



# AGENDA

North Carolina Board of Transportation  
1 South Wilmington Street, Raleigh, NC 27601  
September 7-8, 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, September 7, 2022

8:30AM – 10:15AM

Board Orientation Session for Incoming Board Members

10:30 AM – 10:45 AM

Road, Bridge, Ferry Naming Committee	Room 150
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10:45 AM

Finance Committee (Full Board Invited)	Room 150
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Lunch Break 12:00 PM

1:00 PM

### WORK SESSION

### FULL BOARD ATTENDANCE

- Research Results and Mitigation Strategies to Improve Wildlife Connectivity and Human Safety

Dr. Ron Sutherland, Chief Scientist, Wildlands Network, Steve Goodman, Conservation Biologist, National Parks Conservation Assoc., and Jeff Hunter, Southern Appalachian Director, National Parks Conservation Assoc.

- Prioritization 7.0 (P7.0)

Jason Schronce, Central STIP Manager, and Becca Gallas, Senior Transportation Engineer

- Innovative Technology and Product Awareness

Chairman Fox



# AGENDA

North Carolina Board of Transportation  
1 South Wilmington Street, Raleigh, NC 27601  
September 7-8, 2022

## IMMEDIATELY FOLLOWING THE WORK SESSION

Economic Development and Intergovernmental Relations (EDIR) Committee	EIC
Division of Motor Vehicles (DMV) Committee	Room 150

## IMMEDIATELY FOLLOWING THE EDIR AND DMV COMMITTEES

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



# AGENDA

North Carolina Board of Transportation  
1 South Wilmington Street, Raleigh, NC 27601  
September 7-8, 2022

## NORTH CAROLINA BOARD OF TRANSPORTATION MEETING OFFICIAL BOARD MEETING

Thursday, September 8, 2022

9:00 AM

Location: Room 150

- Call to Order Chairman Fox
- Ethics Statement Chairman Fox
- Pledge of Allegiance Secretary Boyette
- Swearing-In of Incoming and Reappointed Board Members The Honorable Sam J. Ervin, IV
- Consideration of the August 10-11, 2022, Meeting Minutes Chairman Fox
- Road, Bridge, and Ferry Naming Honorary Designations Chairman Fox
- Secretary Remarks Secretary Boyette

### INFORMATION AND DELEGATED AUTHORITY

Chairman Fox

- (Item C) Award of Highway Construction Contracts August 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

#### Project Items

- (Item G) Additions, Abandonments, and Road Name Changes to State Secondary Road System  
Public Transportation Program
- (Item I) (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
- (Item S) Maintenance Allocations

Committee Reports  
Other Business  
Adjourn

Chairman Fox  
Chairman Fox  
Chairman Fox

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

**September 7-8, 2022**

Delegated Authority ..... Secretary Boyette

- (Item C) Award of Highway Construction Contracts August 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
- (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**

**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.  
AUGUST 16, 2022  
DIVISION 2

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ITEM C

C204376  
38222.3.3  
0013069  
PITT  
B-4786

PROPOSAL LENGTH 0.237 MILES

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

LOCATION BRIDGE #38 OVER THE TAR RIVER ON US-13 IN GREENVILLE.

EST CONST PROGRESS.... FY-2023...18% OF BID  
FY-2024...54% OF BID  
FY-2025...28% OF BID

RPN 002 3 BIDDER(S)

DBE GOAL 2.00 %

ESTIMATE 11,884,914.59

DATE AVAILABLE MAR 15 2023 THRU AUG 01 2023

INTER COMPLETION COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR PERMANENT  
VEGETATION ESTABLISHMENT 825 DAY(S) AFTER START DATE

FINAL COMPLETION 1005 DAYS AFTER START DATE

	\$ TOTALS	% DIFF
W C ENGLISH INCORPORATED LYNCHBURG, VA	11,095,482.80	-6.6
CONTI CIVIL LLC EDISON, NJ	14,528,442.00	+22.2
SANFORD CONTRACTORS INC LEMON SPRINGS, NC	14,652,000.00	+23.3

**AWARDED**

HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
AUGUST 16, 2022  
DIVISION 8

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C204369  
38887.3.2  
STATE FUNDED  
LEE  
R-3830

PROPOSAL LENGTH 5.524 MILES

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

LOCATION NC-42/SR-1579 (BROADWAY RD) FROM US-421 IN SANFORD TO SR-1538 (E HARRINGTON AVE) IN BROADWAY.

EST CONST PROGRESS.... FY-2023...18% OF BID  
FY-2024...30% OF BID  
FY-2025...29% OF BID  
FY-2026...20% OF BID  
FY-2027...03% OF BID

RPN 004 2 BIDDER(S)

DBE GOAL 6.00 %

ESTIMATE 57,411,538.02

DATE AVAILABLE JAN 01 2023

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

FINAL COMPLETION MAR 30 2027

	\$ TOTALS	% DIFF
BOGGS CONTRACTING INC MONROE, NC	61,627,415.52	+7.3
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	73,988,937.00	+28.9

**AWARDED**

HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
AUGUST 16, 2022  
DIVISION 10

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C204714  
45764.3.1  
STATE FUNDED  
CABARRUS  
B-5810

PROPOSAL LENGTH 0.221 MILES

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

LOCATION BRIDGE #22 OVER ROCKY RIVER ON EASTBOUND NC-24 AND NC-27.

EST CONST PROGRESS.... FY-2023...56% OF BID  
FY-2024...43% OF BID  
FY-2025...01% OF BID

RPN 005 5 BIDDER(S)

DBE GOAL 2.00 %

ESTIMATE 6,266,487.94

DATE AVAILABLE SEP 26 2022

INTER COMPLETION JUL 15 2024 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR  
PERMANENT VEGETATION ESTABLISHMENT  
MAR 31 2023 COMPLETE DEMOLITION OF EXISTING BRIDGE PER PHASE III, STEP  
#2

FINAL COMPLETION JAN 11 2025

	\$ TOTALS	% DIFF
DANE CONSTRUCTION INC MOORESVILLE, NC	6,069,292.55	-3.1
SMITH-ROWE, LLC MOUNT AIRY, NC	6,215,845.09	-0.8
REEVES CONSTRUCTION COMPANY DUNCAN, SC	6,748,841.48	+7.7
W C ENGLISH INCORPORATED LYNCHBURG, VA	6,798,994.39	+8.5
CATON CONSTRUCTION GROUP INC CHARLOTTESVILLE, VA	7,196,846.74	+14.8

**AWARDED**

HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
AUGUST 16, 2022  
DIVISION 12

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C204730  
48320.3.1  
CMAQ-1213(039)  
GASTON  
C-5606C, C-5703

PROPOSAL LENGTH    MILES

TYPE OF WORK        ITS AND SIGNALS.

LOCATION                GASTONIA CITYWIDE SIGNAL SYSTEM UPGRADE AND CCTV CAMERAS.

EST CONST PROGRESS.... FY-2023...32% OF BID  
FY-2024...43% OF BID  
FY-2025...25% OF BID

RPN 006            4 BIDDER(S)

DBE GOAL 0.00 %

ESTIMATE    13,853,433.00

DATE AVAILABLE        NOV 01 2022

FINAL COMPLETION    JUN 06 2025

	\$ TOTALS	% DIFF
MB HAYNES CORPORATION DBA HAYNES ELECTRIC UTILITY A DIVIS ASHEVILLE, NC	9,123,702.85	-34.1
BROOKS BERRY HAYNIE & ASSOCIATES, INC. MABLETON, GA	9,438,166.32	-31.9
ALS OF NORTH CAROLINA LLC SALISBURY, NC	9,727,000.00	-29.8
VSL ELECTRICAL, SIGNING, LIGHTING LLC MANASSAS, VA	11,263,999.00	-18.7

**AWARDED**

HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
AUGUST 16, 2022  
DIVISION 14

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C204731  
32572.3.13  
0129007  
GRAHAM  
A-0009CA

PROPOSAL LENGTH 3.727 MILES

TYPE OF WORK GRADING, DRAINAGE, AND PAVING.

LOCATION US-129 FROM SOUTH OF SR-1275 (FIVE POINTS RD) TO NC-143 AND NC-143 FROM US-129 TO SR-1223 (BEECH CREEK RD).

EST CONST PROGRESS.... FY-2023...22% OF BID  
FY-2024...31% OF BID  
FY-2025...25% OF BID  
FY-2026...19% OF BID  
FY-2027...03% OF BID

RPN 007 6 BIDDER(S)

DBE GOAL 6.00 %

ESTIMATE 46,624,005.25

DATE AVAILABLE NOV 01 2022

INTER COMPLETION OCT 07 2026 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR PERMANENT VEGETATION ESTABLISHMENT

FINAL COMPLETION APR 05 2027

	\$ TOTALS	% DIFF
WATSON CONTRACTING INC FRANKLIN, NC	47,500,000.00	+1.9
ADAMS CONTRACTING CO INC ROBBINSVILLE, NC	48,750,475.24	+4.6
MOUNTAIN CREEK CONTRACTORS INC MT PLEASANT, SC	50,945,317.20	+9.3
CHARLES BLALOCK & SONS, INC. SEVIERVILLE, TN	51,417,115.37	+10.3
WRIGHT BROTHERS CONSTRUCTION COMPANY INC CHARLESTON, TN	58,248,621.85	+24.9
FLUOR ENTERPRISES, INC. GREENVILLE, SC	62,508,765.00	+34.1

ESTIMATE TOTAL 136,040,378.80

LETTING TOTAL 135,415,893.72 -0.5

**AWARDED**

**NCDOT SEPTEMBER 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**

**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 (GES) LSC
Firm:	DRMP NC Inc, Charlotte, NC
Original Engineering Fee:	\$1,500,000.00
Supplemental Fee:	\$1,500,000.00
SPSF Utilization:	Carolinac Geotechnical Group PLLC
	2% / \$30,000.00
SPSF Utilization:	Hinde Engineering Inc
	3% / \$45,000.00
SPSF Utilization:	Patriot Transportation Engineering PLLC
	3% / \$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:	HDR Engineering Inc of the Carolinas, Chicago, IL
Original Engineering Fee:	\$4,000,000.00
Previous Supplemental Fee:	\$14,000,000.00
Supplemental Fee:	\$1,000,000.00
DBE/WBE/SPSF Utilization:	CH Engineering PLLC
	4% / \$40,000.00
SPSF Utilization:	Carolina Land Acquisitions Inc
	4% / \$40,000.00
SPSF Utilization:	JM Teague Engineering PLLC
	1% / \$10,000.00
SPSF Utilization:	Patriot Transportation Engineering PLLC
	1% / \$10,000.00
SPSF Utilization:	Utility Coordination Consultants LLC
	3% / \$30,000.00
Description of Work:	2021 Western Divisions' (8-14) Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	HNTB North Carolina PC, Raleigh, NC
Original Engineering Fee:	\$4,000,000.00
Supplemental Fee:	\$1,000,000.00
SPSF Utilization:	Carolina Ecosystems Inc
	1% / \$10,000.00
DBE/WBE/SPSF Utilization:	CES Group Engineers LLP
	0.6% / \$6,000.00
DBE/WBE/SPSF Utilization:	CH Engineering PLLC
	0.9% / \$9,000.00
SPSF Utilization:	Carolina Land Acquisitions Inc
	0.7% / \$7,000.00
SPSF Utilization:	Hinde Engineering Inc
	0.5% / \$5,000.00
SPSF Utilization:	MI Engineering PLLC
	0.6% / \$6,000.00



Description of Work:	2021 Western Divisions' (8-14) Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	RS&H Architects Engineers Planners Inc, Jacksonville, FL
Original Engineering Fee:	\$4,000,000.00
Supplemental Fee:	\$2,000,000.00
SPSF Utilization:	Carolina Ecosystems Inc
	3% / \$60,000.00
SPSF Utilization:	Clearbox Forecast Group PLLC
	0.5% / \$10,000.00
Description of Work:	2021 Western Divisions' (8-14) Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	Stantec Consulting Services Inc, Chicago, IL
Original Engineering Fee:	\$4,000,000.00
Supplemental Fee:	\$1,000,000.00
SPSF Utilization:	Catlin Engineers and Scientists
	2% / \$20,000.00
DBE/MBE/SPSF Utilization:	Cincar Consulting Group LLC
	2% / \$20,000.00
SPSF Utilization:	Exult Engineering PC
	2% / \$20,000.00
DBE/WBE/SPSF Utilization:	Falcon Engineering Inc
	2% / \$20,000.00
SPSF Utilization:	Hinde Engineering Inc
	2% / \$20,000.00
SPSF Utilization:	MI Engineering PLLC
	2% / \$20,000.00
SPSF Utilization:	Patriot Transportation Engineering PLLC
	2% / \$20,000.00
SPSF Utilization:	Rice LLC
	1.5% / \$15,000.00
SPSF Utilization:	Right of Way Consultants LLC
	2% / \$20,000.00
SPSF Utilization:	Sungate Design Group PA
	2% / \$20,000.00
SPSF Utilization:	Wetherill Engineering Inc
	4% / \$40,000.00

Description of Work:	2021 Western Divisions' (8-14) Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GES) LSC
Firm:	TGS Engineers, Shelby, NC
Original Engineering Fee:	\$4,000,000.00
Supplemental Fee:	\$1,000,000.00
SPSF Utilization:	Carolina Ecosystems Inc
	3% / \$30,000.00
SPSF Utilization:	Carolinas Geotechnical Group PLLC
	3% / \$30,000.00
SPSF Utilization:	Hinde Engineering Inc
	2% / \$20,000.00
DBE/MBE/SPSF Utilization:	MM/I and Associates LLC
	1% / \$10,000.00
DBE/WBE/SPSF Utilization:	New South Associates Inc
	1% / \$10,000.00
SPSF Utilization:	Rice LLC
	2% / \$20,000.00
SPSF Utilization:	The Wooten Company
	2% / \$20,000.00

### **Chief Engineer – Divisions**

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:	2020 Statewide On-Call Construction Engineering & Inspection Services LSC
Firm:	Vaughn & Melton Consulting Engineers Inc, Asheville, NC
Original Engineering Fee:	\$10,000,000.00
Supplemental Fee:	\$8,000,000.00
DBE/MBE/SPSF Utilization:	A1 Consulting Group, Inc.
	12% / \$960,000.00

**Technical Services – Hydraulics Unit**

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

<b>STATEWIDE</b>	
Description of Work:	2022 Hydraulics Support Services LSC
Firm:	AECOM Technical Services of North Carolina Inc, Chicago, IL
Maximum Engineering Fee:	\$5,000,000.00
SPSF Utilization:	0%
Description of Work:	2022 Hydraulics Support Services LSC
Firm:	Alpha & Omega Group PC, Raleigh, NC
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	100%
Description of Work:	2022 Hydraulics Support Services LSC
Firm:	American Engineering Associates Southeast PA, Charlotte, NC
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	100%
Description of Work:	2022 Hydraulics Support Services LSC
Firm:	Arcadis G&M of North Carolina, Inc., Chicago, IL
Maximum Engineering Fee:	\$2,000,000.00
DBE/WBE Utilization:	Aulick Engineering LLC
	5% / \$100,000.00
Description of Work:	2022 Hydraulics Support Services LSC
Firm:	Atkins North America Inc, Atlanta, GA
Maximum Engineering Fee:	\$3,000,000.00
SPSF Utilization:	0%
Description of Work:	2022 Hydraulics Support Services LSC
Firm:	CDM Smith Inc, Atlanta, GA
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	0%

Description of Work:	2022 Hydraulics Support Services LSC
Firm:	Dewberry Engineers Inc, Philadelphia, PA
Maximum Engineering Fee:	\$3,000,000.00
SPSF Utilization:	0%
Description of Work:	2022 Hydraulics Support Services LSC
Firm:	EL Robinson Engineering Co, Charleston, WV
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	0%
Description of Work:	2022 Hydraulics Support Services LSC
Firm:	ESP Associates Inc, Charlotte, NC
Maximum Engineering Fee:	\$3,000,000.00
SPSF Utilization:	0%
Description of Work:	2022 Hydraulics Support Services LSC
Firm:	Freese and Nichols Inc, Fort Worth, TX
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	0%
Description of Work:	2022 Hydraulics Support Services LSC
Firm:	Gannett Fleming Inc, Philadelphia, PA
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	0%
Description of Work:	2022 Hydraulics Support Services LSC
Firm:	Gradient PLLC, Fayetteville, NC
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	100%
Description of Work:	2022 Hydraulics Support Services LSC
Firm:	Greenman Pedersen Inc, Kinston, NC
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	0%
Description of Work:	2022 Hydraulics Support Services LSC
Firm:	HDR Engineering Inc of the Carolinas, Chicago, IL
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	0%
Description of Work:	2022 Hydraulics Support Services LSC
Firm:	HNTB North Carolina PC, Raleigh, NC
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	0%

**SEPTEMBER 08, 2022**

Description of Work:	2022 Hydraulics Support Services LSC
Firm:	ICE of Carolinas PLLC, West Columbia, SC
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	0%
Description of Work:	2022 Hydraulics Support Services LSC
Firm:	JMT, Hunt Valley, MD
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	MI Engineering PLLC
	2% / \$20,000.00
Description of Work:	2022 Hydraulics Support Services LSC
Firm:	KCI Associates of North Carolina PA, Baltimore, MD
Maximum Engineering Fee:	\$2,000,000.00
SPSF Utilization:	0%
Description of Work:	2022 Hydraulics Support Services LSC
Firm:	Kimley Horn & Associates Inc, Atlanta, GA
Maximum Engineering Fee:	\$2,000,000.00
SPSF Utilization:	0%
Description of Work:	2022 Hydraulics Support Services LSC
Firm:	Kisinger Campo & Associates Corp, Tampa, FL
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	0%
Description of Work:	2022 Hydraulics Support Services LSC
Firm:	LJB Inc, Miamisburg, OH
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	0%
Description of Work:	2022 Hydraulics Support Services LSC
Firm:	McCormick Taylor Inc, Philadelphia, PA
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	0%
Description of Work:	2022 Hydraulics Support Services LSC
Firm:	Mead & Hunt Inc, Middleton, WI
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	0%

Description of Work:	2022 Hydraulics Support Services LSC
Firm:	MI Engineering PLLC, Raleigh, NC
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	100%
Description of Work:	2022 Hydraulics Support Services LSC
Firm:	Moffatt & Nichol Incorporated, Los Angeles, CA
Maximum Engineering Fee:	\$2,000,000.00
SPSF Utilization:	0%
Description of Work:	2022 Hydraulics Support Services LSC
Firm:	Mott MacDonald I & E LLC, Pittsburgh, PA
Maximum Engineering Fee:	\$1,000,000.00
DBE/WBE/SPSF Utilization:	Three Oaks Engineering Inc
	5% / \$50,000.00
Description of Work:	2022 Hydraulics Support Services LSC
Firm:	MS Consultants Inc, Columbus, OH
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	0%
Description of Work:	2022 Hydraulics Support Services LSC
Firm:	NV5 Engineers and Consultants Inc, Chicago, IL
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	0%
Description of Work:	2022 Hydraulics Support Services LSC
Firm:	Parrish and Partners of NC PLLC, Columbia, SC
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	100%
Description of Work:	2022 Hydraulics Support Services LSC
Firm:	Parsons Transportation Group Inc., Raleigh, NC
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	0%
Description of Work:	2022 Hydraulics Support Services LSC
Firm:	Ramey Kemp Associates, Raleigh, NC
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	0%

Description of Work:	2022 Hydraulics Support Services LSC
Firm:	RS&H Architects Engineers Planners Inc, Jacksonville, FL
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	0%
Description of Work:	2022 Hydraulics Support Services LSC
Firm:	RK&K, Raleigh, NC
Maximum Engineering Fee:	\$2,000,000.00
SPSF Utilization:	0%
Description of Work:	2022 Hydraulics Support Services LSC
Firm:	W-3 Engineering PLLC, Wilmington, NC
Maximum Engineering Fee:	\$2,000,000.00
SPSF Utilization:	100%
Description of Work:	2022 Hydraulics Support Services LSC
Firm:	SEPI Engineering & Construction Inc, Raleigh, NC
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	0%
Description of Work:	2022 Hydraulics Support Services LSC
Firm:	STV Engineers Inc, Douglassville, PA
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	0%
Description of Work:	2022 Hydraulics Support Services LSC
Firm:	Summit Design and Engineering Services PLLC, Hillsborough, NC
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	0%
Description of Work:	2022 Hydraulics Support Services LSC
Firm:	Sungate Design Group PA, Raleigh, NC
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	100%
Description of Work:	2022 Hydraulics Support Services LSC
Firm:	SWCA Environmental Consulting & Engineering Inc, Carol Stream, IL
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	0%

Description of Work:	2022 Hydraulics Support Services LSC
Firm:	Tetra Tech Engineering PC, Denver, CO
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	0%
Description of Work:	2022 Hydraulics Support Services LSC
Firm:	McAdams, Durham, NC
Maximum Engineering Fee:	\$2,000,000.00
SPSF Utilization:	0%
Description of Work:	2022 Hydraulics Support Services LSC
Firm:	TGS Engineers, Shelby, NC
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	0%
Description of Work:	2022 Hydraulics Support Services LSC
Firm:	Three Oaks Engineering Inc, Durham, NC
Maximum Engineering Fee:	\$1,000,000.00
DBE/WBE/SPSF Utilization:	100%
Description of Work:	2022 Hydraulics Support Services LSC
Firm:	VHB Engineering NC PC, Boston, MA
Maximum Engineering Fee:	\$2,000,000.00
SPSF Utilization:	0%
Description of Work:	2022 Hydraulics Support Services LSC
Firm:	Wetherill Engineering Inc, Raleigh, NC
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	100%
Description of Work:	2022 Hydraulics Support Services LSC
Firm:	Wood Environment & Infrastructure Solutions Inc, Chicago, IL
Maximum Engineering Fee:	\$3,000,000.00
SPSF Utilization:	0%
Description of Work:	2022 Hydraulics Support Services LSC
Firm:	WSE of North Carolina PC, Reading, MA
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	0%
Description of Work:	2022 Hydraulics Support Services LSC
Firm:	WSP USA Inc, Dallas, TX
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	0%



**Technical Services – Project Management Unit**

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

<b>STATEWIDE</b>	
Description of work:	2020 Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GES) LSC
Firm:	AECOM Technical Services of North Carolina Inc, Chicago, IL
Original Engineering Fee:	\$4,000,000.00
Previous Supplemental Fee:	\$5,500,000.00
Supplemental Fee:	\$5,000,000.00
SPSF Utilization:	0%
Description of work:	2020 Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GES) LSC
Firm:	KCI Associates of North Carolina PA, Baltimore, MD
Original Engineering Fee:	\$2,000,000.00
Previous Supplemental Fee:	\$2,000,000.00
Supplemental Fee:	\$2,000,000.00
SPSF Utilization:	Sungate Design Group PA
	10% / \$200,000.00
DBE/WBE/SPSF Utilization:	Planning Communities LLC
	15% / \$300,000.00

**END of ITEM D.**

**NCDOT SEPTEMBER 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 Establish funds:**

<b>Division &amp; County</b>	<b>Secondary Road Number &amp; Name</b>	<b>Project Description</b>	<b>Amount</b>
Division 12 Gaston Co.	SR 3616 & SR 3615 Washington Street and Weldon Street	Grade, drain, base and pave Establish funds WBS 12C.036107	\$120,000.00

**Projects to Increase funds:**

<b>Division &amp; County</b>	<b>Secondary Road Number &amp; Name</b>	<b>Project Description</b>	<b>Amount</b>
Division 11 Watauga Co.	SR 1526 Sampson Road (Segment A)	Grade, drain, base and pave Increase funds WBS 11C.095110	\$145,000.00
Division 13 Buncombe Co.	SR 2793 Cedar Creek Road	Grade, drain, base and pave Increase funds WBS 13C.011223	\$160,755.46
Division 13 Rutherford Co.	SR 1395 Boland Drive	Grade, drain, base and pave Increase funds WBS 13C.081118	\$312,613.34

**Item E Summary:**

<b>1</b>	<b>Projects to Establish Funds</b>	<b>\$120,000.00</b>
<b>3</b>	<b>Projects to Increase Funds</b>	<b>\$618,368.80</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>Project Deletions</b>	<b>\$0.00</b>

# NCDOT September 7-8, 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 2</b>				
Craven	52572		<b>Cherry Branch, Quarter Horse Estates, and White Horse Run</b>	6/14/22
		0.28	Extend SR 1851, War Admiral Drive	
		0.16	Extend SR 1853, Sea Bisquit Drive	
		0.55	Secretariat Drive	
		0.06	Citation Court	
		0.30	Quarter Horse Run	
<b>Division 4</b>				
Nash	52573		<b>Pine Ridge</b>	6/27/22
		0.26	Surrey Top Road	
		0.06	Red Fox Road	
<b>Division 5</b>				
Franklin	52574		<b>Ashberry Village</b>	7/13/22
		0.16	Waterview Way	
		0.03	Vantage Plaza	
Franklin	52575		<b>Bookshire</b>	7/19/22
		0.41	Brookshire Drive	
		0.11	Keith Farms Lane	
		0.24	Old Spur Road	
Franklin	52576		<b>Hadleigh At Cedar Creek</b>	6/30/22
		0.37	Windbreak Lane	
		0.23	Shallow Drive	
		0.04	Chirping Bird Court	
Franklin	52577		<b>Highcroft</b>	7/13/22
		0.06	Highcroft Drive	
		0.24	Courtland Drive	
Franklin	52578		<b>Tar River Estates</b>	6/28/22
		0.26	River Drive	
Granville	52579		<b>Applewood</b>	5/4/22
		0.03	Cinnamon Court	
		0.03	Cidar Court	
Granville	52580		<b>Rennshire</b>	6/24/22
		0.04	Rennshire Drive	
		0.33	Pauline Oaks Drive	
		0.06	Shadowmoss Court	
		0.14	Langstroth Court	
		0.04	Candlemaker Court	

# **NCDOT September 7-8, 2022 Board of Transportation Agenda**

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

<b>County</b>	<b>Petition Number</b>	<b>Length Added (Miles)</b>	<b>Description and/or Subdivision</b>	<b>Date of Report</b>
<b>Division 5 (Continued)</b>				
Wake	52581	0.55	<b>Greenfield Parkway South</b> Extend SR 4142, S. Greenfield Parkway	7/8/22
Wake	52582	0.25 0.09 0.19	<b>Montreaux</b> Hannahs View Drive Extend SR 3596, Heartley Drive Extend SR 3595, Grafton Road	7/7/22
<b>Division 6</b>				
Bladen	52583	0.16	<b>Cape Owen Manor</b> Extend SR 1361, Hillcrest Drive	6/20/22
<b>Division 7</b>				
Guilford	52584	0.10 0.09	<b>Sedgefield</b> Rockbridge Road Cabarrus Court West	7/14/22
Guilford	52585	0.06	<b>The Meadows at Quarterstone Farm</b> Hitching Post Court	8/2/22
<b>Division 9</b>				
Davidson	52586	0.04	<b>H.L. McGee Estate</b> Extend SR 1905, Jeannie Road	7/19/22
Davidson	52587	0.20	<b>Swicegood Farms</b> Extend SR 3184, Swicegood Farms Lane	7/13/22
<b>Division 10</b>				
Mecklenburg	52588	0.73	Extend SR 5722, Rea Road	4/18/22

**NCDOT September 7-8, 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>				
Wake	52589	0.30	SR 1143, Olive Dairy Road Retain 0.00 miles	6/9/22
Wake	52590	0.14	SR 2585, Wilmington Road Retain 0.28 miles	6/20/22
<b>Division 9</b>				
Rowan	52591	0.14	SR 1966, School Street Retain 0.00 miles	8/3/22
		0.06	SR 1967, Gym Street Retain 0.07 miles	

**Number of roads petitioned for addition – 36**

**Number of roads petitioned for abandonment - 4**

**Corrections to the State Highway System:**

<b>County</b>	<b>Requested Action</b>
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None	
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**NCDOT SEPTEMBER 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 2 Carteret	WBS 50600 Funding to assist with the installation of right and left turn lanes on US 70 in Carteret County serving the future Pruitt Health facility. These are pass-through funds to the county. Establish funds	<u>Contingency</u> TOTAL	<u>\$370,000.00</u> \$370,000.00
Division 5 Granville	WBS 50583 Install sidewalks along the east side of SR 1103 (Central Avenue) from SR 1100 (East B Street) to SR 1201 (East A Street) in Butner. Establish funds	<u>High Impact/ Low Costs</u> TOTAL	<u>\$92,000.00</u> \$92,000.00
Division 7 Guilford	WBS 50616 Repair and repave the runway at Causey Airport. This request is pending consultation per North Carolina General Statute 136-11.1. Establish funds	<u>Contingency</u> TOTAL	<u>\$300,000.00</u> \$300,000.00
Division 7 Guilford Rockingham	WBS 50548 Service road study to determine the impacts of controlled access for TIP Project R-5889: US 29 (Future I-785) from SR 2565 (Hicone Road) in Greensboro to US 158 / NC 14 in Reidsville. The study area is from SR 2565 (Hicone Road) to US 29 Business just north of the county line. Establish funds	<u>Contingency</u> TOTAL	<u>\$300,000.00</u> \$300,000.00
Division 8 Scotland	WBS 50376 Install traffic signals at US 401 and SR 1403 (Riverton Road / McKay Street) in Wagram. Increase funds	<u>Contingency</u> TOTAL	<u>\$125,000.00</u> \$125,000.00

September 8, 2022

**NCDOT SEPTEMBER 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 9 Forsyth	WBS 50613 Install pedestrian safety fencing along Bridge #665 on SR 2643 (Union Cross Road) over I-40 in Kernersville. Establish funds	Small Construction <u>TOTAL</u>	<u>\$125,000.00</u> \$125,000.00
Division 9 Rowan	WBS 50614 Funding to support the completion of an Interchange Justification Report (IJR) for a new I-85 interchange in East Spencer. Establish funds	<u>Contingency</u> TOTAL	<u>\$500,000.00</u> \$500,000.00
Division 11 Caldwell	WBS 49912 Install traffic signal, pedestrian crossing signals and signal retiming system at US 321 and Green Hill Road / The Rock Road in Blowing Rock. Increase funds	High Impact/ Low Costs <u>TOTAL</u>	<u>\$107,705.00</u> \$107,705.00
Division 11 Caldwell	WBS 50598 Remove abandoned railroad crossing on NC 90 at Elizabeth Street in Lenoir. Establish funds	High Impact/ Low Costs <u>TOTAL</u>	<u>\$50,000.00</u> \$50,000.00
Division 14 Haywood	WBS 50615 Install chain link fence around the abutments of Haywood County Bridge #184 on US 276 (Russ Avenue) in Waynesville. Establish funds	<u>Contingency</u> TOTAL	<u>\$51,000.00</u> \$51,000.00
Division 14 Henderson	WBS 46877.2.1 Right-of-way for TIP project R-5771: Improvements to SR 1690 (Broadpointe Drive) serving Raumedic Manufacturing. Additional funds needed to cover overdraft. Increase funds	High Impact/ Low Costs <u>TOTAL</u>	<u>\$75,188.24</u> \$75,188.24

**NCDOT SEPTEMBER 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 14 Henderson	WBS 46877.3.1 Construction for TIP project R-5771 (federal portion): Improvements to SR 1690 (Broadpointe Drive) serving Raumedic Manufacturing. Additional funds needed to cover overdraft. Increase funds	Economic Development <u>TOTAL</u>	 \$385,991.43 <u>\$385,991.43</u>
Division 14 Henderson	WBS 46877.3.2 Construction for TIP project R-5771 (state portion): Improvements to SR 1690 (Broadpointe Drive) serving Raumedic Manufacturing. Additional funds are needed to replace \$11,767.84 in State STI funds. Increase funds and close WBS	Economic Development <u>TOTAL</u>	 \$11,767.84 <u>\$11,767.84</u>

**Summary: 13 Projects**

High Impact/Low Cost Commitment	\$324,893.24
Small Construction Commitment	\$125,000.00
Contingency Commitment	\$1,646,000.00
Economic Development Commitment	\$397,759.27
Public Access Commitment	\$0.00
<b>TOTAL:</b>	<b>\$2,493,652.51</b>



# NCDOT September Board of Transportation Agenda

## Public Transportation Program

Division	Project Number	5307 Program	Estimated Project Cost
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10	19-LU-089	<b>Union County</b> FY19 5307 SUBS Operating 19-LU-089 Additional operating funds for transit system	<b>\$57,824 Total</b> \$28,912 Federal \$0 State \$28,912 Local
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Division	Project Number	Rural Capital	Estimated Project Cost
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13	22-RC-099	<b>McDowell County</b> FY22 Rural Capital 22-RC-099 Additional capital funds for vehicle	<b>\$4,352 Total</b> \$0 Federal \$4,352 State \$0 Local
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Division	Project Number	Regional Transit Planning	Estimated Project Cost
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1, 2, 4	n/a	The Integrated Mobility Division will partner with local/regional transit systems and planning agencies to develop a regional transit plan. Anticipated counties that will be a part of the regional study are Beaufort, Bertie, Edgecombe, Halifax, Hertford, Martin, Nash, Northampton, Pitt, and Wilson.	<b>\$225,000 Total</b> \$180,000 Federal \$45,000 State \$0.00 Local
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11 and 13	n/a	The Integrated Mobility Division will partner with local/regional transit systems and planning agencies to develop a regional transit plan. Anticipated counties that will be a part of the regional study are Alleghany, Ashe, Avery, Mitchell, Watauga, Wilkes, and Yancey.	<b>\$200,000 Total</b> \$160,000 Federal \$40,000 State \$0.00 Local
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13 and 14	n/a	The Integrated Mobility Division will partner with local/regional transit systems and planning agencies to develop a regional transit plan. Anticipated counties that will be a part of the regional study are Buncombe, Haywood, Henderson, Madison, McDowell, Polk, Rutherford, and Transylvania.	<b>\$250,000 Total</b> \$200,000 Federal \$50,000 State \$0.00 Local
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**Item I-I: Total Projects 5: Total Federal and State Funds \$708,264**

<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	5307 Subs Operating	\$28,912	\$0	\$28,912	\$57,824
1	Rural Capital	\$0	\$4,352	\$0	\$4,352
3	Regional Transit Planning	\$540,000	\$135,000	\$0	\$675,000
<b>5</b>	<b>TOTAL</b>	<b>\$568,912</b>	<b>\$139,352</b>	<b>\$28,912</b>	<b>\$737,176</b>

**NCDOT September 2022 Board of Transportation Agenda  
Rail Program**

<b>Town/County Division</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Division 5 Wake, Franklin, Vance, Warren 50606	The Rail Division requests board approval for advanced funds to be used for the Consolidated Rail Infrastructure and Safety Improvements (CRISI) grant program. This funding advance is part of an announced federal grant which will fund surveys, preliminary engineering, and rail infrastructure improvements on the S-Line rail corridor. The total estimated cost to the Department \$ 7,527,000	\$7,527,000
Division 8 Lee County 80000.3.1.23	The Rail Division requests board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funding to assist in the construction of improvements to the Hunt Transload Enterprises, LLC industrial site. The project will provide rail access to the industry. Hunt Transload Enterprises, LLC will be responsible for construction of the project. The total estimated cost to the Department is \$210,000. FRRCSI ID: F22304	\$210,000

**ITEM I-2 SUMMARY – 2 PROJECTS – \$7,737,000 (TOTAL FEDERAL AND STATE)**

**NCDOT September 2022 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 September 8, 2022 Board of Transportation meeting.

**ITEM I - 3 SUMMARY – NO PROJECTS**

## NCDOT September 2022 Board of Transportation Agenda

### Aviation Program

Division Airport County	Project Description	Estimate
Division 2 Kinston Regional Jetport Lenoir County	<b>Parallel Taxiway Rehabilitation - (CON/CA/RPR) WBS - 36237.51.14.1 amendment</b> This request will provide additional funding based on bids to complete construction and perform contract administration and inspection of the parallel taxiway rehab project. (PR# 3481)	\$1,444,445 Total \$1,300,000 Federal \$144,445 Local
Division 2 Kinston Regional Jetport Lenoir County	<b>Project Mirage - WBS (TBD)</b> This request will provide economic development funds to upfit and expand an existing facility to accommodate the additional aircraft storage and maintenance for corporate expansion. (PR# 4666)	\$56,000,000 Total \$900,000 State \$100,000 Local \$55,000,000 Other

**ITEM I-4 SUMMARY – 2 REQUESTS – Total Cost: \$ 57,444,445**

**Total Federal Apportionment Cost \$ 1,300,000**

**Total State Economic Development Cost \$ 900,000**

**Total Local Investment \$ 244,445**

**Total Other Investment \$ 55,000,000**

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

**September 8, 2022**

**NCDOT SEPTEMBER 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-4467 REGIONAL	WBS 35748.2.2 US 17 BUS/NC 37 FROM SOUTH OF PERQUIMANS RIVER BRIDGE TO NORTH OF NC 37 IN HERTFORD. \$1,038,645.00 HAS PREVIOUSLY BEEN APPROVED FOR FULL RIGHT OF WAY AND UTILITIES. ADDITIONAL FUNDS ARE REQUESTED.	\$394,222.00
CRAVEN CO. DIV. 2 B-4484 DIVISION	WBS 33723.3.1 REPLACE BRIDGE 138 AND BRIDGE 139 OVER THE NEUSE RIVER ON SR 1470. \$14,500,000.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE REQUESTED. THIS IS A <b>CASH FLOW</b> PROJECT WITH \$2,100,000.00 IN SFY 23 AND \$2,100,000.00 IN SFY 24.	\$4,200,000.00
PITT CO. DIV. 2 B-5612 REGIONAL	WBS 45567.1.1 REPLACE BRIDGE 24 OVER THE TAR RIVER ON NC 222. \$530,398.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$157,000.00
BEAUFORT CO. DIV. 2 B-5614 DIVISION	WBS 45569.1.2 REPLACE BRIDGE #9 OVER BLOUNTS CREEK ON SR 1112. \$619,700.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$142,000.00
JONES CO. DIV. 2 R-2514C STATEWIDE	WBS 34442.2.4 US 17 FROM NORTH OF MAYSVILLE TO SOUTH OF NC 58 NEAR POLLOCKSVILLE. \$10,762,424.00 HAS PREVIOUSLY BEEN APPROVED FOR FULL RIGHT OF WAY AND UTILITIES. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET. <b>THIS PROJECT HAS PREVIOUSLY BEEN IDENTIFIED AS A TRUST FUND INTRASTATE SYSTEM PROJECT. THIS IS A STRATEGIC TRANSPORTATION INVESTMENTS TRANSITION PROJECT.</b>	\$117,500.00

**NCDOT SEPTEMBER 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-5713 STATEWIDE	WBS 50111.3.1 US 70 FROM THE NEUSE RIVER BRIDGE TO SR 1124 (GRANTHAM ROAD). \$233,795,000.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. CONSTRUCTION SPENDING HAS NOT OCCURRED AS QUICKLY AS ANTICIPATED, THEREFORE, THE CURRENT FUNDING AVAILABLE IN SFY 2023 WILL BE DECREASED BY \$31,000,000.00 AND MADE AVAILABLE FOR OTHER PROJECTS. \$31,000,000.00 WILL BE CASH-FLOWED FROM SFY 2025 TO BETTER ALIGN FUNDING AND EXPENDITURES.	\$0.00
NEW HANOVER, PENDER COS. DIV. 3 R-3300 SW/REG	WBS 40237.2.1 US 17 (HAMPSTEAD BYPASS) FROM US 17 TO US 17 NORTH OF HAMPSTEAD. \$7,736,553.00 HAS PREVIOUSLY BEEN APPROVED FOR APPRAISAL AND ADVANCED ACQUISITION OF SPECIFIC PARCELS. ADDITIONAL FUNDS ARE REQUESTED USING REGIONAL TIER FUNDING. <b>THIS PROJECT HAS PREVIOUSLY BEEN IDENTIFIED AS A TRUST FUND INTRASTATE SYSTEM PROJECT.</b>	\$300,000.00
NEW HANOVER, PENDER COS. DIV. 3 R-3300 REGIONAL	WBS 40237.2.3 US 17 (HAMPSTEAD BYPASS) FROM US 17 TO US 17 NORTH OF HAMPSTEAD. \$3,967,076.00 HAS PREVIOUSLY BEEN APPROVED FOR MAP ACT APPRAISALS AND TO ALLOW FOR ACQUISITION OF SPECIFIC PARCELS. ADDITIONAL FUNDS ARE REQUESTED.	\$318,100.00
NEW HANOVER CO. DIV. 3 U-3338C REGIONAL	WBS 34932.2.4 SR 1175 (KERR AVENUE) INTERCHANGE AT US 74 (MARTIN LUTHER KING JR. PARKWAY). \$190,261.00 HAS PREVIOUSLY BEEN APPROVED FOR RIGHT OF WAY AND MAP ACT APPRAISALS. ADDITIONAL FUNDS ARE REQUESTED.	\$1,500,000.00
NEW HANOVER CO. DIV. 3 U-4751 STATEWIDE	WBS 40191.2.3 SR 1409 (MILITARY CUTOFF ROAD EXTENSION) FROM SR 1409 (MILITARY CUTOFF ROAD) TO US 17 IN WILMINGTON. \$110,805.00 HAS PREVIOUSLY BEEN APPROVED FOR MAP ACT APPRAISALS AND TO ALLOW FOR FUTURE ACQUISITION OF SPECIFIC PARCELS. ADDITIONAL FUNDS ARE REQUESTED.	\$360,805.00

**NCDOT SEPTEMBER 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>
NEW HANOVER CO. DIV. 3 U-4902C STATEWIDE	WBS 40238.2.3 US 17 BUSINESS (MARKET STREET) FROM NORTH OF US 117/NC 132 (COLLEGE ROAD) TO STATION ROAD. \$16,693,069.00 HAS PREVIOUSLY BEEN APPROVED FOR FULL RIGHT OF WAY AND UTILITIES. ADDITIONAL FUNDS ARE REQUESTED.	\$3,000,000.00
ONSLOW CO. DIV. 3 U-5716 STATEWIDE	WBS 50116.1.2 NC 24 AT US 258 (RICHLANDS HIGHWAY) INTERSECTION. \$2,423,042.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$100,000.00
ONSLOW CO. DIV. 3 U-5739 REGIONAL	WBS 54028.2.1 US 258 (RICHLANDS HIGHWAY) FROM SR 1212 (PONY FARM ROAD) TO SR 1213 (BLUE CREEK ROAD). \$620,000.00 HAS PREVIOUSLY BEEN APPROVED FOR FULL RIGHT OF WAY AND UTILITIES. ADDITIONAL FUNDS ARE REQUESTED.	\$150,000.00
ONSLOW CO. DIV. 3 U-5741 REGIONAL	WBS 54030.1.2 NC 24 (LEJUENE BOULEVARD) FROM NC 24 BUSINESS (JOHNSON BOULEVARD) TO NC 172. INITIAL FUNDS ARE REQUESTED FOR PRELIMINARY ENGINEERING.	\$10,000.00
ONSLOW CO. DIV. 3 U-5878 DIVISION	WBS 44694.2.1 COMMERCE DRIVE, FROM COMMERCE DRIVE TO SR 1406 (PINEY GREEN ROAD). \$1,340,692.00 HAS PREVIOUSLY BEEN APPROVED FOR FULL RIGHT OF WAY. ADDITIONAL FUNDS ARE REQUESTED.	\$293,200.00



**NCDOT SEPTEMBER 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>
WAYNE CO. DIV. 4 U-3609B REGIONAL	WBS 39026.2.2 US 13 (BERKELEY BOULEVARD) FROM SR 1003 (NEW HOPE ROAD) TO SR 1572 (SAULSTON ROAD). \$16,325,000.00 HAS PREVIOUSLY BEEN APPROVED FOR FULL RIGHT OF WAY AND UTILITIES. RIGHT-OF-WAY SPENDING HAS NOT OCCURRED AS QUICKLY AS ORIGINALLY ANTICIPATED; THEREFORE, THE CURRENT FUNDING AVAILABLE IN SFY 2023 WILL BE DECREASED BY \$7,000,000.00 AND MADE AVAILABLE FOR OTHER PROJECTS. \$7,000,000.00 WILL BE CASH-FLOWED FROM SFY 2025 TO BETTER ALIGN FUNDING AND EXPENDITURES. THIS IS A <b>BUILD NC BOND</b> PROJECT.	\$0.00
JOHNSTON CO. DIV. 4 U-5795 DIVISION	WBS 44366.3.1 SR 2302 (RICKS ROAD) FROM US 70 TO US 301. \$5,956,405.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE REQUESTED.	\$10,000.00
JOHNSTON, WAKE COS. DIVS. 4/5 R-2829 STATEWIDE	WBS 35517.2.1 EASTERN WAKE FREEWAY FROM I-40 SOUTH OF GARNER TO US 64-264 KNIGHTDALE BYPASS. \$1,994,091.00 HAS PREVIOUSLY BEEN APPROVED FOR APPRAISAL AND ADVANCED ACQUISITION OF SPECIFIC PARCELS. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$513,200.00
HARNETT, JOHNSTON COS. DIVS. 4/6 I-5986B STATEWIDE	WBS 47532.1.3 SR 1002 (LONG BRANCH ROAD - EXIT 71) TO I-40 (EXIT 81). \$14,164,724.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$121,500.00

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<b>TOWN / COUNTY DIVISION PROJ. CATEGORY</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
WAKE CO. DIV. 5 B-5684 REGIONAL	WBS 45639.1.2 REPLACE BRIDGE 146 OVER CRABTREE CREEK IN RALEIGH ON US 401. \$89,400.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$184,000.00
WAKE CO. DIV. 5 B-5987 REGIONAL	WBS 47817.1.1 REPLACE BRIDGES 115 & 117 OVER NORFOLK SOUTHERN RAILROAD AND AN UNAMED CREEK ON US 401. \$273,528.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$113,000.00
WAKE CO. DIV. 5 P-5602EJ STATEWIDE	WBS 46393.1.39 CEDAR AVENUE PEDESTRIAN STUDY (WAKE FOREST). INITIAL FUNDS ARE REQUESTED FOR PRELIMINARY ENGINEERING.	\$60,000.00
FRANKLIN CO. DIV. 5 P-5602EK STATEWIDE	WBS 46393.1.40 PINE STREET PEDESTRIAN STUDY (YOUNGSVILLE). INITIAL FUNDS ARE REQUESTED FOR PRELIMINARY ENGINEERING.	\$60,000.00
FRANKLIN CO. DIV. 5 P-5602EL STATEWIDE	WBS 46393.1.41 COLLEGE STREET PEDESTRIAN STUDY (FRANKLINTON). INITIAL FUNDS ARE REQUESTED FOR PRELIMINARY ENGINEERING.	\$60,000.00
FRANKLIN CO. DIV. 5 P-5602EM STATEWIDE	WBS 46393.1.42 MASON STREET PEDESTRIAN STUDY (FRANKLINTON). INITIAL FUNDS ARE REQUESTED FOR PRELIMINARY ENGINEERING.	\$60,000.00

