETINGS

LOCATION: NC DEPARTMENT OF TRANSPORTATION HIGHWAY BUILDING  
ROOM EIC

Members of the Board will participate in Room EIC or via Microsoft Teams.

TOPIC	PRESENTER	TIME
Welcome Call to Order Roll Call Declaration of Quorum Approval of September 7, 2022, Meeting Minutes Opening Remarks	Lisa Mathis, Chair	5 Mins
Funding Items	Multi-Modal Directors	5 Mins
Multi-Modal Update	Julie White Deputy Secretary for Multi-Modal Transportation	5 Mins
S-Line Rail Corridor Update	Ryan Brumfield Director of Integrated Mobility Division Jason Orthner Director of Rail Division	30 Mins
Q & A	Multi-Modal Committee Members	10 Mins
Adjourn	Lisa Mathis, Chair	5 Mins



## **NORTH CAROLINA**

Department of Transportation



# S-Line Rail Corridor Updates

Jason Orthner, P.E., CPM  
Director, Rail Division

Ryan Brumfield, P.E.  
Director, Integrated Mobility Division

November 2, 2022

# Agenda



What is the S-Line? Why is it important?



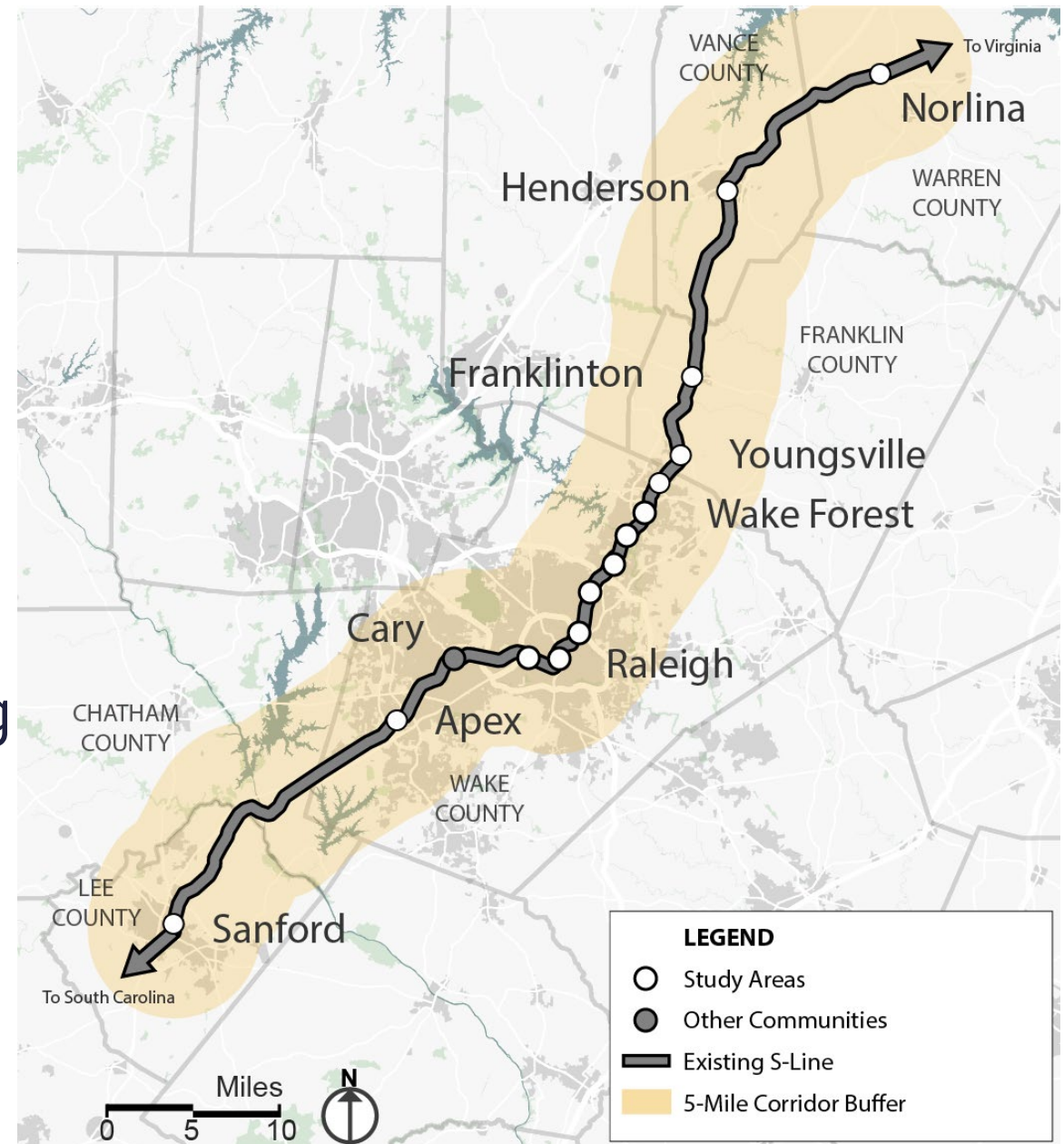
Current Activities



TOD and Mobility Hub Planning



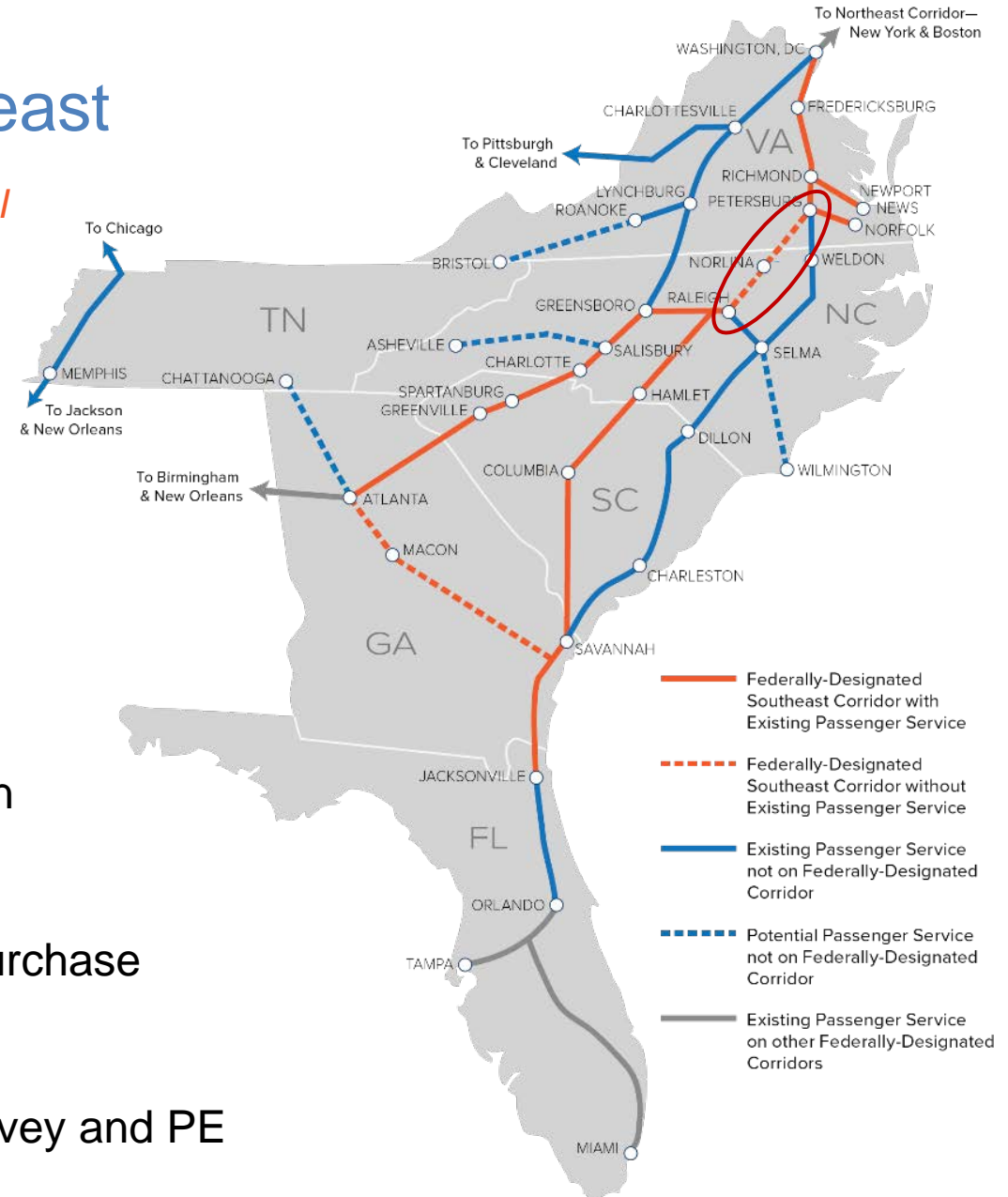
Funding and Next Steps



# The S-Line – Gateway to the Southeast

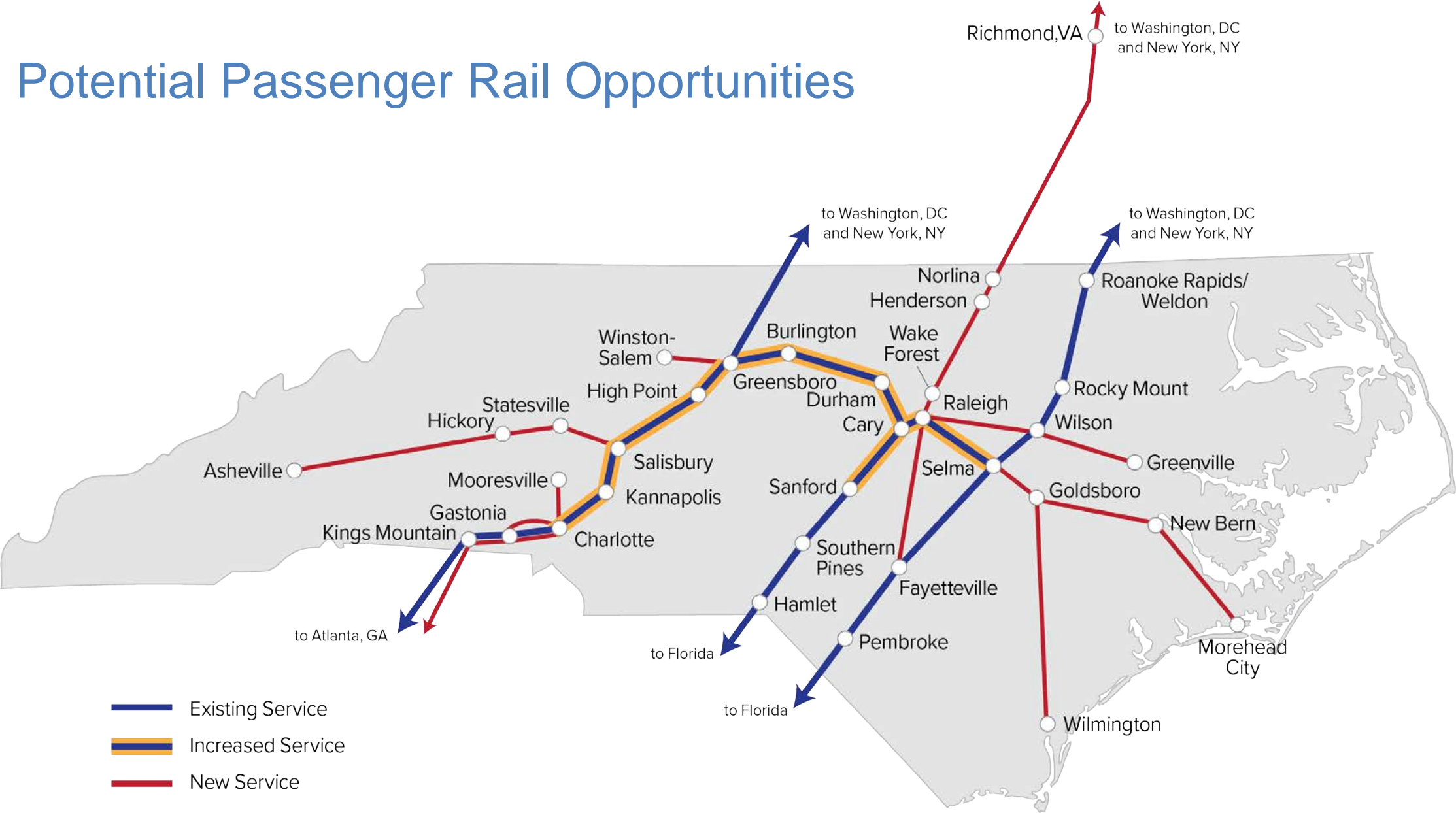
*The corridor represents the only opportunity to create additional capacity and connect the Southeast and Northeast with regular high performance rail service as other North-South corridors are reserved for high volume freight.*

- 1992 FRA designated the Southeast Corridor
- ↓
- 2002 Charlotte to DC Tier I Record of Decision
- ↓
- 2017 Raleigh to Richmond Tier II Record of Decision
- ↓
- 2020 NCDOT wins \$48M CRISI grant for corridor purchase
- ↓
- 2022 NCDOT / VPRA win \$58M CRISI grant for Survey and PE





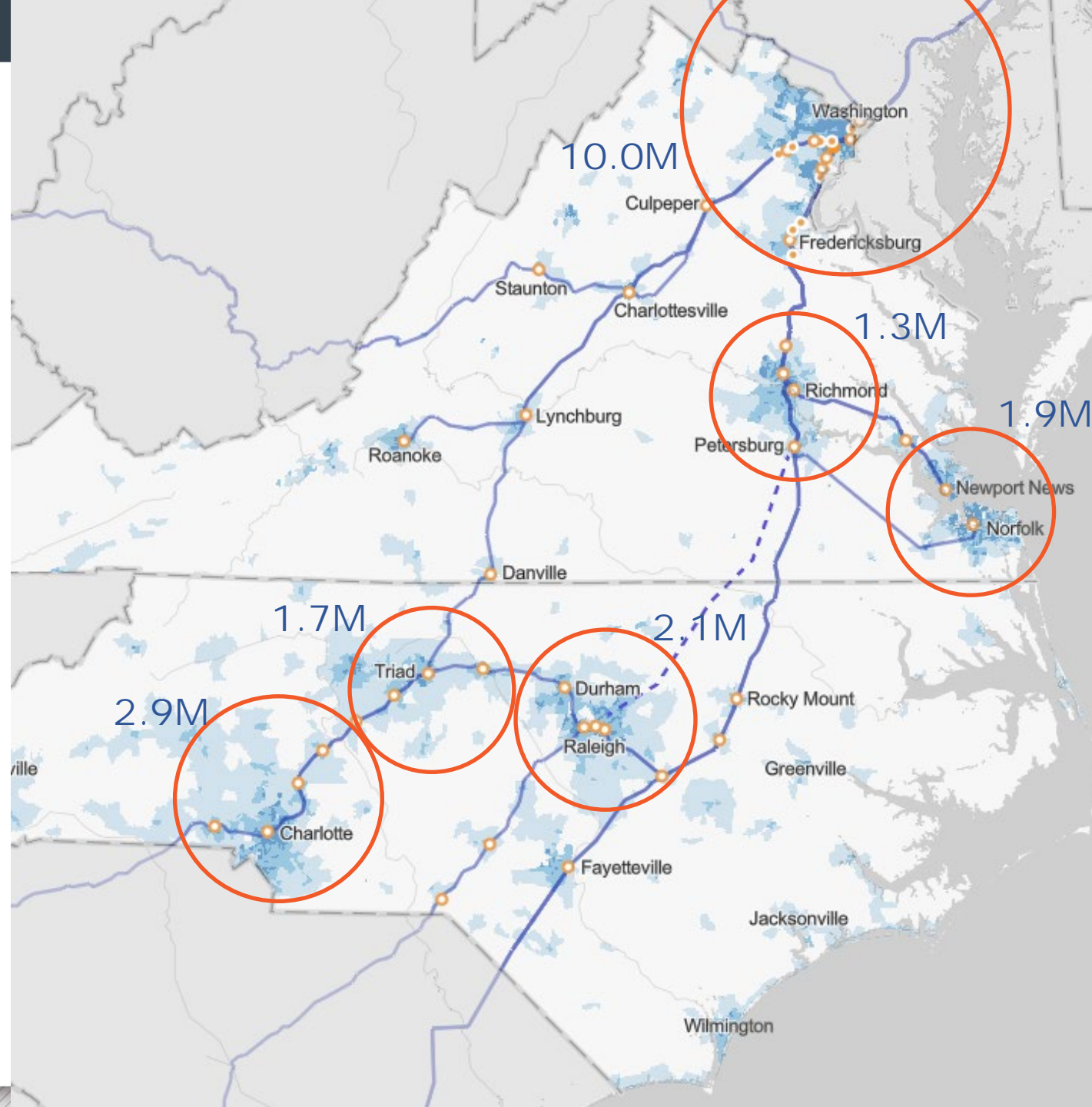
# Potential Passenger Rail Opportunities