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<b>TOWN / COUNTY DIVISION PROJ. CATEGORY</b>	<b>PROJECT DESCRIPTI ON</b>	<b>ESTIMATED COST</b>
VANCE CO. DIV. 5 P-5602EN STATEWIDE	WBS 46393.1.43 MCCLANAHAN ROAD STUDY (KITRELL). INITIAL FUNDS ARE REQUESTED FOR PRELIMINARY ENGINEERING.	\$160,000.00
VANCE CO. DIV. 5 P-5602EO STATEWIDE	WBS 46393.1.44 BECKFORD STREET STUDY (HENDERSON). INITIAL FUNDS ARE REQUESTED FOR PRELIMINARY ENGINEERING.	\$150,000.00
WAKE CO. DIV. 5 P-5715 REGIONAL	WBS 46927.2.1 NEW HOPE CHURCH ROAD GRADE SEPARATION OVER CSX RAIL LINE. \$7,900,000.00 HAS PREVIOUSLY BEEN APPROVED FOR FULL RIGHT OF WAY AND UTILITIES. ADDITIONAL FUNDS ARE REQUESTED.	\$500,000.00
WAKE CO. DIV. 5 P-5720 REGIONAL	WBS 46932.2.1 CSX CROSSING 630 601X AT SR 2006 (DURANT ROAD) IN RALEIGH. \$6,485,000.00 HAS PREVIOUSLY BEEN APPROVED FOR FULL RIGHT OF WAY AND UTILITIES. ADDITIONAL FUNDS ARE REQUESTED.	\$3,900,000.00
WAKE CO. DIV. 5 R-2721 STATEWIDE	WBS 37673.2.3 SOUTHERN WAKE FREEWAY FROM NC 55 SOUTH TO US 401 SOUTH. \$15,954,799.00 HAS PREVIOUSLY BEEN APPROVED FOR MAP ACT APPRAISAL AND TO ALLOW FOR ACQUISITION OF SPECIFIC PARCELS. ADDITIONAL FUNDS ARE REQUESTED.	\$285,100.00
JOHNSTON/ WAKE COS. DIV. 5 R-2829 STATEWIDE	WBS 35517.1.2 ADVANCED PROPERTY/RELOCATION STUDIES. EASTERN WAKE FREEWAY FROM I-40 TO US 64-264 KNIGHTDALE BYPASS. \$74,160.00 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 U-5302 REGIONAL	WBS 48000.2.1 US 401 FROM SOUTH OF SR 1006 (OLD STAGE ROAD) TO SOUTH OF SR 2538 (MECHANICAL BOULEVARD) IN GARNER. \$4,307,067.00 HAS PREVIOUSLY BEEN APPROVED FOR FULL RIGHT OF WAY AND UTILITIES. ADDITIONAL STRATEGIC TRANSPORTATION INVESTMENTS FUNDS ARE REQUESTED. THIS IS A <b>BUILD NC BOND</b> PROJECT.	\$2,100,000.00
WAKE CO. DIV. 5 U-5746 REGIONAL	WBS 54032.1.1 US 401 FROM WAKE TECHNICAL COMMUNITY COLLEGE TO SR 1010 (TEN-TEN ROAD). \$1,520,383.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$100,000.00
WAKE CO. DIV. 5 U-5750 REGIONAL	WBS 50170.2.2 NC 54 FROM NC 540 TO PERIMETER PARK DRIVE IN MORRISVILLE. \$1,700,000.00 HAS PREVIOUSLY BEEN APPROVED FOR UTILITIES. ADDITIONAL FUNDS ARE REQUESTED.	\$200,000.00
PERSON CO. DIV. 5 U-5969 REGIONAL	WBS 45957.1.1 US 501 FROM SOUTH OF US 158 TO SR 1601 (NORTH MAIN STREET) IN ROXBORO. \$2,492,230.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$250,000.00
GRANVILLE CO. DIV. 5 U-6020 DIVISION	WBS 47165.2.1 NC 56 (EAST C STREET) AT SR 1215 (WEST LYON STATION ROAD) IN BUTNER. REALIGN INTERSECTION. \$800,000.00 HAS PREVIOUSLY BEEN APPROVED FOR FULL RIGHT OF WAY. ADDITIONAL FUNDS ARE REQUESTED.	\$100,000.00

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<b>TOWN / COUNTY DIVISION PROJ. CATEGORY</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
CUMBERLAND CO. DIV. 6 I-5986A STATEWIDE	WBS 47532.3.2 I-95 FROM I-95 BUSINESS (EXIT 56) TO SR 1001 (LONG BRANCH ROAD - EXIT 71). WIDEN TO EIGHT LANES. \$464,893,225.00 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 \$38,500,000.00 AND MADE AVAILABLE FOR OTHER PROJECTS. \$38,500,000.00 WILL BE CASH-FLOWED FROM SFY 2025 TO BETTER ALIGN FUNDING AND EXPENDITURES.	\$0.00
ROBESON CO. DIV. 6 I-6064 SW/REG	WBS 49067.1.1 I-95 FROM MILEMARKER 13 TO MILEMARKER 22. \$7,285,147.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$550,000.00
ROBESON CO. DIV. 6 I-6064A REGIONAL	WBS 49067.1.2 I-95 FROM I-74 (EXIT 13) TO CARTHAGE ROAD (EXIT 19). \$200,355.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$150,000.00
BLADEN CO. DIV. 6 P-5602EQ STATEWIDE	WBS 46393.1.46 FAYETTEVILLE TO RALEIGH PASSENGER STUDY PHASE 2. INITIAL FUNDS ARE REQUESTED FOR PRELIMINARY ENGINEERING.	\$100,000.00
HARNETT, WAKE COS. DIVS. 5/6 R-5705B REGIONAL	WBS 46377.3.2 NC 55 FROM NC 210 TO SR 4809 (JICARILLA LANE). INITIAL FUNDS ARE REQUESTED FOR CONSTRUCTION BASED ON THE 12-MONTH TENTATIVE LETTING LIST PUBLISHED JULY 25, 2022. THIS IS A <b>CASH FLOW</b> PROJECT WITH \$7,771,000.00 IN SFY 23, \$15,951,000.00 IN SFY 24, \$12,270,000.00 IN SFY 25 AND \$4,908,000.00 IN SFY 26.	\$40,900,000.00

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<b>TOWN / COUNTY DIVISION PROJ. CATEGORY</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
GUILFORD CO. DIV. 7 P-5713 STATEWIDE	WBS 46925.2.1 NORTH CAROLINA RAILROAD (NCRR) / NORFOLK SOUTHERN RAILROAD AT SR 1424 (HILLTOP ROAD) IN GREENSBORO. INITIAL FUNDS ARE REQUESTED FOR FULL RIGHT OF WAY. THIS IS A <b>CASH FLOW</b> PROJECT WITH \$857,000.00 IN SFY 23, \$1,715,000.00 IN SFY 24 AND \$858,000.00 IN SFY 25.	\$3,430,000.00
GUILFORD CO. DIV. 7 R-4707 REGIONAL	WBS 36599.1.5 US 29 AND SR 4771 (REEDY FORK PARKWAY) INTERCHANGE. \$3,870,402.00 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
GREENSBORO / GUILFORD CO. DIV. 7 U-2412A DIVISION	WBS 34802.3.3 SR 1486 (GREENSBORO ROAD) /SR 4121 (HIGH POINT ROAD) FROM US 311 BYPASS TO SR 4228 (VICKREY CHAPEL ROAD). \$77,011,481.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL STRATEGIC TRANSPORTATION INVESTMENTS FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET. THIS IS A <b>BUILD NC BOND</b> PROJECT.	\$9,000,000.00
GUILFORD CO. DIV. 7 U-2581BA DIVISION	WBS 34840.3.4 US 70 FROM SR 3045 (MOUNT HOPE CHURCH ROAD) TO SR 2826 (BIRCH CREEK ROAD). \$12,794,369.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL STRATEGIC TRANSPORTATION INVESTMENTS FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET. THIS IS A <b>BUILD NC BOND</b> PROJECT	\$806,100.00

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<b>TOWN / COUNTY DIVISION PROJ. CATEGORY</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
RICHMOND CO. DIV. 8 R-3421A REGIONAL	WBS 34542.2.7 US 220 BYPASS FROM US 74 BYPASS WEST OF ROCKINGHAM AT SR 1109 (ZION CHURCH ROAD) INTERCHANGE TO SOUTH OF SR 1140 (OLD CHARLOTTE HIGHWAY). \$4,772,103.00 HAS PREVIOUSLY BEEN APPROVED FOR UTILITIES. ADDITIONAL STRATEGIC TRANSPORTATION INVESTMENTS FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET. THIS IS A <b>BUILD NC BOND</b> PROJECT.	\$205,500.00
HOKE, MOORE COS. DIV. 8 R-5709 REGIONAL	WBS 50205.2.1 NC 211 FROM US 15 / US 501 IN ABERDEEN TO EAST OF SR 1244 (WEST PALMER STREET) / SR1311 (MOCKINGBIRD HILL ROAD) IN RAEFORD. \$59,423,000.00 HAS PREVIOUSLY BEEN APPROVED FOR FULL RIGHT OF WAY. RIGHT-OF-WAY SPENDING HAS NOT OCCURRED AS QUICKLY AS ANTICIPATED; THEREFORE, THE CURRENT FUNDING AVAILABLE IN SFY 2023 WILL BE DECREASED BY \$9,000,000.00. AND MADE AVAILABLE FOR OTHER PROJECTS. \$9,000,000.00 WILL BE CASH-FLOWED FROM SFY 2025 TO BETTER ALIGN FUNDING AND EXPENDITURES.	\$0.00
MONTGOMERY CO. DIV. 8 R-5826B DIVISION	WBS 47098.2.3 NC 109 FROM SR 1127 (HEARNE FARM ROAD) TO SR 1174 (PEE DEE ROAD). INITIAL FUNDS ARE REQUESTED FOR FULL RIGHT OF WAY. THIS IS A <b>CASH FLOW</b> PROJECT WITH \$500,000.00 IN SFY 23, \$1,000,000.00 IN SFY 24 AND \$500,000.00 IN SFY 25.	\$2,000,000.00

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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>
TRINITY / RANDOLPH CO. DIV. 8 U-5308 DIVISION	WBS 47028.2.2 SR 1547 (FINCH FARM ROAD) FROM SOUTH OF SR 3106 (KENNEDY ROAD) TO I-85. \$12,262,000.00 HAS PREVIOUSLY BEEN APPROVED FOR FULL RIGHT OF WAY AND UTILITIES. RIGHT-OF-WAY SPENDING HAS NOT OCCURRED AS QUICKLY AS ORIGINALLY ANTICIPATED; THEREFORE, THE CURRENT FUNDING AVAILABLE IN SFY 2023 WILL BE DECREASED BY \$10,000,000.00 AND MADE AVAILABLE FOR OTHER PROJECTS. \$10,000,000.00 WILL BE CASH-FLOWED FROM SFY 2025 TO BETTER ALIGN FUNDING AND EXPENDITURES. THIS IS A <b>BUILD NC BOND</b> PROJECT.	\$0.00
DAVIDSON CO. DIV. 9 I-5950 STATEWIDE	WBS 45897.1.1 I-85 FROM I-285/US 29/US 52/US 70 TO NORTH OF US 64. \$292,282.00 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
FORSYTH CO. DIV. 9 M-0488B STATEWIDE	WBS 46404.1.2 WINSTON-SALEM NORTHERN BELTWAY- MAPACT LAWSUIT. \$8,274,734.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$134,000.00
FORSYTH CO. DIV. 9 R-2247B REGIONAL	WBS 34409.2.30 WINSTON-SALEM NORTHERN BELTWAY FROM SOUTH OF I-40 TO NORTH OF US 421. \$291,681.00 HAS PREVIOUSLY BEEN APPROVED FOR ADVANCED ACQUISITION OF A SPECIFIC PARCEL. ADDITIONAL FUNDS ARE REQUESTED FOR ADVANCED ACQUISITION OF SPECIFIC PARCEL 602.	\$91,706.00



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<b>TOWN / COUNTY DIVISION PROJ. CATEGORY</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
FORSYTH CO. DIV. 9 R-2247D SW/REG	WBS 34409.2.10 WINSTON-SALEM NORTHERN BELTWAY (WESTERN SECTION) FROM SR 1348 (ROBINHOOD ROAD - MEADOWLARK DRIVE) TO NC 67. \$10,935,860.00 HAS PREVIOUSLY BEEN APPROVED FOR APPRAISAL AND ADVANCED ACQUISITION OF SPECIFIC PARCELS. ADDITIONAL FUNDS ARE REQUESTED FOR ADVANCED ACQUISITION OF SPECIFIC PARCEL 904. <b>THIS PROJECT HAS PREVIOUSLY BEEN IDENTIFIED AS A TRUST FUND URBAN LOOP PROJECT.</b>	\$274,081.00
FORSYTH CO. DIV. 9 R-2247EB STATEWIDE	WBS 34409.2.28 WINSTON-SALEM NORTHERN BELTWAY INTERCHANGE AT US 52. \$12,146,515.00 HAS PREVIOUSLY BEEN APPROVED FOR MAP ACT APPRAISAL AND FUTURE ACQUISITION OF SPECIFIC PARCELS. ADDITIONAL FUNDS ARE REQUESTED.	\$179,640.00
FORSYTH CO. DIV. 9 R-2577A REGIONAL	WBS 37405.2.4 US 158 FROM MULTI-LANES NORTH OF US 421 / I-40 BUSINESS TO SR 1965 (BELEWS CREEK ROAD). \$30,196,445.00 HAS PREVIOUSLY BEEN APPROVED FOR ADVANCED ACQUISITION OF A SPECIFIC PARCEL AND FULL RIGHT OF WAY. RIGHT-OF-WAY SPENDING HAS NOT OCCURRED AS QUICKLY AS ORIGINALLY ANTICIPATED; THEREFORE, THE CURRENT FUNDING AVAILABLE IN SFY 2023 WILL BE DECREASED BY \$12,000,000.00 AND MADE AVAILABLE FOR OTHER PROJECTS. \$12,000,000.00 WILL BE CASH-FLOWED FROM SFY 2025 TO BETTER ALIGN FUNDING AND EXPENDITURES.	\$0.00
DAVIE CO. DIV. 9 R-5854 DIVISION	WBS 47542.2.1 SR 1410 (FARMINGTON ROAD) AT I-40 EASTBOUND RAMP AND US 158 INTERSECTION. INITIAL FUNDS ARE REQUESTED FOR FULL RIGHT OF WAY.	\$75,000.00

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<b>TOWN / COUNTY DIVISION PROJ. CATEGORY</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
DAVIE CO. DIV. 9 R-5854 DIVISION	WBS 47542.2.2 SR 1410 (FARMINGTON ROAD) AT I-40 EASTBOUND RAMP AND US 158 INTERSECTION. INITIAL FUNDS ARE REQUESTED FOR UTILITIES.	\$300,000.00
ROWAN CO. DIV. 9 U-5820A DIVISION	WBS 44392.2.1 NEW ROUTE - FROM SR 2576 (BENDIX DRIVE) TO SR 1006 (FAITH ROAD) IN SALISBURY. \$3,199,000.00 HAS PREVIOUSLY BEEN APPROVED FOR FULL RIGHT OF WAY AND UTILITIES. ADDITIONAL FUNDS ARE REQUESTED.	\$95,600.00
FORSYTH CO. DIV. 9 U-5824 DIVISION	WBS 44395.2.1 NC 66 (OLD HOLLOW ROAD) FROM HARLEY DRIVE TO US 158 IN WALKERTOWN. \$18,500,000.00 HAS PREVIOUSLY BEEN APPROVED FOR FULL RIGHT OF WAY AND UTILITIES. RIGHT- OF-WAY SPENDING HAS NOT OCCURRED AS QUICKLY AS ORIGINALLY ANTICIPATED; THEREFORE, THE CURRENT FUNDING AVAILABLE IN SFY 2023 WILL BE DECREASED BY \$9,000,000.00 AND MADE AVAILABLE FOR OTHER PROJECTS. \$9,000,000.00 WILL BE CASH-FLOWED FROM SFY 2025 TO BETTER ALIGN FUNDING AND EXPENDITURES.	\$0.00
ROWAN CO. DIV. 9 U-5901 DIVISION	WBS 44705.1.2 NEW ROUTE, AIRPORT PARKWAY FROM SR 1710 (HARRISON ROAD) NEAR US 70 / US601 (JAKE ALEXANDER BOULEVARD) TO SR 2539 (PEACH ORCHARD ROAD) AT US 29 IN SALISBURY. INITIAL FUNDS ARE REQUESTED FOR PRELIMINARY ENGINEERING.	\$300,000.00
MECKLENBURG CO. DIV. 10 I-5828 STATEWIDE	WBS 50471.1.1 I-485 FROM I-77 TO 1.1 MILES NORTH OF I-77/US 21. \$112,243.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$354,000.00

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<b>TOWN / COUNTY DIVISION PROJ. CATEGORY</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
STANLY CO. DIV. 10 R-2530B REGIONAL	WBS 34446.2.5 NC 24 - 27 FROM BIRD ROAD IN ALBEMARLE TO WEST OF THE PEE DEE RIVER. \$24,200,000.00 HAS PREVIOUSLY BEEN APPROVED FOR FULL RIGHT OF WAY. ADDITIONAL STRATEGIC TRANSPORTATION INVESTMENTS FUNDS ARE REQUESTED. THIS IS A <b>BUILD NC BOND</b> PROJECT.	\$300,000.00
ANSON CO. DIV. 10 R-5878 REGIONAL	WBS 48407.1.1 WADESBORO BYPASS - NEW ROUTE FROM US 74 WEST OF WADESBORO TO US 74 EAST OF WADESBORO. \$250,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$2,250,000.00
MECKLENBURG CO. DIV. 10 U-5762 REGIONAL	WBS 50175.3.1 NC 160 (STEELE CREEK ROAD) AT INTERSECTION OF NC 160 (STEELE CREEK ROAD) AND SR 1106 (HAMILTON ROAD). \$1,884,874.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE REQUESTED.	\$150,000.00
MECKLENBURG CO. DIV. 10 U-5768 REGIONAL	WBS 50181.2.2 NC 49 FROM JOHN KIRK DRIVE TO I-485. \$6,500,000.00 HAS PREVIOUSLY BEEN APPROVED FOR UTILITIES. FUNDS NEED TO BE DECREASED (\$6,498,680.00). FUNDS ARE NOT NEEDED AT THIS TIME.	(\$6,498,680.00)
CABARRUS CO. DIV. 10 U-5806 DIVISION	WBS 44378.2.1 INTERSECTION OF SR 2894 (CONCORD MILLS BOULEVARD) AND ENTRANCE NO. 1 - KINGS GRANT PAVILION. \$2,115,000.00 HAS PREVIOUSLY BEEN APPROVED FOR FULL RIGHT OF WAY. ADDITIONAL FUNDS ARE REQUESTED.	\$158,800.00
UNION CO. DIV. 10 U-5808 DIVISION	WBS 44381.2.1 SR 1362 (CHESTNUT LANE CONNECTOR) FROM SR 1367 (MATTHEWS INDIAN TRAIL ROAD) TO SR 1368 (GRIBBLE ROAD). \$1,700,000.00 HAS PREVIOUSLY BEEN APPROVED FOR FULL RIGHT OF WAY AND UTILITIES. ADDITIONAL FUNDS ARE REQUESTED.	\$1,200,000.00

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<b>TOWN / COUNTY DIVISION PROJ. CATEGORY</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
SURRY CO. DIV. 11 AV-5859B DIVISION	WBS 47212.3.2 MT. AIRY- SURRY CO. AIRPORT (MWK) PHASE 2. CONSTRUCT GENERAL AVIATION APRON AND AIRCRAFT STORAGE HANGARS. \$4,764,775.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE REQUESTED.	\$100,800.00
CLEVELAND CO. DIV. 12 M-0488A REGIONAL	WBS 46404.1.14 US 74 (SHELBY BYPASS) - MAPACT LAWSUIT. \$1,369,231.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$133,500.00
CATAWBA CO. DIV. 12 U-5510 DIVISION	WBS 45532.3.2 SR 1468 (SWEETWATER ROAD EXTENSION) FROM US 70 TO SR 1148 (STARTOWN ROAD). \$3,803,894.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$126,400.00
BUNCOMBE CO. DIV. 13 I-2513B STATEWIDE	WBS 34165.2.20 I-26 FROM SR 3548 (HAYWOOD ROAD) TO SR 1781 (BROADWAY). \$2,046,392.00 INITIAL FUNDS ARE REQUESTED FOR ADVANCED ACQUISITION OF SPECIFIC PARCEL 352 (PROPERTY OF JACKSON TRADING CO.) AND \$1,969,081.00 ADVANCED ACQUISITION OF SPECIFIC PARCEL 327 (PROPERTY OF JERRY DEAN OWNBEY, JR.).	\$4,015,473.00
YANCEY CO. DIV. 13 R-2519A STATEWIDE	WBS 35609.2.1 US 19 EAST FROM SR 1336 (JACKS CREEK RD) TO NC 80 IN YANCEY COUNTY. \$25,324,258.00 HAS PREVIOUSLY BEEN APPROVED FOR FULL RIGHT OF WAY AND UTILITIES. ADDITIONAL FUNDS ARE REQUESTED. <b>THIS PROJECT HAS PREVIOUSLY BEEN IDENTIFIED AS A TRUST FUND INTRASTATE SYSTEM PROJECT.</b>	\$226,780.00

**NCDOT SEPTEMBER 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>
MITCHELL, YANCEY COS. DIV. 13 R-2519B STATEWIDE	WBS 35609.3.S2 US 19 EAST FROM NC 80 IN YANCEY COUNTY TO MULTI-LANE SECTION WEST OF SPRUCE PINE IN MITCHELL COUNTY. \$78,281,112.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE REQUESTED. <b>THIS IS A STRATEGIC TRANSPORTATION INVESTMENTS TRANSITION PROJECT.</b>	\$750,000.00
RUTHERFORD CO. DIV. 13 U-5833 DIVISION	WBS 50225.2.1 SR 2241 (OAK STREET) FROM SR 2159 (PINE RIDGE ROAD) TO US 74. \$1,104,055.00 HAS PREVIOUSLY BEEN APPROVED FOR FULL RIGHT OF WAY AND UTILITIES. ADDITIONAL STRATEGIC TRANSPORTATION INVESTMENTS FUNDS ARE REQUESTED. THIS IS A <b>BUILD NC BOND</b> PROJECT.	\$643,800.00
RUTHERFORD CO. DIV. 13 U-5833 DIVISION	WBS 50225.3.1 SR 2241 (OAK STREET) FROM SR 2159 (PINE RIDGE ROAD) TO US 74. \$5,900,832.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL STRATEGIC TRANSPORTATION INVESTMENTS FUNDS ARE REQUESTED. THIS IS A <b>BUILD NC BOND</b> PROJECT.	\$3,700,000.00
BUNCOMBE CO. DIV. 13 U-5834 DIVISION	WBS 50226.2.1 SR 3116 (MILLS GAP ROAD) FROM US 25 (HENDERSONVILLE ROAD) TO SR 3157(WESTON ROAD). \$18,491,278.00 HAS PREVIOUSLY BEEN APPROVED FOR FULL RIGHT OF WAY. RIGHT-OF-WAY SPENDING HAS NOT OCCURRED AS QUICKLY AS ORIGINALLY ANTICIPATED; THEREFORE, THE CURRENT FUNDING AVAILABLE IN SFY 2023 WILL BE DECREASED BY \$7,000,000.00 AND MADE AVAILABLE FOR OTHER PROJECTS. \$7,000,000.00 WILL BE CASH-FLOWED FROM SFY 2025 TO BETTER ALIGN FUNDING AND EXPENDITURES.	\$0.00

**NCDOT SEPTEMBER 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>
HAYWOOD CO. DIV. 14 B-5982 STATEWIDE	WBS 47814.1.1 REPLACE BRIDGE #95 OVER SOUTHERN RAILROAD ON US 74. \$218,200.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$151,000.00
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. \$14,482.00 HAS PREVIOUSLY BEEN APPROVED FOR FULL RIGHT OF WAY. ADDITIONAL FUNDS ARE REQUESTED.	\$11,000.00
HENDERSON CO. DIV. 14 I-4400BB STATEWIDE	WBS 34232.2.10 I-26 FROM US 64 (EXIT 49) TO US 25 BUSINESS (EXIT 44). \$2,000,000.00 HAS PREVIOUSLY BEEN APPROVED FOR FULL RIGHT OF WAY AND UTILITIES. ADDITIONAL FUNDS ARE REQUESTED.	\$126,878.00
JACKSON CO. DIV. 14 R-5600 REGIONAL	WBS 45818.2.1 NC 107 FROM NC 116 TO US 23 BUSINESS AND US 23 BUSINESS FROM SR 1432 (SKYLAND DRIVE) TO MUNICIPAL DRIVE. \$48,700,000.00 HAS PREVIOUSLY BEEN APPROVED FOR FULL RIGHT OF WAY. RIGHT-OF-WAY SPENDING HAS NOT OCCURRED AS QUICKLY AS ORIGINALLY ANTICIPATED; THEREFORE, THE CURRENT FUNDING AVAILABLE IN SFY 2023 WILL BE DECREASED BY \$9,000,000.00 AND MADE AVAILABLE FOR OTHER PROJECTS. \$9,000,000.00 WILL BE CASH-FLOWED FROM SFY 25 TO BETTER ALIGN FUNDING AND EXPENDITURES. THIS IS A <b>BUILD NC BOND</b> PROJECT.	\$0.00
MACON CO. DIV. 14 R-5734B REGIONAL	WBS 50192.1.2 US 23/US 441 FROM SR 1652 (WIDE HORIZON DRIVE) / SR 1152 (BELDEN CIRCLE) TO SR 1649 (PRENTISS BRIDGE ROAD). \$1,559,650.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$133,200.00

**NCDOT SEPTEMBER 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>
CLAY CO. DIV. 14 R-5742 DIVISION	WBS 46325.2.1 NC 175 FROM GEORGIA STATE LINE TO US 64. \$3,822,655.00 HAS PREVIOUSLY BEEN APPROVED FOR FULL RIGHT OF WAY AND UTILITIES. ADDITIONAL STRATEGIC TRANSPORTATION INVESTMENTS FUNDS ARE REQUESTED. THIS IS A <b>BUILD NC BOND</b> PROJECT.	\$610,700.00
CLAY CO. DIV. 14 R-5742 DIVISION	WBS 46325.3.1 NC 175 - FROM GEORGIA STATE LINE TO US 64. \$24,162,977.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL STRATEGIC TRANSPORTATION INVESTMENTS FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET. THIS IS A <b>BUILD NC BOND</b> PROJECT.	\$1,285,000.00
HAYWOOD CO. DIV. 14 U-5839 DIVISION	WBS 50230.2.1 US 276 (RUSS AVENUE) FROM US 23/74 TO US 23 BUSINESS (MAIN STREET). \$6,200,000.00 HAS PREVIOUSLY BEEN APPROVED FOR FULL RIGHT OF WAY. ADDITIONAL STRATEGIC TRANSPORTATION INVESTMENTS FUNDS ARE REQUESTED. THIS IS A <b>BUILD NC BOND</b> PROJECT.	\$5,000,000.00
HENDERSON CO. DIV. 14 U-5840 DIVISION	WBS 50231.2.1 SR 1547 (OLD AIRPORT ROAD) FROM US 25 TO MILLS GAP ROAD. \$2,377,060.00 HAS PREVIOUSLY BEEN APPROVED FOR FULL RIGHT OF WAY AND UTILITIES. ADDITIONAL STRATEGIC TRANSPORTATION INVESTMENTS FUNDS ARE REQUESTED. THIS IS A <b>BUILD NC BOND</b> PROJECT.	\$66,100.00
HAYWOOD CO. DIV. 14 U-5888 DIVISION	WBS 44625.2.1 INTERSECTION OF US 23 BUSINESS (NORTH MAIN STREET) AND WALNUT STREET. \$3,345,237.00 HAS PREVIOUSLY BEEN APPROVED FOR FULL RIGHT OF WAY. ADDITIONAL FUNDS ARE REQUESTED.	\$558,700.00

**NCDOT SEPTEMBER 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>
STATEWIDE HB-9999A SW/REG/DIV	WBS 49362.1.1 BRIDGE INSPECTION PROGRAM - INSPECTIONS. \$26,000,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET USING 40% STATEWIDE (\$4, 640,000.00) / 30% REGIONAL (\$3,480,000.00) / 30% DIVISION (\$3,480,000.00) TIER FUNDING.	\$11,600,000.00
STATEWIDE HB-9999B SW/REG/DIV	WBS 49362.1.2 BRIDGE INSPECTION PROGRAM - SI&A (STRUCTURE INVENTORY AND APPRAISAL). \$1,100,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET USING 40% STATEWIDE (\$118,800.00) / 30% REGIONAL (\$89,100.00) / 30% DIVISION (\$89,100.00) TIER FUNDING.	\$297,000.00
STATEWIDE HB-9999C SW/REG/DIV	WBS 49362.1.3 BRIDGE INSPECTION PROGRAM - ANALYSIS. \$2,600,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET USING 40% STATEWIDE (\$368,000.00) / 30% REGIONAL (\$276,000.00) / 30% DIVISION (\$276,000.00) TIER FUNDING.	\$920,000.00
STATEWIDE M-0194 STATEWIDE	WBS 34263.1.1 FEASIBILITY STUDIES BY DIVISION OF PLANNING AND PROGRAMMING. \$100,825,381.00 HAS PREVIOUSLY BEEN APPROVED FOR FEASIBILITY STUDIES. ADDITIONAL FUNDS ARE REQUESTED. THIS PROJECT HAS PREVIOUSLY BEEN IDENTIFIED AS A TRUST FUND SPECIFIC STATE FUNDS FOR CONSTRUCTION PROJECT.	\$5,000,000.00



**NCDOT SEPTEMBER 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>
STATEWIDE M-0376 SW/REG/DIV	WBS 39406.1.3 GEOTECHNICAL INVESTIGATIONS, STUDIES AND PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS, STATEWIDE. \$4,729,561.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET USING 40% STATEWIDE (\$68,000.00) / 30% REGIONAL (\$51,000.00) / 30% DIVISION (\$51,000.00) TIER FUNDING.	\$170,000.00
STATEWIDE M-0451 SW/REG/DIV	WBS 43534.1.1 STATEWIDE LANDSCAPE PLANS FOR STIP CONSTRUCTION PROJECTS. \$1,962,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED USING 40% STATEWIDE (\$200,000.00) / 30% REGIONAL (\$150,000.000) / 30% DIVISION (\$150,000.00) TIER FUNDING. <b>THIS PROJECT HAS PREVIOUSLY BEEN IDENTIFIED AS A TRUST FUND SPECIFIC STATE FUNDS FOR CONSTRUCTION PROJECT.</b>	\$500,000.00
STATEWIDE M-0505 DIVISION	WBS 46440.1.1 IMPLEMENTATION OF TRANSPORTATION PROGRAM MANAGEMENT UNIT (TPMU) OVERSIGHT FOR LOCALLY-ADMINISTERED PROJECTS INCLUDING PREPARATION OF AGREEMENTS AND FUNDING AUTHORIZATION REQUESTS. \$1,106,345.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$124,200.00
STATEWIDE M-0515 SW/DIV	WBS 46880.2.1 REVIEW OF LOCAL PUBLIC AGENCY (LPA) PROJECTS BY THE APPRAISAL SECTION. \$286,649.00 HAS PREVIOUSLY BEEN APPROVED FOR RIGHT OF WAY ASSOCIATED WITH THE REVIEW OF LOCAL PUBLIC AGENCY (LPA) PROJECTS BY THE APPRAISAL SECTION. ADDITIONAL FUNDS ARE REQUESTED.	\$298,200.00

**NCDOT SEPTEMBER 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>
STATEWIDE P-5602EP SW/REG/DIV	WBS 46393.1.45 STI 7.0 SUPPORT. INITIAL FUNDS ARE REQUESTED FOR PRELIMINARY ENGINEERING USING 40% STATEWIDE (\$40,000.00) / 30% REGIONAL (\$30,000.00) / 30% DIVISION (\$30,000.00) TIER FUNDING.	\$100,000.00
<b>DIVISION STRATEGIC TRANSPORTATION INVESTMENTS</b>	<b>27 PROJECTS</b>	<b>\$30,896,400.00</b>
<b>REGIONAL STRATEGIC TRANSPORTATION INVESTMENTS</b>	<b>29 PROJECTS</b>	<b>\$47,791,548.00</b>
<b>STATEWIDE STRATEGIC TRANSPORTATION INVESTMENTS</b>	<b>30 PROJECTS</b>	<b>\$20,201,876.00</b>
<b>SW/REG/DIV STRATEGIC TRANSPORTATION INVESTMENTS</b>	<b>5 PROJECTS</b>	<b>\$13,087,000.00</b>
<b>SW/REG STRATEGIC TRANSPORTATION INVESTMENTS</b>	<b>3 PROJECTS</b>	<b>\$1,124,081.00</b>
<b>SW/DIV STRATEGIC TRANSPORTATION INVESTMENTS</b>	<b>1 PROJECT</b>	<b>\$298,200.00</b>
<b>STRATEGIC TRANSPORTATION INVESTMENTS</b>	<b>95 PROJECTS</b>	<b>\$113,399,105.00</b>

\*\*\*Correction and resubmission from August 11, 2022 Board Approval (Page K-26) As reads:

MECKLENBURG CO. DIV. 10 I-5507 SW/DIV	WBS 43609.2.2 I-485 FROM I-77 SOUTH OF CHARLOTTE TO US 74 (INDEPENDENCE BOULEVARD). \$20,700,000.00 HAS PREVIOUSLY BEEN APPROVED FOR FULL RIGHT OF WAY AND UTILITIES. ADDITIONAL FUNDS ARE REQUESTED. THIS IS A <b>CASH FLOW</b> PROJECT WITH \$10,000,000.00 IN SFY 23, \$10,000,000.00 IN SFY 24 AND \$11,000,000. 00 IN SFY 25.	\$31,000,000.00
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\*\*\*The correction should be:

MECKLENBURG CO. DIV. 10 I-5507 SW/DIV	WBS 43609.2.2 I-485 FROM I-77 SOUTH OF CHARLOTTE TO US 74 (INDEPENDENCE BOULEVARD). \$20,700,000.00 HAS PREVIOUSLY BEEN APPROVED FOR FULL RIGHT OF WAY AND UTILITIES. ADDITIONAL FUNDS ARE REQUESTED. THIS IS A <b>CASH FLOW</b> PROJECT WITH \$10,000,000.00 IN SFY 23 (\$4,800,000.00 STATEWIDE & \$5,200,000.00 DIVISION), \$10,000,000.00 IN SFY 24 (\$4,800,000.00 STATEWIDE & \$5,200,000.00 DIVISION) AND \$11,000,000. 00 IN SFY 25 (\$5,280,000.00 STATEWIDE & \$5,720,000.00 DIVISION).	\$31,000,000.00
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\*\*\*Correction and resubmission from August 6, 2020 Board Approval (Page K-13) As reads:

MECKLENBURG CO. DIV. 10 U-5907 DIV/BA	WBS 46452.1.1 POTTS-SLOAN-BEATTY CONNECTOR IN DAVIDSON. \$900,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET. ADDITIONAL FUNDS ARE REQUESTED USING DIVISION TIER FUNDING.	\$140,000.00
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\*\*\*The correction should be:

MECKLENBURG CO. DIV. 10 U-5907 <b>BA</b>	WBS 46452.1.1 POTTS-SLOAN-BEATTY CONNECTOR IN DAVIDSON. \$900,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET. ADDITIONAL FUNDS ARE REQUESTED.	\$140,000.00
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**NCDOT SEPTEMBER 2022 BOARD OF TRANSPORTATION AGENDA  
APPROVAL OF FUNDS FOR SPECIFIC SPOT SAFETY IMPROVEMENT PROJECTS  
AND FOR SPECIFIC SPOT MOBILITY PROJECTS**

L-1

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

<b>TOWN / COUNTY DIVISION PROJ.</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
CURRITUCK CO. DIV. 1 SS-6001K	WBS 49373.3.1 US 158 BETWEEN 1,200 FEET NORTH OF SR 1405 (WATERLILY ROAD) AND SR 1466 (AUGUSTA DRIVE). \$103,500 IN SPOT SAFETY CONSTRUCTION FUNDS HAS PREVIOUSLY BEEN APPROVED FOR SHOULDER RUMBLE STRIP INSTALLATION. ADDITIONAL FUNDS ARE NEEDED DUE TO INCREASED CONSTRUCTION COSTS. FILE 01-19-57688-1	\$36,500.00
PASQUOTANK, PERQUIMANS COS. DIV. 1 SS-6201E	WBS 50485 US 17 BETWEEN THE PERQUIMANS RIVER BRIDGE, ABOUT 0.8 MILE WEST OF SR 1300 IN PERQUIMANS COUNTY, AND US 17 BYPASS IN PASQUOTANK COUNTY. \$268,000 IN SPOT SAFETY FUNDS HAS PREVIOUSLY BEEN APPROVED FOR LONG LIFE PAVEMENT MARKINGS, RAISED PAVEMENT MARKERS, AND RUMBLE STRIPS INSTALLATION. ADDITIONAL FUNDS ARE NEEDED DUE TO INCREASED CONSTRUCTION COSTS. FILE 01-22-66197-1	\$108,000.00
JAMESVILLE / MARTIN CO. DIV. 1 SS-6201F	WBS 50567 US 64 AT NC 171. INITIAL SPOT SAFETY FUNDS ARE NEEDED FOR DYNAMIC RED EXTENSION SYSTEM INSTALLATION. FILE 01-22-67765	\$55,000.00
GREENVILLE / PITT CO. DIV. 2 SM-6102B	WBS 50597 US 264 ALTERNATE/NC 43 (GREENVILLE BOULEVARD) AT NC 11/NC 43/ NC 903 (MEMORIAL DRIVE); AND NC 11/NC 903 (MEMORIAL DRIVE) AT MALL DRIVE. INITIAL SPOT MOBILITY FUNDS ARE NEEDED FOR TURN LANE REVISIONS AND CONSTRUCTION. FILE 02-20-59901-1	\$750,000.00

**NCDOT SEPTEMBER 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>
LENOIR CO. DIV. 2 SS-6002T	WBS 49509.3.1 NC 55 AT NC 903. \$25,200 IN SPOT SAFETY CONSTRUCTION FUNDS HAS PREVIOUSLY BEEN APPROVED FOR ALL WAY STOP INSTALLATION. REVISE SCOPE TO INCLUDE INSTALLATION OF AN ALL WAY STOP AT NC 903 AT SR 1300 (DAVIS-HARDY ROAD). ADDITIONAL FUNDS ARE NEEDED DUE TO SCOPE REVISION. FILE 02-20-62591-1	\$17,800.00
JONES CO. DIV. 2 SS-6202M	WBS 50599 US 258 AT NC 41. INITIAL SPOT SAFETY FUNDS ARE NEEDED FOR STOP SIGN, WARNING SIGN, AND PAVEMENT MARKING UPGRADES. FILE 02-21-65786	\$16,000.00
GREENVILLE / PITT CO. DIV. 2 SS-6202N	WBS 50568 SR 1707 (CHARLES BOULEVARD) AT ELM STREET/WALL STREET; SR 1707 (CHARLES BOULEVARD) AT THE SOUTHERN INTERSECTION OF OAKMONT DRIVE; US 264 ALTERNATE (GREENVILLE BOULEVARD) AT BELVEDERE DRIVE; US 264 ALTERNATE (GREENVILLE BOULEVARD) AT LUCI DRIVE; AND, NC 33 (10TH STREET) AT HARBOR POINTE DRIVE. INITIAL SPOT SAFETY FUNDS ARE NEEDED FOR PERMANENT LEFT-OVER INSTALLATIONS. FILE 02-22-67320	\$136,000.00
CRAVEN CO. DIV. 2 SS-6202O	WBS 50569 NC 55 AT SR 1600 (BROAD CREEK ROAD/HALF MOON ROAD). INITIAL SPOT SAFETY FUNDS ARE NEEDED FOR TRAFFIC SIGNAL UPGRADES AND BE PREPARED TO STOP SIGN AND FLASHER INSTALLATION. FILE 02-22-67664	\$66,000.00

**NCDOT SEPTEMBER 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>
LENOIR CO. DIV. 2 SS-6202P	WBS 50570 NC 11 BETWEEN SR 1115 (BOB STROUD ROAD) AND SR 1177 (JORDON ROAD). INITIAL SPOT SAFETY FUNDS ARE NEEDED FOR RUMBLE STRIPS INSTALLATION. FILE 02-22-67665	\$111,000.00
CARTERET CO. DIV. 2 SS-6202Q	WBS 50571 NC 24 BETWEEN 440 FEET WEST AND 1,760 FEET EAST OF SR 1119 (RED BARN ROAD). INITIAL SPOT SAFETY FUNDS ARE NEEDED FOR REDUCED CONFLICT INTERSECTION INSTALLATION. FILE 02-22-67981	\$185,000.00
DIVISIONWIDE CO. DIV. 3 SM-5703A	WBS 48729.3.1 DIV. 3 SCHOOL REIMBURSEMENT - FUNDS TO PROVIDE REIMBURSEMENTS FOR ROAD IMPROVEMENTS ADJACENT TO SCHOOLS PER 136-18(29A). \$637,929.97 IN SPOT MOBILITY CONSTRUCTION FUNDS HAS PREVIOUSLY BEEN APPROVED FOR ROAD IMPROVEMENTS ADJACENT TO SCHOOLS IN DIVISION 3 PER 136-18(29A). ADDITIONAL FUNDS ARE NEEDED FOR ADDITIONAL REIMBURSEMENTS. FILE 03-19-001-1	\$521,000.00
BRUNSWICK CO. DIV. 3 SS-6203X	WBS 50572 SR 1300 (CALABASH ROAD/ASH LITTLE RIVER ROAD) AND SR 1303 (HICKMAN ROAD). INITIAL SPOT SAFETY FUNDS ARE NEEDED FOR TRAFFIC SIGNAL INSTALLATION. FILE 03-21-66796	\$301,000.00

**SEPTEMBER 8, 2022**

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

L-4

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

<b>TOWN / COUNTY DIVISION PROJ.</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
WAYNE CO. DIV. 4 SS-6204Q	WBS 50573 NC 581 AT SR 1915 (ARRINGTON BRIDGE ROAD). INITIAL SPOT SAFETY FUNDS ARE NEEDED FOR STOP SIGNS, STOP AHEAD WARNING SIGNS, PAVEMENT MARKINGS, AND TUBULAR MARKERS INSTALLATIONS. FILE 04-22-67663	\$7,000.00
JOHNSTON CO. DIV. 4 SS-6204R	WBS 50574 SR 1162 (BLACK CREEK ROAD) AT SR 1343 (PACKING PLANT ROAD). INITIAL SPOT SAFETY FUNDS ARE NEEDED FOR ROADWAY REALIGNMENT. FILE 04-22-67669	\$121,000.00
DUPLIN, WAYNE COS. DIV. 4 SS-6204S	WBS 50575 SR 1937 (KELLY SPRINGS ROAD)/SR 1558 (GRAHAM ROAD) BETWEEN NC 55 IN WAYNE COUNTY AND NC 403 IN DUPLIN COUNTY. INITIAL SPOT SAFETY FUNDS ARE NEEDED FOR RUMBLE STRIPES WITH 6-INCH WIDE MARKINGS INSTALLATION. FILE 04-22-67767	\$33,000.00
JOHNSTON, NASH COS. DIV. 4 SS-6204T	WBS 50576 NC 50 AT SR 1322 (STEPHENSON ROAD); SR 2141 (BIZZELL GROVE CHURCH ROAD) AT SR 2335 (LOWELL MILL ROAD); AND NC 97 AT SR 1001 (OLD BAILEY HWY). INITIAL SPOT SAFETY FUNDS ARE NEEDED FOR ALL WAY STOP INSTALLATIONS. FILE 04-22-62433	\$200,000.00



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

L-5

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

<b>TOWN / COUNTY DIVISION PROJ.</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
WAKE CO. DIV. 5 SM-5705AN	WBS 49356.3.1 AREA INCLUSIVE OF THE N.C. STATE UNIVERSITY CAMPUS. \$1,491,051 IN SPOT MOBILITY CONSTRUCTION FUNDS HAS PREVIOUSLY BEEN APPROVED FOR A MULTIMODAL CONNECTED VEHICLE PILOT PROJECT. THIS PROJECT IS A 50% COMPANION MATCH TO FEDERAL ATCMTD GRANT FUNDS FOR HO-0001AA (49368.3.5). RE-OPEN CONSTRUCTION WBS, INCREASE FUNDS, TRANSFER \$165,397 FROM SM-5705AN (49356.3.1) TO HO-0001AA (49368.3.5) TO COVER THE 50% MATCH NEEDED, AND THEN RE-CLOSE 49356.3.1. FILE 05-20-002-8	\$165,397.00
RALEIGH /WAKE CO. DIV. 5 SM-5705Y	WBS 48588.1.1 SR 2036 (NEW HOPE ROAD) AT SR 2286 (SKYCREST ROAD). \$35,771.21 IN SPOT MOBILITY PRELIMINARY ENGINEERING FUNDS HAS PREVIOUSLY BEEN APPROVED FOR TURN LANE CONSTRUCTION. ADDITIONAL FUNDS ARE NEEDED DUE TO INCREASED PRELIMINARY ENGINEERING COSTS. FILE 05-18-54578-1	\$17,800.00
RALEIGH /WAKE CO. DIV. 5 SM-5705Y	WBS 48588.2.1 SR 2036 (NEW HOPE ROAD) AT SR 2286 (SKYCREST ROAD). \$45,000 IN SPOT MOBILITY RIGHT OF WAY AND UTILITIES FUNDS HAS PREVIOUSLY BEEN APPROVED FOR TURN LANE CONSTRUCTION. PROJECT DOES NOT NEED RIGHT OF WAY AND UTILITIES FUNDS. REDUCE FUNDS AND CLOSE. FILE 05-18-54578-2	(\$45,000.00)