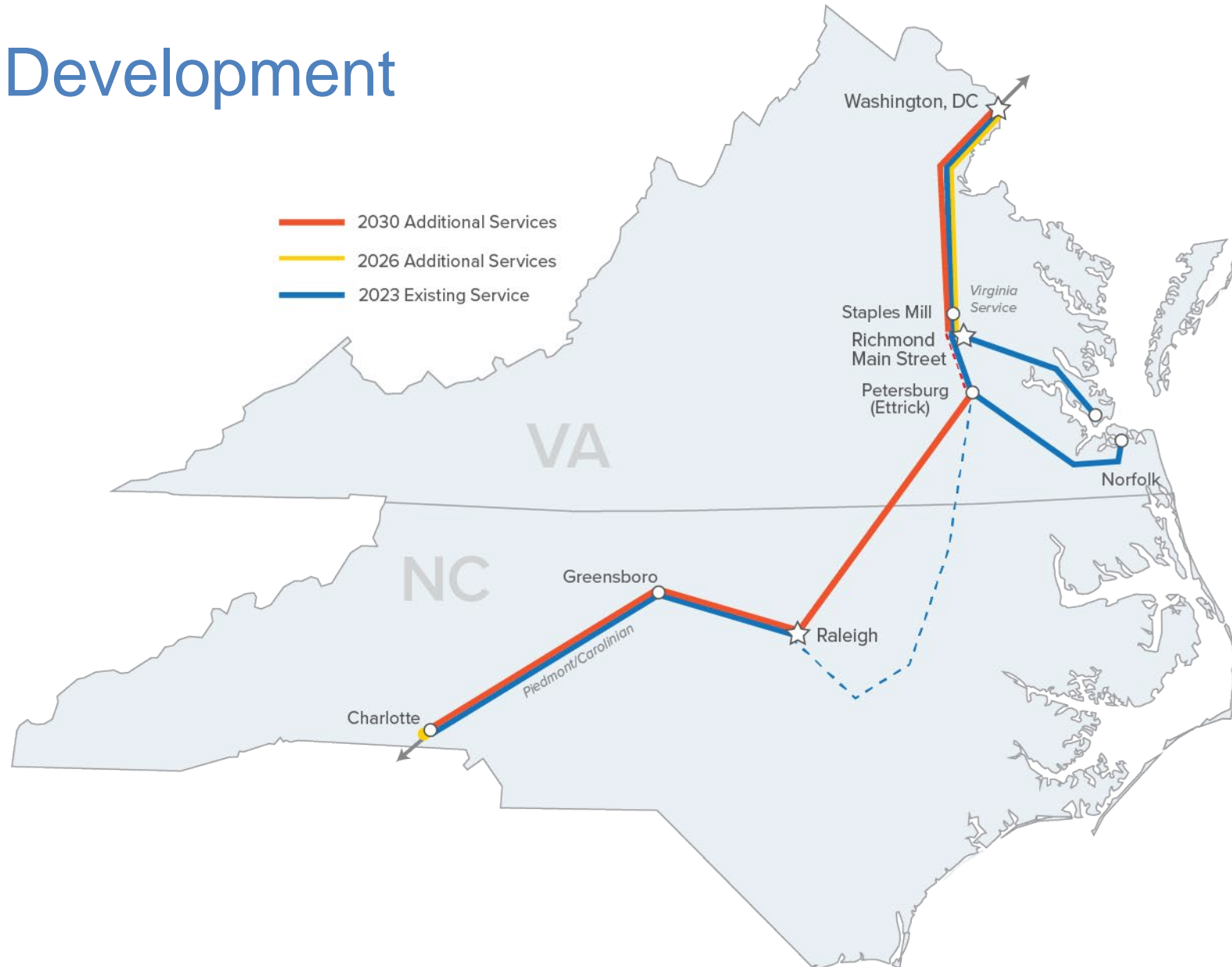
Towns shown are for geographical reference only and do not represent station locations.

## Regional Benefits: New Service Goals

- Direct connection between urban centers – 20M people- estimated to be 25M by 2040
- Additional capacity and over an hour in travel time saved
- Backbone of regional multi-modal connectivity
- Critical to further expanding the NC passenger rail system
- Provides freight network resiliency
- Environmental benefits
- Expands service to disadvantaged and underserved regions



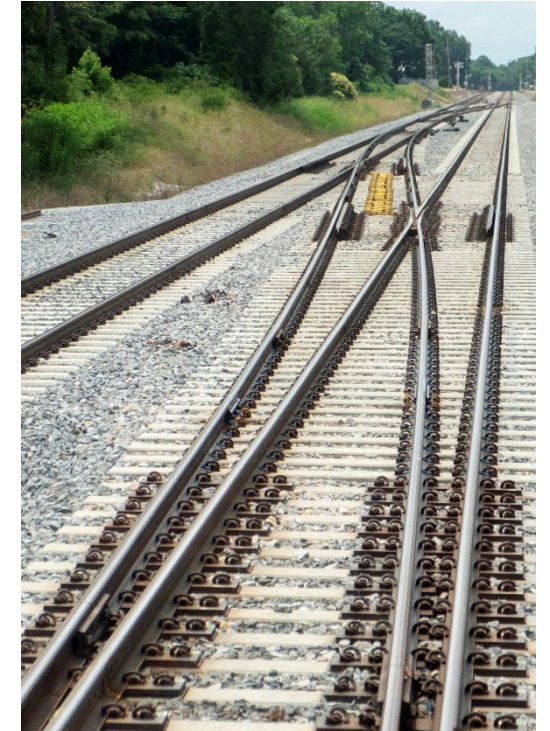
# Service Development





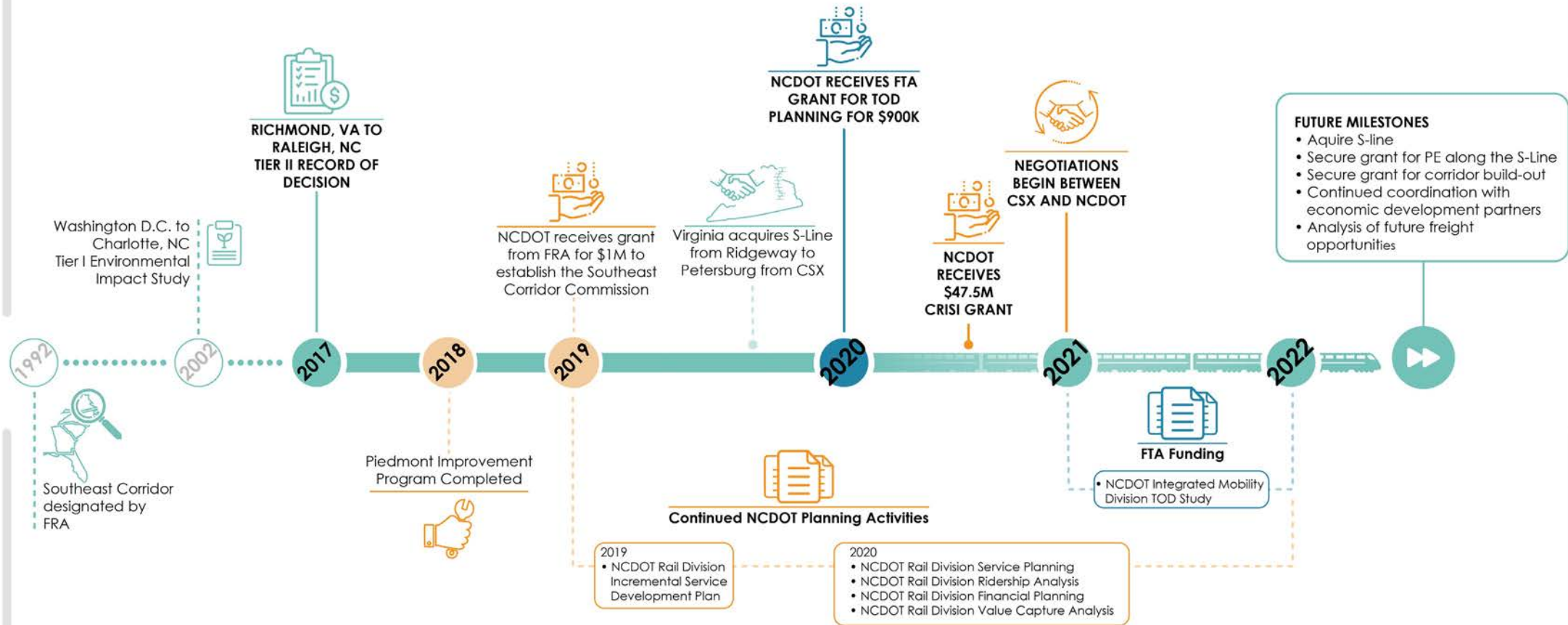
# We are building one of the most technologically advanced railroads in the Southeast

- 110 MPH passenger railroad
- 91 new grade separations
- Concrete ties
- High speed switches
- High level platforms
- Freight bypass tracks
- Positive Train Control
- Advanced signal systems