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

L-6

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

<b>TOWN / COUNTY DIVISION PROJ.</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
RALEIGH / WAKE CO. DIV. 5 SM-5705Y	WBS 48588.3.1 SR 2036 (NEW HOPE ROAD) AT SR 2286 (SKYCREST ROAD). \$250,000 IN SPOT MOBILITY CONSTRUCTION FUNDS HAS PREVIOUSLY BEEN APPROVED FOR TURN LANE CONSTRUCTION. ADDITIONAL FUNDS ARE NEEDED DUE TO INCREASED CONSTRUCTION COSTS. FILE 05-18-54578-3	\$200,000.00
RALEIGH / WAKE CO. DIV. 5 SM-6105D	WBS 50563 SR 2542 (ROCK QUARRY ROAD) AT INTERLOCK DRIVE. INITIAL SPOT MOBILITY FUNDS ARE NEEDED FOR TRAFFIC SIGNAL INSTALLATION. FILE 05-16-0725	\$110,000.00
ROBESON CO. DIV. 6 SS-6206P	WBS 50577 US 501/NC 130 BETWEEN THE MUNICIPAL LIMITS OF ROWLAND AND THE NC 130 SPLIT. INITIAL SPOT SAFETY FUNDS ARE NEEDED FOR RUMBLE STRIPES WITH 6-INCHWIDE MARKINGS AND RAISED PAVEMENT MARKERS INSTALLATION. FILE 06-22-67953	\$270,000.00
FAYETTEVILLE / CUMBERLAND CO. DIV. 6 SS-6206Q	WBS 50578 US 401 (PAMALEE DRIVE) CURVE IN THE VICINITY OF CORA LEE DRIVE. INITIAL SPOT SAFETY FUNDS ARE NEEDED FOR DYNAMIC CURVE WARNING SYSTEM CHEVRONS. FILE 06-22-67592	\$110,000.00
BLADEN CO. DIV. 6 SS-6206R	WBS 50579 NC 242 AT SR 1002 (OLD FAYETTEVILLE ROAD). INITIAL SPOT SAFETY FUNDS ARE NEEDED FOR AN ALL WAY STOP INSTALLATION. FILE 06-21-65064	\$35,000.00

**SEPTEMBER 8, 2022**

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

L-7

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

<b>TOWN / COUNTY DIVISION PROJ.</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
DIVISIONWIDE CO. DIV. 6 SS-6206S	WBS 50580 VARIOUS LOCATIONS ACROSS MULTIPLE COUNTIES. INITIAL SPOT SAFETY FUNDS ARE NEEDED FOR PAVEMENT MARKING INSTALLATIONS. FILE 06-22-67196	\$70,000.00
DIVISIONWIDE CO. DIV. 7 SM-5707E	WBS 48721.3.1 DIV. 7 SCHOOL REIMBURSEMENT - FUNDS TO PROVIDE REIMBURSEMENTS FOR ROAD IMPROVEMENTS ADJACENT TO SCHOOLS PER 136-18(29A). \$1,224,607.94 IN SPOT MOBILITY CONSTRUCTION FUNDS HAS PREVIOUSLY BEEN APPROVED TO PROVIDE REIMBURSEMENTS FOR ROAD IMPROVEMENTS ADJACENT TO SCHOOLS IN DIVISION 7 PER GS 136-18(29A). ADDITIONAL FUNDS ARE NEEDED FOR ADDITIONAL REIMBURSEMENTS. FILE 07-19-001-4	\$320,000.00
GUILFORD CO. DIV. 7 SM-6107C	WBS 50564 NC 62 AT SR 1007 (RANDLEMAN ROAD) SOUTH OF GREENSBORO. INITIAL SPOT MOBILITY FUNDS ARE NEEDED FOR TRAFFIC SIGNAL UPGRADES. FILE 07-22-7061	\$23,000.00
SUMMERFIELD / GUILFORD CO. DIV. 7 SS-6207I	WBS 50581 US 220 AT NC 150/SR 2204 (AUBURN ROAD). INITIAL SPOT SAFETY FUNDS ARE NEEDED FOR TRAFFIC SIGNAL UPGRADES. FILE 07-22-7979	\$10,000.00

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

L-8

**ACCORDING TO EXECUTIVE ORDER NO. 2 AND G.S. 143B-350(G) THE BOARD IS REQUESTED TO  
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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>
CHATHAM, LEE COS. DIV. 8 SS-6208F	WBS 50582 NC 42 FROM SR 1579 (BROADWAY ROAD) TO THE HARNETT COUNTY LINE. INITIAL SPOT SAFETY FUNDS ARE NEEDED FOR WARNING SIGN INSTALLATION, PAVEMENT MARKING AND SNOWPLOWABLE PAVEMENT DELINEATOR UPGRADES, AND VEGETATION REMOVAL. FILE 08-22-68100	\$250,000.00
DIVISIONWIDE CO. DIV. 9 SM-5709C	WBS 47723.3.1 DIV. 9 SCHOOL REIMBURSEMENT - FUNDS TO PROVIDE REIMBURSEMENTS FOR ROAD IMPROVEMENTS ADJACENT TO SCHOOLS PER 136-18(29A). \$608,880.48 IN SPOT MOBILITY CONSTRUCTION FUNDS HAS PREVIOUSLY BEEN APPROVED FOR ROAD IMPROVEMENTS ADJACENT TO SCHOOLS IN DIVISION 3 PER 136-18(29A). ADDITIONAL FUNDS ARE NEEDED FOR ADDITIONAL REIMBURSEMENTS. FILE 09-17-002-1	\$916,000.00
ROWAN CO. DIV. 9 SS-6209H	WBS 50584 SR 2344 (SIDES ROAD) AT SR 2375 (GOLD KNOB ROAD)/ SR 2405 (SIDES STREET) NORTH OF ROCKWELL. INITIAL SPOT SAFETY FUNDS ARE NEEDED FOR AN ALL WAY STOP INSTALLATION. FILE 09-22-8060	\$15,000.00
ROWAN CO. DIV. 9 SS-6209I	WBS 50585 SR 1221 (OLD BEATTY FORD ROAD) AT SR 2783 (BOSTIAN ROAD) SOUTHEAST OF LANDIS. INITIAL SPOT SAFETY FUNDS ARE NEEDED FOR AN ALL WAY STOP INSTALLATION. FILE 09-21-5210	\$10,000.00

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

L-9

**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>
HEMBY BRIDGE / UNION CO. DIV. 10 SM-6110E	WBS 50565 SR 1520 (INDIAN TRAIL FAIRVIEW ROAD) AND SR 1501 (IDLEWILD ROAD/SECREST SHORTCUT ROAD). INITIAL SPOT MOBILITY FUNDS ARE NEEDED FOR TURN LANE REVISIONS. FILE 10-20-205	\$482,000.00
RED CROSS / STANLY CO. DIV. 10 SS-6210L	WBS 50587 NC 24/27 AND NC 205. INITIAL SPOT SAFETY FUNDS ARE NEEDED FOR TRAFFIC SIGNAL UPGRADES. FILE 10-22-207	\$40,000.00
UNION CO. DIV. 10 SS-6210M	WBS 50588 SR 1758 (WHITMORE ROAD) AND SR 1957 (OLD PAGELAND MARSHVILLE ROAD). INITIAL SPOT SAFETY FUNDS ARE NEEDED FOR AN ALL WAY STOP INSTALLATION WITH FLASHER UPGRADES. FILE 10-20-232	\$19,000.00
ANSON, STANLY COS. DIV. 10 SS-6210N	WBS 50589 MULTIPLE ROUTES IN ANSON AND STANLY COUNTIES. INITIAL SPOT SAFETY FUNDS ARE NEEDED FOR CURVE WARNING SIGN INSTALLATIONS AND UPGRADES. FILE 10-22-208	\$29,000.00
GAMEWELL / CALDWELL CO. DIV. 11 SS-6211J	WBS 50590 US 64/NC 18 (MORGANTON BOULEVARD) FROM SR 1190 (OLD MORGANTON ROAD) TO MELVIEW ROAD INCLUDING SIGNAL AT SR 1404 (BEECHER ANDERSON ROAD). INITIAL SPOT SAFETY FUNDS ARE NEEDED FOR TRAFFIC SIGNAL, PAVEMENT MARKING, AND GUARDRAIL UPGRADES. FILE 11-22-204	\$50,000.00

**NCDOT SEPTEMBER 2022 BOARD OF TRANSPORTATION AGENDA  
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L-10

**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>
ASHEVILLE / BUNCOMBE CO. DIV. 13 SM-6113C	WBS 50566 NC 280 (AIRPORT ROAD) AT SR 3539 (FANNING BRIDGE ROAD). INITIAL SPOT MOBILITY FUNDS ARE NEEDED FOR TURN LANE CONSTRUCTION. FILE 13-20-218	\$700,000.00
ASHEVILLE / BUNCOMBE CO. DIV. 13 SS-6213I	WBS 50591 SR 3503 (OVERLOOK ROAD), 0.29 MILE NORTH OF NC 146. INITIAL SPOT SAFETY FUNDS ARE NEEDED FOR RECTANGULAR RAPID FLASHING BEACON INSTALLATION, PEDESTRIAN ACCOMMODATIONS, AND CROSSWALK MARKING UPGRADES. FILE 13-22-209	\$57,000.00
ASHEVILLE / BUNCOMBE CO. DIV. 13 SS-6213J	WBS 50592 SR 1338 (EMMA ROAD) AT BINGHAM ROAD. INITIAL SPOT SAFETY FUNDS ARE NEEDED FOR AN ALL WAY STOP INSTALLATION. FILE 13-22-206	\$8,000.00
SWAIN CO. DIV. 14 SS-6214I	WBS 50593 SR 1168/1190 (HYATT CREEK ROAD) AT SR 1168 (WALKER WOODY ROAD)/SR 1191 (OLD BRYSON CITY ROAD) NEAR BRYSON CITY. INITIAL SPOT SAFETY FUNDS ARE NEEDED FOR A MODULAR MINI-ROUNDBOUT INSTALLATION. FILE 14-22-216	\$68,000.00
HENDERSONVILLE / HENDERSON CO. DIV. 14 SS-6214J	WBS 50594 SR 1508 (SIGNAL HILL ROAD) AT SR 1519 (THOMPSON STREET)/SHOPPING CENTER ENTRANCE). INITIAL SPOT SAFETY FUNDS ARE NEEDED FOR AN ALL WAY STOP INSTALLATION. FILE 14-22-214	\$9,000.00

**NCDOT SEPTEMBER 2022 BOARD OF TRANSPORTATION AGENDA  
APPROVAL OF FUNDS FOR SPECIFIC SPOT SAFETY IMPROVEMENT PROJECTS  
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L-11

**ACCORDING TO EXECUTIVE ORDER NO. 2 AND G.S. 143B-350(G) THE BOARD IS REQUESTED TO  
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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>
HENDERSON CO. DIV. 14 SS-6214K	WBS 50595 SR 1503 (CLEAR CREEK ROAD/NORTH MAIN STREET) AT SR 1508 (BERKELEY ROAD/SIGNAL HILL ROAD) NEAR HENDERSONVILLE. INITIAL SPOT SAFETY FUNDS ARE NEEDED FOR TRAFFIC SIGNAL UPGRADES. FILE 14-22-208	\$25,000.00
JACKSON CO. DIV. 14 SS-6214L	WBS 50596 SR 1424 (OLIVET CHURCH ROAD) FROM US 441 TO SR 1427 NEAR CHEROKEE. INITIAL SPOT SAFETY FUNDS ARE NEEDED FOR GUARDRAIL INSTALLATION. FILE 14-20-206	\$212,000.00
STATEWIDE SS-6015D	WBS 50605 STATEWIDE STUDY - VARIOUS ROUTES IN ALL COUNTIES. INITIAL SPOT SAFETY FUNDS ARE NEEDED FOR AN ASSESSMENT OF THE CURRENT INFRASTRUCTURE AND THE REQUIRED ADJUSTMENTS FOR SAFE OPERATION OF VEHICLES' AUTONOMY FUNCTIONALITIES IN RURAL AREAS. FILE SW-22-003	\$240,000.00
<b>ITEM L SUMMARY</b>	<b>45 PROJECTS</b>	<b>\$7,080,497.00</b>





**NCDOT SEPTEMBER 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-2500B EXEMPT	WBS 32635.3.10, FEDERAL NO. BRNHF-0012(056) RODANTHE ON NC 12 LONG-TERM IMPROVEMENTS (PHASE II). \$170,000,739.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE NEEDED AS REQUESTED.	\$15,500,000.00 Cost \$12,400,000.00 Fed. \$3,100,000.00 State
PASQUOTANK CO. B-6053 DIVISION	WBS 48754.1.1, FEDERAL NO. STBG-0111(026) REPLACE MUNICIPAL BRIDGE #34 OVER KNOBBS CREEK TRIBUTARY ON PROVIDENCE ROAD IN ELIZABETH CITY. \$252,080.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE NEEDED AS REQUESTED.	\$25,000.00 Cost \$20,000.00 Fed. \$5,000.00 Local
PASQUOTANK CO. B-6053 DIVISION	WBS 48754.3.1, FEDERAL NO. STBG-0111(026) REPLACE MUNICIPAL BRIDGE #34 OVER KNOBBS CREEK TRIBUTARY ON PROVIDENCE ROAD IN ELIZABETH CITY. \$1,280,000.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE NEEDED AS REQUESTED.	\$125,000.00 Cost \$100,000.00 Fed. \$25,000.00 Local
PASQUOTANK CO. B-6053 DIVISION	WBS 48754.2.2, FEDERAL NO. STBG-0111(026) REPLACE MUNICIPAL BRIDGE #34 OVER KNOBBS CREEK TRIBUTARY ON PROVIDENCE ROAD IN ELIZABETH CITY. \$104,000.00 HAS PREVIOUSLY BEEN APPROVED FOR RIGHT OF WAY AND UTILITIES. ADDITIONAL FUNDS ARE NEEDED AS REQUESTED.	\$5,000.00 Cost \$4,000.00 Fed. \$1,000.00 Local
PASQUOTANK CO. HS-2001C DIVISION	WBS 49296.1.4, FEDERAL NO. 1354006 SR 1354 (MILLPOND ROAD) FROM US 158 AND SR 1001 (TURNPIKE ROAD). FUNDS ARE NEEDED FOR PRELIMINARY ENGINEERING.	\$1,000.00 Cost \$900.00 Fed. \$100.00 State

**NCDOT SEPTEMBER 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>		
CAMDEN/ PASQUOTANK/ PERQUIMANS COS. HS-2001D DIVISION	WBS 49296.1.5, FEDERAL NO. 00SS141 SAFETY IMPROVEMENTS ON VARIOUS ROUTES IN CAMDEN, PASQUOTANK, AND PERQUIMANS COUNTY. FUNDS ARE NEEDED FOR PRELIMINARY ENGINEERING.	\$1,000.00 Cost \$900.00 Fed. \$100.00 State
BERTIE/ CURRITUCK COS. HS-2001E DIVISION	WBS 49296.1.6, FEDERAL NO. 00SS140 SAFETY IMPROVEMENTS ON VARIOUS ROUTES IN BERTIE AND CURRITUCK COUNTIES. FUNDS ARE NEEDED FOR PRELIMINARY ENGINEERING.	\$1,000.00 Cost \$900.00 Fed. \$100.00 State
PASQUOTANK CO. M-0460AR EXEMPT	WBS 50084.1.47, FEDERAL NO. NSTI015 FY 2022 NATIONAL SUMMER TRANSPORTATION INSTITUTE (NSTI) PROGRAM. FUNDS ARE NEEDED FOR ELIZABETH CITY STATE UNIVERSITY (HIGH SCHOOL).	\$57,996.00 Cost \$57,996.00 Fed.
PASQUOTANK CO. M-0460AS EXEMPT	WBS 50084.1.48, FEDERAL NO. NSTI016 FY 2022 NATIONAL SUMMER TRANSPORTATION INSTITUTE (NSTI) PROGRAM. FUNDS ARE NEEDED FOR ELIZABETH CITY STATE UNIVERSITY (MIDDLE SCHOOL).	\$59,996.00 Cost \$59,996.00 Fed.
MARTIN CO. M-0460MB EXEMPT	WBS 50084.1.46, FEDERAL NO. NSTI017 FY 2022 NATIONAL SUMMER TRANSPORTATION INSTITUTE (NSTI) PROGRAM. FUNDS ARE NEEDED FOR MARTIN COMMUNITY COLLEGE.	\$48,783.00 Cost \$48,783.00 Fed.
HERTFORD CO. R-5311A STATEWIDE	WBS 45449.2.FS1, FEDERAL NO. NHF-0013(37) US 13/NC 11 FROM WEST OF MODLIN ROAD TO EAST OF NC 11/SR 1213(OLD NC 11 ROAD). \$1,209,360.00 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.	\$750,000.00 Cost \$600,000.00 Fed. \$150,000.00 State

**NCDOT SEPTEMBER 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>		
GATES CO. R-5808 DIVISION	WBS 46972.2.1, FEDERAL NO. 0158076 US 158 FROM SR 1002 (ACORN HILL ROAD) TO PASQUOTANK COUNTY LINE. FUNDS ARE NEEDED FOR FULL RIGHT OF WAY.	\$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State
HERTFORD CO. W-5701H REGIONAL	WBS 44847.1.8, FEDERAL NO. HSIP-0011(043) NC 11 AT SR 1169 (WOODROW SCHOOL ROAD). \$105,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$55,000.00 Cost \$49,500.00 Fed. \$5,500.00 State
HERTFORD CO. W-5701H REGIONAL	WBS 44847.2.8, FEDERAL NO. HSIP-0011(043) NC 11 AT SR 1169 (WOODROW SCHOOL ROAD). FUNDS ARE NEEDED FOR FULL RIGHT OF WAY AND UTILITIES.	\$20,000.00 Cost \$18,000.00 Fed. \$2,000.00 State

**NCDOT SEPTEMBER 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. B-5619 DIVISION	WBS 45574.3.1, FEDERAL NO. BRZ-1389(003) REPLACE BRIDGE #52 OVER NEUSE RIVER AND REPLACE BRIDGE #152 OVER NEUSE RIVER OVERFLOW ON SR 1389. \$9,170,209.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE NEEDED AS REQUESTED.	\$975,000.00 Cost \$780,000.00 Fed. \$195,000.00 State
PAMLICO CO. B-5995 DIVISION	WBS 48190.2.1, FEDERAL NO. BRZ-1302(083) REPLACE BRIDGE #57 OVER DAWSON CREEK ON SR 1302. FUNDS ARE NEEDED FOR FULL RIGHT OF WAY.	\$250,000.00 Cost \$200,000.00 Fed. \$50,000.00 State
PITT CO. HS-2002E REGIONAL	WBS 49300.3.6, FEDERAL NO. 0264074 US 264 ALTERNATE (GREENVILLE BOULEVARD) AT SR 1534 (OLD PACTOLUS ROAD). FUNDS ARE NEEDED FOR CONSTRUCTION FOR A RESTRICTED CROSSING INTERSECTION.	\$705,000.00 Cost \$634,500.00 Fed. \$70,500.00 State
PITT CO. HS-2002M DIVISION	WBS 49300.1.16, FEDERAL NO. 1598006 SR 1598 (10TH STREET) AT COLLEGE HILL DRIVE, AND SR 1598 AT ELM STREET. FUNDS ARE NEEDED FOR PRELIMINARY ENGINEERING.	\$12,000.00 Cost \$10,800.00 Fed. \$1,200.00 State
LENOIR CO. HS-2002N REGIONAL	WBS 49300.1.17, FEDERAL NO. 0258031 US 258 AT SR 1342 (WILL BAKER ROAD/CENTRAL AVENUE). FUNDS ARE NEEDED FOR PRELIMINARY ENGINEERING.	\$4,000.00 Cost \$3,600.00 Fed. \$400.00 State
CRAVEN CO. HS-2002O	WBS 49300.1.18, FEDERAL NO. 0017190 US 17 BUS (DR. MARTIN LUTHER KING JR. BLVD) AT TRENT CREEK ROAD. FUNDS ARE NEEDED FOR PRELIMINARY ENGINEERING.	\$4,000.00 Cost \$3,600.00 Fed. \$400.00 State
LENOIR CO. HS-2002P REGIONAL	WBS 49300.1.19, FEDERAL NO. 0258032 US 258 AT SR 1120 (NOBLES MILL ROAD); AND US 258 AT SR 1908 (BILL STROUD ROAD). FUNDS ARE NEEDED FOR PRELIMINARY ENGINEERING.	\$50,000.00 Cost \$45,000.00 Fed. \$5,000.00 State

**NCDOT SEPTEMBER 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>		
JONES/ LENOIR COS. HS-2002Q REGIONAL	WBS 49300.1.20, FEDERAL NO. 0258033 US 258 BETWEEN THE ONSLOW COUNTY LINE AND US 70. FUNDS ARE NEEDED FOR PRELIMINARY ENGINEERING.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
PITT CO. HS-2002R DIVISION	WBS 49300.1.21, FEDERAL NO. 1702004 SR 1702 (EVANS STREET) AT HOWELL STREET. FUNDS ARE NEEDED FOR PRELIMINARY ENGINEERING.	\$50,000.00 Cost \$45,000.00 Fed. \$5,000.00 State
CRAVEN CO. R-1015 REGIONAL- DIVISION	WBS 34360.1.2, FEDERAL NO. NHF-0070049 US 70 HAVELOCK BYPASS FROM NORTH OF PINE GROVE TO NORTH OF THE CARTERET COUNTY LINE. \$21,617,223.00 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
CRAVEN CO. R-5516 EXEMPT	WBS 45492.2.1, FEDERAL NO. NHS-0070(154) US 70 INTERCHANGE FROM US 70 TO SLOCUM ROAD AT THE CHERRY POINT MILITARY BASE. \$8,060,857.00 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.	\$160,000.00 Cost \$128,000.00 Fed. \$32,000.00 State
LENOIR CO. W-5702S REGIONAL	WBS 44848.3.19, FEDERAL NO. HSIP-0070(229) US 70 AT THE LOWE'S ENTRANCE AND PINE LAWN MEMORIAL PARK. FUNDS ARE NEEDED FOR CONSTRUCTION FOR A SUPERSTREET.	\$1,090,000.00 Cost \$981,000.00 Fed. \$109,000.00 State

**NCDOT SEPTEMBER 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>		
BRUNSWICK CO. BL-0046 DIVISION	WBS 50256.3.1, FEDERAL NO. 1116015 SR 1116 (OCEAN BOULEVARD) FROM JUST WEST OF SHELL DRIVE TO DUNESCAPE DRIVE. FUNDS ARE NEEDED FOR CONSTRUCTION TO INSTALL BIKE LANES.	\$1,722,364.00 Cost \$998,971.00 Fed. \$723,393.00 Local
SOUTHPORT/ BRUNSWICK CO. R-5021 DIVISION	WBS 41582.1.1, FEDERAL NO. STP-0211(021) NC 211 FROM SR 1500 (MIDWAY ROAD) TO NC 87. \$13,529,646.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE NEEDED AS REQUESTED.	\$1,459,214.00 Cost \$1,167,371.00 Fed. \$291,843.00 State
BRUNSWICK CO. R-5021 DIVISION	WBS 41582.2.1, FEDERAL NO. STP-0211(021) NC 211 FROM SR 1500 (MIDWAY ROAD) TO NC 87. \$21,782,541.00 HAS PREVIOUSLY BEEN APPROVED FOR RIGHT OF WAY AND UTILITIES. FUNDS NEED TO BE DECREASED (\$19,236,930.00). WORK ASSOCIATED WITH THIS WBS IS COMPLETE. THIS WBS WILL BE CLOSED.	(\$19,236,930.00) Cost (\$15,389,544.00) Fed. (\$3,847,386.00) State
BRUNSWICK CO. R-5021 DIVISION	WBS 41582.2.3, FEDERAL NO. STP-0211(021) NC 211 FROM SR 1500 (MIDWAY ROAD) TO NC 87. \$40,914,119.00 HAS PREVIOUSLY BEEN APPROVED FOR RIGHT OF WAY AND UTILITIES. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET. THIS IS A FOUR- YEAR CASH FLOW PROJECT WITH FEDERAL FUNDS OF \$400,000.00 IN FFY22, \$4,000,000.00 IN FFY23, \$4,000,000.00 IN FFY24, AND \$5,200,000.00 IN FFY25, AND STATE MATCH OF \$1,100,000.00 IN SFY23, \$1,000,000.00 IN SFY24 AND \$1,300,000.00 IN SFY25.	\$17,000,000.00 Cost \$13,600,000.00 Fed. \$3,400,000.00 State

**NCDOT SEPTEMBER 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>		
WILMINGTON/ NEW HANOVER CO. U-2734 EXEMPT	WBS 34857.2.2, FEDERAL NO. NHF-1409(3) SR 1409 (MILITARY CUTOFF ROAD) FROM MULTI- LANES NORTH OF US 74 TO US 17 BUSINESS. \$11,493,312.00 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.	\$96,000.00 Cost \$76,800.00 Fed. \$19,200.00 State

**NCDOT SEPTEMBER 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-5980 STATEWIDE	WBS 47617.2.1, FEDERAL NO. NHP-1522(005) REPLACE BRIDGE #203 OVER I-95 ON SR 1522. \$2,100,000.00 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.	\$41,000.00 Cost \$32,800.00 Fed. \$8,200.00 State
WILSON CO. HS-2004F DIVISION	WBS 49306.3.7, FEDERAL NO. 1103032 SR 1103 (WIGGINS MILL ROAD) AT SR 1169 (RADFORD ROAD). \$30,000.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE NEEDED TO INSTALL AN ALL-WAY STOP UTILIZING EXISTING OVERHEAD FLASHERS.	\$18,000.00 Cost \$16,200.00 Fed. \$1,800.00 State
HALIFAX CO. HS-2004G REGIONAL	WBS 49306.3.8, FEDERAL NO. 0048009 NC 48 AT NC 903. \$50,000.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE NEEDED AS REQUESTED.	\$26,100.00 Cost \$23,490.00 Fed. \$2,610.00 State
NASH CO. HS-2004H DIVISION	WBS 49306.3.9, FEDERAL NO. 1001095 SR 1001 (OLD BAILEY HIGHWAY) AT SR 1717 (MACEDONIA ROAD/SANDY CROSS ROAD). FUNDS ARE NEEDED FOR CONSTRUCTION TO INSTALL AN ALL-WAY STOP.	\$17,800.00 Cost \$16,020.00 Fed. \$1,780.00 State
WAYNE CO. W-5601BS REGIONAL	WBS 50138.2.72, FEDERAL NO. HSIP-0013(044) US 13 AT SR 1127 (HERRING ROAD). \$101,000.00 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.	\$21,000.00 Cost \$18,900.00 Fed. \$2,100.00 State



**NCDOT SEPTEMBER 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>		
WILSON CO. W-5601DQ REGIONAL	WBS 50138.2.122, FEDERAL NO. HSIP-0264(061) US 264 ALTERNATE (RALEIGH ROAD PARKWAY) AT HAYES PLACE AND THE MEDIAN CROSSOVER 900- FEET WEST OF SR 1001 (LAMM ROAD). \$230,000.00 HAS PREVIOUSLY BEEN APPROVED FOR RIGHT OF WAY. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$7,000.00 Cost \$6,300.00 Fed. \$700.00 State
JOHNSTON CO. W-5601HO DIVISION	WBS 50138.2.224, FEDERAL NO. HSIP-1003(149) SR 1003 (BUFFALO ROAD) BETWEEN SR 1716 (LAKE WENDELL ROAD) AND SR 2638. \$693,000.00 HAS PREVIOUSLY BEEN APPROVED FOR RIGHT OF WAY AND UTILITIES. ADDITIONAL FUNDS ARE NEEDED AS REQUESTED.	\$62,000.00 Cost \$55,800.00 Fed. \$6,200.00 State
JOHNSTON CO. W-5704E DIVISION	WBS 44850.1.5, FEDERAL NO. HSIP-1700(22) SR 1700 (COVERED BRIDGE ROAD) BETWEEN 0.1 MILE EAST OF SR 1003 (BUFFALO ROAD) AND 0.1 MILE WEST OF SR 2685 (HELENA LANE). \$783,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$85,000.00 Cost \$76,500.00 Fed. \$8,500.00 State
WAYNE CO. W-5704F REGIONAL	WBS 44850.2.6, FEDERAL NO. HSIP-0581(030) NC 581 BETWEEN SR 1317 (BUCK SWAMP ROAD) AND SR 1324 (NOR-AM ROAD). \$252,418.00 HAS PREVIOUSLY BEEN APPROVED FOR RIGHT OF WAY AND UTILITIES. ADDITIONAL FUNDS ARE NEEDED AS REQUESTED.	\$689,000.00 Cost \$620,100.00 Fed. \$68,900.00 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 4</b>		
JOHNSTON CO. W-5704G DIVISION	WBS 44850.1.7, FEDERAL NO. HSIP-1525(013) SR 1525 (CORNWALLIS ROAD) AT SR 1526 (SHILOH ROAD/JOSEPHINE ROAD). \$340,764.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$55,000.00 Cost \$49,500.00 Fed. \$5,500.00 State
JOHNSTON CO. W-5704G DIVISION	WBS 44850.3.7, FEDERAL NO. HSIP-1525(013) SR 1525 (CORNWALLIS ROAD) AT SR 1526 (SHILOH ROAD/JOSEPHINE ROAD). \$2,340,000.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE NEEDED AS REQUESTED.	\$1,100,000.00 Cost \$990,000.00 Fed. \$110,000.00 State

**NCDOT SEPTEMBER 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. HO-0001AA EXEMPT	WBS 49368.3.5, FEDERAL NO. 00SS124 NCDOT MULTI-MODAL VEHICLE PILOT PROGRAM FOR THE STUDY OF CONNECTED VEHICLE INFRASTRUCTURE, TRAFFIC SIGNAL SYSTEM IMPROVEMENTS, SAFETY APPLICATION AND SYSTEMS ENGINEERING AT THE NORTH CAROLINA STATE UNIVERSITY (NCSU) CAMPUS IN RALEIGH. \$2,982,102.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE NEEDED AS REQUESTED. STATE MATCH FOR THIS PROJECT IS USING SPOT MOBILITY FUNDS.	\$330,794.00 Cost \$165,397.00 Fed. \$165,397.00 State
WAKE CO. HS-2005I DIVISION	WBS 49309.1.10, FEDERAL NO. 1645004 SR 1645 (LUMLEY ROAD) AT I-540 WESTBOUND RAMP/ ARCO CORPORATE DRIVE. FUNDS ARE NEEDED FOR PRELIMINARY ENGINEERING.	\$50,000.00 Cost \$45,000.00 Fed. \$5,000.00 State
WAKE CO. HS-2005J DIVISION	WBS 49309.1.11, FEDERAL NO. 2516002 SR 2516 (HODGE ROAD) AT THE MINGO CREEK TRAIL CROSSING. FUNDS ARE NEEDED FOR PRELIMINARY ENGINEERING.	\$25,000.00 Cost \$22,500.00 Fed. \$2,500.00 State
VANCE/ WARREN COS. I-0914BA EXEMPT	WBS 38688.2.FS2, FEDERAL NO. IMS-085-4(116)215 I-85 FROM SOUTH OF US 158 IN VANCE COUNTY TO NORTH OF SR 1237 (MANSON DREWRY ROAD) IN WARREN COUNTY. \$198,898.00 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.	\$27,000.00 Cost \$21,600.00 Fed. \$5,400.00 State

**NCDOT SEPTEMBER 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. I-5506 STATEWIDE	WBS 43608.2.2, FEDERAL NO. NHPP-040-7(154)284 I-40 AND SR 1002 (AVIATION PARKWAY) INTERCHANGE. \$4,441,299.00 HAS PREVIOUSLY BEEN APPROVED FOR RIGHT OF WAY AND UTILITIES. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET. THIS IS A THREE-YEAR CASH FLOW PROJECT WITH FEDERAL FUNDS OF \$400,000.00 IN FFY22, \$800,000.00 IN FFY23, AND \$2,400,000.00 IN FFY24, AND STATE MATCH OF \$300,000.00 IN SFY23, AND \$600,000.00 IN SFY24.	\$4,500,000.00 Cost \$3,600,000.00 Fed. \$900,000.00 State
WAKE CO. I-5700 STATEWIDE	WBS 50118.2.1, FEDERAL NO. NHPP-040-1(259)286 I-40 FROM SR 3015 (AIRPORT BOULEVARD). REVISE INTERCHANGE AND CONSTRUCT AUXILIARY LANE ON I-40 WESTBOUND FROM SR 3015 (AIRPORT BOULEVARD) TO I-540. \$3,335,000.00 HAS PREVIOUSLY BEEN APPROVED FOR RIGHT OF WAY AND UTILITIES. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET. THIS IS A THREE- YEAR CASH FLOW PROJECT WITH FEDERAL FUNDS OF \$400,000.00 IN FFY22, \$1,120,000.00 IN FFY23, AND \$720,000.00 IN FFY24, AND STATE MATCH OF \$380,000.00 IN SFY23 AND \$180,000 IN SFY24.	\$2,800,000.00 Cost \$2,240,000.00 Fed. \$560,000.00 State
VANCE CO. M-0460EG EXEMPT	WBS 50084.1.42, FEDERAL NO. NSTI021 FY 2022 NATIONAL SUMMER TRANSPORTATION INSTITUTE (NSTI) PROGRAM. FUNDS ARE NEEDED FOR VANCE-GRANVILLE COMMUNITY COLLEGE.	\$42,851.00 Cost \$42,851.00 Fed.
WAKE CO. R-5785G DIVISION	WBS 44915.3.13, FEDERAL NO. 0505106 ADA RAMPS (AMERICANS WITH DISABILITIES ACT) FOR AREAS WITH POPULATIONS >5000. \$430,000.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE NEEDED AS REQUESTED.	\$32,000.00 Cost \$25,600.00 Fed. \$6,400.00 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 5</b>		
DURHAM/ DURHAM CO. U-3308 EXEMPT	WBS 34915.2.1, FEDERAL NO. STP-0055(020) NC 55 (ALSTON AVENUE) FROM NC 147 (DURHAM FREEWAY) TO NORTH OF US 70 BUSINESS/NC 98 (HOLLOWAY STREET). \$8,339,417.00 HAS PREVIOUSLY BEEN APPROVED FOR RIGHT OF WAY AND UTILITIES. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET. THIS IS A STRATEGIC TRANSPORTATION INVESTMENTS TRANSITION PROJECT.	\$50,000.00 Cost \$40,000.00 Fed. \$10,000.00 State
DURHAM CO. U-3308 EXEMPT	WBS 34915.3.FR1, FEDERAL NO. STP-0055(020) NC 55 (ALSTON AVENUE) FROM NC 147 (DURHAM FREEWAY) TO NORTH OF US 70 BUSINESS/NC 98 (HOLLOWAY STREET). \$68,228,524.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE NEEDED AS REQUESTED. THIS IS A STRATEGIC TRANSPORTATION INVESTMENTS TRANSITION PROJECT.	\$6,500,000.00 Cost \$5,200,000.00 Fed. \$1,300,000.00 State
WAKE CO. U-4437 DIVISION	WBS 35868.2.4, FEDERAL NO. STBG-0054(031) NC 54 (HILLSBOROUGH STREET) FROM SR 1664/ SR 3074 (BLUE RIDGE ROAD) IN THE VICINITY OF NC RAILROAD (CSX CORPORATION AND NORFOLK SOUTHERN) IN RALEIGH. \$14,714,000.00 HAS PREVIOUSLY BEEN APPROVED FOR RIGHT OF WAY AND UTILITIES. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET. THIS IS A THREE- YEAR CASH FLOW PROJECT WITH FEDERAL FUNDS OF \$400,000.00 IN FFY22, \$1,200,000.00 IN FFY23, AND \$1,152,000.00 IN FFY24, AND STATE MATCH OF \$400,000.00 IN SFY23 AND \$288,000.00 IN SFY24.	\$3,440,000.00 Cost \$2,752,000.00 Fed. \$688,000.00 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 5</b>		
CARY/ WAKE CO. U-5501 DIVISION	WBS 45488.3.1, FEDERAL NO. STPDA-1650(005) SR 1650 (REEDY CREEK ROAD) FROM NC 54 (NE MAYNARD ROAD) TO SR 1652 (HARRISON AVENUE) IN CARY. \$4,554,307.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE NEEDED AS REQUESTED.	\$1,706,250.00 Cost \$1,365,000.00 Fed. \$341,250.00 Local
CARY/ WAKE CO. U-5501A DIVISION	WBS 45488.2.3, FEDERAL NO. STBGDA-1650(006) SR 1650 (REEDY CREEK ROAD) FROM SR 1652 (HARRISON AVENUE) TO SOUTH OF WATTS POND LANE IN CARY. \$690,322.00 HAS PREVIOUSLY BEEN APPROVED FOR RIGHT OF WAY AND UTILITIES. ADDITIONAL FUNDS ARE NEEDED AS REQUESTED.	\$2,918,750.00 Cost \$2,335,000.00 Fed. \$583,750.00 Local
FUQUAY- VARINA/ WAKE CO. U-6022 REGIONAL	WBS 47148.2.2, FEDERAL NO. 0507011 CONSTRUCT TOWNWIDE ITS/SIGNAL SYSTEMS. FUNDS ARE NEEDED FOR UTILITIES.	\$451,000.00 Cost \$360,800.00 Fed. \$90,200.00 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 6</b>		
HARNETT CO. I-5878 STATEWIDE	WBS 53078.2.2, FEDERAL NO. NHP-0095(017)73 I-95 AT US 421 (EXIT 73) AND SR 1793 (POPE ROAD) (EXIT 72). \$19,282,000.00 HAS PREVIOUSLY BEEN APPROVED FOR RIGHT OF WAY AND UTILITIES. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET. THIS IS A THREE- YEAR CASH FLOW PROJECT WITH FEDERAL FUNDS OF \$800,000.00 IN FFY22, \$12,800,000.00 IN FFY23, AND \$12,880,000.00 IN FFY24, AND STATE MATCH OF \$3,400,000.00 IN SFY23 AND \$3,220,000 IN SFY24.	\$33,100,000.00 Cost \$26,480,000.00 Fed. \$6,620,000.00 State
HARNETT CO. I-5883 SW/DIV	WBS 53083.2.2, FEDERAL NO. NHPP-0095(033)74 I-95 AT SR 1808 (JONESBORO ROAD) (EXIT 75) TO NORTH OF SR 1709 (HODGES CHAPEL ROAD) (EXIT 77). \$18,558,000.00 HAS PREVIOUSLY BEEN APPROVED FOR RIGHT OF WAY AND UTILITIES. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET. THIS IS A FOUR-YEAR CASH FLOW PROJECT WITH FEDERAL FUNDS OF \$400,000.00 IN FFY22, \$4,000,000.00 IN FFY23, \$4,000,000.00 IN FFY24, AND \$4,560,000.00 IN FFY25, AND STATE MATCH OF \$1,100,000.00 IN SFY23, \$1,000,000.00 IN SFY24 AND \$1,140,000.00 IN SFY25.	\$16,200,000.00 Cost \$12,960,000.00 Fed. \$3,240,000.00 State
ROBESON CO. M-0460FF EXEMPT	WBS 50084.1.44, FEDERAL NO. NSTI020 FY 2022 NATIONAL SUMMER TRANSPORTATION INSTITUTE (NSTI) PROGRAM. FUNDS ARE NEEDED FOR UNIVERSITY OF NORTH CAROLINA (UNC) AT PEMBROKE.	\$44,472.00 Cost \$44,472.00 Fed.

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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 6</b>		
COLUMBUS CO. R-2561CA REGIONAL	WBS 34466.1.5, FEDERAL NO. 0087050 NC 87 AT NC 11. FUNDS ARE NEEDED FOR CONSTRUCTION BASED ON THE ESTIMATE FROM THE 12-MONTH TENTATIVE LETTING LIST. THIS IS A FOUR- YEAR CASH FLOW PROJECT WITH FEDERAL FUNDS OF \$1,507,200.00 IN FFY23, \$10,740,000.00 IN FFY24, \$8,356,800.00 IN FFY25, AND \$3,156,000.00 IN FFY26, AND STATE MATCH OF \$376,800.00 IN SFY23, \$2,685,000.00 IN SFY24, \$2,089,200.00 IN SFY25, AND \$789,000.00 IN SFY26.	\$29,700,000.00 Cost \$23,760,000.00 Fed. \$5,940,000.00 State
CUMBERLAND CO. U-4403B REGIONAL	WBS 39047.1.3, FEDERAL NO. NHP-0401(288) US 401 (RAMSEY STREET) FROM US 401 BUSINESS (MARTIN LUTHER KING, JR. FREEWAY) TO US 401 BYPASS. \$719,235.00 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
CUMBERLAND CO. W-5806C DIVISION	WBS 48951.1.4, FEDERAL NO. 1615003 SR 1615 (ROSEHILL ROAD) AT TAMARACK DRIVE AND SR 1615 AT LANDAU ROAD. \$85,000.00 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 \$90,000.00 Fed. \$10,000.00 State
HARNETT CO. W-5806D REGIONAL	WBS 48951.3.5, FEDERAL NO. 0027023 NC 27 AT SR 1581 (BAILEY CROSSROADS)/SR 1705 (FAIRGROUND ROAD). FUNDS ARE NEEDED FOR CONSTRUCTION FOR INTERSECTION IMPROVEMENTS.	\$382,000.00 Cost \$343,800.00 Fed. \$38,200.00 State



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<b>TOWN / COUNTY PROJ. CATEGORY</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
<b>DIVISION 7</b>		
ALAMANCE CO. I-5711 STATEWIDE	WBS 50401.2.1, FEDERAL NO. NHPP-040-4(161)220 I-40/I-85 AND SR 1007(MEBANE OAKS ROAD) IN MEBANE. \$4,376,000.00 HAS PREVIOUSLY BEEN APPROVED FOR RIGHT OF WAY AND UTILITIES. ADDITIONAL FUNDS ARE NEEDED AS REQUESTED. THIS IS A THREE-YEAR CASH FLOW PROJECT WITH \$400,000.00 IN FFY22, \$2,000,000.00 IN FFY23 AND \$1,728,000.00 IN FFY24, AND STATE MATCH OF \$600,000.00 IN SFY23 AND \$432,000.00 IN SFY24.	\$5,160,000.00 Cost \$4,128,000.00 Fed. \$1,032,000.00 State
GUILFORD CO. M-0460GG EXEMPT	WBS 50084.1.45, FEDERAL NO. NSTI018 FY 2022 NATIONAL SUMMER TRANSPORTATION INSTITUTE (NSTI) PROGRAM. FUNDS ARE NEEDED FOR NC A&T STATE UNIVERSITY.	\$46,490.00 Cost \$46,490.00 Fed.
GREENSBORO/ GUILFORD CO. U-2524C EXEMPT	WBS 34820.2.18, FEDERAL NO. NHF-0708(52) GREENSBORO WESTERN LOOP FROM NORTH OF SR 2176 (BRYAN BOULEVARD) TO US 220 (BATTLEGROUND AVENUE). \$13,164,514.00 HAS PREVIOUSLY BEEN APPROVED FOR RIGHT OF WAY AND UTILITIES. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET. THIS IS A STRATEGIC TRANSPORTATION INVESTMENTS TRANSITION PROJECT.	\$250,000.00 Cost \$200,000.00 Fed. \$50,000.00 State
HIGH POINT/ GUILFORD CO. U-3615B EXEMPT	WBS 34962.2.3, FEDERAL NO. STP-1820(5) SR 1820 (SKEET CLUB ROAD) FROM EAST OF SR 1818 (JOHNSON STREET) TO WEST OF NC 68 (EASTCHESTER DRIVE). \$19,741,658.00 HAS PREVIOUSLY BEEN APPROVED FOR RIGHT OF WAY AND UTILITIES. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET. THIS IS A STRATEGIC TRANSPORTATION INVESTMENTS TRANSITION PROJECT.	\$380,000.00 Cost \$304,000.00 Fed. \$76,000.00 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 7</b>		
ALAMANCE CO. U-6015 DIVISION	WBS 47160.2.1, FEDERAL NO. STBG-0701(036) VARIOUS LOCATIONS. UPGRADE BURLINGTON- GRAHAM SIGNAL SYSTEM. \$1,080,000.00 HAS PREVIOUSLY BEEN APPROVED FOR RIGHT OF WAY. ADDITIONAL FUNDS ARE NEEDED AS REQUESTED.	\$2,305,000.00 Cost \$1,844,000.00 Fed. \$461,000.00 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 8</b>		
RICHMOND CO. R-3421B REGIONAL	WBS 34542.2.3, FEDERAL NO. NHF-0220(043) I-73/I-74 FROM SOUTH OF SR 1140 (OLD CHARLOTTE HIGHWAY) TO SOUTHWEST OF SR 1304 (HARRINGTON ROAD). \$6,180,154.00 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.	\$730,000.00 Cost \$584,000.00 Fed. \$146,000.00 State
HOKE CO. W-5708A REGIONAL	WBS 44854.2.1, FEDERAL NO. HSIP-0015(055) US 15/US 501 AT SR 1225 (ASHEMONT ROAD). \$460,000.00 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.	\$141,000.00 Cost \$126,900.00 Fed. \$14,100.00 State
HOKE CO. W-5708A REGIONAL	WBS 44854.3.1, FEDERAL NO. HSIP-0015(055) US 15/US 501 AT SR 1225 (ASHEMONT ROAD). \$2,136,598.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE NEEDED BASED ON THE LATEST ESTIMATE.	\$350,000.00 Cost \$315,000.00 Fed. \$35,000.00 State
HOKE CO. W-5708D REGIONAL	WBS 44854.3.4, FEDERAL NO. HSIP-0401(286) US 401 BUSINESS AT SR 1406 (ROCKFISH ROAD). \$708,791.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE NEEDED AS REQUESTED.	\$540,000.00 Cost \$486,000.00 Fed. \$54,000.00 State
HOKE CO. W-5708G REGIONAL	WBS 44854.3.7, FEDERAL NO. HSIP-0401(290) US 401 AT SR 1411 (NORTH PARK CHURCH ROAD) AND SR 1413 (PITTMAN GROVE CHURCH ROAD) NEAR RAEFORD. \$2,377,500.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE NEEDED AS REQUESTED.	\$1,150,000.00 Cost \$1,035,000.00 Fed. \$115,000.00 State