# S-LINE TIMELINE



# Why is the S-Line Important?

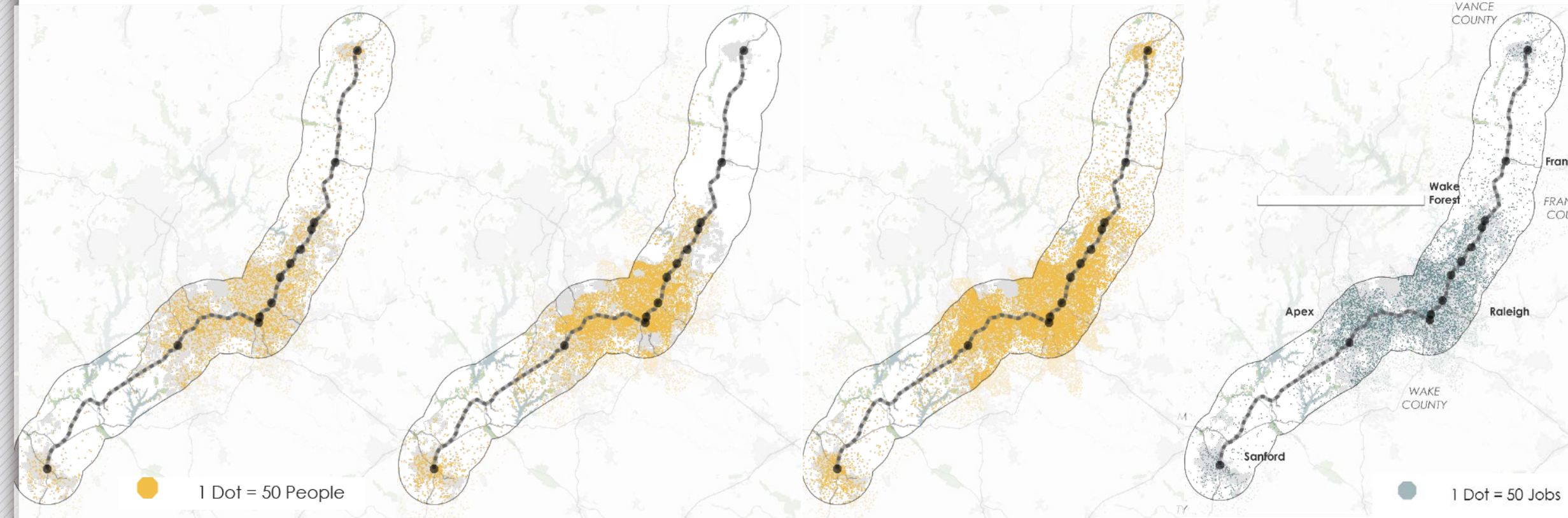
## Growth & Change

2000 Population

2010 Population

2019 Population

2019 Jobs



**40%** of people who live within the study corridor\*, also work within the study corridor.

**860K** residents within the study corridor. (That's 310,000 new residents since 2000.)

**440K** jobs within the study corridor

American Community Survey Population Estimates (2019); U.S. Census  
\* within 5-mile buffer of S-Line study corridor

## Why is the S-Line Important? *Where People Work & Live*



**34%** Residents in the study corridor  
live 25+ miles from work

**10,600** People who live in the study corridor,  
work within ½ mile of a TOD study area

**23%** Of those residents make less than  
\$1,250/month



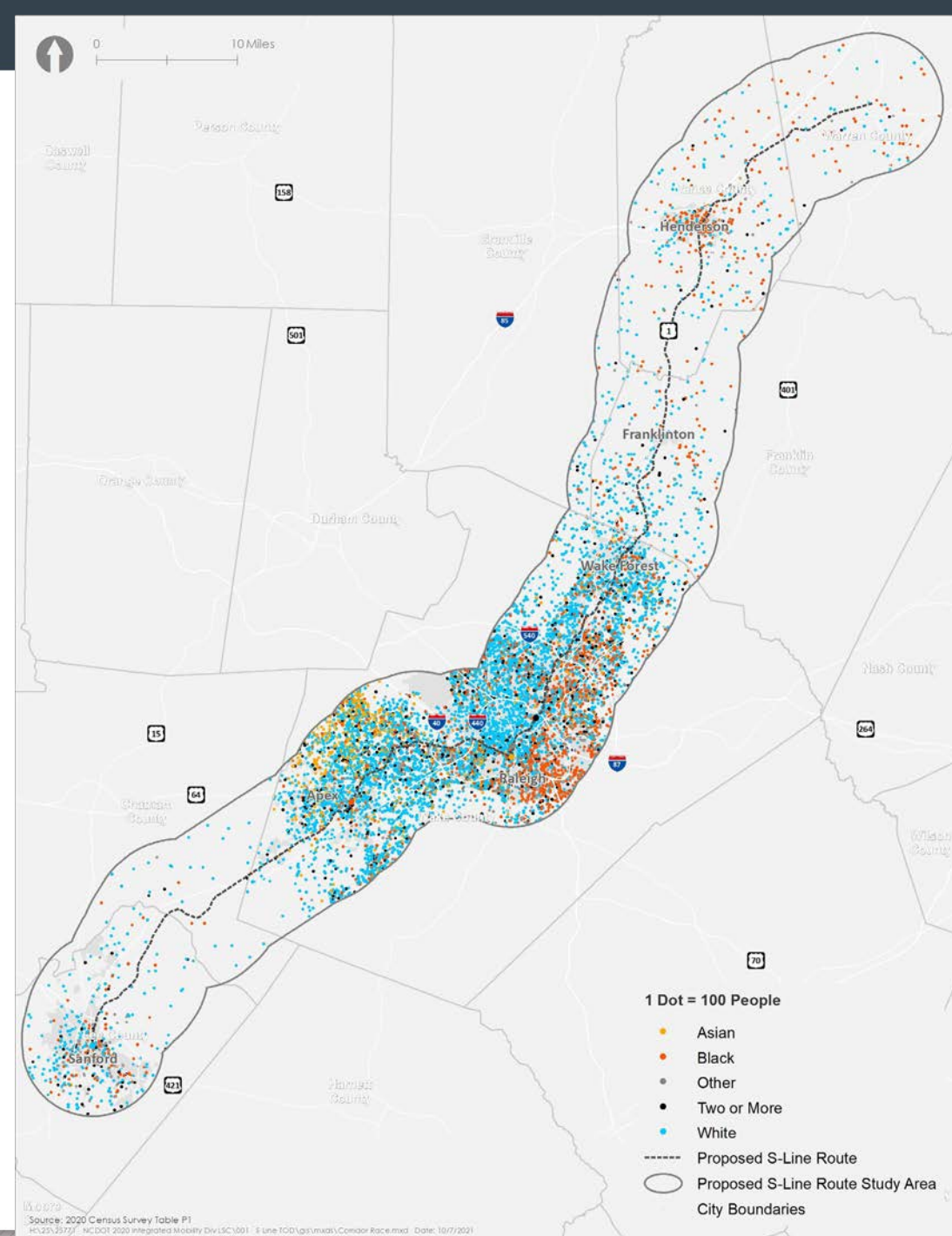
# Why is the S-Line Important?

## *Equity & Demographics*

**42%** Minority

**14%** 65-years & older

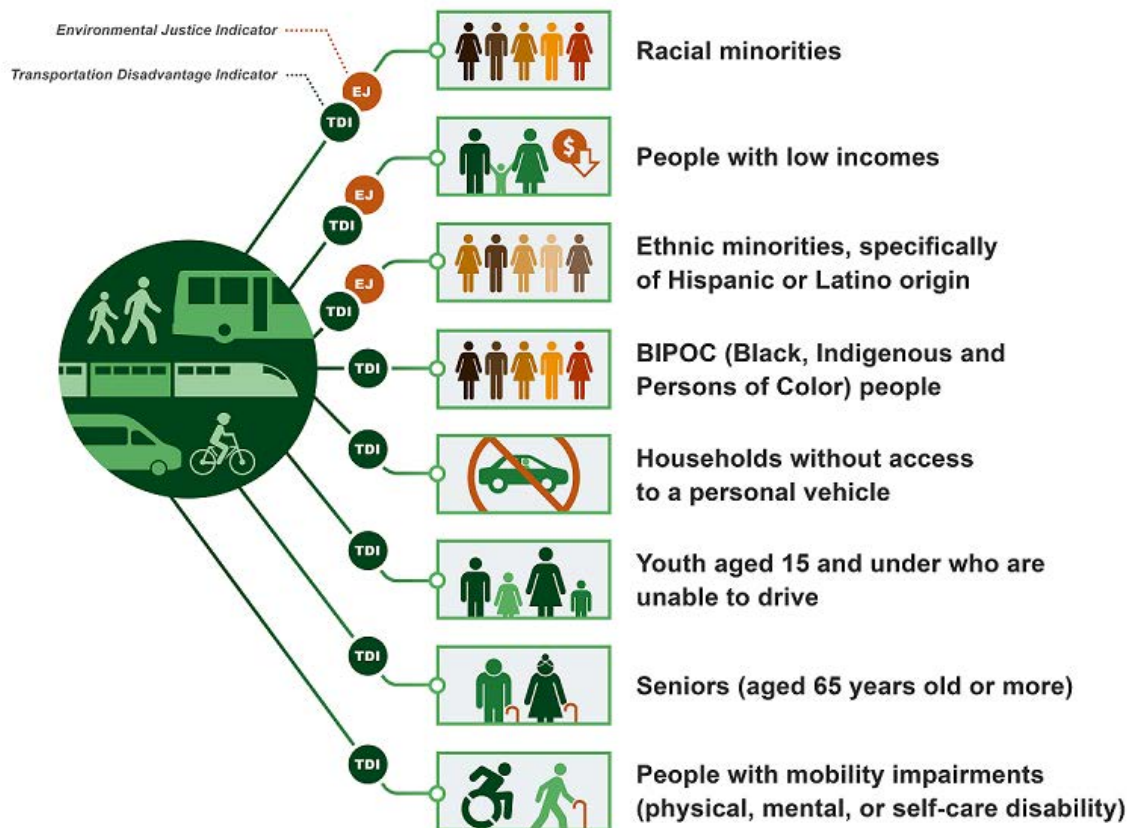
**14%** Low-income households



# Equity and Transportation Disadvantage Screening Tool

Transportation barriers and disadvantage may occur at the intersection of the following factors:

Each mapping tool has a specific purpose:



## EJ Index Score

Provides a score for a Census block group based on concentrations of ethnic and racial minorities and poverty status compared to state-wide averages.