**NCDOT SEPTEMBER 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. B-3159(L) REGIONAL	WBS 38331.3.2, FEDERAL NO. 0085057 REPLACE BRIDGE #27 OVER US 29-64-70/I-85 BUSINESS LOOP ON NC 8. \$115,000.00 HAS PREVIOUSLY BEEN APPROVED FOR LANDSCAPING IMPROVEMENTS. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$35,000.00 Cost \$28,000.00 Fed. \$7,000.00 State
DAVIE/ FORSYTH COS. I-0911A REGIONAL	WBS 34147.2.2, FEDERAL NO. NHIMF-40-3(112)180 I-40 FROM 0.3 MILE WEST OF NC 801 IN DAVIE COUNTY TO 0.3 MILE WEST OF SR 1101 (HARPER ROAD) IN FORSYTH COUNTY. \$1,407,000.00 HAS PREVIOUSLY BEEN APPROVED FOR RIGHT OF WAY AND UTILITIES. ADDITIONAL FUNDS ARE NEEDED AS REQUESTED. THIS IS A TWO-YEAR CASH FLOW PROJECT WITH \$400,000.00 IN FFY22 AND \$592,000.00 IN FFY23 AND STATE MATCH OF \$248,000.00 IN SFY23.	\$1,240,000.00 Cost \$992,000.00 Fed. \$248,000.00 State
FORSYTH CO. M-0460ID EXEMPT	WBS 50084.1.43, FEDERAL NO. NSTI019 FY 2022 NATIONAL SUMMER TRANSPORTATION INSTITUTE (NSTI) PROGRAM. FUNDS ARE NEEDED FOR WINSTON-SALEM STATE UNIVERSITY.	\$59,688.00 Cost \$59,688.00 Fed.
FORSYTH CO. U-2827B REGIONAL	WBS 34872.2.4, FEDERAL NO. NHP-0421(087) REPLACE BRIDGES #178, #269, #278, #286, #288, #291, #293, #305, #312, #313, #336, ON US 421 US 158/ US 421/ NC 150 /BUSINESS 40, WEST OF FOURTH STREET TO EAST OF CHURCH STREET. \$19,661,430.00 HAS PREVIOUSLY BEEN APPROVED FOR RIGHT OF WAY. ADDITIONAL FUNDS ARE NEEDED AS REQUESTED.	\$748,000.00 Cost \$598,400.00 Fed. \$149,600.00 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 10</b>		
CABARRUS CO. B-5136 REGIONAL	WBS 42295.2.1, FEDERAL NO. BRSTP-0029(43) REPLACE BRIDGES #66 AND #69 OVER THE NORFOLK SOUTHERN RAILROAD ON US 29/US 601. \$2,180,000.00 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.	\$305,000.00 Cost \$244,000.00 Fed. \$61,000.00 State
CABARRUS CO. B-5808 REGIONAL	WBS 45762.2.1, FEDERAL NO. NHP-0029(062) REPLACE BRIDGES #57 AND #59 OVER IRISH BUFFALO CREEK ON US 29/US 601. \$255,000.00 HAS PREVIOUSLY BEEN APPROVED FOR RIGHT OF WAY. ADDITIONAL FUNDS ARE NEEDED TO COMPLETE THE PHASE OF WORK.	\$607,000.00 Cost \$485,600.00 Fed. \$121,400.00 State
UNION CO. HL-0039A DIVISION	WBS 49860.3.5, FEDERAL NO. 1003186 VARIOUS LOCATIONS IN UNION COUNTY. FUNDS ARE NEEDED FOR CONSTRUCTION TO RESURFACE VARIOUS ROUTES. THIS PROJECT IS USING 100% COVID RELIEF FUNDS.	\$963,000.00 Cost \$963,000.00 Fed.
CABARRUS/ ROWAN COS. I-3802A STATEWIDE	WBS 36780.2.FS2, FEDERAL NO. NHIMF-85-2(077)55 I-85 FROM NC 73 (EXIT 55) TO LANE STREET (EXIT 63). \$42,678,254.00 HAS PREVIOUSLY BEEN APPROVED FOR RIGHT OF WAY. ADDITIONAL FUNDS ARE NEEDED AS REQUESTED. THIS IS A THREE-YEAR CASH FLOW PROJECT WITH \$400,000.00 IN FFY22, \$2,800,000.00 IN FFY23 AND \$2,576,000.00 IN FFY24 AND STATE MATCH OF \$800,000.00 IN SFY23 AND \$644,000.00 IN SFY24.	\$7,220,000.00 Cost \$5,776,000.00 Fed. \$1,444,000.00 State
CABARRUS CO. M-0414JD DIVISION	WBS 42080.1.131, FEDERAL NO. BRZ-NBIS(013) MUNICIPAL BRIDGE INSPECTION. ONE BRIDGE WITHIN THE MUNICIPALITY OF MIDLAND. FUNDS ARE NEEDED FOR PRELIMINARY ENGINEERING.	\$5,000.00 Cost \$4,000.00 Fed. \$1,000.00 Local

**NCDOT SEPTEMBER 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 10</b>		
CABARRUS CO. M-0414JE DIVISION	WBS 42080.1.132, FEDERAL NO. BRZ-NBIS(013) MUNICIPAL BRIDGE INSPECTION. ONE BRIDGE WITHIN THE MUNICIPALITY OF HARRISBURG. FUNDS ARE NEEDED FOR PRELIMINARY ENGINEERING.	\$5,000.00 Cost \$4,000.00 Fed. \$1,000.00 Local
CHARLOTTE/ MECKLENBURG CO. U-2507A EXEMPT	WBS 34811.2.3, FEDERAL NO. STPDA-5238(4) SR 2467 (MALLARD CREEK RD) FROM SR 2480 (SUGAR CREEK ROAD) TO SR 2665 (HARRIS BOULEVARD) \$24,045,478.00 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.	\$240,000.00 Cost \$192,000.00 Fed. \$48,000.00 State
CHARLOTTE/ MECKLENBURG CO. U-2509 STATEWIDE	WBS 38965.1.1, FEDERAL NO. NHS-0074(070) US 74 (INDEPENDENCE BOULEVARD) FROM CHARLOTTE OUTERLOOP TO IDLEWILD ROAD. \$19,266,742.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE NEEDED AS REQUESTED.	\$750,000.00 Cost \$600,000.00 Fed. \$150,000.00 State
WEDDINGTON/ UNION CO. U-3467 REGIONAL	WBS 39019.1.1, FEDERAL NO. STP-1316(010) SR 1316 (REA ROAD EXTENSION) AND NC 84 (WEDDINGTON ROAD) FROM NC 16 (PROVEDENCE ROAD) TO SR 1008 (WAXHAW-INDIAN TRAIL ROAD) IN WESLEY CHAPEL. \$8,982,280.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE NEEDED AS REQUESTED.	\$250,000.00 Cost \$200,000.00 Fed. \$50,000.00 State
UNION CO. W-5710I REGIONAL	WBS 44856.3.9, FEDERAL NO. HSIP-0200(005) NC 200 (MORGAN MILL ROAD) AT NC 218 IN UNION COUNTY. \$1,365,000.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE NEEDED FOR CONSTRUCTION TO INSTALL A ROUNDAABOUT.	\$339,000.00 Cost \$305,100.00 Fed. \$33,900.00 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-5710J DIVISION	WBS 44856.3.10, FEDERAL NO. HSIP-1004(065) SR 1004 (LAWYERS ROAD) AT SR 1525 (MILL GROVE ROAD) NEAR HEMBY BRIDGE. \$1,563,000.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. FUNDS NEED TO BE INCREASED \$180,000.00 TO REFLECT THE LOW BID RECEIVED.	\$180,000.00 Cost \$162,000.00 Fed. \$18,000.00 State
MECKLENBURG CO. W-5710S DIVISION	WBS 44856.3.19, FEDERAL NO. HSIP-2108(002) SR 2108 (SUNSET AVENUE) AT SR 2019 (PEACHTREE ROAD). FUNDS ARE NEEDED FOR CONSTRUCTION TO CONSTRUCT LEFT TURN LANE.	\$550,000.00 Cost \$495,000.00 Fed. \$55,000.00 State
UNION CO. W-5710U DIVISION	WBS 44856.3.21, FEDERAL NO. HSIP-1315(020) SR 1315 (NEW TOWN ROAD) AT SR 1319 (ENNIS ROAD) AND SR 1320 (BROOMES OLD MILL ROAD). \$780,000.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. FUNDS NEED TO BE INCREASED \$512,000.00 TO REFLECT THE LOW BID RECEIVED.	\$512,000.00 Cost \$460,800.00 Fed. \$51,200.00 State
KANNAPOLIS/ CABARRUS CO. Y-4810K STATEWIDE	WBS 40325.1.46, FEDERAL NO. TCSP-1034(018) GRADE SEPARATION AT SR 1625 (ROGERS LAKE ROAD) OVER NS/NCRR RAILROAD AND CLOSURE AT GRADE CROSSING #724 408Y IN KANNAPOLIS AT MILEPOST 350.73. \$2,627,630.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE NEEDED AS REQUESTED. PROJECT IS BEING FUNDED WITH STATE FUNDS.	\$250,000.00 Cost \$250,000.00 State
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. \$4,950,000.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE NEEDED AS REQUESTED.	\$1,500,000.00 Cost \$1,350,000.00 Fed. \$150,000.00 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 11</b>		
CALDWELL CO. HF-0001 EXEMPT	WBS 49902.1.1, FEDERAL NO. 1328011 SR 1328 (BROWN MOUNTAIN BEACH ROAD) FROM MILEPOST 5.3 TO MILEPOST 7.5. FUNDS ARE NEEDED FOR PRELIMINARY ENGINEERING.	\$5,000.00 Cost \$4,000.00 Fed. \$1,000.00 State
CALDWELL CO. HF-0001 EXEMPT	WBS 49902.3.1, FEDERAL NO. 1328011 SR 1328 (BROWN MOUNTAIN BEACH ROAD) FROM MILEPOST 5.3 TO MILEPOST 7.5. FUNDS ARE NEEDED FOR CONSTRUCTION TO INSTALL GUARDRAIL AT VARIOUS LOCATIONS.	\$235,000.00 Cost \$188,000.00 Fed. \$47,000.00 State
SURRY CO. I-5907 STATEWIDE	WBS 45893.3.1, FEDERAL NO. 0074243 I-74 FROM I-77 TO US 601. \$4,950,000.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE NEEDED AS REQUESTED.	\$593,000.00 Cost \$474,400.00 Fed. \$118,600.00 State
ASHE CO. R-2915C DIVISION	WBS 34518.2.FR3, FEDERAL NO. STP-0221(041) US 221 FROM NORTH OF THE SOUTH FORK NEW RIVER TO SOUTH OF NC 194. \$15,712,550.00 HAS PREVIOUSLY BEEN APPROVED FOR RIGHT OF WAY. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$61,000.00 Cost \$48,800.00 Fed. \$12,200.00 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 12</b>		
CLEVELAND CO. R-2707C REGIONAL	WBS 34497.2.FS9, FEDERAL NO. NHF-0074(152) US 74 BYPASS FROM EAST OF NC 226 TO EAST OF NC 150. \$25,198,252.00 HAS PREVIOUSLY BEEN APPROVED FOR RIGHT OF WAY AND UTILITIES. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET. THIS IS A FOUR- YEAR CASH FLOW PROJECT WITH FEDERAL FUNDS OF \$400,000.00 IN FFY22, \$1,600,00.00 IN FFY23, \$1,600,000.00 IN FFY24, AND \$3,520,000.00 IN FFY25, AND STATE MATCH OF \$500,000.00 IN SFY23, \$400,000.00 IN SFY24, AND \$880,000.00 IN SFY25.	\$8,900,000.00 Cost \$7,120,000.00 Fed. \$1,780,000.00 State
CATAWBA CO. R-3100A DIVISION	WBS 34522.1.3, FEDERAL NO. STP-0016(052) NC 16 FROM NORTH OF SR 1814 (CALDWELL ROAD) TO SR 1895 (TOWER ROAD). \$1,735,792.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$150,000.00 Cost \$120,000.00 Fed. \$30,000.00 State
CATAWBA CO. R-3100B DIVISION	WBS 34522.1.4, FEDERAL NO. STP-0016(053) NC 16 FROM NORTH OF SR 1801 (CLAREMONT ROAD) TO NORTH OF SR 1814 (CALDWELL ROAD). \$2,360,220.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$425,000.00 Cost \$340,000.00 Fed. \$85,000.00 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 13</b>		
BURKE/ MITCHELL/ RUTHERFORD COS. HS-2013F STATEWIDE	WBS 49333.3.7, FEDERAL NO. 1302101 US 321, US 70, US 19 EAST, AND US 221 ALTERNATE. SAFETY IMPROVEMENTS. \$348,000.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE NEEDED AS REQUESTED.	\$150,000.00 Cost \$135,000.00 Fed. \$15,000.00 State
BUNCOMBE CO. I-5504 STATEWIDE	WBS 45552.2.GV1, FEDERAL NO. IMF-026-1(191)47 I-26 AT THE NC 191 (BREVARD ROAD INTERCHANGE). \$11,268,750.00 HAS PREVIOUSLY BEEN APPROVED FOR RIGHT OF WAY. ADDITIONAL FUNDS ARE NEEDED AS REQUESTED. THIS IS A THREE-YEAR CASH FLOW PROJECT WITH \$400,000.00 IN FFY22, \$800,000.00 IN FFY23 AND \$856,000.00 IN FFY24 AND STATE MATCH OF \$300,000.00 IN SFY23 AND \$214,000.00 IN SFY24.	\$2,570,000.00 Cost \$2,056,000.00 Fed. \$514,000.00 State
BURKE CO. U-2551 EXEMPT	WBS 34832.2.2, FEDERAL NO. STP-1922(001) SR 1922 (ENOLA ROAD)/SR 1924 (OLD NC 18) FROM SR 2026 (ARNOLD DRIVE) TO NC 18 (SOUTH STERLING STREET). \$14,388,750.00 HAS PREVIOUSLY BEEN APPROVED FOR RIGHT OF WAY. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$763,000.00 Cost \$610,400.00 Fed. \$152,600.00 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 13</b>		
ASHEVILLE/ BUNCOMBE CO. U-3301 EXEMPT	WBS 34909.3.FR1, FEDERAL NO. STP-0063(001) NC 63 (LEICESTER HIGHWAY) FROM SR 1615 (GILBERT ROAD) TO WEST OF SR 1004 (NEWFOUND ROAD). \$17,700,000.00 HAS PREVIOUSLY BEEN APPROVED FOR RIGHT OF WAY AND UTILITIES. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET. THIS IS A THREE-YEAR CASH FLOW PROJECT WITH FEDERAL FUNDS OF \$400,000.00 IN FFY22, \$800,000.00 IN FFY23, AND \$600,000.00 IN FFY23, AND STATE MATCH OF \$300,000 IN SFY23 AND \$150,000.00 IN SFY24. THIS IS A STRATEGIC TRANSPORTATION INVESTMENTS TRANSITION PROJECT.	\$2,250,000.00 Cost \$1,800,000.00 Fed. \$450,000.00 State
BUNCOMBE/ HENDERSON COS. I-5501 EXEMPT	WBS 46292.2.1, FEDERAL NO. IMF-026-1(190)40 I-26/NC 280 INTERCHANGE IN ASHEVILLE. \$2,890,668.00 HAS PREVIOUSLY BEEN APPROVED FOR RIGHT OF WAY. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$170,000.00 Cost \$136,000.00 Fed. \$34,000.00 State

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<b>TOWN / COUNTY PROJ. CATEGORY</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
<b>DIVISION 14</b>		
GRAHAM CO. A-0009CA EXEMPT	WBS 32572.2.16, FEDERAL NO. 0143012 US 129 FROM 0.2 MILES SOUTH OF SR 1275 (FIVE POINTS ROAD) TO NC 143 AND NC143 FROM US 129 TO SR 1223 (BEECH CREEK ROAD). FUNDS ARE NEEDED FOR UTILITY RELOCATION. THIS PROJECT IS FUNDED WITH 100% APPALACHIAN FUNDS.	\$1,880,431.00 Cost \$1,880,431.00 Fed.
GRAHAM CO. A-0009CC EXEMPT	WBS 32572.3.15, 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 (GUNTERSGAP ROAD). FUNDS ARE NEEDED FOR CONSTRUCTION BASED ON THE ESTIMATE FROM THE 12-MONTH TENTATIVE LETTING LIST. THIS PROJECT IS FUNDED WITH 100% APPALACHIAN DEVELOPMENT FUNDS.	\$75,700,000.00 Cost \$75,700,000.00 Fed.
HAYWOOD CO. B-3657 EXEMPT	WBS 33203.2.1, FEDERAL NO. BRZ-1100(009) REPLACE BRIDGE #9 OVER CRAWFORD CREEK ON SR 1100. \$50,000.00 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.	\$16,000.00 Cost \$14,400.00 Fed. \$1,600.00 State
JACKSON CO. B-4159 DIVISION	WBS 33507.3.1, FEDERAL NO. BRZ-1002(13) REPLACE BRIDGE #108 OVER TUCKASEGEE RIVER ON SR 1002. \$3,004,410.00 HAS PREVIOUSLY BEEN APPROVED FOR RIGHT OF WAY AND UTILITIES. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET. THIS IS A TWO- YEAR CASH FLOW PROJECT WITH \$488,000.00 IN FFY22 AND \$800,000 IN FFY23, AND STATE MATCH OF \$322,000.00 IN SFY23.	\$1,610,000.00 Cost \$1,288,000.00 Fed. \$322,000.00 State

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<b>TOWN / COUNTY PROJ. CATEGORY</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
<b>DIVISION 14</b>		
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/US 74. \$150,000.00 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.	\$172,000.00 Cost \$137,600.00 Fed. \$34,400.00 State
JACKSON CO. B-5905 REGIONAL	WBS 48037.2.2, FEDERAL NO. BRNHS-0023(028) REPLACE BRIDGE #27 OVER SCOTT CREEK AND SOUTHERN RAILROAD ON US 23 BUSINESS. \$3,050,987.00 HAS PREVIOUSLY BEEN APPROVED FOR RIGHT OF WAY AND UTILITIES. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET. THIS IS A THREE-YEAR CASH FLOW PROJECT WITH FEDERAL FUNDS OF \$400,000.00 IN FFY22, \$960,000.00 IN FFY23, AND \$1,150,000.00 IN FFY24, AND STATE MATCH OF \$340,000.00 IN SFY23 AND \$230,000.00 IN SFY24.	\$2,850,000.00 Cost \$2,280,000.00 Fed. \$570,000.00 State
TRANSYLVANIA CO. HF-0002 EXEMPT	WBS 49883.3.1, FEDERAL NO. 1408004 SR 1408 (FISH HATCHERY ROAD) FROM 1.5 MILES WEST OF US 276 TO END OF PAVEMENT. FUNDS ARE NEEDED FOR CONSTRUCTION TO INSTALL GUARDRAIL AT VARIOUS LOCATIONS.	\$230,000.00 Cost \$184,000.00 Fed. \$46,000.00 State
TRANSYLVANIA CO. HF-0004 EXEMPT	WBS 49863.1.1, FEDERAL NO. 0264077 US 264 FROM US 64 TO AVERY CREEK TRAILHEAD. FUNDS ARE NEEDED FOR PRELIMINARY ENGINEERING.	\$30,000.00 Cost \$24,000.00 Fed. \$6,000.00 State
HAYWOOD CO. HO-0003 EXEMPT	WBS 49866.1.1, FEDERAL NO. 1420019 GREAT SMOKY MOUNTAINS NATIONAL PARK-REGIONAL OUTREACH AND EDUCATIONAL PROGRAM. FUNDS ARE NEEDED FOR PROGRAM IMPLEMENTATION.	\$125,000.00 Cost \$100,000.00 Fed. \$25,000.00 Local

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<b>TOWN / COUNTY PROJ. CATEGORY</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
<b>DIVISION 14</b>		
HAYWOOD/ JACKSON COS. HS-2014E STATEWIDE	WBS 49336.3.6, FEDERAL NO. 0074248 US 74 FROM SR 1392 TO A POINT 1.0 MILE EAST OF SR 1388 IN JACKSON COUNTY; AND US 74 FROM JACKSON COUNTY TO BRIDGES #107 AND #110 IN HAYWOOD COUNTY NEAR WAYNESVILLE. FUNDS ARE NEEDED FOR CONSTRUCTION TO IMPROVE PAVEMENT FRICTION.	\$975,000.00 Cost \$877,500.00 Fed. \$97,500.00 State
TRANSYLVANIA CO. R-2409C EXEMPT	WBS 34428.2.6, FEDERAL NO. HPP-0064(115) US 64 FROM WEST OF NC 281 NEAR LAKE TOXAWAY TO INDIAN CREEK. \$1,279,023.00 HAS PREVIOUSLY BEEN APPROVED FOR RIGHT OF WAY AND UTILITIES. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET. THIS IS A THREE- YEAR CASH FLOW PROJECT WITH FEDERAL FUNDS OF \$400,000.00 IN FFY22, \$800,000.00 IN FFY23, AND \$1,120,000 IN FFY24, AND STATE MATCH OF \$300,000.00 IN SFY23 AND \$280,000.00 IN SFY24. THIS IS A STRATEGIC TRANSPORTATION INVESTMENTS TRANSITION PROJECT.	\$2,900,000.00 Cost \$2,320,000.00 Fed. \$580,000.00 State

**NCDOT SEPTEMBER 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 E-5501 DIVISION	WBS 55065.1.F1, FEDERAL NO. STPE-000S (744) FREEDOM ROADS. INSTALL INTERACTIVE WAYSIDE SIGNAGE FOR DESIGNATED SITES IN MULTIPLE COUNTIES STATEWIDE. \$36,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE NEEDED AS REQUESTED	\$80,000.00 Cost \$60,000.00 Fed. \$20,000.00 Local
STATEWIDE C-5600R EXEMPT	WBS 50061.3.18, FEDERAL NO. CMAQ-000S (917) VARIOUS LOCATIONS. AUTOMATED TRAFFIC SIGNAL PERFORMANCE MEASURES ARTERIAL IMPLEMENTATION (ATSPM). FUNDS ARE NEEDED FOR CONSTRUCTION FOR SET UP OF ASTPM EQUIPMENT ALONG 6 CORRIDORS.	\$1,800,000.00 Cost \$1,440,000.00 Fed. \$360,000.00 State
STATEWIDE M-0531D EXEMPT	WBS 48457.1.4, FEDERAL NO. 0FSP003 HISTORICALLY BLACK COLLEGES AND UNIVERSITIES/ MINORITY SERVING INSTITUTIONS (HBCU/MSI) SCHOLARSHIP PROGRAM. FUNDS ARE NEEDED FOR FISCAL YEAR 2022-2023 SCHOLARSHIP PROGRAM.	\$51,000.00 Cost \$51,000.00 Fed.
STATEWIDE Z-5800 DIVISION	WBS 44806.1.1, FEDERAL NO. RR-00SS (024) VARIOUS HIGHWAY-RAIL GRADE CROSSING SAFETY IMPROVEMENT PROJECTS ACROSS NORTH CAROLINA. \$1,950,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET	\$385,400.00 Cost \$346,860.00 Fed. \$38,540.00 State

**ITEM M SUMMARY - 119 PROJECTS - (TOTAL FEDERAL AND STATE) \$256,029,056.00**

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

**DIVISION 3**

TG-5243 NEW HANOVER <b>PROJ.CATEGORY</b> PUBLIC TRANS	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY, THE PREVENTATIVE MAINTENANCE PROJECT WILL ENSURE THE FTA FUNDED ASSETS ARE MAINTAINED TO THE FTA STATE OF GOOD REPAIR REQUIREMENTS AND THAT SERVICE CONTINUES WITHOUT DISRUPTION. <u>ADD PROJECT IN FY 23 AT THE REQUEST OF THE MPO. NEW PROJECT DEVELOPED FOR FEDERAL FUNDING AWARD.</u>	OPERATIONS	FY 2023 - \$225,000 (L) FY 2023 - \$900,000 (5307) \$1,125,000
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TG-5246 NEW HANOVER BRUNSWICK <b>PROJ.CATEGORY</b> PUBLIC TRANS	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY, THE OPERATING ASSISTANCE PROJECT WILL ALLOW THE CONTINUATION OF COMPLEMENTARY PARATRANSIT SERVICE TO TWO COUNTIES AND FOUR MUNICIPALITIES WITHIN THE UZA. <u>ADD PROJECT IN FY 23 AT THE REQUEST OF THE MPO. NEW PROJECT DEVELOPED FOR FEDERAL FUNDING AWARD.</u>	OPERATIONS	FY 2023 - \$76,000 (L) FY 2023 - \$317,000 (5307) \$393,000
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**DIVISION 11**

* HA-0006 ASHE <b>PROJ.CATEGORY</b> EXEMPT	AMERICAN EMERGENCY VEHICLES LANE, NORTHWEST DRIVE FROM NC 88 TO BENFIELD DRIVE AND AMERICAN EMERGENCY VEHICLES LANE FROM NORTHWEST DRIVE TO AMERICAN EMERGENCY VEHICLES FACILITY. WIDEN ROADWAYS AND INSTALL SIGNAL AT NC 88 AND NORTHWEST DRIVE. <u>ADD NEW APPALACHIAN DEVELOPMENT HIGHWAY SYSTEM ACCESS ROAD PROJECT AT THE REQUEST OF THE DIVISION.</u>	ENGINEERING RIGHT-OF-WAY CONSTRUCTION	FY 2022 - \$47,000 (ADHSL) FY 2023 - \$60,000 (ADHSL) FY 2024 - \$643,000 (ADHSL) \$750,000
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**STIP MODIFICATIONS****DIVISION 1**

AV-5812 HYDE <b>PROJ.CATEGORY</b> DIVISION	HYDE COUNTY AIRPORT (7W6), EXTEND RUNWAY TO 5000 FEET. <u>TO ALLOW ADDITIONAL TIME FOR COORDINATION WITH PROJECT PARTNERS, DELAY CONSTRUCTION FROM FY 22 TO FY 23.</u>	CONSTRUCTION	FY 2023 - \$822,000 (T) \$822,000
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* HS-2001B MARTIN BERTIE <b>PROJ.CATEGORY</b> REGIONAL	US 13, US 17, NC 171, UPGRADE CURVE WARNING SIGNS AT VARIOUS LOCATIONS. <u>ADD PROJECT BREAK AT THE REQUEST OF THE TRANSPORTATION MOBILITY AND SAFETY DIVISION.</u>	CONSTRUCTION	FY 2023 - \$35,000 (HSIP) \$35,000
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\* INDICATES FEDERAL AMENDMENT

Thursday, September 8, 2022



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

**DIVISION 1**

R-5757	NC 305, SEABOARD TOWN LIMITS TO HERTFORD	RIGHT-OF-WAY	FY 2023 -	\$381,000	(BGLT5)
NORTHAMPTON	COUNTY LINE. UPGRADE ROADWAY.		FY 2024 -	\$762,000	(BGLT5)
<b>PROJ.CATEGORY</b>	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>		FY 2025 -	\$381,000	(BGLT5)
<b>DIVISION</b>	<u>DESIGN, DELAY RIGHT-OF-WAY FROM FY 22 TO FY 23.</u>	UTILITIES	FY 2023 -	\$2,061,000	(BGLT5)
			FY 2024 -	\$2,061,000	(BGLT5)
		CONSTRUCTION	FY 2024 -	\$465,000	(BGLT5)
			FY 2025 -	\$15,810,000	(BGLT5)
			FY 2026 -	\$14,415,000	(BGLT5)
			FY 2027 -	\$11,160,000	(BGLT5)
			FY 2028 -	<u>\$4,650,000</u>	(BGLT5)
				\$52,146,000	

R-5811	NC 461, NC 45 TO END OF STATE MAINTENANCE.	CONSTRUCTION	FY 2023 -	\$33,000	(T)
HERTFORD	MODERNIZE ROADWAY.		FY 2024 -	\$2,701,000	(T)
<b>PROJ.CATEGORY</b>	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>		FY 2025 -	<u>\$526,000</u>	(T)
<b>DIVISION</b>	<u>DESIGN, DELAY CONSTRUCTION FROM FY 22 TO FY 23.</u>			\$3,260,000	

* W-5701DIV	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2022 -	\$30,000	(HSIP)
WASHINGTON	LOCATIONS.	CONSTRUCTION	FY 2022 -	\$180,000	(HSIP)
CURRITUCK	<u>ADD CONSTRUCTION IN FY 23 NOT PREVIOUSLY</u>		FY 2023 -	<u>\$180,000</u>	(HSIP)
BERTIE	<u>PROGRAMMED.</u>			\$390,000	
CAMDEN					
TYRRELL					
PERQUIMANS					
NORTHAMPTON					
HYDE					
HERTFORD					
GATES					
DARE					
CHOWAN					
PASQUOTANK					
MARTIN					
<b>PROJ.CATEGORY</b>					
<b>DIVISION</b>					

\* INDICATES FEDERAL AMENDMENT

Thursday, September 8, 2022

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

**DIVISION 1**

* W-5701REG	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2022 -	\$30,000	(HSIP)
HYDE	LOCATIONS.	CONSTRUCTION	FY 2022 -	\$180,000	(HSIP)
CURRITUCK	<u>ADD CONSTRUCTION IN FY 23 NOT PREVIOUSLY</u>		FY 2023 -	\$180,000	(HSIP)
CHOWAN	<u>PROGRAMMED.</u>			\$390,000	
HERTFORD					
GATES					
PASQUOTANK					
NORTHAMPTON					
MARTIN					
CAMDEN					
DARE					
PERQUIMANS					
TYRRELL					
WASHINGTON					
BERTIE					
<b>PROJ.CATEGORY</b>					
REGIONAL					

* W-5701SW	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2022 -	\$40,000	(HSIP)
NORTHAMPTON	LOCATIONS.	CONSTRUCTION	FY 2022 -	\$240,000	(HSIP)
BERTIE	<u>ADD CONSTRUCTION IN FY 23 NOT PREVIOUSLY</u>		FY 2023 -	\$240,000	(HSIP)
CURRITUCK	<u>PROGRAMMED.</u>			\$520,000	
HYDE					
CAMDEN					
DARE					
CHOWAN					
PASQUOTANK					
MARTIN					
GATES					
PERQUIMANS					
WASHINGTON					
TYRRELL					
HERTFORD					
<b>PROJ.CATEGORY</b>					
STATEWIDE					

\* INDICATES FEDERAL AMENDMENT

Thursday, September 8, 2022

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

**DIVISION 2**

* EB-6042	GREENVILLE, CONSTRUCT MULTI-USE PATH AT	CONSTRUCTION	FY 2022 - \$4,150,000	(DP)
PITT	VARIOUS LOCATIONS INCLUDING ALONG THE TAR		FY 2022 - \$2,919,000	(L)
<b>PROJ.CATEGORY</b>	RIVER, MOYE BOULEVARD, THE NORFOLK SOUTHERN		\$7,069,000	
<b>DIVISION</b>	RAIL CORRIDOR, AND TOWN CREEK IN GREENVILLE.			
	<u>MODIFY PROJECT DESCRIPTION, COST, AND SCHEDULE AT THE REQUEST OF THE CITY OF GREENVILLE. 'DP' FUNDS REPRESENT FEDERAL BUILD GRANT FUNDS.</u>			
* HS-2002E	US 264 ALTERNATE, US 264 ALTERNATE (GREENVILLE	CONSTRUCTION	FY 2023 - \$705,000	(HSIP)
PITT	BOULEVARD) AT SR 1534 (OLD PACTOLUS ROAD).		\$705,000	
<b>PROJ.CATEGORY</b>	CONSTRUCT A RESTRICTED-CROSSING			
<b>REGIONAL</b>	INTERSECTION.			
	<u>REMOVE RIGHT-OF-WAY PREVIOUSLY PROGRAMMED IN FY 22.</u>			
* U-6240	SR 1571 (WEST 5TH STREET), REHABILITATION AND	CONSTRUCTION	FY 2022 - \$10,850,000	(DP)
PITT	REALIGNMENT OF SR 1571 (WEST 5TH STREET) FROM		FY 2022 - \$7,630,000	(L)
<b>PROJ.CATEGORY</b>	CADILLAC STREET TO READE CIRCLE IN GREENVILLE.		\$18,480,000	
<b>DIVISION</b>	<u>MODIFY PROJECT COST AND SCHEDULE AT THE REQUEST OF THE CITY OF GREENVILLE. 'DP' FUNDS REPRESENT FEDERAL BUILD GRANT FUNDS.</u>			
* W-5702DIV	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2022 - \$30,000	(HSIP)
GREENE	LOCATIONS.	CONSTRUCTION	FY 2022 - \$180,000	(HSIP)
CARTERET	<u>ADD CONSTRUCTION IN FY 23 NOT PREVIOUSLY PROGRAMMED.</u>			
PITT			FY 2023 - \$180,000	(HSIP)
CRAVEN			\$390,000	
JONES				
LENOIR				
PAMLICO				
BEAUFORT				
<b>PROJ.CATEGORY</b>				
<b>DIVISION</b>				

\* INDICATES FEDERAL AMENDMENT

Thursday, September 8, 2022

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

**DIVISION 2**

* W-5702REG	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2022 -	\$30,000	(HSIP)
CARTERET	LOCATIONS.	CONSTRUCTION	FY 2022 -	\$180,000	(HSIP)
CRAVEN	<u>ADD CONSTRUCTION IN FY 23 NOT PREVIOUSLY</u>		FY 2023 -	\$180,000	(HSIP)
PITT	<u>PROGRAMMED.</u>			\$390,000	
PAMLICO					
GREENE					
LENOIR					
JONES					
BEAUFORT					
<b>PROJ.CATEGORY</b>					
REGIONAL					

* W-5702SW	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2022 -	\$40,000	(HSIP)
JONES	LOCATIONS.	CONSTRUCTION	FY 2022 -	\$240,000	(HSIP)
CARTERET	<u>ADD CONSTRUCTION IN FY 23 NOT PREVIOUSLY</u>		FY 2023 -	\$240,000	(HSIP)
LENOIR	<u>PROGRAMMED.</u>			\$520,000	
GREENE					
PAMLICO					
PITT					
CRAVEN					
BEAUFORT					
<b>PROJ.CATEGORY</b>					
STATEWIDE					

**DIVISION 3**

P-5740C	CSX SE LINE, INSTALLATION OF RAILROAD GRADE	CONSTRUCTION	FY 2023 -	\$5,792,000	(DP)
NEW HANOVER	CROSSING SIGNALS AND GATES AT VARIOUS AT-		FY 2023 -	\$2,054,000	(T)
BRUNSWICK	GRADE CROSSINGS.		FY 2024 -	\$2,054,000	(T)
<b>PROJ.CATEGORY</b>	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>			\$9,900,000	
STATEWIDE	<u>DESIGN, DELAY CONSTRUCTION FROM FY 22 TO FY</u>				
	<u>23. 'DP' FUNDS REPRESENT FEDERAL CRISI GRANT.</u>				

TO-4751	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY,	OPERATIONS	FY 2022 -	\$845,000	(SMAP)
NEW HANOVER	OPERATING ASSISTANCE		FY 2022 -	\$2,759,000	(L)
<b>PROJ.CATEGORY</b>	<u>MODIFY FUNDING IN FY 23 AT THE REQUEST OF THE</u>		FY 2022 -	\$2,129,000	(5307)
PUBLIC TRANS	<u>MPO.</u>		FY 2023 -	\$600,000	(SMAP)
			FY 2023 -	\$1,197,000	(L)
			FY 2023 -	\$1,797,000	(5307)
				\$9,327,000	

\* INDICATES FEDERAL AMENDMENT

Thursday, September 8, 2022

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

**DIVISION 3**

TP-5110	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY,	PLANNING	FY 2023 -	\$38,000	(L)
NEW HANOVER	PLANNING ASSISTANCE - SHORT RANGE		FY 2023 -	\$152,000	(5307)
<b>PROJ.CATEGORY</b>	DEVELOPMENT			\$190,000	
PUBLIC TRANS	<u>MODIFY FUNDING IN FY 23 AT THE REQUEST OF THE MPO.</u>				
* W-5203U	NC 53 (WESTERN BOULEVARD), NC 53 (WESTERN	UTILITIES	FY 2023 -	\$23,000	(HSIP)
ONslow	BOULEVARD) AT SR 1336 (HENDERSON DRIVE).	CONSTRUCTION	FY 2023 -	\$1,550,000	(HSIP)
<b>PROJ.CATEGORY</b>	INTERSECTION IMPROVEMENTS.			\$1,573,000	
REGIONAL	<u>ADD PROJECT BREAK AT THE REQUEST OF THE DIVISION.</u>				
* W-5703DIV	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2022 -	\$30,000	(HSIP)
ONslow	LOCATIONS.	CONSTRUCTION	FY 2022 -	\$180,000	(HSIP)
PENDER	<u>ADD CONSTRUCTION IN FY 23 NOT PREVIOUSLY</u>		FY 2023 -	\$180,000	(HSIP)
NEW HANOVER	<u>PROGRAMMED.</u>			\$390,000	
SAMPSON					
DUPLIN					
BRUNSWICK					
<b>PROJ.CATEGORY</b>					
DIVISION					
* W-5703REG	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2022 -	\$30,000	(HSIP)
NEW HANOVER	LOCATIONS.	CONSTRUCTION	FY 2022 -	\$180,000	(HSIP)
BRUNSWICK	<u>ADD CONSTRUCTION IN FY 23 NOT PREVIOUSLY</u>		FY 2023 -	\$180,000	(HSIP)
ONslow	<u>PROGRAMMED.</u>			\$390,000	
SAMPSON					
DUPLIN					
PENDER					
<b>PROJ.CATEGORY</b>					
REGIONAL					

\* INDICATES FEDERAL AMENDMENT

Thursday, September 8, 2022

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

**DIVISION 3**

* W-5703SW ON SLOW NEW HANOVER BRUNSWICK SAMPSON PENDER DUPLIN PROJ.CATEGORY STATEWIDE	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS. <u>ADD CONSTRUCTION IN FY 23 NOT PREVIOUSLY PROGRAMMED.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2022 - \$40,000 (HSIP) FY 2022 - \$240,000 (HSIP) FY 2023 - \$240,000 (HSIP) \$520,000
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**DIVISION 4**

* HI-0013 WAKE JOHNSTON NASH PROJ.CATEGORY STATEWIDE	US 264, US 264 FROM THE US 64 / US 264 SPLIT TO THE WILSON COUNTY LINE. PAVEMENT REHABILITATION. <u>MODIFY PROJECT SCOPE AND FUNDING TO BETTER COORDINATE WITH ADJACENT PROJECTS.</u>	CONSTRUCTION	FY 2025 - \$8,250,000 (NHPIM) FY 2026 - \$8,250,000 (NHPIM) \$16,500,000
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HS-20040 WILSON PROJ.CATEGORY DIVISION	SR 1320 (AIRPORT BOULEVARD), SR 1320 (AIRPORT BOULEVARD) AT CHELSEA DRIVE AND SR 1320 (AIRPORT BOULEVARD) AT JETSTREAM DRIVE IN WILSON. INSTALL TRAFFIC SIGNALS. <u>TO ALLOW ADDITIONAL TIME FOR RIGHT-OF-WAY ACQUISITION AND UTILITY RELOCATION. DELAY CONSTRUCTION FROM FY 22 TO FY 23.</u>	CONSTRUCTION	FY 2023 - \$241,000 (HSIP) \$241,000
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* RX-2004A WILSON PROJ.CATEGORY DIVISION	SR 1163 (GOLDSBORO STREET / HERRING AVENUE), INSTALLATION OF ACTIVE WARNING DEVICES AT CSX CROSSING 629847Y IN WILSON. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN. DELAY CONSTRUCTION FROM FY 23 TO FY 24.</u>	CONSTRUCTION	FY 2024 - \$800,000 (RR) \$800,000
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* W-5204E JOHNSTON PROJ.CATEGORY DIVISION	SR 1524 (OLD DRUG STORE ROAD), IMPROVE SUPERELEVATION IN CURVE ON SR 1524 (OLD DRUG STORE ROAD) SOUTH OF SR 1525 (CORNWALLIS ROAD). INSTALL SIGNAL AT INTERSECTION OF SR 1524 (OLD DRUG STORE ROAD) AND SR 1525 (CORNWALLIS ROAD). <u>ADD PROJECT BREAK AT THE REQUEST OF THE DIVISION.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2023 - \$200,000 (HSIP) FY 2023 - \$650,000 (HSIP) \$850,000
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\* INDICATES FEDERAL AMENDMENT

Thursday, September 8, 2022

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

**DIVISION 4**

* W-5704DIV	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS.	RIGHT-OF-WAY CONSTRUCTION	FY 2022 -	\$30,000	(HSIP)
WILSON			FY 2022 -	\$180,000	(HSIP)
HALIFAX	<u>ADD CONSTRUCTION IN FY 23 NOT PREVIOUSLY PROGRAMMED.</u>		FY 2023 -	\$180,000	(HSIP)
NASH				\$390,000	
JOHNSTON					
EDGECOMBE					
WAYNE					
PROJ.CATEGORY					
DIVISION					

* W-5704REG	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS.	RIGHT-OF-WAY CONSTRUCTION	FY 2022 -	\$30,000	(HSIP)
WILSON			FY 2022 -	\$180,000	(HSIP)
JOHNSTON	<u>ADD CONSTRUCTION IN FY 23 NOT PREVIOUSLY PROGRAMMED.</u>		FY 2023 -	\$180,000	(HSIP)
WAYNE				\$390,000	
NASH					
HALIFAX					
EDGECOMBE					
PROJ.CATEGORY					
REGIONAL					

* W-5704SW	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS.	RIGHT-OF-WAY CONSTRUCTION	FY 2022 -	\$40,000	(HSIP)
JOHNSTON			FY 2022 -	\$240,000	(HSIP)
EDGECOMBE	<u>ADD CONSTRUCTION IN FY 23 NOT PREVIOUSLY PROGRAMMED.</u>		FY 2023 -	\$240,000	(HSIP)
WILSON				\$520,000	
HALIFAX					
WAYNE					
NASH					
PROJ.CATEGORY					
STATEWIDE					

**DIVISION 5**

BL-0022	VARIOUS, DOWNTOWN FUQUAY-VARINA TO FUQUAY VARINA HIGH SCHOOL IN FUQUAY-VARINA.	ENGINEERING	FY 2022 -	\$70,000	(BGDA)
WAKE			FY 2022 -	\$17,000	(L)
PROJ.CATEGORY	CONSTRUCT SIDEWALK EXTENSIONS AND IMPROVE SAFETY OF PEDESTRIAN CROSSING.	RIGHT-OF-WAY	FY 2023 -	\$120,000	(BGDA)
DIVISION	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY RIGHT-OF-WAY FROM FY 22 TO FY 23 AND CONSTRUCTION FROM FY 22 TO FY 23.</u>	CONSTRUCTION	FY 2023 -	\$30,000	(L)
			FY 2023 -	\$976,000	(BGDA)
			FY 2023 -	\$244,000	(L)
				\$1,457,000	

\* INDICATES FEDERAL AMENDMENT

Thursday, September 8, 2022

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

**DIVISION 5**

BL-0025	SR 2000 (WAKE FOREST ROAD), FOREST RIDGE ROAD	ENGINEERING	FY 2022 -	\$120,000	(BGDA)
WAKE	TO RONALD DRIVE IN RALEIGH. EXTEND EXISTING		FY 2022 -	\$30,000	(L)
<b>PROJ.CATEGORY</b>	SIDEWALKS.	RIGHT-OF-WAY	FY 2023 -	\$160,000	(BGDA)
DIVISION	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>		FY 2023 -	\$40,000	(L)
	<u>DESIGN. DELAY RIGHT-OF-WAY FROM FY 22 TO FY 23</u>	CONSTRUCTION	FY 2023 -	\$1,071,000	(BGDA)
	<u>AND CONSTRUCTION FROM FY 22 TO FY 23.</u>		FY 2023 -	\$268,000	(L)
				\$1,689,000	

BL-0026	LITTLE DRIVE, SR 2153 (LOUIS STEPHENS DRIVE) TO	ENGINEERING	FY 2022 -	\$153,000	(BGDA)
WAKE	CSX RAILROAD IN RESEARCH TRIANGLE PARK.		FY 2022 -	\$66,000	(L)
<b>PROJ.CATEGORY</b>	CONSTRUCT GREENWAY TRAIL.	CONSTRUCTION	FY 2023 -	\$744,000	(BGDA)
DIVISION	<u>TO ALLOW ADDITIONAL TIME FOR DESIGN, DELAY</u>		FY 2023 -	\$319,000	(L)
	<u>CONSTRUCTION FROM FY 22 TO FY 23.</u>			\$1,282,000	

BL-0027	CRABTREE CREEK GREENWAY, LASSITER MILL ROAD	CONSTRUCTION	FY 2023 -	\$1,182,000	(BGDA)
WAKE	TO HERTFORD STREET IN RALEIGH. CONSTRUCT		FY 2023 -	\$507,000	(L)
<b>PROJ.CATEGORY</b>	GREENWAY TRAIL.			\$1,689,000	
DIVISION	<u>TO ALLOW ADDITIONAL TIME FOR DESIGN, DELAY</u>				
	<u>CONSTRUCTION FROM FY 22 TO FY 23.</u>				

BL-0038	EAST JONES STREET, US 401 / NC 42 TO NORTH	ENGINEERING	FY 2022 -	\$59,000	(CMAQ)
WAKE	WOODROW STREET IN FUQUAY-VARINA. CONSTRUCT		FY 2022 -	\$15,000	(L)
<b>PROJ.CATEGORY</b>	SIDEWALKS.	RIGHT-OF-WAY	FY 2023 -	\$384,000	(CMAQ)
EXEMPT	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING, DELAY</u>		FY 2023 -	\$96,000	(L)
	<u>RIGHT-OF-WAY FROM FY 22 TO FY 23.</u>	CONSTRUCTION	FY 2023 -	\$282,000	(CMAQ)
			FY 2023 -	\$71,000	(L)
				\$907,000	

BL-0039	NORWELL BOULEVARD; NOTTINGHAM DRIVE;	ENGINEERING	FY 2022 -	\$38,000	(CMAQ)
WAKE	JOHNSON STREET, NORWELL BOULEVARD FROM		FY 2022 -	\$12,000	(L)
<b>PROJ.CATEGORY</b>	BEXLEY BLUFF LANE TO WESTON PKWY,	RIGHT-OF-WAY	FY 2022 -	\$125,000	(CMAQ)
EXEMPT	NOTTINGHAM DRIVE FROM DONALDSON DRIVE TO		FY 2022 -	\$42,000	(L)
	BUCK JONES ROAD, AND JOHNSON STREET FROM SR	CONSTRUCTION	FY 2023 -	\$858,000	(CMAQ)
	1652 (NORTH HARRISON AVENUE) TO NORTH		FY 2023 -	\$286,000	(L)
	ACADEMY STREET IN CARY. CONSTRUCT SIDEWALK			\$1,361,000	
	IMPROVEMENTS.				
	<u>TO ALLOW ADDITIONAL TIME FOR DESIGN, DELAY</u>				
	<u>CONSTRUCTION FROM FY 22 TO FY 23.</u>				

\* INDICATES FEDERAL AMENDMENT

Thursday, September 8, 2022



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

EB-6021 WAKE PROJ.CATEGORY DIVISION	BEAVER CREEK GREENWAY EXTENSION, KELLY ROAD PARK TO APEX NATURE PARK IN APEX. GREENWAY EXTENSION. REALIGN ADJACENT SEGMENT OF EXISTING BEAVER CREEK GREENWAY. <u>TO ALLOW ADDITIONAL TIME FOR DESIGN, DELAY CONSTRUCTION FROM FY 22 TO FY 23.</u>	CONSTRUCTION	FY 2023 - \$1,053,000 (TADA) FY 2023 - \$5,512,000 (L) \$6,565,000
HL-0008G WAKE PROJ.CATEGORY EXEMPT	SR 1375 (LAKE WHEELER ROAD), SR 1393 (HILLTOP- NEEDMORE ROAD) INTERSECTION IN FUQUAY VARINA. INTERSECTION IMPROVEMENTS. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING, DELAY RIGHT-OF-WAY FROM FY 22 TO FY 23.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2023 - \$180,000 (BGDA) FY 2023 - \$225,000 (BGDA) FY 2024 - \$2,400,000 (BGDA) \$2,805,000
HL-0008H WAKE PROJ.CATEGORY EXEMPT	SR 1371 / SR 1375 (LAKE WHEELER ROAD), SR 1375 (SIMPKINS ROAD) / NON-SYSTEM (SIMPKINS FARM LANE) INTERSECTION. INTERSECTION IMPROVEMENTS. <u>ACCELERATE CONSTRUCTION FROM FY 24 TO FY 23 FOR STRATEGIC LETTING PURPOSES.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2022 - \$150,000 (BGDA) FY 2023 - \$175,000 (BGDA) FY 2023 - \$1,750,000 (BGDA) \$2,075,000
HL-0027 WAKE PROJ.CATEGORY DIVISION	SR 1301 (SUNSET LAKE ROAD), US 401 TO SR 1431 (PRODUCTS ROAD) IN FUQUAY-VARINA. WIDEN TO MULTILANES. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY RIGHT-OF-WAY FROM FY 22 TO FY 23 AND CONSTRUCTION FROM FY 22 TO FY 23.</u>	ENGINEERING  RIGHT-OF-WAY  CONSTRUCTION	FY 2022 - \$50,000 (BGDA) FY 2022 - \$12,000 (L) FY 2023 - \$800,000 (BGDA) FY 2023 - \$200,000 (L) FY 2023 - \$462,000 (BGDA) FY 2023 - \$116,000 (L) \$1,640,000
* HL-0051 WAKE PROJ.CATEGORY DIVISION	SR 1319 (JONES FRANKLIN ROAD), ATHENS DRIVE IN RALEIGH. INSTALL LEFT TURN LANES. <u>TO ALLOW ADDITIONAL TIME FOR DESIGN, DELAY CONSTRUCTION FROM FY 23 TO FY 24.</u>	ENGINEERING  RIGHT-OF-WAY  CONSTRUCTION	FY 2023 - \$22,000 (S) FY 2023 - \$88,000 (BGDA) FY 2023 - \$16,000 (S) FY 2023 - \$64,000 (BGDA) FY 2024 - \$80,000 (S) FY 2024 - \$320,000 (BGDA) \$590,000
* HS-2005H DURHAM PROJ.CATEGORY DIVISION	SR 1973 (PAGE ROAD), CHURCHILL HALL/ARBY'S/MCDONALD'S DRIVEWAY. INSTALL DIRECTIONAL CROSSOVER. <u>ADD NEW PROJECT BREAK AT THE REQUEST OF THE TRANSPORTATION MOBILITY AND SAFETY DIVISION.</u>	CONSTRUCTION	FY 2023 - \$20,000 (HSIP) \$20,000

\* INDICATES FEDERAL AMENDMENT

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

* I-5993	I-40, US 15 / US 501 TO EAST OF NC 147. PAVEMENT	CONSTRUCTION	FY 2024 -	\$16,541,000	(NHPIM)
DURHAM	REHABILITATION.		FY 2025 -	\$16,525,000	(NHPIM)
<b>PROJ.CATEGORY</b>	<u>MODIFY DESCRIPTION TO INCLUDE I-5994 SCOPE.</u>		FY 2026 -	\$3,434,000	(NHPIM)
STATEWIDE	<u>ACCELERATE CONSTRUCTION FROM FY 25 TO FY 24</u>			\$36,500,000	
	<u>FOR STRATEGIC LETTING PURPOSES.</u>				

U-5966	NEW ROUTE, SR 1613 (DAVIS DRIVE) TO NC 540 IN	RIGHT-OF-WAY	FY 2028 -	\$3,225,000	(T)
WAKE	MORRISVILLE. CONSTRUCT MULTILANE FACILITY ON		FY 2029 -	\$6,450,000	(T)
<b>PROJ.CATEGORY</b>	NEW LOCATION.		AFTER FY 2029 -	\$3,225,000	(T)
REGIONAL	<u>REVISE WESTERN TERMINUS OF THE PROJECT TO</u>	UTILITIES	FY 2028 -	\$1,199,000	(T)
	<u>REFLECT CURRENT PROJECT DELIVERY SCOPE.</u>		FY 2029 -	\$1,199,000	(T)
		CONSTRUCTION	AFTER FY 2029 -	\$93,701,000	(T)
				\$108,999,000	

**DIVISION 6**

U-6229	NC 24 (BRAGG BOULEVARD), US 401 (SKIBO ROAD) TO	CONSTRUCTION	FY 2023 -	\$24,000	(HSIP)
CUMBERLAND	GLENVILLE AVENUE. MEDIAN AND GUARDRAIL		FY 2023 -	\$48,000	(T)
<b>PROJ.CATEGORY</b>	REPLACEMENT, ADD PEDESTRIAN SIGNALS,		FY 2024 -	\$1,493,000	(HSIP)
DIVISION	RESURFACE PAVEMENT.		FY 2024 -	\$2,986,000	(T)
	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>		FY 2025 -	\$883,000	(HSIP)
	<u>DESIGN, DELAY CONSTRUCTION FROM FY 22 TO FY 23.</u>		FY 2025 -	\$1,766,000	(T)
				\$7,200,000	

* W-5706DIV	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2022 -	\$30,000	(HSIP)
CUMBERLAND	LOCATIONS.	CONSTRUCTION	FY 2022 -	\$180,000	(HSIP)
BLADEN	<u>ADD CONSTRUCTION IN FY 23 NOT PREVIOUSLY</u>		FY 2023 -	\$180,000	(HSIP)
COLUMBUS	<u>PROGRAMMED.</u>			\$390,000	
HARNETT					
ROBESON					
<b>PROJ.CATEGORY</b>					
DIVISION					

\* INDICATES FEDERAL AMENDMENT

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**DIVISION 6**

* W-5706REG	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS.	RIGHT-OF-WAY CONSTRUCTION	FY 2022 -	\$30,000	(HSIP)
HARNETT			FY 2022 -	\$180,000	(HSIP)
CUMBERLAND	<u>ADD CONSTRUCTION IN FY 23 NOT PREVIOUSLY PROGRAMMED.</u>		FY 2023 -	\$180,000	(HSIP)
COLUMBUS				\$390,000	
BLADEN					
ROBESON					
<b>PROJ.CATEGORY</b>					
REGIONAL					

* W-5706SW	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS.	RIGHT-OF-WAY CONSTRUCTION	FY 2022 -	\$40,000	(HSIP)
HARNETT			FY 2022 -	\$240,000	(HSIP)
CUMBERLAND	<u>ADD CONSTRUCTION IN FY 23 NOT PREVIOUSLY PROGRAMMED.</u>		FY 2023 -	\$240,000	(HSIP)
COLUMBUS				\$520,000	
ROBESON					
BLADEN					
<b>PROJ.CATEGORY</b>					
STATEWIDE					

**DIVISION 7**

AV-5711	PIEDMONT TRIAD INTERNATIONAL AIRPORT (GSO),	CONSTRUCTION	FY 2025 -	\$500,000	(T)
GUILFORD	SURFACE MOVEMENT GUIDANCE AND CONTROL		FY 2025 -	\$7,500,000	(O)
<b>PROJ.CATEGORY</b>	SYSTEM (SMGCS) UPDATE.		FY 2026 -	\$500,000	(T)
STATEWIDE	<u>TO ALLOW ADDITIONAL TIME FOR DESIGN. DELAY CONSTRUCTION FROM FY 22 TO FY 25.</u>		FY 2027 -	\$500,000	(T)
				\$9,000,000	

AV-5737	BURLINGTON- ALAMANCE REGIONAL AIRPORT (BUY),	RIGHT-OF-WAY	FY 2023 -	\$1,080,000	(T)
ALAMANCE	OBTAIN NAVIGATION EASEMENTS AND CLEAR		FY 2023 -	\$120,000	(L)
<b>PROJ.CATEGORY</b>	OBSTRUCTIONS IN THE RUNWAY 24 APPROACH.			\$1,200,000	
DIVISION	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING. DELAY RIGHT-OF-WAY FROM FY 22 TO FY 23.</u>				

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**DIVISION 7**

* BL-0044 ORANGE <b>PROJ.CATEGORY</b> DIVISION	NC 54, WESTBROOK DRIVE IN CARRBORO TO WEST OF US 15 / US 501 / NC 86 (SOUTH COLUMBIA STREET) INTERCHANGE IN CHAPEL HILL. CONSTRUCT SIDEWALK AND INSTALL PEDESTRIAN SIGNALS, CROSSWALKS, AND REFUGE ISLANDS AT SELECTED LOCATIONS. <u>DELETE RIGHT-OF-WAY AT THE REQUEST OF THE DIVISION.</u>	ENGINEERING CONSTRUCTION	FY 2022 - \$175,000 (S) FY 2023 - \$140,000 (S) FY 2023 - \$978,000 (BGDA) FY 2023 - \$193,000 (L) \$1,486,000
* HS-2007D GUILFORD <b>PROJ.CATEGORY</b> DIVISION	I-74 AND US 29/70, I-74 AND US 29/70 (I-85 BUSINESS INTERCHANGE). UPGRADE SIGNALS, PAVEMENT MARKINGS, AND SIGNING. <u>ADD NEW PROJECT BREAK AT THE REQUEST OF THE TRANSPORTATION MOBILITY AND SAFETY DIVISION.</u>	CONSTRUCTION	FY 2023 - \$500,000 (HSIP) \$500,000
* HS-2007E GUILFORD <b>PROJ.CATEGORY</b> DIVISION	NC 62, NC 62 FROM WEST OF SR 1138 (TOM BALL ROAD) TO WEST OF THE ALAMANCE COUNTY LINE. INSTALL PAVEMENT MARKINGS. <u>ADD NEW PROJECT BREAK AT THE REQUEST OF THE TRANSPORTATION MOBILITY AND SAFETY DIVISION.</u>	CONSTRUCTION	FY 2023 - \$715,000 (HSIP) \$715,000
I-3306AD ORANGE <b>PROJ.CATEGORY</b> STATEWIDE	I-85 IN ORANGE COUNTY TO DURHAM COUNTY. TOWING CONTRACT FOR I-3306A CONSTRUCTION. <u>ADD NEW PROJECT BREAK FOR TOWING CONTRACT, AT THE REQUEST OF THE TRANSPORTATION MOBILITY AND SAFETY DIVISION.</u>	CONSTRUCTION	FY 2023 - \$2,280,000 (T) \$2,280,000
P-5701B ORANGE <b>PROJ.CATEGORY</b> DIVISION	NORFOLK SOUTHERN H LINE, NORFOLK SOUTHERN H LINE, MILEPOST 41.7 IN HILLSBOROUGH. CONSTRUCT STATION PLATFORM AND REALIGN CURVE AT MILEPOST 41.4. <u>TO ALLOW ADDITIONAL TIME FOR DESIGN, DELAY CONSTRUCTION FROM FY 22 TO FY 23.</u>	CONSTRUCTION	FY 2023 - \$500,000 (T) FY 2024 - \$500,000 (T) \$1,000,000
TA-4771 GUILFORD <b>PROJ.CATEGORY</b> PUBLIC TRANS	GTA, CLEAN DIESEL REPLACEMENT BUSES <u>MODIFY FUNDING IN FY 23 AT THE REQUEST OF THE MPO.</u>	CAPITAL	FY 2022 - \$1,763,000 (CMAQ) FY 2022 - \$440,000 (L) FY 2023 - \$1,803,000 (CMAQ) FY 2023 - \$451,000 (L) \$4,457,000

\* INDICATES FEDERAL AMENDMENT

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**DIVISION 8**

AV-5736 CHATHAM PROJ.CATEGORY DIVISION	SILER CITY MUNICIPAL AIRPORT (SCR), ACQUIRE NAVIGATION EASEMENTS IN RUNWAY 4 AND RUNWAY 22 APPROACHES, AND REMOVE OBSTRUCTIONS IN EASEMENTS. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING. DELAY RIGHT-OF-WAY FROM FY 22 TO FY 23.</u>	RIGHT-OF-WAY	FY 2023 - \$365,000 (T) \$365,000
R-5930 CHATHAM PROJ.CATEGORY DIVISION	NEW ROUTE, US 64 BYPASS IN PITTSBORO TO US 15 / US 501. CONSTRUCT ROADWAY ON NEW LOCATION. <u>MODIFY SCOPE AND REVISE SOUTHERN TERMINUS FOR CONSISTENCY WITH PROJECT DEVELOPMENT SCOPE.</u>	RIGHT-OF-WAY  UTILITIES CONSTRUCTION	FY 2023 - \$423,000 (T) FY 2024 - \$846,000 (T) FY 2025 - \$423,000 (T) FY 2023 - \$360,000 (T) FY 2024 - \$193,000 (T) FY 2024 - \$90,000 (O) FY 2025 - \$7,638,000 (T) FY 2025 - \$3,562,000 (O) FY 2026 - \$7,372,000 (T) FY 2026 - \$3,438,000 (O) FY 2027 - \$4,097,000 (T) FY 2027 - \$1,911,000 (O) \$30,353,000
U-5770 RANDOLPH PROJ.CATEGORY REGIONAL	I-85, SR 1009 (SOUTH MAIN STREET) IN ARCHDALE. INTERCHANGE IMPROVEMENTS. <u>DELETE CONSTRUCTION IN FY 25. CONSTRUCTION BEING PROGRAMMED UNDER U-5770A AND U-5770B.</u>	RIGHT-OF-WAY UTILITIES	FY 2022 - \$5,833,000 (T) FY 2022 - \$1,900,000 (T) \$7,733,000
U-5770A RANDOLPH PROJ.CATEGORY REGIONAL	SR 1009 (SOUTH MAIN STREET), WEST OF COLUMBUS AVENUE TO SR 3182 (COMANCHE ROAD/TARHEEL ROAD). MILLING AND RESURFACING. <u>ADD NEW PROJECT BREAK AT THE REQUEST OF THE DIVISION.</u>	CONSTRUCTION	FY 2023 - \$669,000 (S) FY 2023 - \$1,024,000 (T) \$1,693,000
U-5770B RANDOLPH PROJ.CATEGORY REGIONAL	SR 1009 (SOUTH MAIN STREET), WEST OF COLUMBUS AVENUE TO SR 3182 (COMANCHE ROAD/TARHEEL ROAD). CONSTRUCT DDI AND RCI IMPROVEMENTS. <u>ADD NEW PROJECT BREAK AT THE REQUEST OF THE DIVISION.</u>	CONSTRUCTION	FY 2025 - \$175,000 (T) FY 2026 - \$9,485,000 (T) FY 2027 - \$6,419,000 (T) FY 2028 - \$1,421,000 (T) \$17,500,000

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**DIVISION 9**

AV-5738 FORSYTH <b>PROJ.CATEGORY</b> DIVISION	SMITH REYNOLDS AIRPORT (INT), ACQUIRE LAND AND CLEAR TERRAIN OBSTRUCTIONS EAST OF RUNWAY 15- 33 TO DRAIN AND GRADE MATERIAL IN PLACE. <u>TO ALLOW ADDITIONAL TIME FOR DESIGN, DELAY</u> <u>CONSTRUCTION FROM FY 22 TO FY 23.</u>	CONSTRUCTION	FY 2023 - \$1,225,000 (T) FY 2024 - \$1,225,000 (T) \$2,450,000
AV-5832 FORSYTH <b>PROJ.CATEGORY</b> DIVISION	SMITH REYNOLDS AIRPORT (INT), CONSTRUCT NEW TAXILANE. <u>TO ALLOW ADDITIONAL TIME FOR DESIGN, DELAY</u> <u>CONSTRUCTION FROM FY 22 TO FY 23.</u>	CONSTRUCTION	FY 2023 - \$7,850,000 (T) FY 2024 - \$7,850,000 (T) \$15,700,000
* B-5783 DAVIDSON <b>PROJ.CATEGORY</b> REGIONAL	US 29 / US 70 / BUSINESS 85, REPLACE BRIDGE 280164 AND BRIDGE 280168 OVER NORFOLK SOUTHERN RAILROAD. <u>DELETE RIGHT-OF-WAY AT THE REQUEST OF THE</u> <u>DIVISION.</u>	CONSTRUCTION	FY 2023 - \$1,156,000 (BFP) FY 2024 - \$3,787,000 (BFP) FY 2025 - \$834,000 (BFP) \$5,777,000
HL-0015 FORSYTH <b>PROJ.CATEGORY</b> EXEMPT	NC 66 / SR 4309 (WEST MOUNTAIN STREET), BEAUCREST STREET TO ASBURY DRIVE IN KERNERSVILLE. CONSTRUCT TURN-LANE BETWEEN KERNERSVILLE YMCA AND DEERE-HITACHI EAST ENTRANCE, AND EXTEND EXISTING SIDEWALK FROM BEAUCREST STREET TO ASBURY DRIVE. <u>ADD CONSTRUCTION IN FY 25 NOT PREVIOUSLY</u> <u>PROGRAMMED.</u>	ENGINEERING  RIGHT-OF-WAY  CONSTRUCTION	FY 2022 - \$301,000 (BGDA) FY 2022 - \$75,000 (L) FY 2023 - \$356,000 (BGDA) FY 2023 - \$89,000 (L) FY 2022 - \$209,000 (BGDA) FY 2022 - \$52,000 (L) FY 2024 - \$17,000 (BGDA) FY 2024 - \$4,000 (L) FY 2025 - \$2,545,000 (BGDA) FY 2025 - \$636,000 (L) \$4,284,000
* HS-2009E ROWAN <b>PROJ.CATEGORY</b> DIVISION	SR 1002 (OLD CONCORD ROAD), SR 1002 (OLD CONCORD ROAD) FROM JAKE ALEXANDER BOULEVARD IN SALISBURY TO THE CABARRUS COUNTY LINE. INSTALL PAVEMENT MARKINGS. <u>ADD NEW PROJECT BREAK AT THE REQUEST OF THE</u> <u>TRANSPORTATION MOBILITY AND SAFETY DIVISION.</u>	CONSTRUCTION	FY 2023 - \$396,000 (HSIP) \$396,000

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**DIVISION 9**

P-5726B	NORFOLK SOUTHERN, SALISBURY NORFOLK	CONSTRUCTION	FY 2023 -	\$500,000	(T)
ROWAN	SOUTHERN CROSSOVER RELOCATION.		FY 2024 -	\$2,000,000	(T)
<b>PROJ.CATEGORY</b>	<u>TO ALLOW ADDITIONAL TIME FOR DESIGN, DELAY</u>		FY 2025 -	\$1,000,000	(T)
REGIONAL	<u>CONSTRUCTION FROM FY 22 TO FY 23.</u>		FY 2026 -	\$500,000	(T)
				<u>\$4,000,000</u>	

U-2579BB	FUTURE I-74, CONSTRUCT NOISE WALL	UTILITIES	FY 2022 -	\$234,000	(T)
FORSYTH	<u>TO ALLOW ADDITIONAL TIME FOR DESIGN, DELAY</u>	CONSTRUCTION	FY 2023 -	\$2,500,000	(T)
<b>PROJ.CATEGORY</b>	<u>CONSTRUCTION FROM FY 22 TO FY 23.</u>			<u>\$2,734,000</u>	
TRANSITION					

U-6005	NC 65 (BETHANIA-RURAL HALL ROAD), US 52 TO SR	RIGHT-OF-WAY	FY 2023 -	\$1,900,000	(T)
FORSYTH	3983 (NORTHBRIDGE DRIVE) IN RURAL HALL. WIDEN TO		FY 2024 -	\$1,900,000	(T)
<b>PROJ.CATEGORY</b>	MULTILANES.	UTILITIES	FY 2023 -	\$900,000	(T)
DIVISION	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>	CONSTRUCTION	FY 2025 -	\$2,712,000	(T)
	<u>DESIGN, DELAY RIGHT-OF-WAY FROM FY 22 TO FY 23.</u>		FY 2026 -	\$2,588,000	(T)
				<u>\$10,000,000</u>	

* U-6187	NEW ROUTE, SR 1630 (BALTIMORE ROAD) TO I-40.	RIGHT-OF-WAY	FY 2024 -	\$850,000	(BGANY)
DAVIE	CONSTRUCT 2-LANE EXTENSION OF BALTIMORE		FY 2025 -	\$1,700,000	(BGANY)
<b>PROJ.CATEGORY</b>	ROAD AND INTERCHANGE AT I-40.		FY 2026 -	\$850,000	(BGANY)
DIVISION	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>	UTILITIES	FY 2024 -	\$300,000	(BGANY)
	<u>DESIGN, DELAY RIGHT-OF-WAY FROM FY 23 TO FY 24</u>	BUILD NC CON	FY 2026 -	\$429,000	(T)
	<u>AND CONSTRUCTION FROM FY 24 TO FY 25.</u>		FY 2027 -	\$429,000	(T)
			FY 2028 -	\$429,000	(T)
			FY 2029 -	\$429,000	(T)
			AFTER FY 2029 -	\$4,719,000	(T)
		CONSTRUCTION	FY 2025 -	\$7,225,000	(T)
			FY 2026 -	\$11,921,000	(T)
			FY 2027 -	\$1,329,000	(T)
			FY 2028 -	\$2,625,000	(T)
			FY 2029 -	\$500,000	(T)
				<u>\$33,735,000</u>	

**DIVISION 10**

BL-0058	RAIL TRAIL PEDESTRIAN BRIDGE, SR 3815 (EAST	CONSTRUCTION	FY 2023 -	\$1,903,000	(BGDA)
MECKLENBURG	MOREHEAD STREET) TO STONEWALL LIGHT RAIL		FY 2023 -	\$4,440,000	(L)
<b>PROJ.CATEGORY</b>	STATION. CONSTRUCT RAIL TRAIL PEDESTRIAN			<u>\$6,343,000</u>	
DIVISION	BRIDGE OVER I-277 (BELK FREEWAY).				
	<u>TO ALLOW ADDITIONAL TIME FOR PRELIMINARY</u>				
	<u>ENGINEERING, DELAY CONSTRUCTION FROM FY 22</u>				
	<u>TO FY 23.</u>				

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**DIVISION 10**

* HS-2010E MECKLENBURG <b>PROJ.CATEGORY</b> REGIONAL	NC 49 (SOUTH TRYON STREET) AT GENERAL DRIVE; AND, NC 49 (SOUTH TRYON STREET) AT SR 1347 (NEVADA BOULEVARD). INSTALL TRAFFIC SIGNAL AT NC 49 AND GENERAL DRIVE, AND CONVERT NC 49 AT SR 1347 (NEVADA BOULEVARD) TO A DIRECTIONAL CROSSOVER.  <u>ADD PROJECT BREAK AT THE REQUEST OF THE TRANSPORTATION MOBILITY AND SAFETY DIVISION.</u>	UTILITIES CONSTRUCTION	FY 2025 - \$25,000 (HSIP) FY 2025 - <u>\$534,000</u> (HSIP) \$559,000
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* HS-2010F CABARRUS <b>PROJ.CATEGORY</b> REGIONAL	NC 24/27 AND SR 1100 (PINE BLUFF ROAD/ REED MINE ROAD) NEAR LOCUST. INSTALL A REDUCED CONFLICT INTERSECTION.  <u>ADD PROJECT BREAK AT THE REQUEST OF THE TRANSPORTATION MOBILITY AND SAFETY DIVISION.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2024 - \$5,000 (HSIP) FY 2025 - <u>\$747,000</u> (HSIP) \$752,000
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* HS-2010G MECKLENBURG <b>PROJ.CATEGORY</b> REGIONAL	NC 51 AND POLK STREET. INSTALL PEDESTRIAN SIGNALS AND ACCOMMODATIONS.  <u>ADD PROJECT BREAK AT THE REQUEST OF THE TRANSPORTATION MOBILITY AND SAFETY DIVISION.</u>	CONSTRUCTION	FY 2024 - <u>\$144,000</u> (HSIP) \$144,000
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P-5748B UNION <b>PROJ.CATEGORY</b> REGIONAL	CSX SG LINE, SR 1300 (HELMS ROAD) INTERSECTION. CONSTRUCT GRADE SEPARATION AND CLOSE AT- GRADE CROSSING AT SR 1432 (TORY PATH).  <u>TO ALLOW ADDITIONAL TIME FOR PRELIMINARY ENGINEERING, DELAY RIGHT-OF-WAY FROM FY 22 TO FY 23.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2023 - \$5,000,000 (T) FY 2023 - \$378,000 (T) FY 2024 - \$4,700,000 (DP) FY 2024 - \$135,000 (T) FY 2024 - \$250,000 (O) FY 2025 - \$8,102,000 (T) FY 2026 - \$4,432,000 (T) FY 2027 - <u>\$559,000</u> (T) \$23,556,000
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**DIVISION 11**

AV-5894 WILKES <b>PROJ.CATEGORY</b> DIVISION	WILKES COUNTY AIRPORT (UKF), EXTEND RUNWAY TO 7,000 FEET.  <u>TO ALLOW ADDITIONAL TIME FOR PRELIMINARY ENGINEERING, DELAY RIGHT-OF-WAY FROM FY 22 TO FY 24.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2024 - \$600,000 (T) FY 2024 - \$4,100,000 (T) FY 2025 - \$4,100,000 (T) FY 2026 - <u>\$4,100,000</u> (T) \$12,900,000
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**DIVISION 11**

BL-0002	US 321A (MAIN STREET)/ HUDSON, CONSTRUCT	ENGINEERING	FY 2022 -	\$64,000	(BGDA)
CALDWELL	PEDESTRIAN CROSSING IMPROVEMENTS FROM SR		FY 2022 -	\$16,000	(L)
<b>PROJ.CATEGORY</b>	1952 (CEDAR VALLEY ROAD) TO SR 1156 (LEGION	RIGHT-OF-WAY	FY 2023 -	\$19,000	(BGDA)
<b>DIVISION</b>	ROAD).		FY 2023 -	\$5,000	(L)
	<u>TO ALLOW ADDITIONAL TIME FOR PRELIMINARY</u>	CONSTRUCTION	FY 2023 -	\$352,000	(BGANY)
	<u>ENGINEERING, DELAY RIGHT-OF-WAY FROM FY 22 TO</u>		FY 2023 -	\$88,000	(L)
	<u>FY 23.</u>			\$544,000	
EB-5924	TOWN OF BLOWING ROCK, MIDDLE FORK GREENWAY,	RIGHT-OF-WAY	FY 2022 -	\$73,000	(FLAP)
WATAUGA	SECTION 1. CONSTRUCT GREENWAY. NC FLAP		FY 2022 -	\$17,000	(L)
<b>PROJ.CATEGORY</b>	BLOWING ROCK 321(1).	CONSTRUCTION	FY 2023 -	\$1,624,000	(FLAP)
<b>EXEMPT</b>	<u>TO ALLOW ADDITIONAL TIME FOR PRELIMINARY</u>		FY 2023 -	\$245,000	(L)
	<u>ENGINEERING, DELAY CONSTRUCTION FROM FY 22</u>		FY 2023 -	\$145,000	(S(M))
	<u>TO FY 23.</u>			\$2,104,000	
* HB-0020	SR 1185 (CURTIS BRIDGE ROAD), REPLACE BRIDGE	RIGHT-OF-WAY	FY 2023 -	\$800,000	(BGOFF)
WILKES	960730 OVER THE YADKIN RIVER.	CONSTRUCTION	FY 2026 -	\$4,000,000	(BGOFF)
<b>PROJ.CATEGORY</b>	<u>MODIFY PROJECT SCOPE, FUNDING AMOUNTS, AND</u>		FY 2027 -	\$4,000,000	(BGOFF)
<b>DIVISION</b>	<u>DELAY CONSTRUCTION FROM FY 24 TO FY 25.</u>			\$8,800,000	
* R-2566BB	NC 105, SR 1658 (OLD SHULLS MILL ROAD)	CONSTRUCTION	FY 2023 -	\$1,500,000	(T)
WATAUGA	INTERSECTION. REALIGN SR 1658 (OLD SHULLS MILL			\$1,500,000	
<b>PROJ.CATEGORY</b>	ROAD).				
REGIONAL	<u>ADD SEGMENT BB NOT PREVIOUSLY PROGRAMMED</u>				
	<u>AT THE REQUEST OF THE DIVISION.</u>				
* R-5714	US 601, US 52 TO SR 1365 (FORREST DRIVE).	CONSTRUCTION	FY 2023 -	\$117,000	(T)
SURRY	UPGRADE ROADWAY.		FY 2024 -	\$6,319,000	(T)
<b>PROJ.CATEGORY</b>	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25%</u>		FY 2025 -	\$5,264,000	(T)
REGIONAL	<u>THRESHOLDS.</u>			\$11,700,000	

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* R-5832	NC 88, NC 88 TO NC 194. UPGRADE ROADWAY.	RIGHT-OF-WAY	FY 2024 -	\$6,100,000	(T)
ASHE	<u>TO ALLOW ADDITIONAL TIME FOR PRELIMINARY</u>		FY 2025 -	\$6,100,000	(T)
<b>PROJ.CATEGORY</b>	<u>ENGINEERING. DELAY RIGHT-OF-WAY FROM FY 23 TO</u>	UTILITIES	FY 2024 -	\$750,000	(T)
<b>DIVISION</b>	<u>FY 24 AND CONSTRUCTION FROM FY 24 TO FY 25.</u>		FY 2025 -	\$750,000	(T)
		BUILD NC CON	FY 2025 -	\$3,260,000	(T)
			FY 2026 -	\$1,630,000	(T)
			FY 2027 -	\$1,630,000	(T)
			FY 2028 -	\$1,630,000	(T)
			FY 2029 -	\$1,630,000	(T)
			AFTER FY 2029 -	\$14,670,000	(T)
		CONSTRUCTION	FY 2027 -	\$7,661,000	(T)
			FY 2028 -	\$6,540,000	(T)
			FY 2029 -	\$6,540,000	(T)
				\$58,891,000	

**DIVISION 12**

AV-5755	LINCOLN-TON-LINCOLN COUNTY AIRPORT (IPJ), LAND	RIGHT-OF-WAY	FY 2023 -	\$176,000	(T)
LINCOLN	ACQUISITION FOR RUNWAY 5 APPROACH.			\$176,000	
<b>PROJ.CATEGORY</b>	<u>TO ALLOW ADDITIONAL TIME FOR PRELIMINARY</u>				
<b>DIVISION</b>	<u>ENGINEERING. DELAY RIGHT-OF-WAY FROM FY 22 TO</u>				
	<u>FY 23.</u>				
* B-5843	SR 2402 (HOOVER ROAD), REPLACE BRIDGE 480020	RIGHT-OF-WAY	FY 2023 -	\$67,000	(BGOFF)
IREDELL	OVER I-L CREEK.	CONSTRUCTION	FY 2024 -	\$455,000	(BGOFF)
<b>PROJ.CATEGORY</b>	<u>TO ALLOW ADDITIONAL TIME FOR PRELIMINARY</u>		FY 2025 -	\$220,000	(BGOFF)
<b>DIVISION</b>	<u>ENGINEERING. DELAY RIGHT-OF-WAY FROM FY 22 TO</u>			\$742,000	
	<u>FY 23 AND CONSTRUCTION FROM FY 23 TO FY 24.</u>				

C-5606D	US 321 BUSINESS, NC 275/279, CONSTRUCT	CONSTRUCTION	FY 2023 -	\$314,000	(CMAQ)
GASTON	SIDEWALKS ALONG PORTIONS OF US 321 BUSINESS		FY 2023 -	\$79,000	(L)
<b>PROJ.CATEGORY</b>	AND NC 275/279 NEAR GASTON COLLEGE, INCLUDING			\$393,000	
<b>EXEMPT</b>	A CROSSWALK ACROSS NC 275/279.				
	<u>TO ALLOW ADDITIONAL TIME FOR PRELIMINARY</u>				
	<u>ENGINEERING. DELAY CONSTRUCTION FROM FY 22</u>				
	<u>TO FY 23.</u>				

C-5606E	NEW ROUTE, TECHNOLOGY PARK TO GASTON	CONSTRUCTION	FY 2023 -	\$470,000	(CMAQ)
GASTON	COLLEGE. CONSTRUCT GREENWAY.		FY 2023 -	\$118,000	(L)
<b>PROJ.CATEGORY</b>	<u>TO ALLOW ADDITIONAL TIME FOR RIGHT-OF-WAY</u>			\$588,000	
<b>EXEMPT</b>	<u>ACQUISITION. DELAY CONSTRUCTION FROM FY 22 TO</u>				
	<u>FY 23.</u>				

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C-5606I LINCOLN <b>PROJ.CATEGORY</b> EXEMPT	NC 27, EXISTING SIDEWALKS ALONG NC 27 IN LINCOLN CITY LIMITS. CONSTRUCT SIDEWALKS IN GAPS. <u>TO ALLOW ADDITIONAL TIME FOR PRELIMINARY ENGINEERING. DELAY CONSTRUCTION FROM FY 22 TO FY 23.</u>	CONSTRUCTION	FY 2023 - \$125,000 (CMAQ) FY 2023 - \$250,000 (S) FY 2023 - \$31,000 (L) \$406,000
C-5606J GASTON <b>PROJ.CATEGORY</b> EXEMPT	NEW ROUTE, CONSTRUCT POSTON PARK SIDEWALK CONNECTOR. <u>TO ALLOW ADDITIONAL TIME FOR PRELIMINARY ENGINEERING. DELAY CONSTRUCTION FROM FY 22 TO FY 23.</u>	CONSTRUCTION	FY 2023 - \$225,000 (CMAQ) FY 2023 - \$56,000 (L) \$281,000
* C-5704 GASTON <b>PROJ.CATEGORY</b> EXEMPT	CRAMERTON- MCADENVILLE GREENWAY CONNECTOR, CONSTRUCT GREENWAY CONNECTING PAVED TRAIL AT SOUTH FORK VILLAGE IN CRAMERTON TO RIVERSIDE DRIVE IN MCADENVILLE, FOLLOWING SOUTH FORK OF CATAWBA RIVER. <u>TO ALLOW ADDITIONAL TIME FOR PRELIMINARY ENGINEERING. DELAY RIGHT-OF-WAY FROM FY 23 TO FY 24 AND CONSTRUCTION FROM FY 23 TO FY 24.</u>	ENGINEERING  RIGHT-OF-WAY  CONSTRUCTION	FY 2022 - \$78,000 (CMAQ) FY 2022 - \$20,000 (L) FY 2024 - \$41,000 (CMAQ) FY 2024 - \$10,000 (L) FY 2024 - \$321,000 (CMAQ) FY 2024 - \$332,000 (L) \$802,000
EB-5787 IREDELL <b>PROJ.CATEGORY</b> DIVISION	MOORESVILLE, BELLINGHAM PARK GREENWAY EXTENSION TO JOHNSON DAIRY ROAD. CONSTRUCT GREENWAY. <u>TO ALLOW ADDITIONAL TIME FOR PRELIMINARY ENGINEERING. DELAY CONSTRUCTION FROM FY 22 TO FY 23.</u>	CONSTRUCTION	FY 2023 - \$3,555,000 (BGDA) FY 2023 - \$889,000 (L) \$4,444,000
EB-5788 IREDELL <b>PROJ.CATEGORY</b> DIVISION	STATESVILLE, SHELTON AVENUE MULTI-USE PATH, GARNER BAGNALL BOULEVARD TO AMITY HILL ROAD. CONSTRUCT GREENWAY. <u>TO ALLOW ADDITIONAL TIME FOR PRELIMINARY ENGINEERING. DELAY RIGHT-OF-WAY FROM FY 21 TO FY 23.</u>	RIGHT-OF-WAY	FY 2023 - \$201,000 (BGDA) FY 2023 - \$50,000 (L) \$251,000
EB-5818 IREDELL <b>PROJ.CATEGORY</b> DIVISION	STATESVILLE, CONSTRUCT GREENWAY CONNECTOR UNDER US 21 (TURNERSBURG HIGHWAY). <u>TO ALLOW ADDITIONAL TIME FOR PRELIMINARY ENGINEERING. DELAY CONSTRUCTION FROM FY 22 TO FY 23.</u>	CONSTRUCTION	FY 2023 - \$1,200,000 (BGDA) FY 2023 - \$470,000 (L) \$1,670,000

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EB-5911 CATAWBA <b>PROJ.CATEGORY</b> DIVISION	OLD LENOIR ROAD MULTI-USE PATH, 9TH STREET NW TO HICKORY WATER PLANT. CONSTRUCT MULTI-USE PATH. <u>TO ALLOW ADDITIONAL TIME FOR RIGHT-OF-WAY ACQUISITION, DELAY CONSTRUCTION FROM FY 22 TO FY 23.</u>	CONSTRUCTION	FY 2023 - \$6,498,000 (TAANY) FY 2023 - \$1,625,000 (L) \$8,123,000
* EB-5912 GASTON <b>PROJ.CATEGORY</b> DIVISION	SR 2044 (TUCKASEEGEE ROAD) MOUNT HOLLY, NC 273 TO MARINA VILLAGE DRIVE. CONSTRUCT SIDEWALK ON SOUTH SIDE. MARINA VILLAGE DRIVE NORTH TO BROOME STREET. CONSTRUCT SIDEWALK ON WEST SIDE. <u>TO ALLOW ADDITIONAL TIME FOR PRELIMINARY ENGINEERING, DELAY RIGHT-OF-WAY FROM FY 22 TO FY 25 AND CONSTRUCTION FROM FY 24 TO FY 27.</u>	ENGINEERING  RIGHT-OF-WAY  CONSTRUCTION	FY 2023 - \$349,000 (TAANY) FY 2023 - \$87,000 (L) FY 2025 - \$582,000 (TAANY) FY 2025 - \$145,000 (L) FY 2027 - \$1,396,000 (TAANY) FY 2027 - \$349,000 (L) \$2,908,000
* EB-5913 GASTON <b>PROJ.CATEGORY</b> DIVISION	CRAMERTON, SR 2014 (LAKEWOOD ROAD), SR 2565 (EAGLE ROAD) TO LAKE DRIVE. CONSTRUCT SIDEWALK AND PEDESTRIAN BRIDGE OVER SOUTH FORK RIVER INLET. <u>TO ALLOW ADDITIONAL TIME FOR PRELIMINARY ENGINEERING, DELAY CONSTRUCTION FROM FY 22 TO FY 25.</u>	CONSTRUCTION	FY 2025 - \$283,000 (TAANY) FY 2025 - \$71,000 (L) \$354,000
EB-5977 CATAWBA <b>PROJ.CATEGORY</b> DIVISION	9TH STREET NW CONNECTOR, CITY WALK TO OLD LENOIR ROAD IN HICKORY. CONSTRUCT MULTI-USE TRAIL ALONG 9TH STREET NW. <u>TO ALLOW ADDITIONAL TIME FOR RIGHT-OF-WAY ACQUISITION, DELAY CONSTRUCTION FROM FY 22 TO FY 23.</u>	CONSTRUCTION	FY 2023 - \$1,168,000 (BGDACV) FY 2023 - \$292,000 (L) \$1,460,000
* HL-0004 CATAWBA <b>PROJ.CATEGORY</b> DIVISION	17TH STREET NW, CONSTRUCT ROADWAY EXTENSION FROM 9TH AVENUE NW TO SR 1371 (CLEMENT BOULEVARD NW). <u>TO ALLOW ADDITIONAL TIME FOR PRELIMINARY ENGINEERING, DELAY RIGHT-OF-WAY FROM FY 22 TO FY 23 AND CONSTRUCTION FROM FY 23 TO FY 24.</u>	RIGHT-OF-WAY  CONSTRUCTION	FY 2023 - \$576,000 (BGDA) FY 2023 - \$144,000 (L) FY 2024 - \$3,840,000 (BGANY) FY 2024 - \$960,000 (L) \$5,520,000
HL-0037 IREDELL <b>PROJ.CATEGORY</b> DIVISION	VARIOUS MAINTENANCE ACTIVITIES INCLUDING RESURFACING AND PAVEMENT RESTRIPIING. <u>TO ALLOW ADDITIONAL TIME FOR PRELIMINARY ENGINEERING, DELAY CONSTRUCTION FROM FY 22 TO FY 23.</u>	CONSTRUCTION	FY 2023 - \$975,000 (BGDACV) \$975,000

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* U-5777	NC 127, 1ST AVENUE SE TO 2ND AVENUE SE. ADD	CONSTRUCTION	FY 2025 -	\$1,280,000	(T)
CATAWBA	TURN LANES.		FY 2026 -	\$2,521,000	(T)
<b>PROJ.CATEGORY</b>	<u>TO ALLOW ADDITIONAL TIME FOR PRELIMINARY</u>		FY 2027 -	\$150,000	(T)
REGIONAL	<u>ENGINEERING. DELAY CONSTRUCTION FROM FY 23</u>			\$3,951,000	
	<u>TO FY 25.</u>				

* U-5799	US 21, SR 1933 TO FORT DOBBS ROAD. WIDEN TO	ENGINEERING	FY 2023 -	\$151,000	(T)
IREDELL	MULTILANES AND REALIGN OFFSET INTERSECTIONS		FY 2024 -	\$151,000	(T)
<b>PROJ.CATEGORY</b>	OF SR 1922 AND SR 2171.		FY 2025 -	\$151,000	(T)
REGIONAL	<u>TO ALLOW ADDITIONAL TIME FOR PRELIMINARY</u>		FY 2026 -	\$151,000	(T)
	<u>ENGINEERING. DELAY CONSTRUCTION FROM FY 23</u>		FY 2027 -	\$151,000	(T)
	<u>TO FY 24.</u>		FY 2028 -	\$151,000	(T)
			FY 2029 -	\$151,000	(T)
			AFTER FY 2029 -	\$755,000	(T)
		BUILD NC ROW	FY 2023 -	\$4,000	(T)
			FY 2024 -	\$4,000	(T)
			FY 2025 -	\$4,000	(T)
			FY 2026 -	\$4,000	(T)
			FY 2027 -	\$4,000	(T)
			FY 2028 -	\$4,000	(T)
			FY 2029 -	\$4,000	(T)
			AFTER FY 2029 -	\$20,000	(T)
		CONSTRUCTION	FY 2024 -	\$152,000	(T)
			FY 2025 -	\$6,277,000	(T)
			FY 2026 -	\$6,075,000	(T)
			FY 2027 -	\$2,696,000	(T)
				\$17,060,000	

* U-5961	NC 274 (UNION ROAD), OSCEOLA STREET TO NIBLICK	RIGHT-OF-WAY	FY 2024 -	\$3,350,000	(T)
GASTON	DRIVE. UPGRADE ROADWAY.		FY 2025 -	\$6,700,000	(T)
<b>PROJ.CATEGORY</b>	<u>TO ALLOW ADDITIONAL TIME FOR PRELIMINARY</u>		FY 2026 -	\$3,350,000	(T)
REGIONAL	<u>ENGINEERING. DELAY RIGHT-OF-WAY FROM FY 23 TO</u>	UTILITIES	FY 2024 -	\$1,850,000	(T)
	<u>FY 24 AND CONSTRUCTION FROM FY 25 TO FY 27.</u>		FY 2025 -	\$1,850,000	(T)
		CONSTRUCTION	FY 2027 -	\$50,000	(T)
			FY 2027 -	\$50,000	(O)
			FY 2028 -	\$2,767,000	(T)
			FY 2028 -	\$2,767,000	(O)
			FY 2029 -	\$1,847,000	(T)
			FY 2029 -	\$1,847,000	(O)
			AFTER FY 2029 -	\$335,000	(T)
			AFTER FY 2029 -	\$335,000	(O)
				\$27,098,000	

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U-5965	US 29 (FRANKLIN BOULEVARD) AND NC 274.	RIGHT-OF-WAY	FY 2023 -	\$6,900,000	(T)
GASTON	CONSTRUCT INTERSECTION IMPROVEMENTS.	UTILITIES	FY 2023 -	\$300,000	(T)
<b>PROJ.CATEGORY</b>	<u>TO ALLOW ADDITIONAL TIME FOR PRELIMINARY</u>	CONSTRUCTION	FY 2025 -	\$248,000	(T)
REGIONAL	<u>ENGINEERING. DELAY RIGHT-OF-WAY FROM FY 22 TO</u>		FY 2026 -	\$2,662,000	(T)
	<u>FY 23 AND CONSTRUCTION FROM FY 24 TO FY 25.</u>		FY 2027 -	\$690,000	(T)
				<u>\$10,800,000</u>	
* U-6054	STATESVILLE, CONSTRUCT BROOKDALE DRIVE-US 21	RIGHT-OF-WAY	FY 2023 -	\$1,063,000	(BGDA)
IREDELL	CONNECTOR.		FY 2023 -	\$477,000	(L)
<b>PROJ.CATEGORY</b>	<u>TO ALLOW ADDITIONAL TIME FOR PRELIMINARY</u>	CONSTRUCTION	FY 2024 -	\$1,644,000	(BGANY)
DIVISION	<u>ENGINEERING. DELAY RIGHT-OF-WAY FROM FY 22 TO</u>		FY 2024 -	\$574,000	(L)
	<u>FY 23 AND CONSTRUCTION FROM FY 23 TO FY 24.</u>			<u>\$3,758,000</u>	
* U-6134	NC 16 BYPASS, SR 1380 (OPTIMIST CLUB ROAD)	RIGHT-OF-WAY	FY 2024 -	\$500,000	(T)
LINCOLN	INTERSECTION. UPGRADE AT-GRADE INTERSECTION	UTILITIES	FY 2024 -	\$100,000	(T)
<b>PROJ.CATEGORY</b>	TO INTERCHANGE.	CONSTRUCTION	FY 2026 -	\$254,000	(T)
REGIONAL	<u>TO ALLOW ADDITIONAL TIME FOR PRELIMINARY</u>		FY 2027 -	\$8,731,000	(T)
	<u>ENGINEERING. DELAY RIGHT-OF-WAY FROM FY 23 TO</u>		FY 2028 -	\$8,991,000	(T)
	<u>FY 24 AND CONSTRUCTION FROM FY 24 TO FY 26.</u>		FY 2029 -	\$6,067,000	(T)
			AFTER FY 2029 -	<u>\$1,357,000</u>	(T)
				<u>\$26,000,000</u>	
* U-6153	STATESVILLE, SR 1363 (BETHLEHEM ROAD).	CONSTRUCTION	FY 2024 -	\$1,049,000	(T)
IREDELL	RELOCATE ROADWAY ADJACENT TO STATESVILLE		FY 2024 -	\$2,550,000	(O)
<b>PROJ.CATEGORY</b>	REGIONAL AIRPORT.		FY 2025 -	\$1,049,000	(T)
DIVISION	<u>TO ALLOW ADDITIONAL TIME FOR PRELIMINARY</u>			<u>\$4,648,000</u>	
	<u>ENGINEERING. DELAY CONSTRUCTION FROM FY 23</u>				
	<u>TO FY 24.</u>				
W-5212JB	INSTALL SIGNAL AND TURN LANES AT SR 1302	RIGHT-OF-WAY	FY 2022 -	\$442,000	(BGDA)
IREDELL	(CORNELIUS ROAD) AND SR 1303 (PERTH ROAD)		FY 2022 -	\$443,000	(S(M))
<b>PROJ.CATEGORY</b>	INTERSECTION.	CONSTRUCTION	FY 2022 -	\$8,000	(BGANY)
DIVISION	<u>TO REFLECT LATEST SCHEDULE. DELAY RIGHT-OF-</u>		FY 2022 -	\$8,000	(S(M))
	<u>WAY FROM FY 20 TO FY 22 AT THE REQUEST OF THE</u>		FY 2023 -	\$783,000	(BGANY)
	<u>DIVISION.</u>		FY 2023 -	<u>\$782,000</u>	(S(M))
				<u>\$2,466,000</u>	