## TDI Score

Provides a score for a Census block group based on concentrations of six factors compared to state-wide averages.

## EJ Dashboard & TDI Dashboard

Generates a dynamic score for a block group based on the selected index and geographic scale.



# Transportation Disadvantage Dashboard

Population Average for North Carolina

Age 15 and Under: <b>18%</b>	Age 65 and Over: <b>16%</b>	Poverty: <b>24%</b>	BIPOC Population: <b>31%</b>	Zero-Car Households: <b>6%</b>	Disability (Adult Population): <b>16%</b>
---------------------------------	--------------------------------	------------------------	---------------------------------	-----------------------------------	----------------------------------------------

Transportation Disadvantage Factors

Block Group ID: 371819605002

TDI Score, relative to State (max=18)	17
TDI Index Score, relative to County	15
TDI Index Score, relative to Division	17
TDI Index Score, relative to MPO	16
Age 15 and Under	30% (vs NC Average of 18%)
Age 65 and Over	22% (vs NC Average of 16%)
Poverty	67% (vs NC Average of 24%)
BIPOC Population	91% (vs NC Average of 31%)
Zero-Car Households	26% (vs NC Average of 6%)
Disability Prevalence (Adult Population)	35% (vs NC Average of 16%)

Transportation Disadvantage Index Scores



# Getting Communities Transit Ready

- NCDOT Integrated Mobility Division applied for an FTA TOD Planning Grant
- Awarded \$900,000
- 7 communities were financially contributing partners

*"Our community was **founded on rail** traffic in 1841. It is only natural that our resurgence is based on this same driving force for economic development, **connecting us to greater opportunities**. The regional cooperation and resulting benefit this project represents is government at its best."*

- Mayor Eddie Ellington, Henderson

Home » News » Press Releases » NCDOT Awarded Grant for Development Planning Near Passenger Rail Stations

## NCDOT Awarded Grant for Development Planning Near Passenger Rail Stations

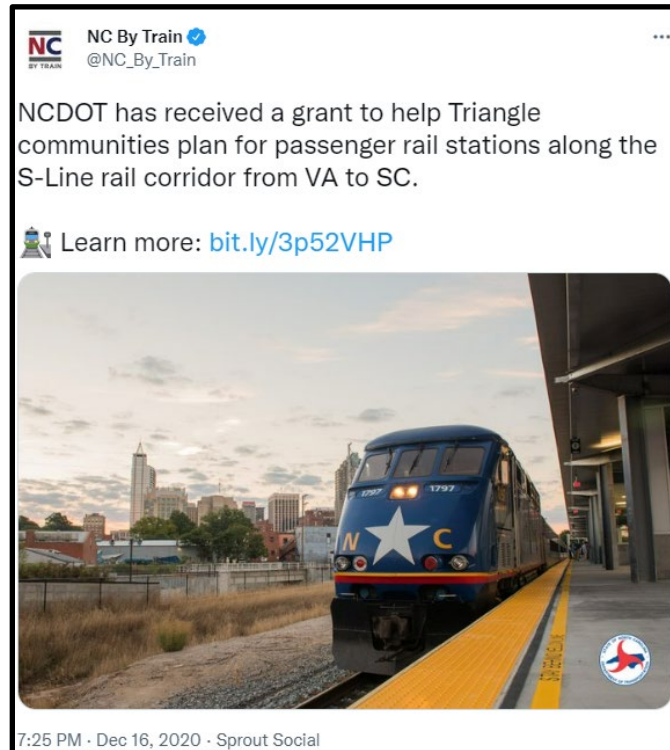
Federal funding will help communities plan for development on S-Line corridor

Published Date:

12/16/2020

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and the N.C. Department of Transportation's  
help Triangle area communities create plans

at the Virginia border, runs through

that understand how passenger rail service  
NCDOT's deputy secretary for Multimodal  
passenger rail to better connect rural and  
future projects."