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* W-5601R	NC 274, SR 1443 (DAMERON ROAD) TO SR 1405	CONSTRUCTION	FY 2025 -	\$2,500,000	(HSIP)
GASTON	(RAMSEUR ROAD) REALIGNMENT AND WIDENING.			\$2,500,000	

<b>PROJ.CATEGORY</b>	<u>SEGMENT PROJECT W-5601 INTO SEGMENT R NOT</u>
REGIONAL	<u>PREVIOUSLY SHOWN.</u>

* W-5601U	NC 150 AT NC 152 (WESTERN INTERSECTION)	RIGHT-OF-WAY	FY 2022 -	\$472,000	(HSIP)
IREDELL	<u>SEGMENT PROJECT W-5601 INTO SEGMENT U NOT</u>	CONSTRUCTION	FY 2024 -	\$1,150,000	(HSIP)
<b>PROJ.CATEGORY</b>	<u>PREVIOUSLY SHOWN.</u>			\$1,622,000	
REGIONAL					

**DIVISION 13**

EB-5808	HICKORY, UPGRADE CURRENT PEDESTRIAN SIGNALS	CONSTRUCTION	FY 2023 -	\$322,000	(BGANY)
BURKE	AND INSTALL NEW PEDESTRIAN SIGNALS.		FY 2023 -	\$80,000	(L)
CATAWBA	<u>TO ALLOW ADDITIONAL TIME FOR PRELIMINARY</u>			\$402,000	
CALDWELL	<u>ENGINEERING. DELAY CONSTRUCTION FROM FY 22</u>				

<b>PROJ.CATEGORY</b>	<u>TO FY 23.</u>
DIVISION	

EB-5918	MARSHALL, US 25/70, SR 1601 (DERINGER DRIVE) TO	ENGINEERING	FY 2023 -	\$36,000	(TALT5)
MADISON	BEGINNING OF INGLE'S PARKING LOT. CONSTRUCT		FY 2023 -	\$9,000	(L)
<b>PROJ.CATEGORY</b>	SIDEWALKS, INSTALL CROSSWALKS, ADA RAMPS,	CONSTRUCTION	FY 2024 -	\$120,000	(TALT5)
DIVISION	PEDESTRIAN SIGNAL AND PEDESTRIAN REFUGE.		FY 2024 -	\$30,000	(L)
	<u>TO REFLECT LATEST SCHEDULE, DELAY</u>			\$195,000	
	<u>PRELIMINARY ENGINEERING FROM FY 20 TO FY 23 AT</u>				
	<u>THE REQUEST OF THE DIVISION.</u>				

HA-0005	NEW ROUTE, CONSTRUCT NEW ACCESS ROAD AT	ENGINEERING	FY 2022 -	\$25,000	(ADHSL)
RUTHERFORD	RUTHERFORDTON INDUSTRIAL PARK.	RIGHT-OF-WAY	FY 2023 -	\$10,000	(ADHSL)
<b>PROJ.CATEGORY</b>	<u>TO ALLOW ADDITIONAL TIME FOR PRELIMINARY</u>	CONSTRUCTION	FY 2023 -	\$3,000	(ADHSL)
EXEMPT	<u>ENGINEERING. DELAY RIGHT-OF-WAY FROM FY 22 TO</u>		FY 2024 -	\$262,000	(ADHSL)
	<u>FY 23 AND CONSTRUCTION FROM FY 22 TO FY 23.</u>			\$300,000	

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HL-0014	SR 3214 (BILTMORE AVENUE), WHITE FAWN DRIVE	ENGINEERING	FY 2022 -	\$28,000	(BGANY)
BUNCOMBE	INTERSECTION. INSTALL A TRAFFIC SIGNAL AND		FY 2022 -	\$32,000	(BGDA)
<b>PROJ.CATEGORY</b>	CONSTRUCT PEDESTRIAN IMPROVEMENTS.		FY 2022 -	\$15,000	(L)
DIVISION	<u>TO ALLOW ADDITIONAL TIME FOR PRELIMINARY</u>	RIGHT-OF-WAY	FY 2023 -	\$20,000	(BGANY)
	<u>ENGINEERING. DELAY RIGHT-OF-WAY FROM FY 22 TO</u>		FY 2023 -	\$5,000	(L)
	<u>FY 23.</u>	CONSTRUCTION	FY 2023 -	\$272,000	(BGANY)
			FY 2023 -	\$68,000	(L)
				\$440,000	

* I-2513AA	I-40, EAST OF SR 1224 (MONTE VISTA ROAD) TO	RIGHT-OF-WAY	FY 2023 -	\$1,900,000	(NHPIM)
BUNCOMBE	PAVEMENT JOINT WEST OF SR 3412 (SAND HILL	UTILITIES	FY 2023 -	\$100,000	(NHPIM)
<b>PROJ.CATEGORY</b>	ROAD). RECONSTRUCT PAVEMENT.	CONSTRUCTION	FY 2024 -	\$7,636,000	(NHPIM)
STATEWIDE	<u>TO ALLOW ADDITIONAL TIME FOR PRELIMINARY</u>		FY 2025 -	\$12,487,000	(NHPIM)
	<u>ENGINEERING. DELAY RIGHT-OF-WAY FROM FY 22 TO</u>		FY 2026 -	\$8,425,000	(NHPIM)
	<u>FY 23 AND CONSTRUCTION FROM FY 23 TO FY 24.</u>		FY 2027 -	\$1,152,000	(NHPIM)
				\$31,700,000	

* I-2513AB	I-26/I-40 AND I-40/US 19/23 (SMOKEY PARK HIGHWAY)	RIGHT-OF-WAY	FY 2023 -	\$3,400,000	(NHP)
BUNCOMBE	INTERCHANGES. CONSTRUCT THE FOLLOWING	CONSTRUCTION	FY 2024 -	\$6,345,000	(NHP)
<b>PROJ.CATEGORY</b>	IMPROVEMENTS: WIDEN I-40 EASTBOUND TO I-26		FY 2025 -	\$9,888,000	(NHP)
REGIONAL	EASTBOUND RAMP, WIDEN I-26 WESTBOUND		FY 2026 -	\$3,967,000	(NHP)
	BETWEEN I-40 RAMPS, CONSTRUCT NEW I-40			\$23,600,000	
	WESTBOUND TO US 19/23 (SMOKEY PARK HIGHWAY)				
	NORTHBOUND RAMP.				
	<u>TO ALLOW ADDITIONAL TIME FOR PRELIMINARY</u>				
	<u>ENGINEERING. DELAY RIGHT-OF-WAY FROM FY 22 TO</u>				
	<u>FY 23 AND CONSTRUCTION FROM FY 23 TO FY 24.</u>				

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**DIVISION 13**

I-2513AC	I-26/I-240, NORTH OF I-40 TO SR 3548 (HAYWOOD ROAD). WIDEN TO SIX LANE FREEWAY.	BUILD NC ROW	FY 2023 -	\$1,802,000	(T)
BUNCOMBE			FY 2024 -	\$901,000	(T)
<b>PROJ.CATEGORY</b>	<u>TO ALLOW ADDITIONAL TIME FOR PRELIMINARY</u>		FY 2025 -	\$901,000	(T)
REGIONAL	<u>ENGINEERING, DELAY RIGHT-OF-WAY FROM FY 22 TO FY 23.</u>		FY 2026 -	\$901,000	(T)
			FY 2027 -	\$901,000	(T)
			FY 2028 -	\$901,000	(T)
			FY 2029 -	\$901,000	(T)
		AFTER	FY 2029 -	\$6,307,000	(T)
		RIGHT-OF-WAY	FY 2023 -	\$6,325,000	(T)
			FY 2024 -	\$12,650,000	(T)
			FY 2025 -	\$6,325,000	(T)
		UTILITIES	FY 2023 -	\$1,500,000	(T)
			FY 2024 -	\$1,500,000	(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 -	\$14,460,000	(T)
			FY 2026 -	\$43,160,000	(T)
			FY 2027 -	\$36,520,000	(T)
			FY 2028 -	\$26,560,000	(T)
				<u>\$220,820,000</u>	
* R-3430B	SR 1001 (CONNELLY SPRINGS ROAD), REPLACE	RIGHT-OF-WAY	FY 2022 -	\$500,000	(HFB)
BURKE	BRIDGE 110010 OVER CATAWBA RIVER.	UTILITIES	FY 2022 -	\$65,000	(HFB)
<b>PROJ.CATEGORY</b>	<u>TO ALLOW ADDITIONAL TIME TO OBTAIN ALL</u>	CONSTRUCTION	FY 2024 -	\$175,000	(HFB)
HWY FUNDS	<u>REQUIRED PERMITS, DELAY CONSTRUCTION FROM FY 23 TO FY 24.</u>		FY 2025 -	\$7,863,000	(HFB)
			FY 2026 -	\$6,668,000	(HFB)
			FY 2027 -	\$2,793,000	(HFB)
				<u>\$18,064,000</u>	
* W-5213G	SR 2002 (RICEVILLE ROAD), US 70 TO SR 2419 (BULL CREEK ROAD) NEAR HAW CREEK.	CONSTRUCTION	FY 2023 -	\$1,225,000	(HSIP)
BUNCOMBE				<u>\$1,225,000</u>	
<b>PROJ.CATEGORY</b>	<u>ADD PROJECT BREAK AT THE REQUEST OF THE</u>				
DIVISION	<u>TRANSPORTATION MOBILITY AND SAFETY DIVISION.</u>				

\* INDICATES FEDERAL AMENDMENT

Thursday, September 8, 2022

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

**DIVISION 14**

* B-3186 HAYWOOD	US 23/US 74, REPLACE BRIDGE 430155, AND BRIDGE 430158 OVER RICHLAND CREEK.	CONSTRUCTION	FY 2024 - \$2,078,000 (NHPB)	
<b>PROJ.CATEGORY</b>	<u>TO ALLOW ADDITIONAL TIME FOR PRELIMINARY ENGINEERING. DELAY CONSTRUCTION FROM FY 22 TO FY 24.</u>		FY 2025 - \$3,308,000 (NHPB)	
STATEWIDE			FY 2026 - \$714,000 (NHPB)	
			\$6,100,000	
* B-4069 CHEROKEE	SR 1326, REPLACE BRIDGE 159 OVER HANGING DOG CREEK.	RIGHT-OF-WAY CONSTRUCTION	FY 2024 - \$295,000 (BGOFF)	
<b>PROJ.CATEGORY</b>	<u>TO REFLECT LATEST SCHEDULE, DELAY RIGHT-OF-WAY FROM FY 23 TO FY 24 AND CONSTRUCTION FROM FY 23 TO FY 24 AT THE REQUEST OF THE DIVISION.</u>		FY 2024 - \$1,800,000 (BGOFF)	
DIVISION			\$2,095,000	
* B-5898 HAYWOOD	US 23/US 74, REPLACE BRIDGE 430168 OVER US 19 AND US 23.	CONSTRUCTION	FY 2024 - \$1,292,000 (NHPB)	
<b>PROJ.CATEGORY</b>	<u>TO ALLOW ADDITIONAL TIME FOR PRELIMINARY ENGINEERING. DELAY CONSTRUCTION FROM FY 22 TO FY 24.</u>		FY 2025 - \$1,808,000 (NHPB)	
STATEWIDE			\$3,100,000	
B-5929 HENDERSON	TRACY GROVE ROAD, REPLACE BRIDGE 440350 OVER DEVILS FORK CREEK.	CONSTRUCTION	FY 2023 - \$920,000 (BGOFF)	
<b>PROJ.CATEGORY</b>	<u>TO ALLOW ADDITIONAL TIME FOR RIGHT-OF-WAY ACQUISITION AND UTILITY RELOCATION. DELAY CONSTRUCTION FROM FY 22 TO FY 23.</u>		FY 2023 - \$230,000 (L)	
DIVISION			\$1,150,000	
B-6025 MACON	SR 1114 (SHOPE ROAD), REPLACE BRIDGE 550244 OVER NORTH FORK COWEETA CREEK.	RIGHT-OF-WAY CONSTRUCTION	FY 2023 - \$15,000 (BGOFF)	
<b>PROJ.CATEGORY</b>	<u>TO ALLOW ADDITIONAL TIME FOR PRELIMINARY ENGINEERING. DELAY RIGHT-OF-WAY FROM FY 22 TO FY 23.</u>		FY 2023 - \$6,000 (BGOFF)	
DIVISION			FY 2024 - \$544,000 (BGOFF)	
			\$565,000	
* BL-0008 HENDERSON	CLEAR CREEK GREENWAY/ HENDERSONVILLE, CONSTRUCT MULTI-USE PATH FROM BERKELEY MILLS PARK TO LAKEWOOD ROAD.	ENGINEERING	FY 2022 - \$154,000 (BGDA)	
<b>PROJ.CATEGORY</b>	<u>REMOVE RIGHT-OF-WAY AT THE REQUEST OF THE DIVISION.</u>	CONSTRUCTION	FY 2022 - \$39,000 (L)	
DIVISION			FY 2024 - \$1,455,000 (BGDA)	
			FY 2024 - \$364,000 (L)	
			\$2,012,000	

\* INDICATES FEDERAL AMENDMENT

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

**DIVISION 14**

EB-5756	SR 1729 (DEPOT STREET), US 441 BUSINESS (EAST	ENGINEERING	FY 2022 -	\$14,000	(TA5200)
MACON	MAIN STREET) TO SR 1667 (WAYAH STREET).		FY 2022 -	\$4,000	(L)
<b>PROJ.CATEGORY</b>	CONSTRUCT MISSING SECTIONS OF SIDEWALK	CONSTRUCTION	FY 2023 -	\$2,000	(TA5200)
<b>DIVISION</b>	ALONG WEST SIDE AND CONSTRUCT NEW SIDEWALK		FY 2023 -	\$1,000	(L)
	ALONG EAST SIDE.		FY 2024 -	\$233,000	(TA5200)
	<u>TO ALLOW ADDITIONAL TIME FOR PRELIMINARY</u>		FY 2024 -	\$58,000	(L)
	<u>ENGINEERING. DELAY CONSTRUCTION FROM FY 22</u>				
	<u>TO FY 23.</u>			\$312,000	

HB-0002	I-40, REPLACE BRIDGES 430248 AND 430249 OVER SR	RIGHT-OF-WAY	FY 2023 -	\$2,000,000	(BFP)
HAYWOOD	1613 (BEAVERDAM ROAD).	CONSTRUCTION	FY 2023 -	\$3,900,000	(BFP)
<b>PROJ.CATEGORY</b>	<u>TO ALLOW ADDITIONAL TIME FOR PRELIMINARY</u>		FY 2024 -	\$3,900,000	(BFP)
<b>STATEWIDE</b>	<u>ENGINEERING. DELAY RIGHT-OF-WAY FROM FY 22 TO</u>			\$9,800,000	
	<u>FY 23.</u>				

* HB-0003	I-40, REPLACE BRIDGE 430239 OVER SR 1550	RIGHT-OF-WAY	FY 2023 -	\$1,000,000	(BFP)
HAYWOOD	(INCINERATOR ROAD).	CONSTRUCTION	FY 2024 -	\$3,550,000	(BFP)
<b>PROJ.CATEGORY</b>	<u>TO ALLOW ADDITIONAL TIME FOR PRELIMINARY</u>		FY 2025 -	\$3,550,000	(BFP)
<b>STATEWIDE</b>	<u>ENGINEERING. DELAY RIGHT-OF-WAY FROM FY 22 TO</u>			\$8,100,000	
	<u>FY 23 AND CONSTRUCTION FROM FY 23 TO FY 24.</u>				

HB-0004	I-40, REPLACE BRIDGE 430243 OVER NC 215	RIGHT-OF-WAY	FY 2023 -	\$1,000,000	(BFP)
HAYWOOD	(CHAMPION DRIVE).	CONSTRUCTION	FY 2023 -	\$3,650,000	(BFP)
<b>PROJ.CATEGORY</b>	<u>TO ALLOW ADDITIONAL TIME FOR PRELIMINARY</u>		FY 2024 -	\$3,650,000	(BFP)
<b>STATEWIDE</b>	<u>ENGINEERING. DELAY RIGHT-OF-WAY FROM FY 22 TO</u>			\$8,300,000	
	<u>FY 23.</u>				

\* INDICATES FEDERAL AMENDMENT

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

**DIVISION 2**

* EB-6043	GREENVILLE, TOWN COMMON CONNECTOR.	ENGINEERING	FY 2022 -	\$75,000	(DP)
PITT	CONSTRUCT A MULTI-USE PATH FROM TOWN		FY 2022 -	\$64,000	(L)
PROJ.CATEGORY	COMMON TO EAST 5TH STREET.	RIGHT-OF-WAY	FY 2022 -	\$3,000	(DP)
DIVISION	<u>DELETE PROJECT AT THE REQUEST OF THE CITY OF</u>		FY 2022 -	\$3,000	(L)
	<u>GREENVILLE. PROJECT TO BE DELIVERED UNDER EB-</u>	CONSTRUCTION	FY 2022 -	\$114,000	(DP)
	<u>6042.</u>		FY 2022 -	\$98,000	(L)
			FY 2023 -	\$228,000	(DP)
			FY 2023 -	\$196,000	(L)
			FY 2024 -	\$228,000	(DP)
			FY 2024 -	\$196,000	(L)
			FY 2025 -	\$228,000	(DP)
			FY 2025 -	\$196,000	(L)
			FY 2026 -	\$114,000	(DP)
			FY 2026 -	\$98,000	(L)
				\$1,841,000	

* EB-6044	GREENVILLE, MILLENNIAL CONNECTOR PATH.	ENGINEERING	FY 2022 -	\$71,000	(DP)
PITT	CONSTRUCT A 0.3 MILE MULTI-USE PATH FROM		FY 2022 -	\$61,000	(L)
PROJ.CATEGORY	DICKINSON AVENUE TO 10TH STREET AND A 0.1 MILE	RIGHT-OF-WAY	FY 2022 -	\$202,000	(DP)
DIVISION	MULTI-USE PATH FROM DICKINSON AVENUE TO		FY 2022 -	\$173,000	(L)
	FICKLEN STREET.	CONSTRUCTION	FY 2022 -	\$19,000	(DP)
	<u>DELETE PROJECT AT THE REQUEST OF THE CITY OF</u>		FY 2022 -	\$16,000	(L)
	<u>GREENVILLE. PROJECT TO BE DELIVERED UNDER EB-</u>		FY 2023 -	\$38,000	(DP)
	<u>6042.</u>		FY 2023 -	\$32,000	(L)
			FY 2024 -	\$38,000	(DP)
			FY 2024 -	\$32,000	(L)
			FY 2025 -	\$38,000	(DP)
			FY 2025 -	\$32,000	(L)
			FY 2026 -	\$19,000	(DP)
			FY 2026 -	\$16,000	(L)
				\$787,000	

* EB-6045	GREENVILLE, MOYE BOULEVARD SIDEWALK	ENGINEERING	FY 2022 -	\$64,000	(DP)
PITT	EXTENSION. CONSTRUCT A MULTI-USE PATH TO		FY 2022 -	\$55,000	(L)
PROJ.CATEGORY	REPLACE THE EXISTING SIDEWALK ALONG MOYE	RIGHT-OF-WAY	FY 2022 -	\$103,000	(DP)
DIVISION	BOULEVARD IN GREENVILLE.		FY 2022 -	\$89,000	(L)
	<u>DELETE PROJECT AT THE REQUEST OF THE CITY OF</u>	CONSTRUCTION	FY 2022 -	\$25,000	(DP)
	<u>GREENVILLE. PROJECT TO BE DELIVERED UNDER EB-</u>		FY 2022 -	\$21,000	(L)
	<u>6042.</u>		FY 2023 -	\$50,000	(DP)
			FY 2023 -	\$43,000	(L)
			FY 2024 -	\$50,000	(DP)
			FY 2024 -	\$43,000	(L)
			FY 2025 -	\$50,000	(DP)
			FY 2025 -	\$43,000	(L)
			FY 2026 -	\$25,000	(DP)
			FY 2026 -	\$21,000	(L)
				\$682,000	

\* INDICATES FEDERAL AMENDMENT

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

**DIVISION 5**

* I-5994	I-40, US 15 / US 501 TO EAST OF NC 147. BRIDGE	CONSTRUCTION	FY 2025 -	\$6,376,000	(NHPIM)
DURHAM	REHABILITATION - MULTIPLE STRUCTURES.		FY 2026 -	\$5,791,000	(NHPIM)
				\$12,167,000	

**PROJ.CATEGORY** DELETE PROJECT AT THE REQUEST OF THE DIVISION.  
**STATEWIDE** WORK TO BE ACCOMPLISHED UNDER I-5993.

**DIVISION 11**

* RX-2011A	SR 1159 (PLEASANT HILL ROAD), CWCY CROSSING	CONSTRUCTION	FY 2023 -	\$800,000	(RR)
CALDWELL	729801L IN HUDSON. CONSTRUCT SAFETY			\$800,000	

**PROJ.CATEGORY** IMPROVEMENTS.  
**DIVISION** DELETE PROJECT AT THE REQUEST OF THE DIVISION.

**DIVISION 12**

* HL-0017	2ND AVENUE SE, CONSTRUCT ROADWAY EXTENSION	RIGHT-OF-WAY	FY 2022 -	\$400,000	(BGANY)
CATAWBA	FROM LENOIR-RHYNE BOULEVARD TO 3RD AVENUE		FY 2022 -	\$100,000	(L)
<b>PROJ.CATEGORY</b>	SE. INCLUDE INTERSECTION AND PEDESTRIAN	CONSTRUCTION	FY 2023 -	\$1,360,000	(BGANY)
<b>DIVISION</b>	IMPROVEMENTS.		FY 2023 -	\$340,000	(L)
	<u>DELETE PROJECT AT THE REQUEST OF THE MPO.</u>			\$2,200,000	

**DIVISION 14**

* U-6160	US 19 (SOCO ROAD), SR 1304 (FIE TOP ROAD AT	RIGHT-OF-WAY	AFTER FY 2029 -	\$14,700,000	(BGLT5)
HAYWOOD	GHOST TOWN IN THE SKY) TO BLUE RIDGE PARKWAY.	UTILITIES	AFTER FY 2029 -	\$400,000	(BGLT5)
<b>PROJ.CATEGORY</b>	MODERNIZE ROADWAY.	CONSTRUCTION	AFTER FY 2029 -	\$20,201,000	(BGLT5)
<b>DIVISION</b>	<u>DELETE PROJECT AT THE REQUEST OF THE DIVISION.</u>			\$35,301,000	

**ITEM N SUMMARY**

ADDITION	3	PROJECTS	\$2,268,000
MODIFICATION	124	PROJECTS	
DELETION	7	PROJECTS	\$53,778,000
	134	PROJECTS	(\$51,510,000)

\* INDICATES FEDERAL AMENDMENT

Thursday, September 8, 2022

*September 8, 2022*  
Board of Transportation Agenda – Special and Municipal Agreements  
Item O

SUMMARY: There are a total of 30 agreements for approval by the Board of Transportation.

**Statewide**

National Railroad Passenger  
Corporation (Amtrak)  
42801.3.F2

This Agreement includes the operations for Federal Fiscal Year 2023 for Amtrak to operate rail passenger service under the name Carolinian (Trains 79 & 80) between Charlotte and Washington, D. C. This Agreement will cover all costs associated with the operation of the Carolinian including locomotive fuel, host railroad payments, and the estimated capital cost for Amtrak-owned passenger train equipment. The estimated cost to the Department included in the agreement for the period October 1, 2022 through September 30, 2023 is \$10,049,809. This cost will be reduced by Federal funding provided through the Coronavirus Response and Relief Supplemental Appropriations (CRRSA) Act of 2021, and the American Rescue Plan (ARP) Act of 2021.

National Railroad Passenger  
Corporation (Amtrak)  
42801.3.F2

This Agreement includes the operations for Fiscal Year 2023 for Amtrak to operate rail passenger service under the name Piedmont (Trains 73, 74, 75, 76, 77 & 78) between Charlotte and Raleigh. This Agreement will cover all costs for Amtrak's operation of the Piedmont. The estimated cost to the Department included in the agreement for the period October 1, 2022 through September 30, 2023 is \$4,836,115. This cost will be reduced by Federal funding provided through the Coronavirus Response and Relief Supplemental Appropriations (CRRSA) Act of 2021, and the American Rescue Plan (ARP) Act of 2021.

**Division 2**

Carteret County  
50600  
11281

The Project consists of construction of a turn lane, signaling, and signage to access Pruitt Health Facility in Beaufort. The County shall be responsible for all phases of the Project. The Department will reimburse 100% of approved costs from State Contingency funds, not to exceed \$370,000. The County shall be responsible for providing all costs that exceed \$370,000.

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**Division 3**

City of Jacksonville  
Onslow County  
EB-6012  
48606.3.1  
11280

This Project consists of the construction of a multi-use path from Chaney Avenue to Wardola Drive in Jacksonville. This Supplemental Agreement allows the Department to reimburse 80% of all eligible costs with the Municipality providing the 20% non-federal match. The estimated cost of the Project is \$1,336,764.

**Division 4**

Town of Clayton  
Johnston County  
U-6223  
48811.3.1

This Project is to extend Ranch Road on new location between US 70 Business and Little Creek Church Road. This Supplemental Agreement is to identify additional funding participation in the Project. The Department will utilize an additional \$2,500,000 in Federal STBG-DA funds, allocated from CAMPO, the Municipality will provide \$1,500,000, and the Department will provide \$1,000,000 in High Impact/Low Cost funds. The Municipality will be responsible for all costs that exceed the total approved funding of \$13,418,750.

**Division 5**

City of Raleigh  
Wake County  
U-5748  
50168.3.1  
1000014890

This project consists of intersection improvements at Ligon Mill Road, Mitchell Mill Road, and Perry Creek Road Intersections, widening of US 401 bridges over the Neuse River. At the request of the Municipality, the Department will include a multi-use path/sidewalk and conduit for lighting on the bridge. The Municipality shall be responsible for 50% of actual costs for the sidewalk and 100% for actual costs of the conduit installation. The estimated reimbursement to the Department \$218,964.

**Division 6**

Fayetteville Public Work  
Commission  
U-4405A  
39049.3.2  
1000015268

This Project consists of construction on US 401 (Raeford Road) from Old Raeford Road to east of Bunce Road in Cumberland County. At the request the Agency the Department will adjust and relocate water and sewer lines. The Department will perform the water and sewer line relocation. The estimated cost of the Project is \$3,635,961.04. The Commission will reimburse the Department 100% of total actual cost of work.

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**Division 6, cont.**

City of Lumberton  
Robeson County  
9660

This Project consists of construction of a floodgate by the Municipality along I-95 near Mile Marker 18. This Joint Use Agreement outlines provisions that will define the use by the Municipality of the area around this section of I-95. The Federal Highway Administration (FHWA) must approve the agreement. This supersedes the February 4, 2021 agenda item.

USDOT and Town of Pembroke  
Robeson County  
BUILD GRANT  
11297

This Project consists of the Pembroke Transportation Investment for Revitalization, which includes bicycle, pedestrian, and infrastructure improvements throughout the downtown area. This Supplemental agreement is to authorize the construction phase of the Project by USDOT.

**Division 7**

City of Greensboro  
National Railroad Passenger  
Corporation (Amtrak)  
Guilford County  
40907

This Amendment No. 1 to the Greensboro Station Lease Agreement revises the terms of the 30-year lease running through September 2035 for the Amtrak Station, located within the J. Douglas Gaylon Depot in Greensboro (Landlord), to eliminate the lease-rate renegotiation every five years and add an annual escalation of 2% to the lease rate for the remainder of the lease term. The total estimated cost to the Department is \$3,085,610.77 for the remaining 13 years of the lease.

City of Greensboro  
Guilford County  
50344  
11258

This Project consists of the construction of turn lanes and three required entrances to serve LT Apparel, located at 5979 Summit Ave (SR 2526). The Municipality is responsible for all phases of the Project. The Department will reimburse Economic Development funds for 100% of eligible costs up to a maximum of \$505,000. The Municipality is responsible for all costs that exceed the approved funding.

**Division 8**

Town of Pittsboro  
Chatham County  
BL-0062  
50556.1.1  
50556.2.1

The Project consists of the connection of the missing sidewalk link between Farrell Street and McClenahan Street on Pittsboro Elementary School Road. The Municipality is responsible for all phases of the project. The Department will reimburse 80% of eligible costs up to



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50556.3.1  
11268                      \$164,880. The Municipality shall provide a 20% non-federal match and all costs that exceed \$206,100.

**Division 8, cont.**

City of Laurinburg  
Scotland County  
B-5003  
41106.1.1  
41106.2.F1  
41106.3.F1  
11161                      This Project consists of the replacement of Bridge No. 81 on Commonwealth Avenue over Leith Creek in Scotland County. This Supplemental Agreement modifies the scope of the Project to now consist of the removal of the bridge. The Department will reimburse eighty percent (80%) of eligible costs to include developing plans and letting a construction contract for the removal of the bridge.

**Division 9**

Town of Spencer  
Rowan County  
36248.288  
1000015074                      This Project consists of work as needed on Municipal Streets as requested by the Municipality. The Project consists of engineering the pavement striping plan for implementation of road diet on US 29 (Main Street) between Town Limits and Jefferson Street in Spencer. The Department shall be responsible for all phases of the project, which include planning, design, construction, and contract administration. The estimated cost of the Project is \$6,800.

**Division 10**

Town of Waxhaw  
Union County  
U-6248  
49224.1.1  
49224.2.1  
49224.3.1  
1000014973                      The Project consists of construction of intersection improvements at the intersection of NC 75 and SR 1111 (Old Providence Road) in Waxhaw. This Supplemental Agreement is to increase funding. The Department shall participate in an additional amount not to exceed \$4,272,000 in STBG-DA funds. The Municipality will provide a non-federal match of \$1,068,100 and all costs that exceed the total available funding of \$5,340,100.

Town of Huntersville  
Mecklenburg County  
U-5771  
50183.3.1  
1000015030                      This Project consists of widening US 21 from SR 2136 (Gilead Rd) to Holly Point Drive. At the request of the Municipality, the Department will construct a 10-foot wide tunnel under US 21 with sidewalks. The Municipality is responsible for actual costs of the betterments. The estimated cost to the Municipality is \$3,250,000.

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**Division 10, cont.**

Town of Weddington  
Union County  
HL-0055  
50358.1.1  
50358.2.1  
50358.3.1  
1000015073  
1000015031  
1000015032

The Project consists of improvements at intersection SR 1357 (Potter Road) and SR 1358 (Forest Lawn Drive). The Department. This Supplemental Agreement is to increase funding. The Department shall participate in an additional amount not to exceed \$1,098,000 (80%) in STBGDA funds. The Municipality will provide a 20% non-federal match of \$400,000 and all costs that exceed the total available funding of \$2,616,000.

Town of Huntersville  
Mecklenburg County  
BL-0010  
49485.1.1  
49485.2.1  
49485.3.1  
11276

The Project consists of the construction of a multi-use path to connection the existing Torrence Creek Greenway, with The Park – Huntersville businesses & multi-family homes, and Reese Boulevard. The Municipality is responsible for all phases of the project. The Department will reimburse 50% of eligible costs up to \$1,746,000. The Municipality shall provide a 50% non-federal match and all costs that exceed \$3,492,000.

**Division 12**

Town of Mooresville  
Iredell County  
C-5529  
51043.1.F1  
51043.2.F1  
51043.3.1  
11257

This Project consists of intersection improvements at Faith Road, Campus Lane, and NC 115. The Municipality is responsible for all phases of the Project. This Supplemental Agreement is to increase funding and extend project end date. The Department shall participate in an additional amount not to exceed \$846,000 (75%) in STBGDA funds. The Municipality will provide a 25% non-federal match of \$282,000. The Municipality is responsible for all costs that exceed the total available funding of \$4,206,257.

City of Gastonia  
Gaston County  
EB-5976  
48523.1.1  
48523.3.1  
11269

The Project consists of the construction of sidewalk on both sides of SR 2200 (Cox Road), with termini at I-85 ramp and intersection of Cox Road and Court Drive. Project length is approximately 0.6 miles. The Municipality is responsible for all phases of the project. The Department will reimburse 80% of eligible costs up to \$1,400,000. The Municipality shall provide a 20% non-federal match and all costs that exceed \$1,750,000.

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**Division 12, cont.**

City of Gastonia  
Gaston County  
EB-5743  
51066.1.1  
51066.3.1  
11271

The Project consists of the construction of missing sidewalk along the South side of South New Hope Road from SR 2200 (Armstrong Park Road) to SR 1255 (Hudson Boulevard). Approximate project length is 1.1 miles. The Municipality is responsible for all phases of the project. The Department will reimburse 80% of eligible costs up to \$1,285,000. The Municipality shall provide a 20% non-federal match and all costs that exceed \$1,606,250.

City of Gastonia  
Gaston County  
EB-5745  
50423.1.1  
50423.2.1  
50423.3.1  
11273

The Project consists of the construction of sidewalks on SR 1255 (Hudson Boulevard) from SR 2200 (Gaston Day School Road) to SR 2466 (Red Bud Drive), and on SR 2466 (Red Bud Drive) from SR 1255 (Hudson Boulevard) to NC 279 (South New Hope Road). Construction of sidewalk is only on one side of the road. Approximate project length is 1.2 miles. The Municipality is responsible for all phases of the project. The Department will reimburse 80% of eligible costs up to \$1,338,000. The Municipality shall provide a 20% non-federal match and all costs that exceed \$1,672,500.

City of Gastonia  
Gaston County  
EB-5768  
51072.1.1  
51072.2.1  
51072.3.1  
11274

The Project consists of the construction of sidewalk from Hudson Boulevard to Clyde Street. Construction of sidewalk is only on one side of the road. Approximate project length is 0.5 miles. The Municipality is responsible for all phases of the project. The Department will reimburse 80% of eligible costs up to \$1,308,000. The Municipality shall provide a 20% non-federal match and all costs that exceed \$1,635,000.

City of Hickory  
Catawba County  
C-5196  
46248.1.F1  
46248.2.1  
46248.3.1  
11190

This Project consists of intersection improvements at several intersections in Hickory. This Supplemental Agreement is to increase funding and add the preliminary engineering phase for reimbursement. The Department will participate with an additional 80% of eligible costs up to \$6,754,000. The Municipality will provide a 20% non-federal match of \$1,688,500 and all costs that exceed the total available funding of \$8,442,500. This Supplemental

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Agreement supersedes the agreement approved on July 7, 2022.

**Division 12, cont.**

US Department of  
Transportation (USDOT) and  
Town of Mooresville  
Iredell County  
U-6239  
11298

This Project consists of construction of three connector roads as part of the Silicon Shores East-West Connector Road Project. The USDOT has awarded a BUILD Grant to the Department in the amount of \$13,609,131. The Municipality will be responsible for \$8,121,064 as the local match to the BUILD Grant. This Supplemental agreement is to authorize the construction phase of the Project by USDOT

City of Gastonia  
Gaston County  
215.036, 225.036; 215.0363  
11255

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 Gastonia. The Municipality shall perform the work. The Department shall reimburse the Municipality \$160,000 per cycle for five years.

City of Gastonia  
Gaston County  
EB-5975  
48522.1.1  
48522.3.1  
11275

The Project consists of the construction of sidewalk on the East side of NC 279 (New Hope Road) from US 29/74 (Franklin Boulevard) to Court Drive, and the West side of NC 279 from Court Drive to Hunt Avenue. Approximate project length is approximately 1.0 miles. The Municipality is responsible for all phases of the project. The Department will reimburse 80% of eligible costs up to \$2,065,000. The Municipality shall provide a 20% non-federal match and all costs that exceed \$2,581,250.

US Department of  
Transportation (USDOT) and  
Town of Mooresville  
Iredell County  
U-6239  
11298

This Project consists of construction of three connector roads as part of the Silicon Shores East-West Connector Road Project. The USDOT has awarded a BUILD Grant to the Department in the amount of \$13,609,131. The Municipality will be responsible for \$8,121,064 as the local match to the BUILD Grant. This Supplemental agreement is to authorize the construction phase of the Project by USDOT.

**Division 13**

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Isothermal Planning and  
Development Commission  
Rutherford County  
EB-6033K  
48778.4.12  
11260

This Project consists of implementing non-infrastructure items having to do with education, encouragement, and enforcement participation through safety messages, safety materials and other items necessary to carry out Safe Routes To School activities for the community. This Supplemental Agreement is to extend the completion date to 12/31/2023 in lieu of 12/31/2022.

**Division 13, cont.**

City of Asheville  
Buncombe County  
41930

This Lease Agreement covers a ten-year lease with one additional five-year option by the Municipality of rentable space located at 81 Thompson Street in the City of Asheville and identified as Buncombe County tax parcel number 9648-70-6712-00000; consisting of approximately 18,456 square feet of building, paved parking area, and grounds. The Municipality will keep and maintain the entire premise and all parts and systems: excluding the roof, foundation, and structural support of the building, the HVAC system, and the parking lot. The Municipality will pay the Department a monthly rent of \$11,073.60 for the first year, with an annual escalation of 2% thereafter. This amount reflects a 10% credit off a market-rate to account for the 10% ownership stake the Municipality has in the property.

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SUMMARY: There are a total of 37 agreements for informational purposes only.

**Division 1**

Town of Cofield  
Hertford County  
11265

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 Murfreesboro  
Hertford County  
11278

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 Ahoskie  
Northampton County  
11267

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 Rich Square  
Northampton County  
11279

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 Severn  
Northampton County  
11277

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.

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**Division 3**

Oak Ridge Properties at Olde  
Point, LLC  
Pender County  
36249.4544  
1000015071

This Project consists of a signal modification at US 17 and SR 1565 (Country Club Road) and signal installation at SR 1565 (Country Club Road) and signal installation at SR 1565 (Country Club Road) and SR 1687 (Ravenswood Road) and required signal coordination work to be performed by NCDOT related to the Hampstead Town Center development. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement to the Department is \$15,000.

East West Partners  
New Hanover County  
36249.4543  
1000015070

This Project consists of a signal review and inspection for signal installation at US 17 / 76 (Oleander Drive) and 51st Street (non-system) related to the 5026 Oleander Drive development. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement to the Department is \$5,000.

J&S Land Development  
Vineyard Trace  
Onslow County  
36249.4536  
1000014938

This Project consists of a signal installation at SR 1308 (Gum Branch Road) and SR 1388 (Timothy Road)/SR 2718 (River Winding Road) related to the Vineyard Trace development. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement to the Department is \$5,000.

Town of Wrightsville Beach  
New Hanover County  
11290

This Project consists of the installation of generator transfer switches to allow for generator back-up for signalized intersections within the Town of Wrightsville Beach (or as included in Traffic Schedule C-D Agreements). The Municipality will install the generator switches and shall be responsible for maintaining the equipment.

Town of Leland  
Brunswick County  
U-5534K  
44096.1.F12  
44096.2. 12  
44096.3. 12  
11287

This Project consists of the construction of 5-foot wide concrete sidewalk adjacent to Old Fayetteville Road from Ricefield Branch Road to the Hwy 74/76 overpass after Glendale Drive with connections to Leland Middle School and the surrounding neighborhoods in Leland. This Supplemental Agreement is to extend the completion date to 6/30/2023 in lieu of 6/30/2022.

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**Division 3, cont.**

Town of Leland  
Brunswick County  
U-5534J  
44096.1.F12  
44096.2. 12  
44096.3. 12  
11286

This Project consists of sidewalk improvements at Village Road from Town Hall Drive going southeast to the existing sidewalk in front of the apartment complex; Town Hall Drive from Village Road northeast to the sidewalk currently under construction by the new Town Hall; Old Fayetteville Road from the existing sidewalk in front of the apartment complex to Village Road northeast in Leland. This Supplemental Agreement is to extend the completion date to 6/30/2023 in lieu of 6/30/2022.

Town of Leland  
Brunswick County  
U-5534I  
44096.1.F10  
44096.2. 10  
44096.3. 10  
11285

This Project consists of the construction of a 10-foot wide asphalt multi-use path routed across Perry Avenue (behind the library), out to Village Road ending on the western edge of the First Baptist Church property before the Sturgeon Creek Bridge in Leland. This Supplemental Agreement is to extend the completion date to 6/30/2023 in lieu of 6/30/2022.

**Division 4**

Terramor Homes | A D.R. Horton  
Company  
Johnston County  
36249.4532  
1000015099

This Project consists of upgrading traffic signal #04-1450 at the intersection of SR 1525(Cornwallis Rd) and SR 1550 (Winston Road) in Johnston County. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement to the Department is \$5,000.

Triangle Land Partners, LLC  
Johnston County  
36249.4531  
1000015100

This Project consist of upgrading signal #04-1456 at US 70 Business and Project XD Site Driveway in Johnston County. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement to the Department is \$5,000.



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**Division 5**

Dunn Investments, LLC  
Wake County  
36249.4533  
1000014929

The Project consists of one temporary and one final signal upgrade design to incorporate intersection improvements at the intersection of SR 1114 (S. Main Street Ext.)/SR1101 (Piney Grove-Wilbon Road) at SR 1114/SR 1101 (Ralph Stephens Road) in Holly Springs. 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 \$5,000.

Clayton Properties Group, Inc.  
Wake County  
36249.4545  
1000015083

The Project consists of a signal modification at the intersection of Hwy 401 and SR 1375 (Simpkins Road). The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement to the Department is \$5,000.

Triangle J Council Government  
Durham County  
EB-6033I  
48778.4.10  
11261

This Project consists of implementation of non-infrastructure projects including but not limited to programs and activities that, when implemented, aim to shift community behavior, attitudes and social norms through education, encouragement, enforcement, and evaluation strategies to increase the safety and convenience for children to walk and/or bicycle to school. This Supplemental Agreement is to extend the completion date to 10/9/2022, in lieu of 10/9/2021.

Gracewood Development Inc.  
Wake County  
36249.4530  
1000014888

This Project consists of an impact to the existing traffic signals at the intersections of US 1 NB Ramp at New Hill Holleman Road and US 1 SB Ramp at New Hill Holleman Road. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement to the Department is \$5,000.

CC TGA The Yield, LLC  
Wake County  
36249.4517  
1000014753

This Project consists of a signal upgrade due to roadway improvements in the vicinity of Holly Springs Road, New Hill Road, Hensley Hill Place, and Green Oaks Parkway. There will be three (3) signal designs (two temps and a final). The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer

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shall reimburse the Department 100% for the work. The estimated reimbursement to the Department is \$5,000. This agreement supersedes the agreement previously approved on August 11, 2022 Board agenda.

**Division 5, cont.**

CC TGA The Yield, LLC  
Wake County  
36249.4516  
1000014750

This Project consists of a traffic signal installation due to roadway improvements at the intersection of Holly Springs/New Hill Road and Hensley Hill Place. 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 \$5,000. This agreement supersedes the agreement previously approved on August 11, 2022 Board agenda.

CC TGA The Yield, LLC  
Wake County  
36249.4513  
1000014722

This Project consists of a signal upgrade due to roadway improvements at the intersection of New Hill Rd and Old Holly Springs. 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 \$5,000. This agreement supersedes the agreement previously approved on August 11, 2022 Board agenda.

**Division 6**

City of Fayetteville  
Cumberland County  
11266

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 7**

City of Greensboro  
Guilford County  
U-5326  
41545

This Project consists of the acquisition of right-of-way for designed improvements that include construction of right turn lanes, additional left turn lanes and sidewalks within the project limits at Market Street and College Road intersection. This Supplemental Agreement is to extend the completion date to 9/30/2023, in lieu of 3/31/2021.

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**Division 7, cont.**

Crescent Acquisitions, LLC  
Guilford County  
36249.4538  
1000014982

This agreement previously ran as Crescent Communities and ran on August's Board Agenda. Project consists of a traffic signal upgrades to existing signal 07-1525 at the intersection of NC 68 (Eastchester Drive) and Clinard Farms Road in High Point, NC. A second left turn lane will be added to the NB Eastchester Drive approach and the EB Clinard Farm approach. The 8-phase with fully protected left turns will remain since now all approaches will have dual lefts. A WB receiving lane will be added on Clinard Farms Road. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement to the Department is \$5,000.

City of Greensboro  
Guilford County  
U-5532I  
46297.2.11  
46297.3.11  
11270

This Project consists of new sidewalk and ADA curb ramps to be installed along several roadways in Greensboro. This Supplemental Agreement is to add another location to the Project. The Municipality is responsible for all work and all costs that exceed previously approved funding.

City of Greensboro  
Guilford County  
U-5326  
45484.1.1  
45484.2.1  
45484.3.1  
11282

This Project consists of the acquisition of right-of-way and construction of right turn lanes, additional left turn lanes and sidewalks within the project limits at Market Street and College Road intersection in Greensboro. This Supplemental Agreement is to extend the completion date to 9/30/2023 in lieu of 9/30/2022.

**Division 9**

City of Winston-Salem  
Forsyth County  
36249.4539  
1000014984

This Project consists of the review signal plans and inspect reconstruction of Signal #09-0183 (SR 1001{Country Club Road} at SR 1122 {Jonestown Road}). The Department will review the traffic signal plans and inspect the traffic signal installation. The Municipality shall reimburse the

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Department 100% for the work. The estimated reimbursement to the Department is \$3,500.

**Division 10**

Town of Huntersville  
Mecklenburg County  
36249.4542  
1000015033

This Project consists of a signal installation (#10-2389) at US 21 and Northdowns Lane in Huntersville. The Department will perform the installation. The Municipality shall reimburse the Department for all actual costs of the Project. The estimated reimbursement to the Department is \$81,549.95.

**Division 12**

City of Hickory  
Catawba County  
21S.018  
21S.0183  
22S.018  
11283

This agreement is to provide snow and ice removal within the city limits of Hickory. The Department shall reimburse the Municipality for the actual cost for labor and equipment not to exceed a maximum amount \$50,000 per year.

Edgewater Industrial, LLC  
Lincoln County  
36249.4521  
1000014800

This Project consists of a new signal installation at US 321 Business (Maiden Highway) at SR 1339 (Car Farm Road/Campbell Lane). 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 \$5,000.

City of Belmont  
Gaston County  
36249.4547  
1000015116

This Project consists of modifying signal #12-0553 for pedestrian indicators along the southern leg of NC 273 (Keener Boulevard) and the eastern leg of NC 7 (Catawba Street.). The Department will review the traffic signal plans and inspect the traffic signal installation. The Municipality shall reimburse the Department 100% for the work. The estimated reimbursement to the Department is \$5,000.

USDOT and City of Hickory  
Catawba County  
BUILD Grant

This Project consists of the “Hickory Reconnected through Transportation Infrastructure Investment”, which includes constructing bicycle and pedestrian facilities through

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downtown Hickory. This second amendment extends the project end date to August 30, 2025.

**Division 12, cont.**

City of Hickory  
Catawba County  
12.1018SM  
12.2018SM  
9879

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 Hickory. 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 Hickory  
Catawba County  
12.1018SM  
12.2018SM  
9880

This Municipal Operations Agreement (Schedule D) provides for the municipal operation of the computerized traffic control system, including timing plan, electric traffic signals and other traffic control devices on the State Highway System Streets located within or near the Municipality. 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 Hickory  
Catawba County  
12.101812  
12.201812  
9877

This Project consists of municipal maintenance of traffic control devices (Schedule A) in the City of Hickory. The Municipality will be responsible for maintenance of the signs and supports of the traffic signals on State Highway System Streets within the Municipality.

City of Hickory  
Catawba County  
12.101812  
12.201812  
9878

The Project consists of municipal maintenance of traffic control devices (Schedule B) for the installation and maintenance of pavement marking materials and pavement markers on the State Highway System Streets located within the Municipality. The Department shall be billed quarterly by the Municipality for the cost of signs and supports.

**Division 13**

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City of Asheville  
Buncombe County  
11264

The Project consists of installing vegetation on various Department owned properties along SR 3548 (Clingman Avenue/Haywood Road). The Department will develop the landscape design, prepare plans, and install the plantings. The Municipality shall assume maintenance at the completion of the Project.

## NCDOT September 2022 Board of Transportation Agenda

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

#### Deletion from the State Highway System

Division	County	Municipality	Road	Termini	Length
10	Mecklenburg	Charlotte	SR 5621; 7th Street	From Charlottetowne Avenue to SR 1681 (North McDowell Street)	0.42

File Name: MECKLENBURG\_09\_2022\_M001

Total Miles = 0.42

## **NCDOT September 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</b>
<b>2</b>	<b>Final Right of Way Plans</b>	<b>R-2 &amp; R-3</b>
<b>3</b>	<b>Conveyance ROW Residue by Real Estate Agent and/or Auctioneer</b>	<b>R- 4 – 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 Conveyance of Surplus Highway Right of Way</b>	<b>R- 11</b>
<b>6</b>	<b>Approval of Revision in Control of Access</b>	<b>R- 12</b>
<b>7</b>	<b>Approval of Advance Acquisition of Highway Right of Way</b>	<b>R-13</b>
<b>8</b>	<b>Approval of Relocation of Permanent Utility Easement</b>	<b>R-14</b>
<b>9</b>	<b>Approval of Conversion of Residual Area to Highway Right of Way</b>	<b>R-15</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 10)**

**Stanly County; I.D. No. EB-5857; Project No. 47313.2.1:**  
Stanfield – NC 200 From North Love Chapel Road

**Mecklenburg County; I.D. No. EB-5783; Project No. 46429.2.1:**  
SR 3168 (Sam Newell Road), Multi-Use Path

**Final Right of Way Plans**

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

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

**(Division 1)****Project No. 50346.2.1; Dare County; I.D. No. HB-0017:**

Drainage, grading, paving, US 64 Preservation of Bridge No. 9 On US 64 In Manns Harbor with the right of way indicated upon the final plans for said project.

**(Division 3)****Project No. 48861; Brunswick County; I.D. No. 010SR1437:**

Drainage, grading, paving, On SR-1437 and SR-1438 Secondary Road Improvements with the right of way indicated upon the final plans for said project.

**(Division 4)****Project No. 49982.2.1; Wilson County; I.D. No. HI-0006:**

ITS, pavement rehabilitation, & structure preservation On US 264 From I-795 To Toisnot Swamp. Pavement Rehabilitation with the right of way indicated upon the final plans for said project.

**Project No. 49633.2.1; Johnston County; I.D. No. HI-0008:**

Bridge rehabilitation, ITS, and pavement rehabilitation on I-95 from mile marker 97 to mile marker 101. Pavement Rehabilitation with the right of way indicated upon the final plans for said project.

**(Division 6)****Project No. 47533.2.2; Robeson County; I.D. No. I-5987A:**

Drainage, grading, paving, culverts, retaining walls & structure on I-95 From South of US 301 to South of NC 20, Widen to Eight Lanes with the right of way indicated upon the final plans for said project.

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

**(Division 9)**

**Project No. 44855.2.6; Forsyth County; I.D. No. W-5709F:**

Drainage, grading, and paving on NC 65 at Pine Hall Road (SR-1956) with the right of way indicated upon the final plans for said project.

**(Division 10)**

**Project No. 44990.2.1; Mecklenburg County; I.D. No. I-5973:**

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

**(Division 13)**

**Project No. 38368.2.1; Buncombe County; I.D. No. B-4442:**

Drainage, grading, paving, & structures on Brides No.370 and No.373 over Reems Creek on US 19-23, US 25, and US 70 with the right of way indicated upon the final plans for said project.

**(Division 14)**

**Project No. 32572.2.14; Graham County; I.D. No. A-0009CB:**

Drainage, grading, and paving on NC 143 from SR 1223 (Beech Creek Road) to 0.5 Miles North of Appalachian Trail 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 B-2500B, Parcel 010, Rodanthe on NC-12 Long Term Improvements  
Dare County**

Conveyance of an approximate 0.683 acre area comprised of one (1) A-class residue, having a value of \$587,600.00 to **Onochie Oakfor and Edith Okafor** for the highest offer amount of **\$587,600.00**; no additional fees required. This residue was acquired for \$447,125.00 in 2019.

**Project R-2583, Parcel 088, US-158 Bypass from the Murfreesboro Bypass to US-13 West of Winton  
Hertford County**

Conveyance of an approximate 0.530 acre area comprised of one (1) C-class residue, having a value of \$2,800.00 to **Kevin Brittingham** for the highest offer amount of **\$3,087.00**; no additional fees required. This residue was acquired for \$100.00 in 2012.

**Project R-0600A, Parcel 021, 0.52 Miles West of the US-158/228 Interchange to 0.27 Miles Southeast of SR-1160  
Hertford County**

Conveyance of an approximate 0.050 acre area comprised of one (1) C-class residue, having a value of \$50.00 to **Kevin Brittingham** for the highest offer amount of **\$50.00**; no additional fees required. This residue was acquired for \$280 in 1992.

**Project R-2548E, Parcel 900, US-64 from West of SR-1116 (Woodley Station Road) at Woodley to East of SR-1110 (Old Columbia Road) West of Columbia  
Tyrell County**

Conveyance of an approximate 1.480 acre area comprised of one (1) B-class residue, having a value of \$4,500.00 to **Anna M. Miller** for the highest offer amount of **\$6,660.00**; no additional fees required. This residue was acquired for \$121.00 in 2001 as a total take.

**(Division 2)**

**Project R-2510A, Parcel 046, US-17 from South of SR-1127 (Possum Track Road) to South of SR-1149 (Price Road)  
Beaufort County**

Conveyance of an approximate 0.190 acre area comprised of one (1) B-class residue, having a value of \$1,200.00 to **Austin O'Briant** for the highest offer amount of **\$1,200.00**; total commission \$118.00. This residue was acquired for \$750.00 in 2005.

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

**Auctioneer (Continued)**

**(Division 2) (continued)**

**Project R-2510A, Parcel 044, US-17 from South of SR-1127 (Possum Track Road) to South of SR-1149 (Price Road)**

**Beaufort County**

Conveyance of an approximate 0.220 acre area comprised of one (1) C-class residue, having a value of \$725.00 to **Robin T. Baker** for the highest offer amount of **\$725.00**; total commission \$170.25. This residue was acquired for \$500.00 in 2006.

**Project R-2001B, Parcel 009, NC-11 (Deep Run Bypass) from Deep Run Creek to SR-1152**

**Lenoir County**

Conveyance of an approximate 1.000 acre area comprised of one (1) B-class residue, having a value of \$1,900.00 to **David and Teresa Vandanne** for the highest offer amount of **\$1,750.00**; total commission \$57.50. This residue was acquired for \$750.00 in 1997.

**Project 054SR1810, Parcel 001, Tower Hill Road**

**Lenoir County**

Conveyance of an approximate 0.060 acre area comprised of one (1) B-class residue, having a value of \$2,950.00 to **Larry A. Vold** for the highest offer amount of **\$2,950.00**; no additional commission fees required. This residue was acquired for \$10.00 in 1968.

**Project R-2001C, Parcel 030, NC-11 from SR-1152 (Hardy Bridge Road/Smith Grady Road) to NC-55 at Jackson's Store**

**Lenoir County**

Conveyance of an approximate 0.290 acre area comprised of one (1) B-class residue, having a value of \$700.00 to **Dillette Properties** for the highest offer amount of **\$725.00**; total commission \$170.25. This residue was acquired for \$825.00 in 1994.

**Project R-1022C, Parcel 020, US-264 Business Greenville Northwest Bypass from South of SR-1401 to US-13/NC-11 at Sr-1590 in Greenville**

**Pitt County**

Conveyance of an approximate 0.140 acre area comprised of one (1) B-class residue, having a value of \$1,500.00 to **Pirate Ventures, LLC** for the highest offer amount of **\$1,950.00**; total commission \$35.50. This residue was acquired for \$518.00 in 1990.

**(Division 3)**

**Project R-2633B, Parcel 059, US-17 (Wilmington Bypass) from US-74/76 East of Malmo in Brunswick County to US-421 North of Wilmington in New Hanover County**

**Brunswick County**

Conveyance of an approximate 4.670 acre area comprised of one (1) B-class residue, having a value of \$5,600.00 to **Video Stop Distributing, Inc** for the highest offer amount of **\$5,600**; no additional fees required. This residue was acquired for \$14,364.00 in 2010 as a result of a mediated settlement.

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

**Auctioneer (Continued)**

**(Division 3) (continued)**

**Project R-1012EC, Parcel 168, US-258/NC-24 from 600 feet North of SR-1298 Southward to SR-1309**

**Onslow County**

Conveyance of an approximate 0.070 acre area comprised of one (1) B-class residue, having a value of \$725.00 to **Brandon Jamel Wells** for the highest offer amount of **\$750.00**; total commission \$170.25. This residue was acquired for \$50.00 in 1988.

**Project U-4007A, Parcel 045, Jacksonville SR-1702 (White Street Extension) from SR-1308 (Bell Fork Road) to East of SR-1470 (Western Boulevard)**

**Onslow County**

Conveyance of an approximate 0.440 acre area comprised of one (1) B-class residue, having a value of \$2,500.00 to **Dillette Properties, LLC** for the highest offer amount of **\$2,550.00**; no additional commission fees required. This residue was acquired in conjunction with the total settlement of the claim for \$64,175.00 in 2011.

**Project R-2308B, Parcel 088B, NC-24 from West of SR-1006 (Maxwell Road/Clinton Road) in Cumberland County to I-40 in Duplin County at Warsaw**

**Sampson County**

Conveyance of an approximate 0.490 acre area comprised of one (1) B-class residue, having a value of \$2,000.00 to **Pirate Ventures, LLC** for the highest offer amount of **\$6,000.00**; no additional commission fees requires. This residue was acquired for \$500.00 in 2012.

**Project R-2303E, Parcel 633, NC-24 at SR-1296 (Sunset Avenue) and NC-24 from US-701 (Southeast Boulevard) to east of SR-1935 (Cecile-Opie Road)**

**Sampson County**

Conveyance of an approximate 0.730 acre area comprised of one (1) A-class residue, having a value of \$125,500.00 to **Davina Heaven Frick** for the highest offer amount of **\$155,000.00**; no additional commission fees required. This residue was acquired for \$171,250.00 as a hardship acquisition in 2019.

**(Division 4)**

**Project R-2111A, Parcel 025, US-64 Bypass from West of US-258 Interchange in Tarboro to East of NC-42**

**Edgecombe County**

Conveyance of an approximate 8.390 acre area comprised of one (1) B-class residue, having a value of \$5,000.00 to **Colette A. Parker and Donovan Parker** for the highest offer amount of **\$9,135.00**; no additional commission fees required. This residue was acquired for \$1,335.00 in 1994.

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

**Auctioneer (Continued)**

**(Division 4) (continued)**

**Project R-2554, Parcel 911 & 912, US-70 (Goldsboro Bypass) from West of NC-581 in Wayne County to East of SR-1323 (Promise Land Road) in Lenoir County  
Wayne County**

Conveyance of an approximate 0.590 acre area comprised of one (2) B-class residues, having a value of \$1,950.00 to **Robin T. Baker** for the highest offer amount of **\$1,950.00**; total commission 285.50. This residue was acquired in conjunction with the advanced acquisition of parcel 911 and 912 for \$246,000.00 between 1999-2000 as total takes.

**Project R-2554A, Parcel 004 & 005, US-70 (Goldsboro Bypass) from West of NC-581 to SR-1300 (Salem Church Road)**

**Wayne County**

Conveyance of an approximate 0.710 acre area comprised of two (2) B-class residues, having a value of \$7,300.00 to **Wellwater Avenue, LLC** for the highest offer amount of **\$7,300**; no additional commission fees required. These residues were acquired for \$6,575.00 between 2007 and 2008.

**Project R-2554A, Parcel 031, US-70 (Goldsboro Bypass) from West of NC-581 to SR-1300 (Salem Church Road)**

**Wayne County**

Conveyance of an approximate 9.900 acre area comprised of one (1) B-class residue, having a value of \$9,000.00 to **Lee R. Casey and Wife, Pamela C. Casey** for the highest offer amount of **\$17,500.00**; no additional commission fees required. This residue was acquired for \$883.00 in 2007.

**Project R-2554A, Parcel 007 & 917, US-70 (Goldsboro Bypass) from West of NC-581 to SR-1300 (Salem Church Road)**

**Wayne County**

Conveyance of an approximate 0.840 acre area comprised of three (3) B-class residues, having a value of \$6,000.00 to **Hubert Carter and Wife, Rita Carter** for the highest offer amount of **\$6,000.00**; no additional commission fees required. These residues were acquired for \$7,510.00 between 2004 and 2008.

**Project R-2554A, Parcel 006, US-70 (Goldsboro Bypass) from West of NC-581 to SR-1300 (Salem Church Road)**

**Wayne County**

Conveyance of an approximate 0.290 acre area comprised of one (1) B-class residue, having a value of \$4,000.00 to **Ronnie Harris and Lydia Harris** for the highest offer amount of **\$4,050.00**; no additional commission fees required. This residue was acquired for \$3,825.00 in 2007.

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

**Auctioneer (Continued)**

**(Division 4) (continued)**

**Project R-2554A, Parcel 010, US-70 (Goldsboro Bypass) from West of NC-581 to SR-1300 (Salem Church Road)**

**Wayne County**

Conveyance of an approximate 0.200 acre area comprised of one (1) B-class residue, having a value of \$2,350.00 to **Pirate Ventures, LLC** for the highest offer amount of **\$2,350.00**; no additional commission fees required. This residue was acquired for \$800.00 in 2007.

**Project R-2554A, Parcel 023 & 024, US-70 (Goldsboro Bypass) from West of NC-581 to SR-1300 (Salem Church Road)**

**Wayne County**

Conveyance of an approximate 22.660 acre area comprised of one (1) B-class residue and one (1) C-Class residue, having a value of \$32,500.00 to **270 Goldsboro LLC** for the highest offer amount of **\$152,250.00**; no additional commission fees required. These residues were acquired for \$335.00 in 2013.

**Project R-2554BB, Parcel 012, US-70 (Goldsboro Bypass) East of SR-1556 (Wayne Memorial Drive) to West of SR-1714 (Creek Drive)**

**Wayne County**

Conveyance of an approximate 0.280 acre area comprised of one (1) B-class residue, having a value of \$2,000.00 to **Pirate Ventures, LLC** for the highest offer amount of **\$8,000.00**; no additional commission fees required. This residue was acquired for \$1,600.00 in 2013.

**Project R-2554BB, Parcel 006, US-70 (Goldsboro Bypass) East of SR-1556 (Wayne Memorial Drive) to West of SR-1714 (Creek Drive)**

**Wayne County**

Conveyance of an approximate 0.460 acre area comprised of one (1) B-class residue, having a value of \$9,000.00 to **Dennis Jacobs** for the highest offer amount of **\$16,600.00**; no additional commission fees required. This residue was acquired for \$5,900 in 2013.

**(Division 6)**

**Project U-4422, Parcel 077Z, SR-1596 (Glensford Road) from US-401 Business (Raeford Road) to SR-1400 (Cliffdale Road)**

**Cumberland County**

Conveyance of an approximate 0.281 acre area comprised of one (1) A-class residue, having a value of \$17,500.00 to **Estee Holdings LLC** for the highest offer amount of **\$18,375.00**; no additional commission fees required. This residue was acquired for \$17,900.00 in 2012.



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

**(Division 6) (continued)**

**Project 026NC87, Parcel 001, NC-87  
Cumberland County**

Conveyance of an approximate 0.080 acre area comprised of one (1) C-class residue, having a value of \$1,000.00 to **Ain M. Tucker** for the highest offer amount of **\$1,000.00**; no additional commission fees required. This residue was acquired for \$10.00 in 1972.

**(Division 8)**

**Project R-2417A, Parcel 017, US-421/NC-87 (Sanford Bypass) from West of SR-1400 to West of US-1/15-501  
Lee County**

Conveyance of an approximate 0.910 acre area comprised of one (1) B-class residue, having a value of \$2,300.00 to **Rita Leon Arriola** for the highest offer amount of **\$3,847.00**; no additional commission fees required. This residue was acquired for \$430.00 in 2007.

**Project R-2417A, Parcel 909, US-421/NC-87 (Sanford Bypass) from West of SR-1400 to West of US-1/15-501  
Lee County**

Conveyance of an approximate 0.080 acre area comprised of one (1) C-class residue, having a value of \$300.00 to **Kenesha Williams** for the highest offer amount of **\$662.00**; no additional commission fees required. This residue was acquired for \$199.00 in 2005.

**(Division 9)**

**Project U-2579B, Parcel 960, Winston Salem Northern Beltway (Eastern Section, future I-74) from US-158 to I-40 Business/US-421  
Forsyth County**

Conveyance of an approximate 0.804 acre area comprised of one (1) A-class residue, having a value of \$337,977.00 to **Kristopher Oakley and Leslie Taylor** for the highest offer amount of **\$431,385.00**; no additional commission fees required. This residue was acquired for \$450,000.00 in 2007 as an advanced acquisition as total take.

**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 10)**

**Project I-3802A, Parcel 106, I-85 From NC-73 (Exit 55) to Lane Street (Exit 63)  
Cabarrus County**

Conveyance of an approximate 0.090 acre area comprised of one (1) B-class residue having a value of **\$4,410.00** to **Nathan K. Swinson and Wife Heidi T. Swinson** as part-settlement of their right of way claim on project I-3802A parcel 108.

**(Division 14)**

**Project B-4159, Parcel 010 & 012, Replace Bridge #108 of Tuckasegee River on SR-1002**

**Jackson County**

Conveyance of approximately 0.810 acre area comprised of two (2) A-Class residues to **Jackson County** for public use as Recreational Area to be included in the County's inventory. These residues were acquired for \$34,150.00 in 2015. A reverter clause will be included in the instrument so if this 0.810 acre area is no longer needed for public purposes, the County conveys the area back to the Department at no expense to the Department.

**Project A-0009CC, Parcel 147, NC-143**

**Graham County**

Conveyance of an approximate 1.539 acre area comprised of one (1) B-class residue having a value of **\$2,025.00** to **William J. Carr and Tammy Carr** as part-settlement of their right of way claim on project A-0009CC parcel 148.

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

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

**(Division 5)**

**Project U-0083A, Parcel 025, 031, & 032, McDowell and Dawson Streets in Raleigh Wake County**

Disposal of approximately 0.600 acre surplus right of way to **KL PCS Phase 1 Owner, LLC, CS Smith LLC, and Paris Family Partnership LLC**, for no consideration. This surplus area is part of a larger area acquired through right of way agreements for \$63,698.00 between 1981 and 1982.

**(Division 8)**

**Project 8.1579501, Parcel 042, SR-1951 (Island Ford Road) Near the Intersection of SR-1951 (Island Ford Road) and SR-1991 (Hunters Ridge Road) Randolph County**

Disposal of approximately 7.184 acre surplus right of way to **Commonwealth Hosiery Mills, Inc.**, for its appraised value of **\$52,000.00**. This surplus area was acquired through Consent Judgment for \$25,000.00 in 1970.

**(Division 14)**

**Project B-5125, Parcel 004 & 005, Bridge #22 Over Little Tennessee River on US-441 Business Macon County**

Disposal of approximately 0.278 acre surplus right of way to **The Town of Franklin**, for no consideration for public use. This surplus area was acquired through Consent Judgment and by Deed for Highway Right of Way for \$157,075.00 between 2015 and 2017.

**Approval of Revision in Control of Access**

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

**(Division 3)**

**Project U-4007B, Parcel 903, US-17 Western Parkway From SR-1403 (Country Club Road) to Western Boulevard in Jacksonville**

**Brunswick County**

Revision in the control of access along US-17 Western Parkway in Jacksonville to **Bailey & Fuller Properties, LLC** for the enhanced appraisal amount of **\$93,000.00**.

**(Division 13)**

**Project R-2518A, Parcel 088, US-19 From I-26 in Madison County to 0.8 KM east of Yancey County Line**

**Madison County**

Revision in the control of access along US-19 in Madison County to **Jesse Doyle Roberts** for **no consideration**.

**Advance Acquisition of Highway Right of Way**

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

**Division 9**

**Property of Emma P. Davis, Heirs  
I.D. No. R-2247B, Parcel #602  
WBS 34409.2.30, F. A. Project N/A  
County of Forsyth  
Settlement for \$ 91,706.00**

**Property of Franklin C. Beavers, Heirs  
I.D. No. R-2247D, Parcel #904  
WBS 34409.2.10, F. A. Project SW/REG  
County of Forsyth  
Settlement for \$ 274,081.00**

**Property of James Copen  
I.D. No. R-2247, Parcel #600  
WBS 34409.2.1, F. A. Project N/A  
County of Forsyth  
Settlement for \$ 562,526.00**

**Property of William Beauchamp  
I.D. No. R-2247CB, Parcel #600  
WBS 34409.2.7, F. A. Project REGIONAL  
County of Forsyth  
Settlement for \$ 951,783.00**

**Property of Miriam Beauchamp  
I.D. No. R-2247CB, Parcel #601  
WBS 34409.2.7, F. A. Project REGIONAL  
County of Forsyth  
Settlement for \$ 741,864.00**

**APPROVAL OF ADVANCE ACQUISITION FOR HIGHWAY ROW      5 PROJECT(S)      \$ 2,621,960.00**

**Approval of Relocation of Permanent Utility Easement**

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

**(Division 3)****Project R-0083, Parcel 064 & 069, US-17 Relocation from Southwest of SR-1401 to the Intersection of Existing 17 North of Bolivia  
Brunswick County**

The Department during the construction of project R-0083 BB acquired a 20.910 Acre remnant, with a 100 foot wide 4.250 Acre Permanent Utility Easement in favor of The Brunswick Electric Membership Corporation, from Faith Missionary Baptist Church. The Brunswick Electric Membership Corporation has requested that the existing easement be relocated. The relocated easement will be 100 feet wide with an area of 2.480 acres on parcels 064 and 069 with no access from the Highway Right of Way. No consideration is required due to the enhanced value to the Department due to reduction of Permanent Utility Easement area. 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 4)****Project R-0048B, Parcel 022 & 023, US-70  
Johnston County**

The Department was conveyed a 7.760 acre area from Quinton K. Wall and a 5.680 acre area from Jeanne Benton Wilson Et al. during the construction of project R-0048BB. The department needs to convert 1.058 acre to Right of way for future interchange improvements. The remaining 12.355 acres will remain available for sale or further use by the Department.

CONVERSION OF RESIDUAL PROPERTY TO HIGHWAY ROW	1 PROJECT(S)	\$ 0.00
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<b>R-ITEM SUMMARY</b>	<b>56 PROJECT(S)</b>	<b>TOTAL: \$ 4,223,961.00</b>
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**NORTH CAROLINA BOARD OF TRANSPORTATION  
RECOMMENDED ALLOCATION OF HIGHWAY MAINTENANCE APPROPRIATIONS  
FISCAL YEAR 2022 - 2023**

On July 7, 2022, the Board approved an initial maintenance allocation totaling \$1,699,760,767. Several days later, on July 11, 2022, House Bill 103, the Current Operations Appropriations Act of 2022, was enacted as Session Law 2022-74. The appropriations act included a \$1,000,000 increase for Bridge Program and a \$33,100,000 increase for General Maintenance Reserve.

In addition to the \$34,100,000 increased appropriations noted above, \$14,913,355 of prior year funding was made available for distribution after being approved for Legislative, Medical and Retirement increases and inspection tax proceeds.

At this time, staff recommends allocating the additional \$49,013,355 to the divisions.

Staff also recommends cashflowing \$423,656,947 from future year allocations.

General Maintenance Reserve	121,326,607
Contract Resurfacing	261,377,263
Pavement Preservation	40,953,077
<b>Total Cashflow Request</b>	<b>423,656,947</b>

The recommended cashflow funds will be distributed to the divisions to support and continue the operations and maintenance of the system, as well as ongoing contract activities, new contract lettings, and associated force account work and inspections.

The allocation summary is detailed in Table 1 on Pages S2-3. Recommended allocations for each program are detailed in Tables 2-8 on Pages S4-10.



**NORTH CAROLINA BOARD OF TRANSPORTATION  
RECOMMENDED ALLOCATION OF HIGHWAY MAINTENANCE APPROPRIATIONS  
FISCAL YEAR 2022 - 2023**

**Table 1 – MAINTENANCE ALLOCATION SUMMARY**

**SCHEDULE I – GENERAL MAINTENANCE RESERVE (GMR)**

<b><u>SCHEDULE I (a) – TRADITIONAL GMR</u></b>	<b>INITIAL ALLOCATION</b>	<b>SUPPLEMENTAL ALLOCATION</b>	<b>TOTAL ALLOCATION</b>
Cashflow Repayment	181,989,911	0	181,989,911
Cashflow from Future Years	0	(121,326,607)	(121,326,607)
<i>Cashflow Repayment Subtotal</i>	<i>181,989,911</i>	<i>(121,326,607)</i>	<i>60,663,304</i>
Asset Maintenance and Operations	20,628,000	0	20,628,000
Research and Development	6,284,000	0	6,284,000
State and Federal Obligation	15,875,000	0	15,875,000
<i>Enterprise Programs Subtotal</i>	<i>42,787,000</i>	<i>0</i>	<i>42,787,000</i>
Division Distribution	264,049,694	162,638,433	426,688,127
<b><i>Traditional GMR Total</i></b>	<b><i>\$488,826,605</i></b>	<b><i>\$41,311,826</i></b>	<b><i>\$530,138,431</i></b>
<b><u>SCHEDULE I (b) – EMERGENCY GMR</u></b>			
Statewide Emergency Funds	33,731,212	0	33,731,212
Division Snow and Ice Operations	60,000,000	0	60,000,000
<b><i>Emergency GMR Total</i></b>	<b><i>\$93,731,212</i></b>	<b><i>0</i></b>	<b><i>\$93,731,212</i></b>
<b><i>General Maintenance Reserve Total</i></b>	<b><i>\$582,557,817</i></b>	<b><i>\$41,311,826</i></b>	<b><i>\$623,869,643</i></b>

**SCHEDULE II – ROADSIDE ENVIRONMENTAL**

	<b>INITIAL ALLOCATION</b>	<b>SUPPLEMENTAL ALLOCATION</b>	<b>TOTAL ALLOCATION</b>
Cashflow Repayment	13,813,029	0	13,813,029
Asset Maintenance and Operations	4,260,000	400,000	4,660,000
State and Federal Obligation	225,000	0	225,000
<i>Enterprise Programs Subtotal</i>	<i>4,485,000</i>	<i>400,000</i>	<i>4,885,000</i>
Division Distribution	98,879,665	945,185	99,824,850
<b><i>Roadside Environmental Total</i></b>	<b><i>\$117,177,694</i></b>	<b><i>\$1,345,185</i></b>	<b><i>\$118,522,879</i></b>

**NORTH CAROLINA BOARD OF TRANSPORTATION  
RECOMMENDED ALLOCATION OF HIGHWAY MAINTENANCE APPROPRIATIONS  
FISCAL YEAR 2022 - 2023**

**Table 1 – MAINTENANCE ALLOCATION SUMMARY CONTINUED**

<b><u>SCHEDULE III – CONTRACT RESURFACING</u></b>	<b>INITIAL ALLOCATION</b>	<b>SUPPLEMENTAL ALLOCATION</b>	<b>TOTAL ALLOCATION</b>
Cashflow Repayment	399,593,670	0	399,593,670
Cashflow from Future Years	(115,211,553)	(261,377,263)	(376,588,816)
<i>Cashflow Repayment Subtotal</i>	<i>284,382,117</i>	<i>(261,377,263)</i>	<i>23,004,854</i>
Asset Maintenance and Operations	12,845,000	0	12,845,000
Division Distribution	273,372,410	262,179,041	535,551,451
<b><i>Contract Resurfacing Total</i></b>	<b><i>\$570,599,527</i></b>	<b><i>\$801,778</i></b>	<b><i>\$571,401,305</i></b>
<b><u>SCHEDULE IV – PAVEMENT PRESERVATION</u></b>	<b>INITIAL ALLOCATION</b>	<b>SUPPLEMENTAL ALLOCATION</b>	<b>TOTAL ALLOCATION</b>
Cashflow Repayment	47,764,540	0	47,764,540
Cashflow from Future Years	(3,452,195)	(40,953,077)	(44,405,272)
<i>Cashflow Repayment Subtotal</i>	<i>44,312,345</i>	<i>(40,953,077)</i>	<i>3,359,268</i>
Division Distribution	41,046,003	41,186,511	82,232,514
<b><i>Pavement Preservation Total</i></b>	<b><i>\$85,358,348</i></b>	<b><i>\$233,434</i></b>	<b><i>\$85,591,782</i></b>
<b><u>SCHEDULE V – BRIDGE PROGRAM</u></b>	<b>INITIAL ALLOCATION</b>	<b>SUPPLEMENTAL ALLOCATION</b>	<b>TOTAL ALLOCATION</b>
Cashflow Repayment	27,396,483	0	27,396,483
Central Distribution	164,500,698	0	164,500,698
Division Distribution	82,270,649	4,545,596	86,816,245
<b><i>Bridge Program Total</i></b>	<b><i>\$274,167,830</i></b>	<b><i>\$4,545,596</i></b>	<b><i>\$278,713,426</i></b>
<b><u>SCHEDULE VI – BRIDGE PRESERVATION</u></b>	<b>INITIAL ALLOCATION</b>	<b>SUPPLEMENTAL ALLOCATION</b>	<b>TOTAL ALLOCATION</b>
Central Distribution	34,949,776	387,768	35,337,544
Division Distribution	34,949,775	387,768	35,337,543
<b><i>Bridge Preservation Total</i></b>	<b><i>\$69,899,551</i></b>	<b><i>\$775,536</i></b>	<b><i>\$70,675,087</i></b>
<b>GRAND TOTAL</b>	<b>\$1,699,760,767</b>	<b>\$49,013,355</b>	<b>\$1,748,774,122</b>

**NORTH CAROLINA BOARD OF TRANSPORTATION  
RECOMMENDED ALLOCATION OF HIGHWAY MAINTENANCE APPROPRIATIONS  
FISCAL YEAR 2022 - 2023**

**SCHEDULE I(a) – TRADITIONAL GENERAL MAINTENANCE RESERVE**

**Total Allocation:** Staff recommends allocating an additional \$41,311,826 for Traditional General Maintenance Reserve (Traditional GMR), and cashflowing (advancing) \$121,326,607 from future year allocations.

**Legislative Increases:** On June 30, 2022, an additional \$8,211,826 was made available for GMR after being approved for prior year Legislative, Medical and Retirement increases. Staff recommends distributing these funds to the divisions using a previously approved formula.

**Certified Budget Increase:** House Bill 103 (Session Law 2022-74) increased the FY2023 GMR appropriation by \$33,100,000. Staff recommends distributing these funds to the divisions using a previously approved formula.

**Cashflow:** The GMR cashflow balance of \$181,989,911 was repaid in full as part of the initial allocation approved on July 7, 2022. At this time, staff recommends cashflowing \$121,326,607 from future year allocations. The cashflow funds will be distributed to the divisions using a previously approved allocation formula. Together with the \$41,311,826 allocation increase, the \$121,326,607 cashflow advance will increase the total division distribution of Traditional GMR from \$256,049,694 to \$426,688,127. This recommendation will provide the Department with necessary funds to support ongoing maintenance and upkeep of the system.

**Table 2 – Traditional General Maintenance Reserve**

Division	Initial Allocation	Supplemental Allocation	Total Allocation
1	16,021,183	11,430,625	27,451,808
2	16,658,081	10,630,876	27,288,957
3	19,697,726	11,861,219	31,558,945
4	20,094,082	12,865,190	32,959,272
5	27,475,562	14,663,195	42,138,757
6	18,345,617	11,915,205	30,260,822
7	21,658,453	11,806,100	33,464,553
8	18,042,304	12,909,615	30,951,919
9	17,863,697	10,411,800	28,275,497
10	23,502,228	11,714,151	35,216,379
11	14,769,409	10,680,304	25,449,713
12	19,244,915	11,925,282	31,170,197
13	15,646,156	10,292,554	25,938,710
14	15,030,281	9,532,317	24,562,598
<b>Subtotal</b>	<b>\$264,049,694</b>	<b>\$162,638,433</b>	<b>\$426,688,127</b>
Cashflow Repayment	181,989,911	(121,326,607)	60,663,304
Asset Maintenance & Operations	20,628,000	0	20,628,000
Research and Development	6,284,000	0	6,284,000
State and Federal Obligation	15,875,000	0	15,875,000
<b>Subtotal</b>	<b>\$224,776,911</b>	<b>(\$121,326,607)</b>	<b>\$103,450,304</b>
<b>Grand Total</b>	<b>\$488,826,605</b>	<b>\$41,311,826</b>	<b>\$530,138,431</b>

**NORTH CAROLINA BOARD OF TRANSPORTATION  
RECOMMENDED ALLOCATION OF HIGHWAY MAINTENANCE APPROPRIATIONS  
FISCAL YEAR 2022 - 2023**

**SCHEDULE I(b) – EMERGENCY GENERAL MAINTENANCE RESERVE**

No changes are recommended for Emergency GMR at this time.

**Table 3 – Emergency General Maintenance Reserve**

Division	Initial Allocation	Supplemental Allocation	Total Allocation
1	1,430,140	0	1,430,140
2	1,415,762	0	1,415,762
3	878,602	0	878,602
4	2,384,266	0	2,384,266
5	5,514,550	0	5,514,550
6	1,098,441	0	1,098,441
7	7,125,822	0	7,125,822
8	2,009,529	0	2,009,529
9	6,587,253	0	6,587,253
10	3,586,970	0	3,586,970
11	9,017,418	0	9,017,418
12	2,629,198	0	2,629,198
13	8,565,125	0	8,565,125
14	7,756,924	0	7,756,924
<b>Subtotal</b>	<b>\$60,000,000</b>	<b>\$0</b>	<b>\$60,000,000</b>
Cashflow Repayment	0	0	0
Asset Maintenance & Operations	0	0	0
Research and Development	0	0	0
State and Federal Obligation	0	0	0
Statewide Emergency Funds	33,731,212	0	33,731,212
<b>Subtotal</b>	<b>\$33,731,212</b>	<b>\$0</b>	<b>\$33,731,212</b>
<b>Grand Total</b>	<b>\$93,731,212</b>	<b>\$0</b>	<b>\$93,731,212</b>

**NORTH CAROLINA BOARD OF TRANSPORTATION  
RECOMMENDED ALLOCATION OF HIGHWAY MAINTENANCE APPROPRIATIONS  
FISCAL YEAR 2022 - 2023**

**SCHEDULE II – ROADSIDE ENVIRONMENTAL**

**Total Allocation:** Staff recommends allocating an additional \$1,345,185 for Roadside Environmental. This recommendation increases the Roadside Environmental allocation from \$117,177,694 to \$118,522,879.

**Legislative Increases:** On June 30, 2022, an additional \$945,185 was made available for Roadside Environmental after being approved for prior year Legislative, Medical and Retirement increases. Staff recommends distributing these funds to the divisions using a previously approved formula.

**Enterprise Programs:** Additional funds were also made available for Roadside Environmental on August 19, 2022. The funds were approved for Legislative, Medical and Retirement increases in accordance with S.L. 2021-180. Staff recommends allocating \$400,000 of the increased funds to Asset Maintenance and Operations to support ongoing statewide programs.

**Cashflow:** The Roadside Environmental cashflow balance of \$13,813,029 was repaid in full as part of the initial allocation approved on July 7, 2022.

**Table 4 – Roadside Environmental**

Division	Initial Allocation	Supplemental Allocation	Total Allocation
1	6,408,327	61,907	6,470,234
2	5,663,556	58,768	5,722,324
3	6,250,662	65,530	6,316,192
4	9,033,638	79,404	9,113,042
5	8,222,145	81,037	8,303,182
6	7,361,538	71,584	7,433,122
7	7,047,507	69,148	7,116,655
8	7,241,411	74,632	7,316,043
9	6,155,392	57,993	6,213,385
10	6,851,242	66,880	6,918,122
11	6,375,633	63,298	6,438,931
12	7,718,796	69,526	7,788,322
13	6,836,658	61,342	6,898,000
14	7,713,160	64,136	7,777,296
<b>Subtotal</b>	<b>\$98,879,665</b>	<b>\$945,185</b>	<b>\$99,824,850</b>
Cashflow Repayment	13,813,029	0	13,813,029
Asset Maintenance & Operations	4,260,000	400,000	4,660,000
Research and Development	0	0	0
State and Federal Obligation	225,000	0	225,000
<b>Subtotal</b>	<b>\$18,298,029</b>	<b>\$400,000</b>	<b>\$18,698,029</b>
<b>Grand Total</b>	<b>\$117,177,694</b>	<b>\$1,345,185</b>	<b>\$118,522,879</b>

**NORTH CAROLINA BOARD OF TRANSPORTATION  
RECOMMENDED ALLOCATION OF HIGHWAY MAINTENANCE APPROPRIATIONS  
FISCAL YEAR 2022 - 2023**

**SCHEDULE III – CONTRACT RESURFACING**

**Total Allocation:** Staff recommends allocating an additional \$801,778 for Contract Resurfacing, and cashflowing (advancing) \$261,377,263 from future year allocations.

**Legislative Increase:** On June 30, 2022, an additional \$801,778 was made available for Contract Resurfacing after being approved for prior year Legislative, Medical and Retirement increases. Staff recommends distributing these funds to the divisions using a previously approved formula.

**Cashflow:** Contract Resurfacing began FY2023 with a cashflow balance of \$399,593,670. \$284,382,117 of the balance was repaid as part of the initial allocation. The current Contract Resurfacing cashflow balance is \$115,211,553. At this time, staff recommends cashflowing an additional \$261,377,263 for Contract Resurfacing. The Department intends to repay these funds in full at the beginning of FY2024. The additional cashflow funds will be distributed to the divisions to support contract activities and associated force account work.

Together with the \$801,778 allocation increase, the \$261,377,263 cashflow advance will increase the division distribution of Contract Resurfacing from \$273,372,410 to \$535,551,451.

**Table 5 – Contract Resurfacing**

Division	Initial Allocation	Supplemental Allocation	Total Allocation
1	17,835,511	17,105,227	34,940,738
2	17,445,129	16,730,830	34,175,959
3	23,941,477	22,961,181	46,902,658
4	22,300,325	21,387,227	43,687,552
5	24,265,428	23,271,868	47,537,296
6	17,013,238	16,316,622	33,329,860
7	19,534,478	18,734,629	38,269,107
8	22,978,282	22,037,424	45,015,706
9	16,061,427	15,403,786	31,465,213
10	20,336,739	19,504,041	39,840,780
11	16,134,401	15,473,770	31,608,171
12	18,648,345	17,884,780	36,533,125
13	18,604,533	17,842,761	36,447,294
14	18,273,097	17,524,895	35,797,992
<b>Subtotal</b>	<b>\$273,372,410</b>	<b>\$262,179,041</b>	<b>\$535,551,451</b>
Cashflow Repayment	284,382,117	(261,377,263)	23,004,854
Asset Maintenance & Operations	12,845,000	0	12,845,000
Research and Development	0	0	0
State and Federal Obligation	0	0	0
<b>Subtotal</b>	<b>\$297,227,117</b>	<b>(\$261,377,263)</b>	<b>\$35,849,854</b>
<b>Grand Total</b>	<b>\$570,599,527</b>	<b>\$801,778</b>	<b>\$571,401,305</b>

**NORTH CAROLINA BOARD OF TRANSPORTATION  
RECOMMENDED ALLOCATION OF HIGHWAY MAINTENANCE APPROPRIATIONS  
FISCAL YEAR 2022 - 2023**

**SCHEDULE IV – PAVEMENT PRESERVATION**

**Total Allocation:** Staff recommends allocating an additional \$233,434 for Pavement Preservation, and cashflowing (advancing) \$40,953,077 from future year allocations.

**Legislative Increases:** On June 30, 2022, an additional \$233,434 was made available for Pavement Preservation after being approved for prior year Legislative, Medical and Retirement increases. Staff recommends distributing these funds to the divisions using a previously approved formula.

**Cashflow:** Pavement Preservation began FY2023 with a cashflow balance of \$47,764,540. \$44,312,345 of the balance was repaid as part of the initial allocation. The current Pavement Preservation cashflow balance is \$3,452,195. At this time, staff recommends cashflowing an additional \$40,953,077 for Pavement Preservation. The cashflow funds will be distributed to the divisions to support contract activities and associated force account work.

Together with the \$233,434 allocation increase, the \$40,953,077 cashflow advance will increase the total division distribution of Pavement Preservation funds from \$41,046,003 to \$82,232,514.

**Table 6 – PAVEMENT PRESERVATION**

Division	Initial Allocation	Supplemental Allocation	Total Allocation
1	2,138,558	2,145,557	4,284,115
2	2,425,612	2,433,808	4,859,420
3	2,553,151	2,561,554	5,114,705
4	3,513,618	3,525,734	7,039,352
5	3,058,852	3,068,901	6,127,753
6	3,474,201	3,486,274	6,960,475
7	2,657,974	2,666,846	5,324,820
8	3,485,155	3,497,076	6,982,231
9	2,771,858	2,781,437	5,553,295
10	2,599,417	2,608,136	5,207,553
11	3,781,368	3,795,126	7,576,494
12	3,098,855	3,109,400	6,208,255
13	2,811,434	2,821,282	5,632,716
14	2,675,950	2,685,380	5,361,330
<b>Subtotal</b>	<b>\$41,046,003</b>	<b>\$41,186,511</b>	<b>\$82,232,514</b>
Cashflow Repayment	44,312,345	(40,953,077)	3,359,268
Asset Maintenance & Operations	0	0	0
Research and Development	0	0	0
State and Federal Obligation	0	0	0
<b>Subtotal</b>	<b>\$44,312,345</b>	<b>(\$40,953,077)</b>	<b>\$3,359,268</b>
<b>Grand Total</b>	<b>\$85,358,348</b>	<b>\$233,434</b>	<b>\$85,591,782</b>

**NORTH CAROLINA BOARD OF TRANSPORTATION  
RECOMMENDED ALLOCATION OF HIGHWAY MAINTENANCE APPROPRIATIONS  
FISCAL YEAR 2022 - 2023**

**SCHEDULE V – BRIDGE PROGRAM**

**Total Allocation:** Staff recommends allocating an additional \$4,545,596 for Bridge Program.

**Legislative Increases and Inspection Tax Proceeds:** An additional \$3,545,596 was made available for the Bridge Program in May and June of 2022. \$2,822,465 was transferred into Bridge Program from inspection tax proceeds, and \$723,131 was approved for prior year Legislative, Medical and Retirement increases. Staff recommends distributing these funds to the divisions using a previously approved formula.

**Certified Budget Increase:** House Bill 103 (Session Law 2022-74) increased the FY2023 Bridge Program appropriation by \$1,000,000. Staff recommends distributing these funds to the divisions using a previously approved formula.

**Cashflow:** The Bridge Program cashflow balance of \$27,396,483 was repaid in full as part of the initial allocation approved on July 7, 2022.

**Table 7 – BRIDGE PROGRAM**

Division	Initial Allocation	Supplemental Allocation	Total Allocation
1	3,577,173	197,645	3,774,818
2	3,670,065	202,777	3,872,842
3	3,636,118	200,902	3,837,020
4	4,285,079	236,758	4,521,837
5	5,156,879	284,927	5,441,806
6	3,109,728	171,818	3,281,546
7	6,257,724	345,750	6,603,474
8	4,258,543	235,292	4,493,835
9	5,110,042	282,339	5,392,381
10	4,596,118	253,943	4,850,061
11	10,466,614	578,299	11,044,913
12	6,849,654	378,455	7,228,109
13	12,176,290	672,761	12,849,051
14	9,120,622	503,930	9,624,552
<b>Subtotal</b>	<b>\$82,270,649</b>	<b>\$4,545,596</b>	<b>\$86,816,245</b>
Cashflow Repayment	27,396,483	0	27,396,483
Central Distribution	164,500,698	0	164,500,698
<b>Subtotal</b>	<b>\$191,897,181</b>	<b>\$0</b>	<b>\$191,897,181</b>
<b>Grand Total</b>	<b>\$274,167,830</b>	<b>\$4,545,596</b>	<b>\$278,713,426</b>



**NORTH CAROLINA BOARD OF TRANSPORTATION  
RECOMMENDED ALLOCATION OF HIGHWAY MAINTENANCE APPROPRIATIONS  
FISCAL YEAR 2022 - 2023**

**SCHEDULE VI – BRIDGE PRESERVATION**

**Total Allocation:** Staff recommends allocating an additional \$775,536 for Bridge Preservation. This recommendation will increase the Bridge Preservation allocation from \$69,899,551 to \$70,675,087.