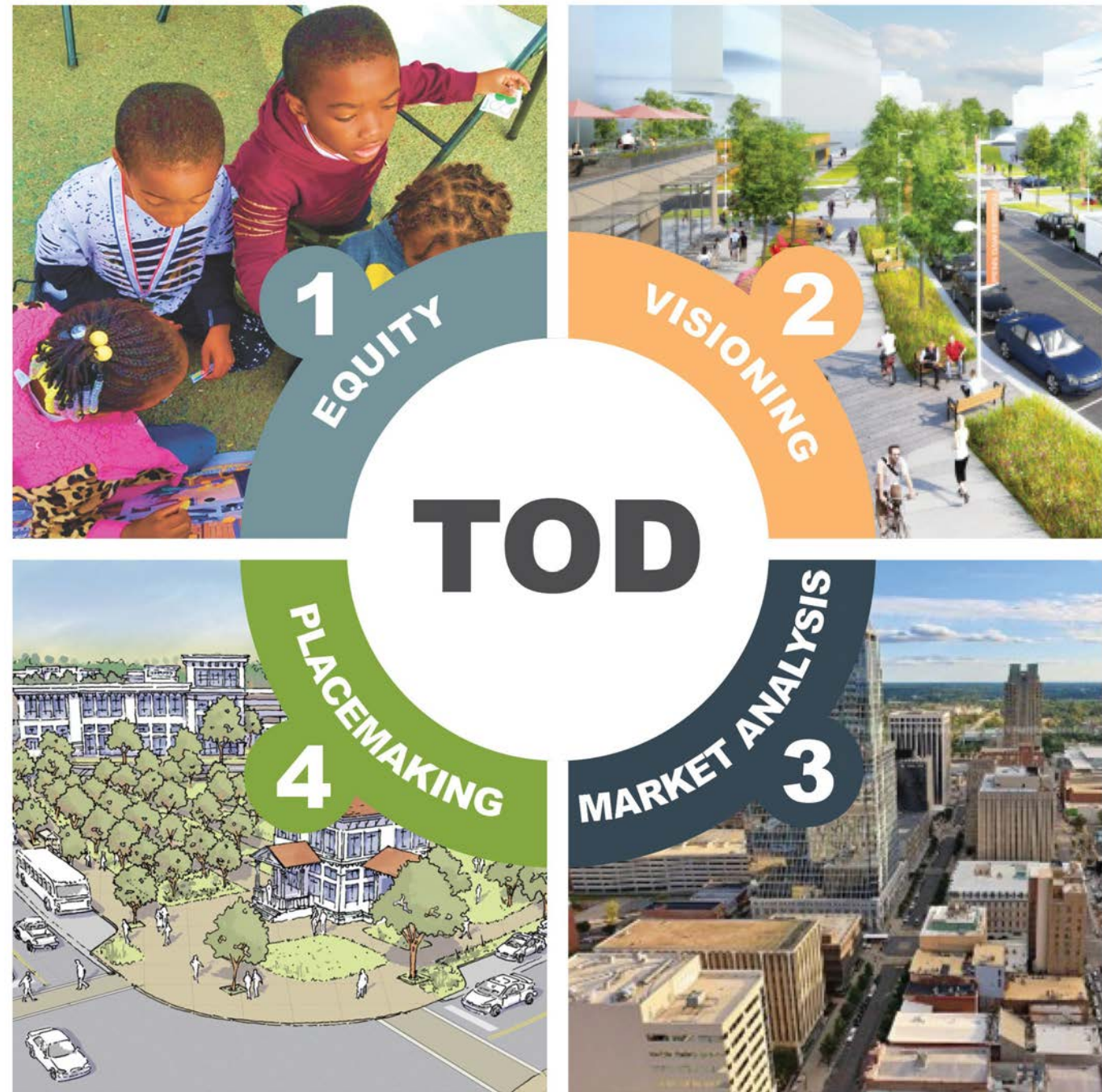
# TOD Study Partners





## CORE VALUES FOR TOD

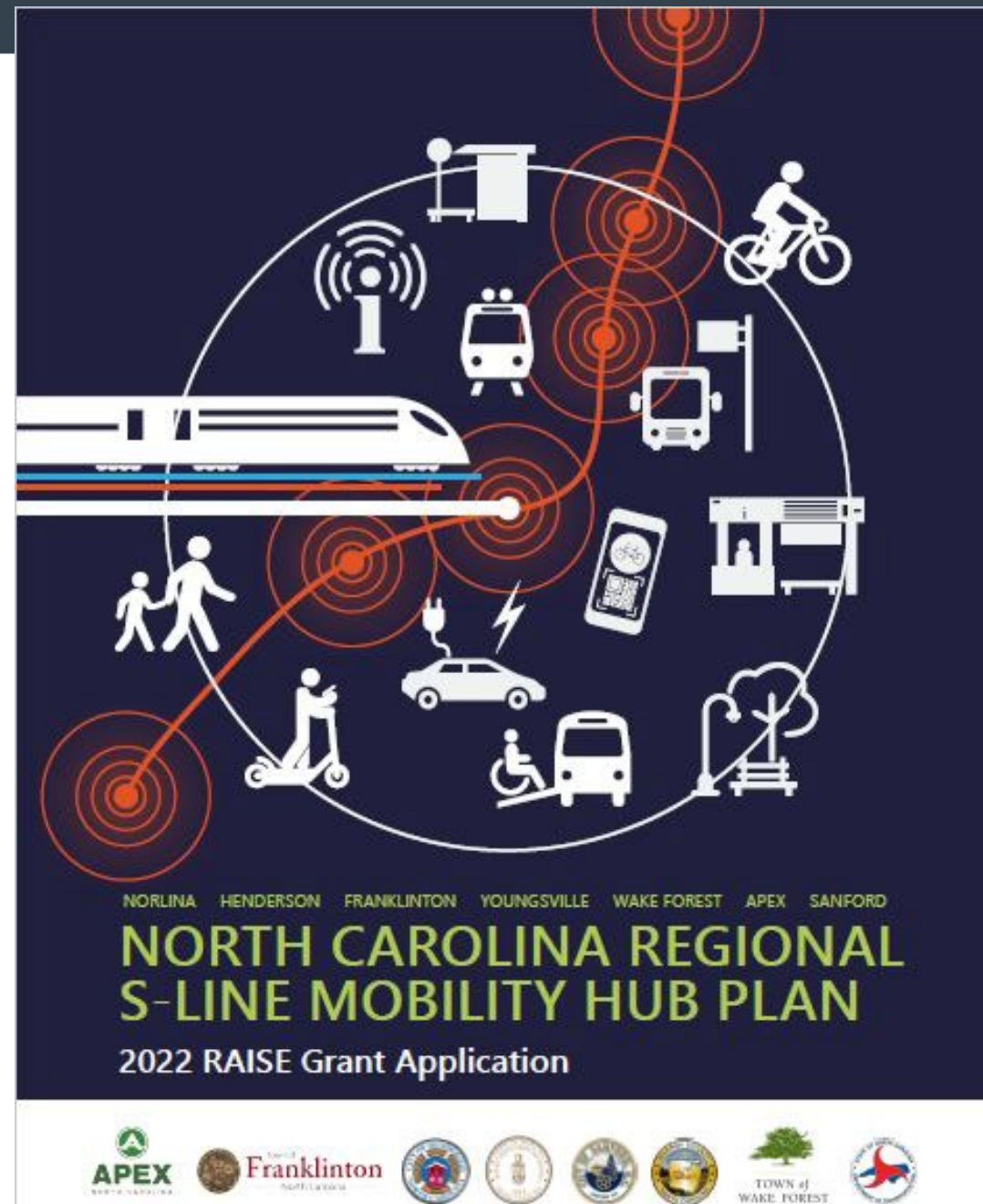
- 1 Equity-driven process and outcomes
- 2 Community-championed **visioning**
- 3 Implementation-focused market analysis grounded in place and reality
- 4 **Placemaking** through integration of land use + urban design + transportation



# TOD Study Process

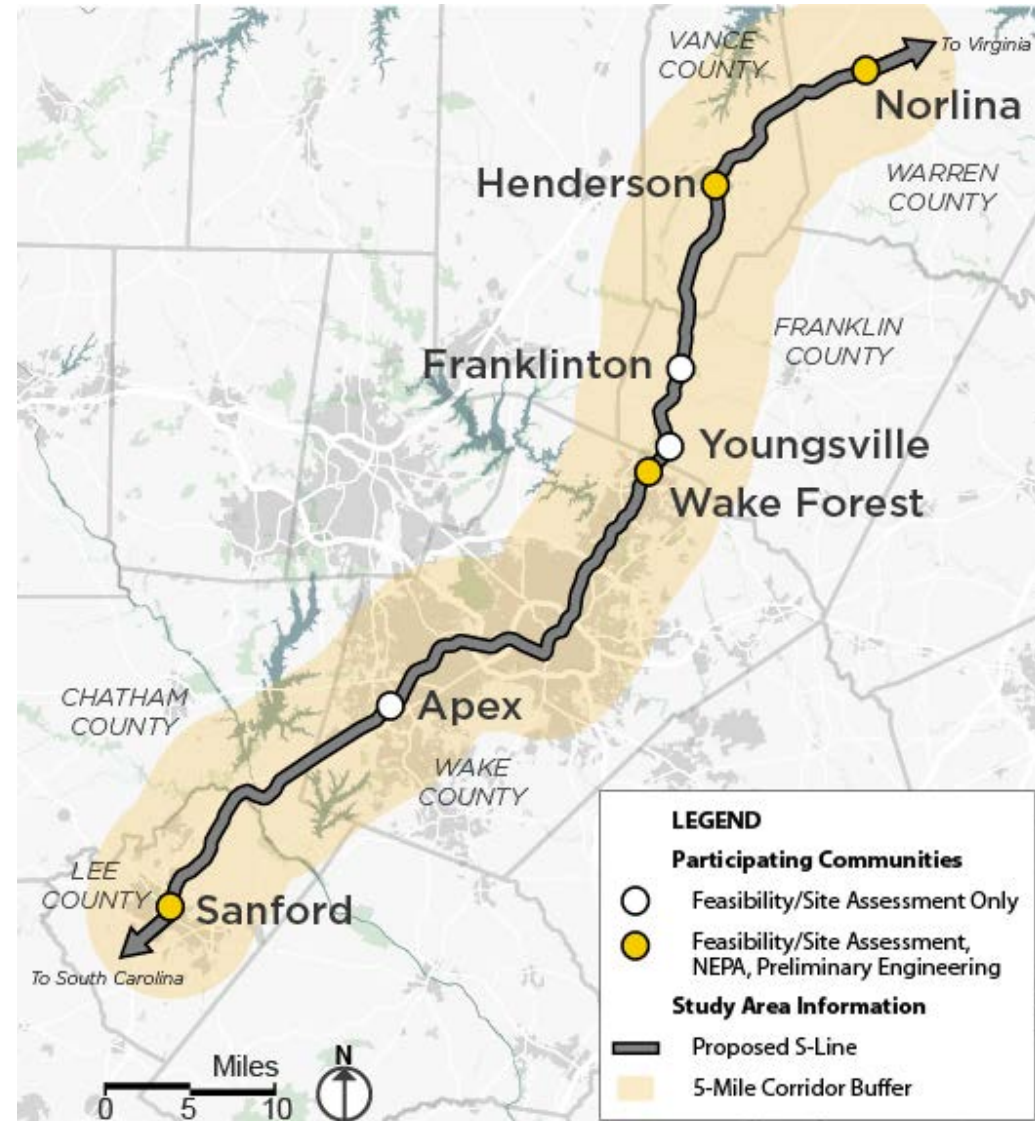






## Mobility Hub Planning

- RAISE Grant Awarded in August
- Total Project Cost = \$4.25 million
- Community Match = \$850,000
- Activities include:
  - Feasibility/Site Assessment
  - NEPA Compliance
  - Preliminary Engineering





## S-Line Rail Infrastructure Grants

### SECURED GRANTS:

- **\$47.5M CRISI grant**
  - Purchase CSX Corridor
- **\$900K TOD Planning**
- **\$57.9M CRISI grant**
  - Land surveying, NEPA, preliminary engineering
  - Recently held Industry Day
- **\$3.4M RAISE grant**
  - Mobility Hub Plan





# Upcoming S-Line Grant Opportunities

- **FY 2022 Rail Crossing Elimination Program**
  - Franklinton & Youngsville
  - Applications due October 4, 2022
  - Anticipate Award January 2023
- **FY 2022 CRISI Grant NOFO**
  - Released September 2, 2022
- **FY 2022 Federal State Partnership NOFO**
  - Anticipate NOFO October 2022
- **Corridor Identification NOFO**
  - Anticipated Fall 2022



## Next Steps

- ✓ Prepare future grant applications
- ✓ Continue strong coordination with VPRA, Amtrak, freight railroads, communities, and other stakeholders
- ✓ Expedite R2R PE Program
- ✓ Continue to look for opportunities to accelerate delivery of R2R and expand rail services
- ✓ Continue analysis of additional corridors for future rail services



# ROAD, BRIDGE & FERRY NAMING COMMITTEE MEETING MINUTES

**DATE:** September 7, 2022 **TIME:** 10:30AM **LOCATION:** Board Room

<b>MEETING CALLED BY</b>	Chairman Fox
<b>BOARD ATTENDEES</b>	Mike Fox, Andy Perkins (Teams), Valerie Jordan (Teams) & Dirk Cody

## AGENDA TOPICS

<b>1. Call to Order, Roll Call, Declaration of Quorum, Non-Conflict Statement and Consideration of the August 10, 2022, Minutes – Chairman Fox</b>	
<b>DISCUSSION SUMMARY</b>	<p>Chairman Fox called the meeting to order, conducted a roll call of members present, and declared a quorum was present.</p> <p>Chairman Fox read the non-conflict/ethics statement and asked if there were any known conflicts or appearances of conflicts of interest.</p> <p>Chairman Fox stated the August 10, 2022, 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 August 10, 2022, meeting be approved as submitted.</p>
<b>ACTIONS TAKEN</b>	<p>Chairman Fox asked for a motion to approve the August 10, 2022, meeting minutes.</p> <p>Board Member Cody made the motion to approve the minutes and Vice Chair Perkins provided the second.</p> <p>Members Mike Fox, Andy Perkins, Valerie Jordan and Dirk Cody voted in favor of approving the minutes and the August 10, 2022, minutes were approved unanimously.</p>
<b>2. Oscar N Harris Bridge – Shelly Heath</b>	
<b>DISCUSSION SUMMARY</b>	Interstate 95 bridge (overpass) at US Highway 421, Exit 73 in Dunn
<b>ACTIONS TAKEN</b>	<p>Vice Chair Perkins made the motion to approve and Board Member Cody provided the second.</p> <p>Members Mike Fox, Andy Perkins, Valerie Jordan and Dirk Cody voted in favor. Motion to approve passed unanimously.</p>





# ROAD, BRIDGE & FERRY NAMING COMMITTEE MEETING MINUTES

## Adjournment

### ACTIONS TAKEN

Chairman Fox asked for a motion to adjourn the September 7, 2022, meeting.  
Vice Chair Perkins made the motion to adjourn the meeting and Board Member Cody provided the second.  
Members Mike Fox, Andy Perkins, Valerie Jordan and Dirk Cody voted in favor.  
Motion to approve passed unanimously.



# ROAD/BRIDGE/FERRY NAMING COMMITTEE AGENDA

## BOARD OF TRANSPORTATION NOVEMBER 2, 2022

**TIME:** 10:00AM – 10:30AM

**LOCATION:** Board Room (150)

**Members of the Board will participate in person or via Microsoft Teams.**

TOPIC	PRESENTER	TIME
<b>Call to Order</b> <b>Roll Call</b> <b>Declaration of Quorum</b> <b>Approval of September 7, 2022, Road/Bridge/Ferry Naming Committee Meeting Minutes</b>	Mike Fox, Chair	10:00AM
<b>Review of Submitted Applications</b>	Shelly Heath	10:04AM
<b>UNC 2022 Women's Lacrosse National Championship</b>	Shelly Heath	10:04AM
<b>Honorable William L. Osteen Highway</b> – US-220 North from Old Battleground Road to Strawberry Road	Shelly Heath	10:08AM
<b>Officer Mia Goodwin Bridge</b> – East W. T. Harris Boulevard bridge over I-85 in Charlotte	Shelly Heath	10:12AM
<b>L. Eugene Pardue Bridge</b> – Bridge #59 on N. Main Street over Jonesville Creek in Jonesville	Shelly Heath	10:16AM
<b>Jimmie L. Couch Highway</b> – SR 1403 from NC 67 to US 21 Business in Jonesville	Shelly Heath	10:20AM
<b>Wade and Becky Wilson Bridge</b> – Bridge #27 on US 23 over Scotts Creek in the Town of Dillsboro	Shelly Heath	10:24AM
<b>Upcoming Events</b>	Jamie Kritzer	10:28AM
<b>Adjourn</b>	Mike Fox	10:30AM



# WORKFORCE DEVELOPMENT COMMITTEE MEETING MINUTES

DATE: 08-10-2022 TIME: 1:50 PM LOCATION: Microsoft Teams /NCDOT Room EIC

MEETING CALLED BY	Chair Hunt
BOARD ATTENDEES	Vice Chair Valerie Jordan, Board Members Melvin Mitchell, Stephen Rosenburgh, Lisa Mathis, Brad Lail and Jerry Tillman

## AGENDA TOPICS

1. Call to Order, Roll Call, Declaration of Quorum, Non-Conflict Statement and Consideration of the March 9, 2022, Meeting Minutes – Chair Hunt	
DISCUSSION SUMMARY	<p>Chair Hunt called the meeting to order, conducted a roll call of members present, and declared a quorum was present.</p> <p>Chair Hunt read the non-conflict/ethics statement and asked if there were any known conflicts or appearances of conflicts of interest.</p> <p>Chair Hunt 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 March 9, 2022, meeting be approved as submitted.</p>
ACTIONS TAKEN	<p>Chair Hunt asked for a motion to approve the March 9, 2022, meeting minutes.</p> <p>Board Member Mitchell made the motion to approve the minutes and Board Member Lail provided the second.</p> <p>Motion to approve the March 9, 2022, minutes were approved unanimously.</p>
2. Enhanced Statewide Compensation System Overview: Paul Boyles, NCDOT Manager Classification & Compensation	
DISCUSSION SUMMARY	<p>History of State of NC Compensation: Basics of current graded system date back to 1949; Career banding (2006-2017) created two parallel systems - difficult to administer; Legislative mandate to develop a new Statewide Compensation System – 2018 rollout under development for five years prior; put all employees in one graded system, rather than former two systems; 2019 new pay administration guidelines provided interim improvements; OSHR hired Mercer in 2019 to respond to implementation concerns.</p> <p>Top 3 Objectives of the State of NC Compensation Project: Updated labor market data and structures; More flexibility and options for competitive pay; Data to validate funding needs. Ultimate Goal: Partner with agencies with recruitment, retention, compression, and complex equity challenges in constantly evolving labor market through one contemporary, market-aligned, and defensible Statewide Compensation System.</p>



# WORKFORCE DEVELOPMENT COMMITTEE MEETING MINUTES

	<p>Critical Need for One Unified, Defensible System: Important for legal, fiscal, good business and HR practice.</p> <p>Mercer Process Overview: Labor market data based on 620 benchmarked classifications; Standard data-aging process to update pay ranges to January 2022; Held multiple agency data validation sessions (late 2021, and January-May 2022) to further improve data; Many classifications gain wider ranges to reflect labor market; 83% of classification range maximus are increasing, as are 78% of the midpoints, and 77% of the minimums; Structures will be periodically updated to reflect continued market movement; 2,938 employees - 5% of total workforce are under new range minimums; Salaries will not automatically increase to new minimum – funding is required; 526 employees - 1% of total workforce are over new range maximums; and No salaries will decrease.</p> <p>Years of Funding Challenges: Between 2012 - 2021 Total NC Legislative increase 17.8%, Labor Market increase 33.7%. NCDOT Retirement Eligibility: 2022 - 9% employees eligible with unreduced benefits and 2027- 29% employees eligible to retire. The Great Resignation: Turnover for ALL agencies averaged 11% in CY2019 and CY2020 but increased to 16% in CY2021; Percentage of filled positions compared to baseline: CY2019 and CY2020 - 14% of all positions were vacant; CY2021 - 19% of all positions were vacant.</p> <p>Power Tools - Ways to Address Needs: Using salary flexibility Pay Administration Policy range; Sign-On Bonuses; Retention Bonuses; Add further verified labor market data; Examine position job descriptions and classifications; Strategies for recruitment; Data analysis; Employee surveys and talking points; Employees training; Reviewing <b>agency's processes</b> for use of salary reserve.</p> <p>What Employees Can Expect: What will stay the same - the classification and salary; What will change – grade name and number may change (example GN to NC), a higher number is not a promotion, and a lower number is not a demotion, this is a new system; Our manager toolkit helps managers message changes with employees and how to frame those situations with employees for consistency.</p> <p>Discussion continued concerning funding for employees below the minimum and more recruitment initiatives.</p> <p>Deputy Secretary Ebony Pittman gave an update on the DEI Initiatives that HR and Civil Rights are working on together.</p>
ACTIONS TAKEN	None Taken
3. Adjournment 2:56 PM	
ACTIONS TAKEN	<p>Chair Hunt asked for a motion to adjourn the August 10, 2022, meeting.</p> <p>Vice Chair Jordan made the motion to adjourn the meeting and Board Member Lail provided the second.</p> <p>Motion to adjourn the August 10, 2022, meeting was passed unanimously.</p>



## WORKFORCE DEVELOPMENT COMMITTEE MEETING AGENDA

### BOARD OF TRANSPORTATION NOVEMBER 2, 2022

TIME: IMMEDIATELY FOLLOWING THE WORK SESSION

Members of the Board will participate in Room EIC or via Microsoft Teams  
Members of the public may view the meeting by clicking on the following link:  
<https://livestream.com/nc-dot>

TOPIC	PRESENTER	TIME
Welcome Call to Order Roll Call Declaration of Quorum Approval of August 10, 2022, Meeting Minutes	Grady Hunt, Chair	5 minutes
Opening Remarks	Grady Hunt, Chair	5 minutes
Safety Initiatives and Review	Robin Barfield, Director - Safety & Risk Management	25 minutes
Adjourn	Grady Hunt, Chair	Adjourn



## **NORTH CAROLINA** Department of Transportation



# Safety Initiatives & Review

Robin Barfield  
November 2022



# Safety and Risk Management

- Focus on employee safety
- Reduce unsafe conditions
- Defensive driving and ELDT CDL program
- Bolster Organizational Risk Management
  - Identify task
  - Assess hazards
  - Mitigate hazards
  - Re-assess when conditions change
- Examine and implement innovative safe technologies
- Lead NCDOT's OSHA compliance auditing programs
- Monitor OSH trends in the construction industry nationwide

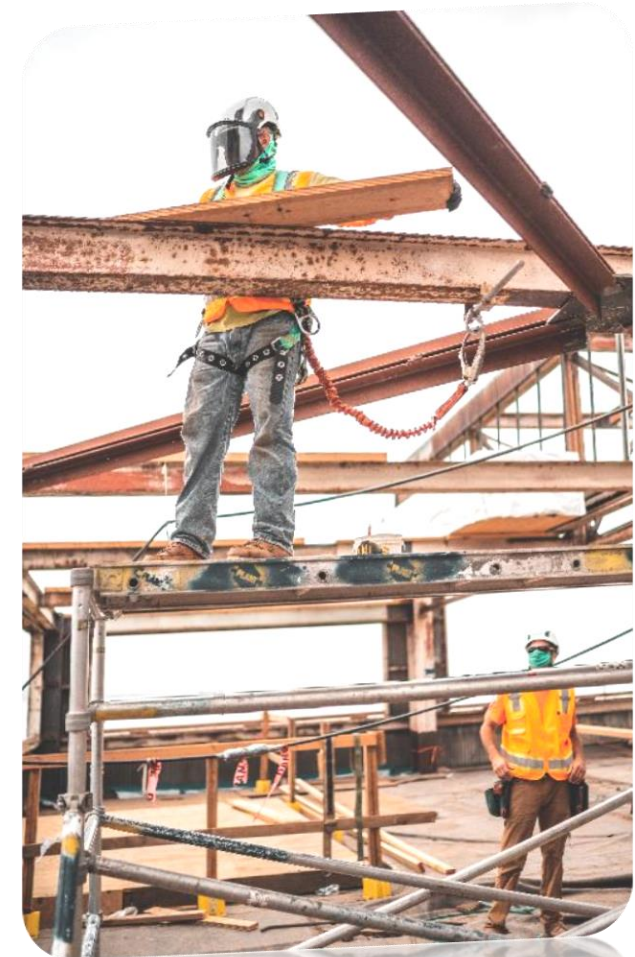


Photo by Jeriden Villegas on Unsplash

# Defensive Driving



Photo by Cristofer Maximillian on Unsplash

**1,800+** Employees trained since program launched in June 2020 virtually

**571** Employees trained since June 2021



# Excavation Safety Training

Slope ~ Shore ~ Shield

- Awareness
  - Recognize hazards and understand controls
- Trained Employees
  - Anticipate, recognize, and evaluate hazards
  - Implement and manage controls
  - Authority and responsibility for excavation safety



# Fall Protection

## Continuous Improvement



- Standardized training
  - Awareness
  - Authorized User
    - Interactive, Inspection, and Use
- Standardizing fall protection PPE
- Continue to engage business units on unique hazards and challenges
- Consistently evaluating new technology and standards
- Rescue

# Safety Helmets

## Next generation head protection

- SRM-researched safety helmet market
  - KASK Zenith X (EN 12492)
- 360° head protection
- Piloted across several Divisions
  - Positive feedback
- Incident involving guardrail saved employee from serious injury
- Chief's office authorized roll-out to high-risk units
  - Bridge, roadside, maintenance, etc.





# Red Cross First Aid, CPR, & AED Training



**175** Employees trained by Safety & Risk Management in the last year

# Driving Simulator



- Train 30+ snowplow operators per day
- 300 – 400 drivers to be trained in next few months

# New CDL Program

## Entry-Level Driver Training Addition

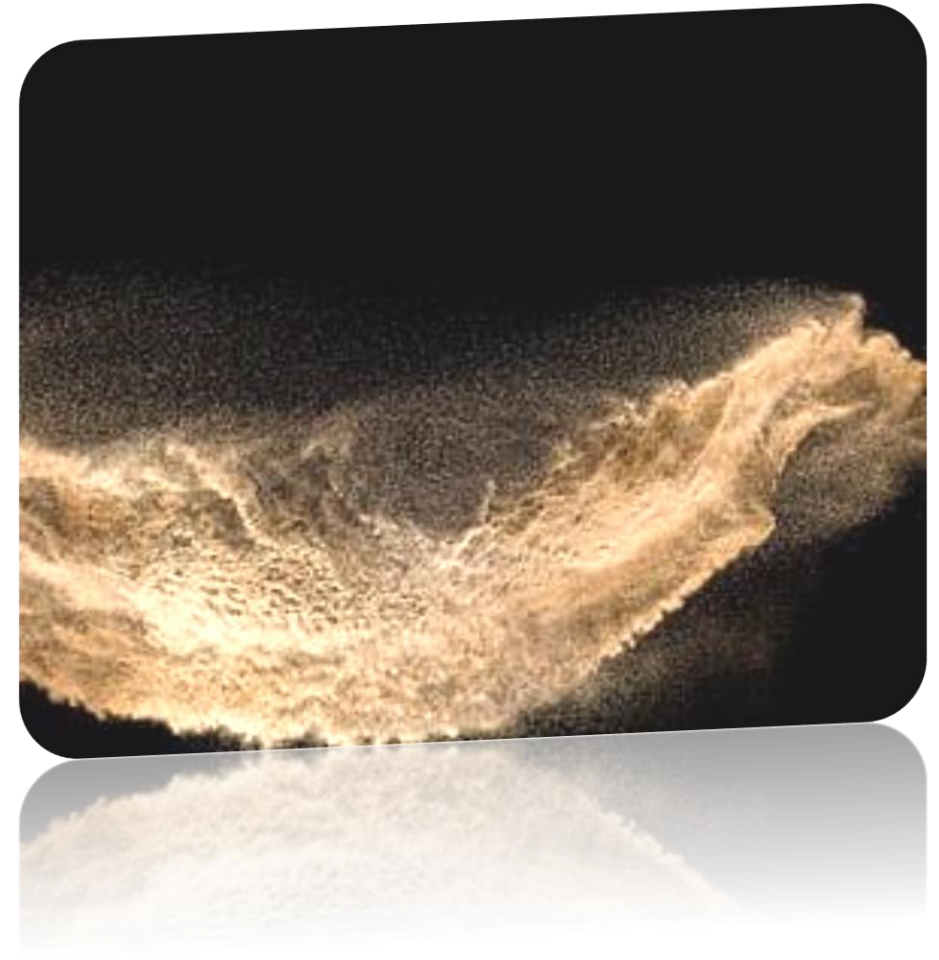


- Extend Transportation Worker Class Specifications to 365 days to follow Federal mandate (March 2022)
- NCDOT required to set up FMCSA-approved certification program
  - Transition new CDL hires into program to avoid delays
- Training must be provided and recorded on FMCSA's Training Provider Registry
- DMV required to verify training was completed
- JJ Keller pilot model rolled out with 100% online modules



# Industrial Hygiene

- Updated 5+ Safety Policy and Procedure Programs
- Conducted audits across NCDOT for Industrial Hygiene Programs
- Evaluated equipment depots and employee exposure to noise (continual process)
- Evaluated hexavalent chromium exposure
- Conducted silica and lead training for two Divisions
- Continue to evaluate indoor air quality across NCDOT
- Asbestos evaluations



# Ferry Division Safety Audit

- Evaluated all NCDOT ferry terminals, ferry shipyard and paint spray booth
- Created a safety work plan to avoid potential employee exposure to hazards



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# Excavation Assessments

Evaluation of  
54-foot-deep  
excavation







Questions?