**Legislative Increases:** On June 30, 2022, an additional \$775,536 was made available for Bridge Preservation after being approved for prior year Legislative, Medical and Retirement increases. Staff recommends distributing these funds to the divisions using a previously approved formula.

**Cashflow:** Bridge Preservation does not have a cashflow balance.

**Table 8 – Bridge Preservation**

Division	Initial Allocation	Supplemental Allocation	Total Allocation
1	2,484,885	27,121	2,512,006
2	2,196,296	24,012	2,220,308
3	2,588,618	25,656	2,614,274
4	2,489,141	27,965	2,517,106
5	3,067,237	34,460	3,101,697
6	1,910,885	21,468	1,932,353
7	2,589,307	29,090	2,618,397
8	2,178,298	24,473	2,202,771
9	2,105,751	23,658	2,129,409
10	2,847,832	31,995	2,879,827
11	2,334,413	26,227	2,360,640
12	2,293,767	25,770	2,319,537
13	3,075,823	34,556	3,110,379
14	2,787,522	31,317	2,818,839
<b>Subtotal</b>	<b>\$34,949,775</b>	<b>\$387,768</b>	<b>\$35,337,543</b>
Cashflow Repayment	0	0	0
Central Distribution	34,949,776	387,768	35,337,544
<b>Subtotal</b>	<b>\$34,949,776</b>	<b>\$387,768</b>	<b>\$35,337,544</b>
<b>Grand Total</b>	<b>\$69,899,551</b>	<b>\$775,536</b>	<b>\$70,675,087</b>

**Item S Summary:**

**Total Allocation Increase = \$49,013,355**

**Additional Cashflow Funds Requested = 423,656,947**

**Total Increase = \$472,670,302**

ITEM T-1

There are no Comprehensive Transportation Plans to be presented for approval at the September 8, 2022 Board of Transportation Meeting.

## ITEM V

There will be no Item V for the September 8, 2022 Board of Transportation Meeting.



North Carolina Department of Transportation  
Materials and Tests Unit – Product Evaluation Program  
Innovative Technologies and Products Awareness Report  
September 7<sup>th</sup>, 2022



## PRODUCT INNOVATION – SoftSound



*SoftSound Noise Wall with an embedded forest design (top),  
SoftSound Noise Wall embedded with a rough concrete block  
design (bottom) – images from SoftSound brochure*

SoftSound is a concrete noise/sound wall produced by Easi-Set® Worldwide out of Midland, Virginia. It is currently accepted for a field trial and listed on the Approved Products List (APL) as NP19-8514. SoftSound is a porous, lightweight, aggregate-based cementitious material averaging between 36 – 40 pounds per cubic foot (versus a typical of 150 lbs./ft<sup>3</sup>) and is applied to the face(s) of reinforced structural concrete panels at the time of casting. It has a Sound Transmission Class (STC) rating of 50 dB, and a Noise Reduction Coefficient (NRC) of up to 0.80. SoftSound is available in a wide variety of colors, stains, textures, and embedded designs. For more information, please visit: <https://easet.com/products/softsound>

## PRODUCT HIGHLIGHT – PPC 1121

PPC 1121 is manufactured by Kwik Bond Polymers out of Benicia, California. It has been approved and is listed on the APL as NP22-9100. PPC 1121 is a polyester polymer concrete overlay and patching system designed for rapid preservation and rehabilitation of bridge decks and pavements. PPC 1121 can withstand traffic loads within 2 hours of placement at temperatures as low as 40 F, and in very humid conditions as well. PPC 1121 can be placed between 3/4" to 12" thick in a single lift, which allows for grade corrections, if necessary. It has a compressive strength of 7000 psi, and an abrasive resistance of 8-10 times that of regular polymer cement concrete. For more information, please visit:

<https://www.kwikbondpolymers.com/products/ppc-1121/>



*Worker pouring and rolling primer resin on the bridge deck (left), Workers pouring and leveling PCC 1121 on a bridge deck after the primer is applied (right) – images from Kwik Bond Polymers website*

# RESOLUTION

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

## RESOLUTION FOR TROOPER SAMUEL N BULLARD

**WHEREAS**, Samuel Newton Bullard was a native and lifelong resident of Wilkes County, and the son of Suzanne Felts and Samuel Bullard; and

**WHEREAS**, Bullard was a graduate of East Wilkes High School; and

**WHEREAS**, Bullard was an avid hunter and outdoorsman, who also participated in and had a passion for Meals on Wheels, the organization that combats senior isolation and hunger; and

**WHEREAS**, Bullard began his law enforcement career on June 21, 2015, with the North Carolina State Highway Patrol and was assigned to Surry County as a trooper, serving proudly for just over three years; and

**WHEREAS**, Trooper Bullard served Surry County professionally in all his assigned duties, making Surry County roads safer to travel; and

**WHEREAS**, Bullard was killed in the line of duty after a collision during a vehicle pursuit on May 21, 2018; and

**WHEREAS**, Bullard was posthumously awarded the Officer of the Year Award at the 2019 Blue Line Brotherhood Banquet in Kannapolis; and

**WHEREAS**, North Carolina is grateful for Bullard's bravery and service as a trooper for the North Carolina State Highway Patrol; and

**WHEREAS**, the Surry County Board of Commissioners wishes and desires to honor Trooper Bullard by naming a bridge after him.

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

That the North Carolina Board of Transportation names the bridge on CC Camp Road (SR 1138)/NC 268 Bypass between Collins Road and Pleasant Hill Road southwest of Elkin the *Trooper Samuel N Bullard Bridge*.

That appropriate signs will be erected at a suitable time.

Adopted this the 8<sup>th</sup> day of September 2022 by the  
North Carolina Board of Transportation.

  
Chairman

  
Secretary of Transportation



**NORTH CAROLINA**  
Department of Transportation

# Prioritization 7.0

Strategic Prioritization Office of Transportation (SPOT)

September 7, 2022

# Today's Topics

- Prioritization and STIP Timelines
- Prioritization Overview
- Workgroup Process and Structure
- Scoring Overview
- Cost Impacts in Scoring
- Handouts and Discussion



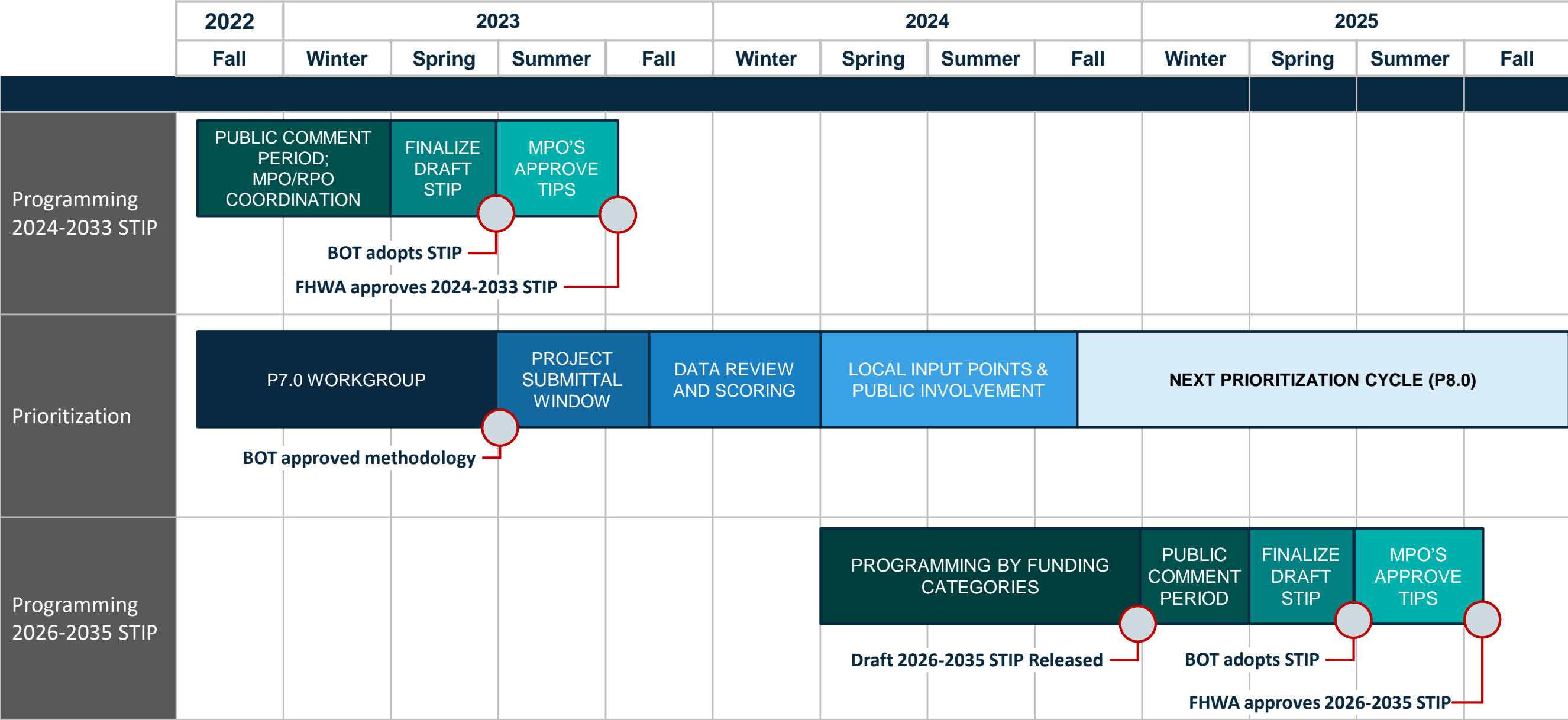


# Prioritization and STIP Timelines

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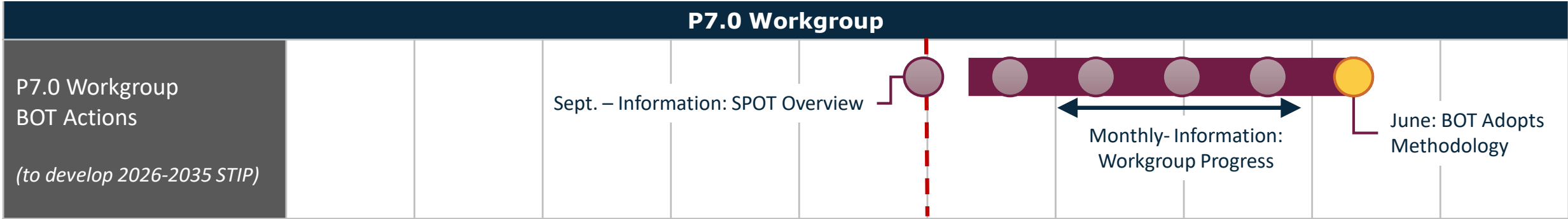
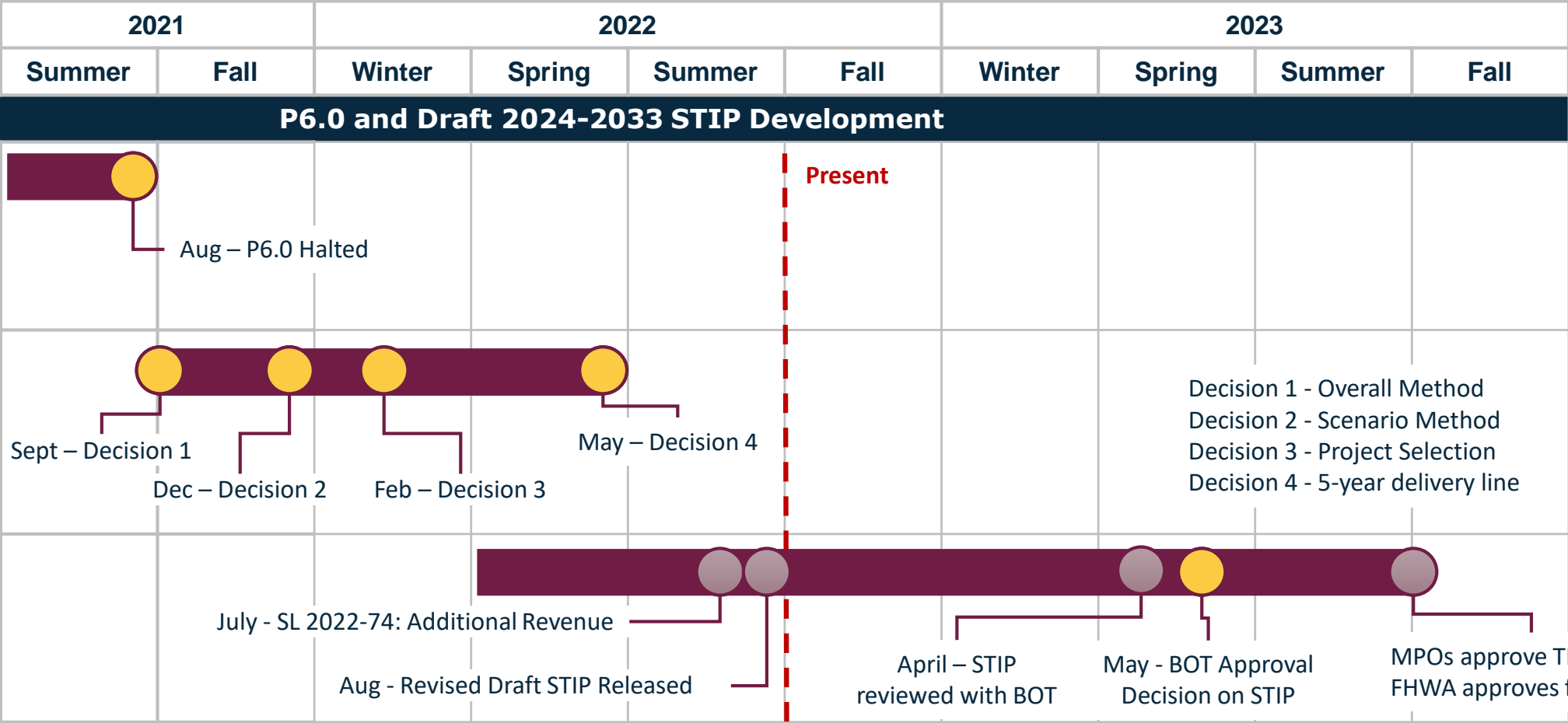


# Prioritization and STIP Schedule Overlaps (anticipated)



# Prioritization and STIP Development Timeline – BOT Involvement

 — Indicates BOT Decision Point



# Prioritization Overview

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Bicycle &  
Pedestrian



Rail



Public  
Transportation



Aviation

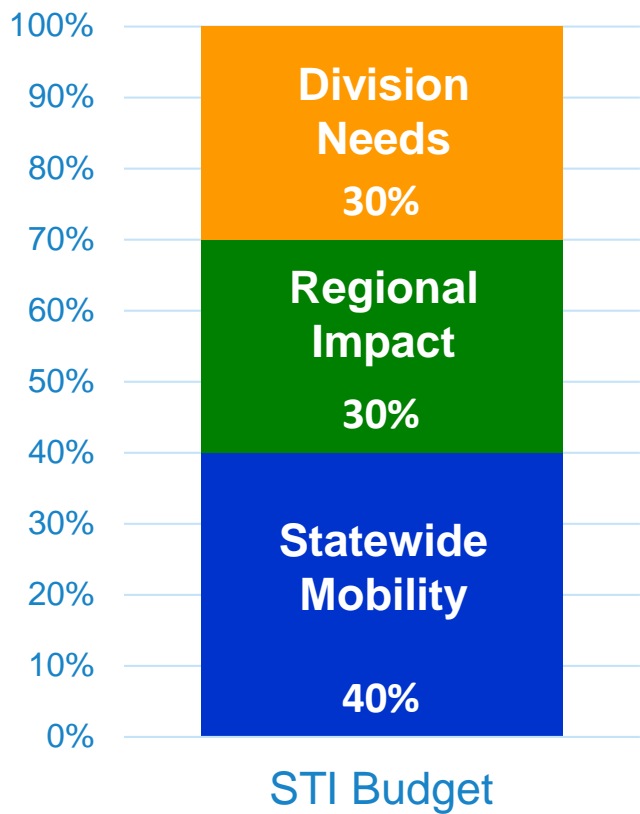


Ferry



Highway

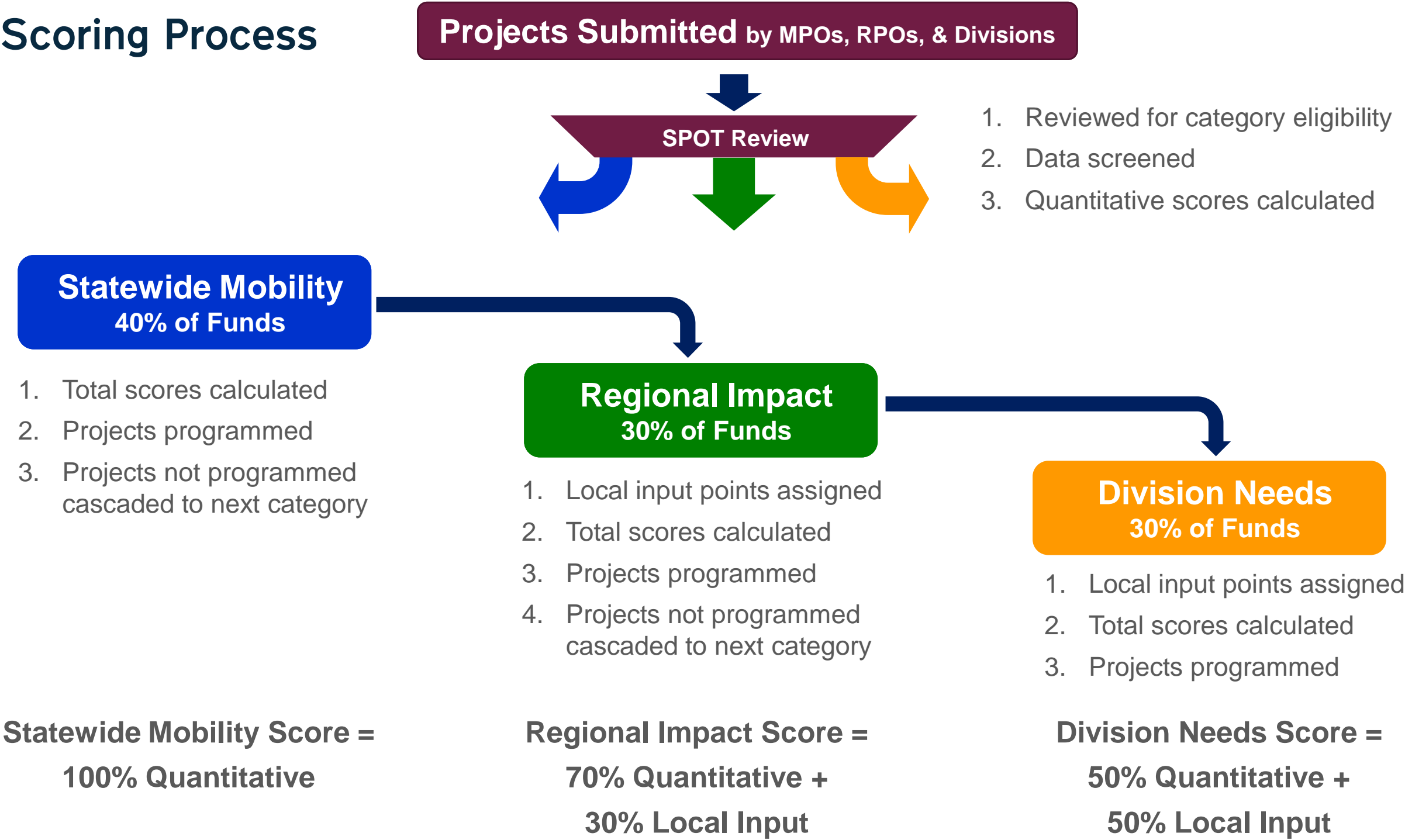
# STI Categories



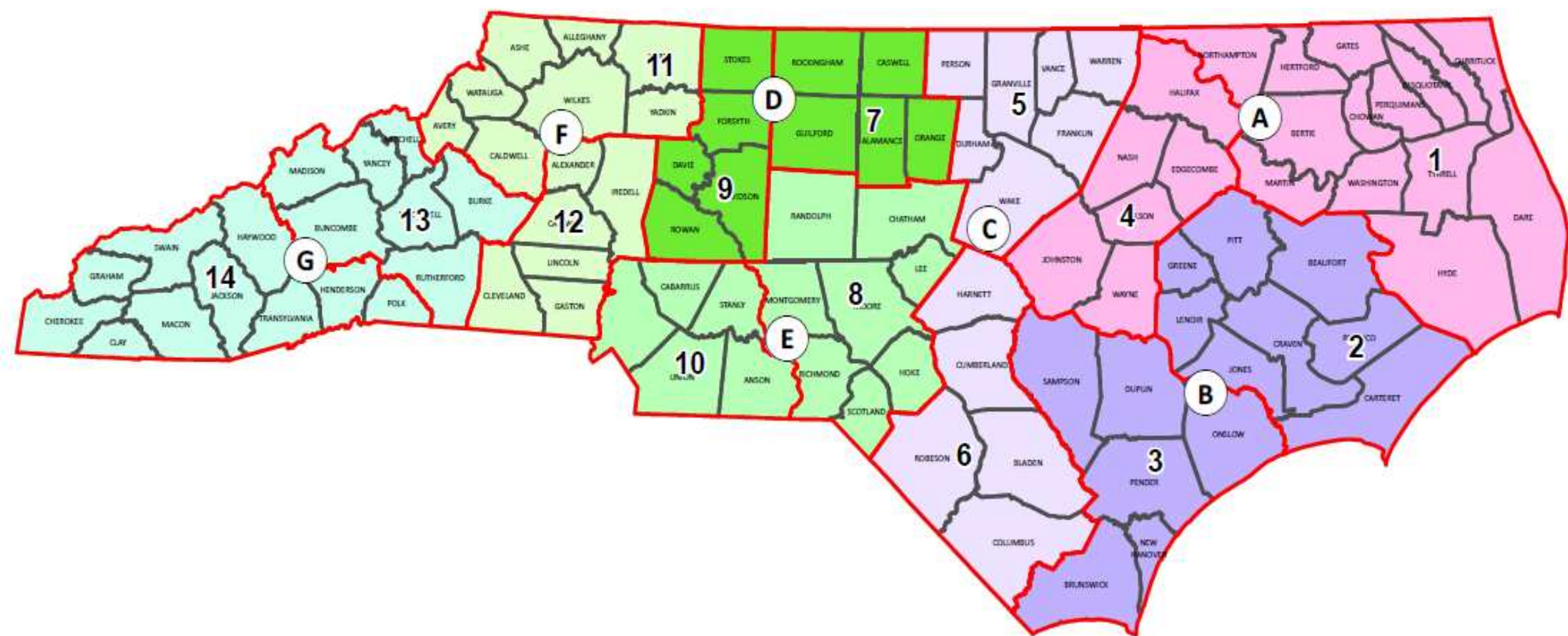
Mode	Statewide Mobility	Regional Impact	Division Needs
Highway	<ul style="list-style-type: none"><li>Interstates (existing &amp; future)</li><li>National Highway System routes (as of 2013)</li><li>STRAHNET<sup>1</sup></li><li>Designated Toll Facilities</li></ul>	Other US and NC Routes	<ul style="list-style-type: none"><li>All Secondary Roads (SR)</li><li>Federal-Aid Eligible Local Roads</li></ul>
Aviation	Large Commercial Service Airports <i>cap - \$500K / project / year</i>	Other Commercial Service Airports not in Statewide <i>cap - \$300K / project / year</i>	All Airports without Commercial Service (General Aviation) <i>cap - \$18.5M annual program</i>
Bicycle-Pedestrian	N/A	N/A	All projects (\$0 state highway trust funds)
Public Transportation	N/A	Service spanning two or more counties (10% cap)	All other service, including terminals and stations
Ferry	N/A	Vessel or infrastructure expansion	Replacement vessels
Rail	Freight Service on Class-I Railroad Corridors	Rail service spanning two or more counties not in Statewide	All other service, including terminals and stations (no short lines)

<sup>1</sup> STRAHNET – Strategic Highway Network, system of roads deemed necessary for emergency mobilization and peacetime movement of personnel and equipment to support U.S. military operations

# Scoring Process



# Regions and Divisions





# STI Law Definitions

STI Law (§ 136-189.11) defines:

- Funding Categories and Percentages
- Project Eligibility
- Highway Scoring Criteria Names
- Funding Constraints

Recommendations developed by Workgroup and NCDOT BOT adopts:

- Scoring Process (timeframe, submittals, carryovers, etc.)
- Highway Measures and Weights
- Non-Highway Criteria, Measures, and Weights
- Normalization (funding allocation between modes)
- Local Input Points

# STI Legislation Funding Caps and Restrictions Impacting Programming



Statewide Mobility  
Corridor Cap



Funding limits:  
Light rail and commuter  
rail projects



Funding limits:  
Regional Impact  
transit projects



Funding limits:  
Airport projects in all  
categories



Prohibition:  
using state funds to match federal-aid for  
independent bicycle and pedestrian projects



# Workgroup Process and Structure

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## Legislation - Workgroup

§ 136-189.11. Transportation Investment Strategy Formula.

(h) Improvement of Prioritization Process. –

The Department shall endeavor to continually improve the methodology and criteria used to score highway and non-highway projects pursuant to this Article, including the use of normalization techniques, and methods to strengthen the data collection process.

The Department is directed to continue the use of a workgroup process to develop improvements to the prioritization process.

# Workgroup Structure

Members (26*)				Advisory / SME	
MPO Representatives	x4	RPO Representatives	x4	Modal Directors	
Metro Mayors Coalition	x1	League of Municipalities	x1	Legislative Staff	
Regional Council of Governments	x1	Association of County Commissioners	x1	FHWA	
NC Rural Center	x1	NCDOT Division Engineers	x4	Technical Experts	
NCDOT Multi-Modal	x1	NCDOT Subject Matter Experts	x8	Support Staff	

*\* Department participants in the workgroup shall not exceed half of the total group*

## P7.0 Workgroup Meeting Frequency

- **In-person:** monthly, anticipated through May 2023 – for purpose of discussion and consensus
- **Virtual:** in between in-person meetings – for purpose of information and technical breakouts

# Workgroup Process

## Proposed Approach

- Update scoring methodology in areas identified by the Board of Transportation and Workgroup survey feedback. Maintain remaining portions of the methodology unless there is Workgroup consensus to refine.

## First Workgroup Meeting Topics

*Orientation for new members to be held in advance*

- Proposed Approach
- COVID impacts to Data
- Number of Submittals

## BOT Input

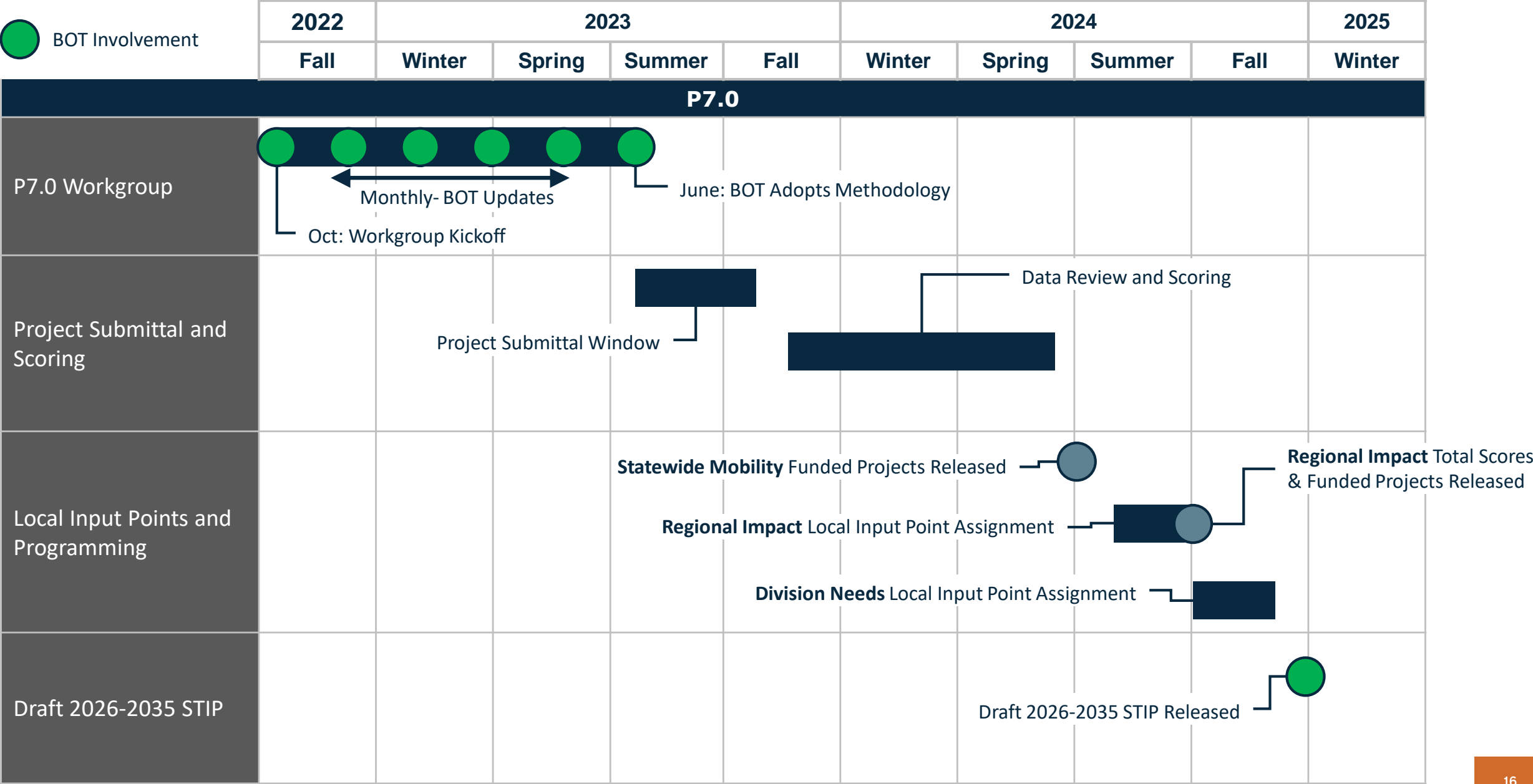
- Solicitation of Topics and Scoring Methodology Feedback – now through November 2022
- Adoption of P7.0 Methodology – anticipated June 2023

*BOT will receive monthly updates on workgroup progress*

# P7.0 Timeline (anticipated)



BOT Involvement



# Scoring Overview

---

# Legislation - Scoring

§ 136-189.11. Transportation Investment Strategy Formula.

*“A combination of transportation-related [. . .] criteria, and local input shall be used to rank [. . .] Projects involving highways that address [. . .] needs [. . .]. Local input is defined as the rankings identified by the Department's Transportation Division Engineers, Metropolitan Planning Organizations, and Rural Transportation Planning Organizations.”*

Legislation prescribes the highway criteria as:

Congestion	Benefit/Cost	Safety	Freight	Economic Competitiveness
Accessibility/Connectivity	Multimodal	Lane Width	Shoulder Width	Pavement Score

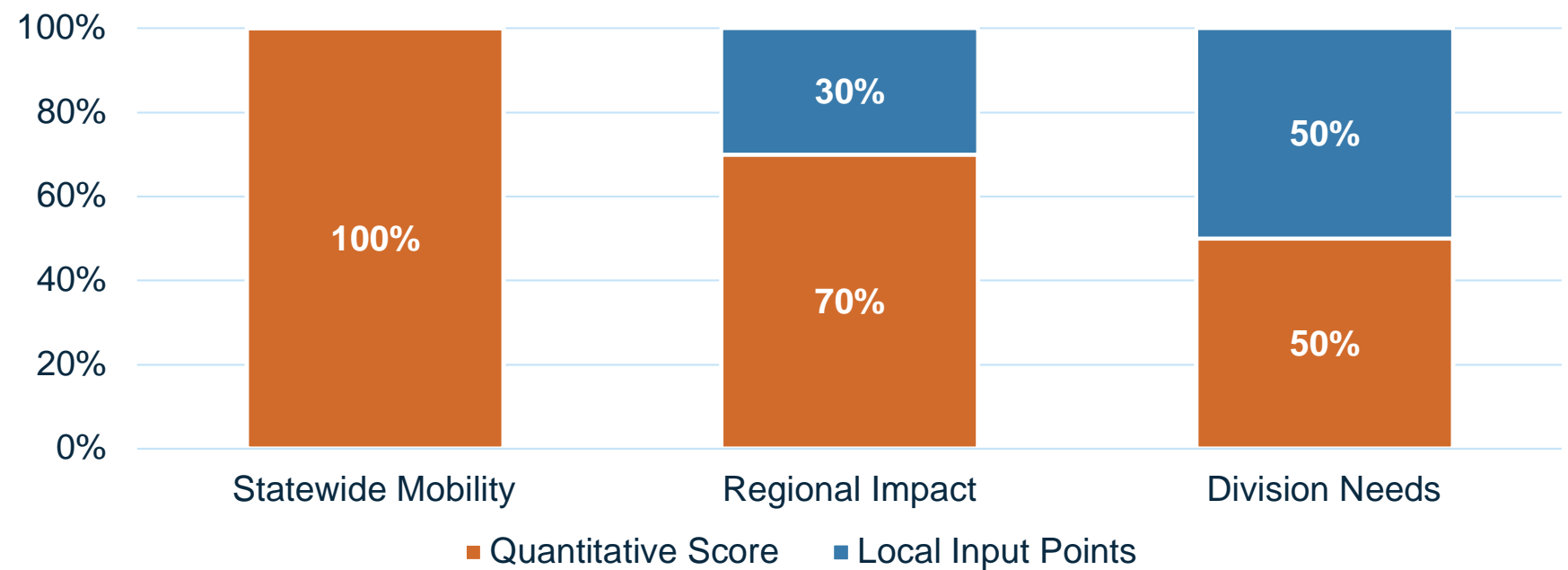


## P6.0 Highway Specific Improvement Types (SIT)

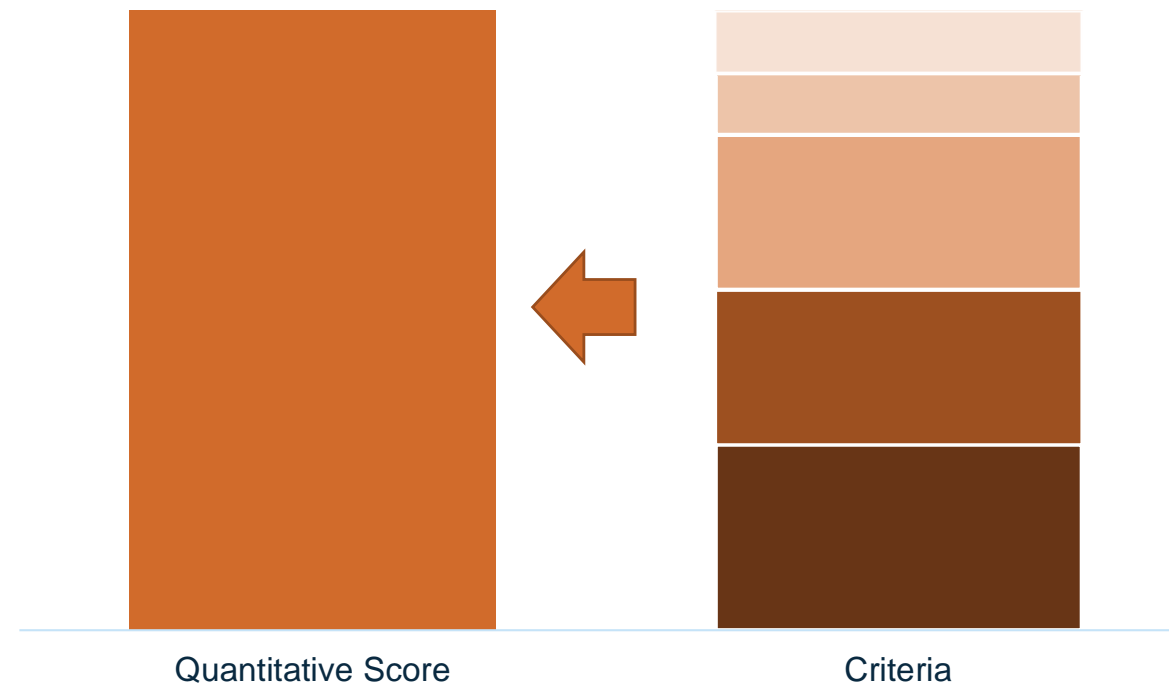
1 - Widen Existing Roadway	14 - Closed Loop Signal System
2 - Upgrade Arterial to Freeway/Expressway	15 - Install Cameras and DMS
3 - Upgrade Expressway to Freeway	16 - Modernize Roadway
4 - Upgrade Arterial to Reduced Conflict Intersection	17 - Upgrade Freeway to Interstate Standards
5 - Construct Roadway on New Location	18 – Widen Existing or Construct New Local (Non-State) Roadway
6 - Widen Existing Roadway and Construct Part on New Location	19 – Improve Intersection on Local (Non-State) Roadway-
7 - Upgrade At-grade Intersection to Interchange or Grade Separation	20 – Convert Grade Separation to Interchange to Relieve Existing Congested Interchange
8 - Improve Interchange	21 – Realign Multiple Intersections
9 - Convert Grade Separation to Interchange	22 – Construct Auxiliary Lanes or Other Operational Improvements
10 - Improve Intersection	23 - Construct Grade Separation at Highway / Railroad Crossing
11 - Access Management	24 – Implement Road Diet to Improve Safety
12 - Ramp Metering	25 – Upgrade Multiple Intersections
13 - Citywide Signal System	26 – Upgrade Roadway



# Components of a Score: Total Score



# Components of a Score: Quantitative Score





## Highway Mobility Scoring (P6.0)

Criteria	Measure	Statewide Mobility (100%)	Regional Impact (70%)	Division Needs (50%)
Congestion	Existing level of mobility along roadways by indicating congested locations and bottlenecks	30%	20%	15%
Benefit/Cost	Expected benefits of the project over a 10-year period against the estimated project cost to NCDOT	25%	20%	15%
Safety	Existing crashes along/at the project and calculate future safety benefits	10%	10%	10%
Freight	Account for key indicators of freight movement	25%	10%	5%
Economic Competitiveness	Economic benefits the transportation project is expected to provide in economic activity (GDP) and jobs over 10 yrs	10%	N/A	N/A
Accessibility / Connectivity	Improve access to opportunity in rural and less-affluent areas and improve interconnectivity of the transportation network.	N/A	10%	5%

Mobility projects include Highway SITs 1-15 & 18-26; for example:  
Roadway Widening, Intersection/Interchange Improvements, Access Management



## Bike and Pedestrian Scoring (P6.0)

Criteria	Measure	Statewide Mobility (100%)	Regional Impact (70%)	Division Needs (50%)
Safety	(Number of crashes x 40%) + (Posted speed limit x 20%) + (Crash severity x 20%) + (Project safety benefit x 20%)	N/A	N/A	15%
Access	(Destination Type x 50%) + (Distance to Prime Destination x 50%)	N/A	N/A	10%
Demand/Density	# of households and employees per square mile near facility	N/A	N/A	10%
Connectivity	Degree of bike/ped separation from roadway, connectivity to a similar or better project type, part of/connection to a national/state/regional bike route	N/A	N/A	10%
Cost Effectiveness	(Safety + Access + Demand + Connectivity) / Cost to NCDOT	N/A	N/A	5%

# Highway Criteria - Benefit-Cost

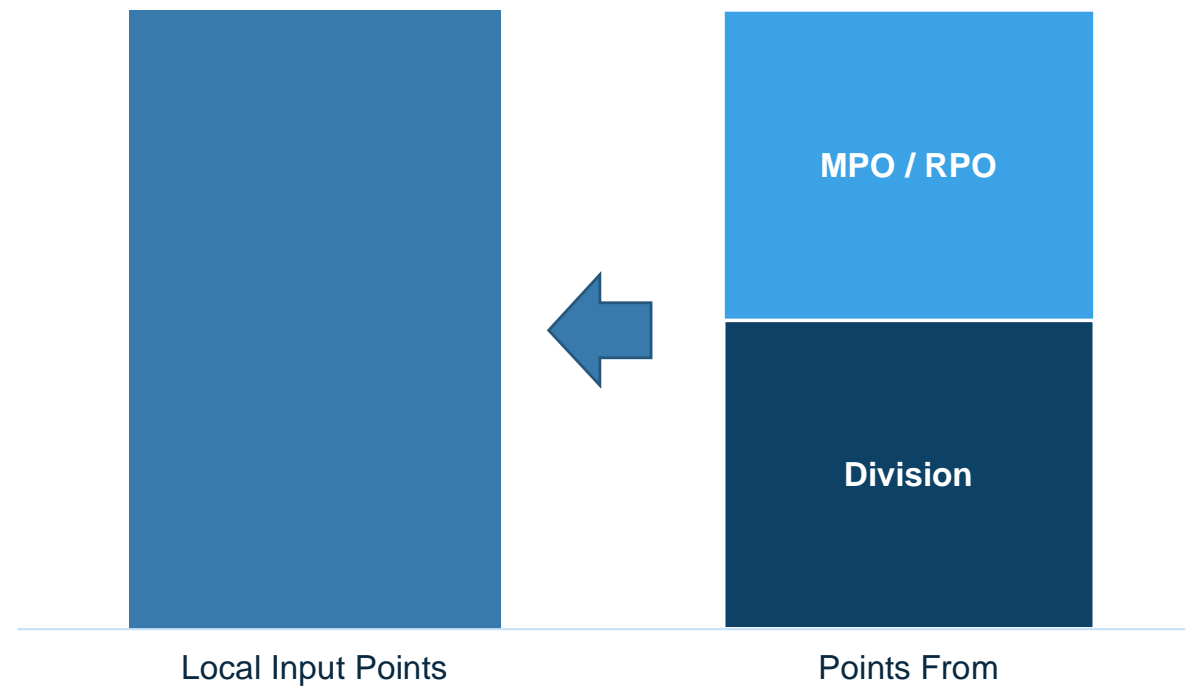
**Purpose** – Measure existing level of mobility along roadways by indicating congested locations and bottlenecks

CRITERIA	Highway Improvement			
	Type		Statewide Mobility	Regional Impact
			(100%)	(70%)
Benefit/Cost	Mobility		25%	20%
	Modernization		-	-

MEASURES & DATA	Description		Data Source
	[Benefit TTS]	Travel Time Savings Over 10 Years	Calculation varies based on project type: NC Statewide Model (NCSTM), CMT and CALC method
	[Benefit Safety]	Safety Benefits Over 10 Years	Traffic Safety data
	[Project Cost]	Estimated Project Cost (UTIL, ROW, CON) at time of submittal	Best available cost: Cost Estimation Tool, Express Designs, Verified Estimate
	[Other Funds]	Other funds (non-federal or non-state funds) that are committed to project	Submitting organization

CALCULATIONS	Statewide Mobility		Regional Impact	Division Need
	Score Equation			
	$\frac{[Benefit\ TTS] + [Benefit\ Safety]}{[Project\ Cost]} + \frac{[Other\ Funds]}{[Project\ Cost]}$			

# Components of a Score: Local Input Points





# Local Input Points (LIPs) - All Projects & Modes

Criteria	Measure	Statewide Mobility (0%)	Regional Impact (30%)	Division Needs (50%)
Division	Approved local input point methodology	N/A	15%	25%
RPO/MPO	Approved local input point methodology	N/A	15%	25%

Each Division and RPO/MPO receives a pool of LIPs to assign to projects.

Up to 100 LIPs per project at the REG and DIV categories.

*Regional Impact LIP Score = [Division LIP] \* 15% + [RPO/MPO LIP] \* 15%*

*Division Needs LIP Score = [Division LIP] \* 25% + [RPO/MPO LIP] \* 25%*

# Example Highway Mobility Project Scoring- Project Overview

## Project A : Widen Existing Interstate

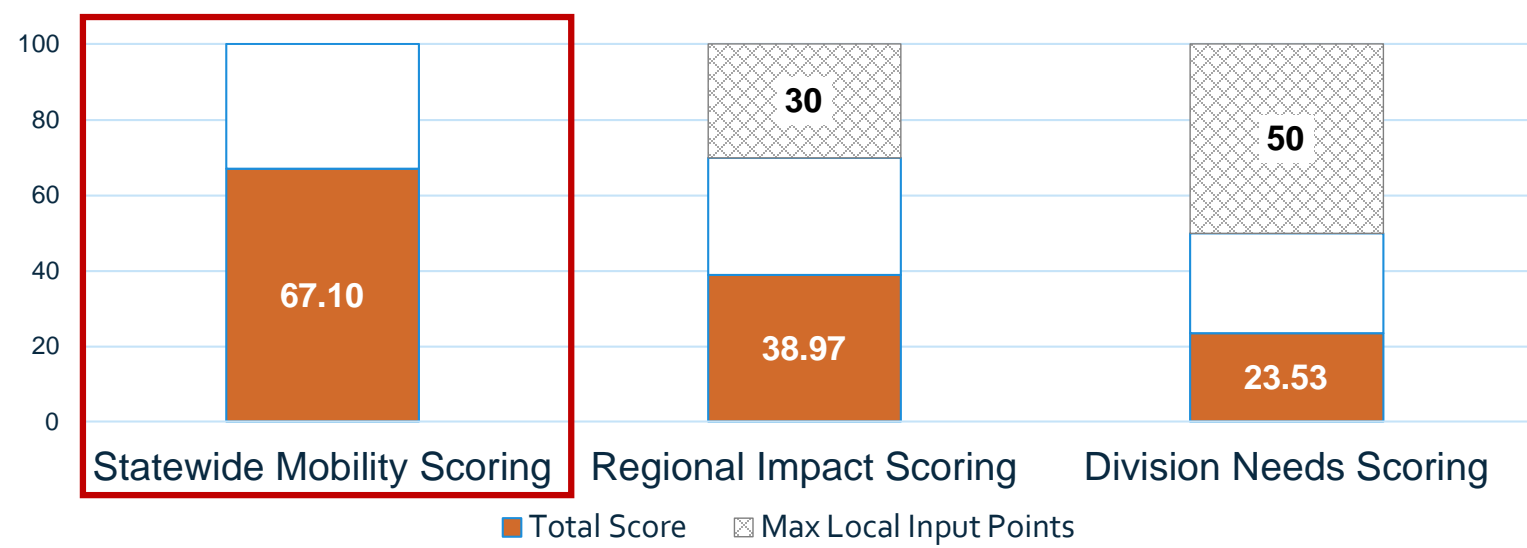
SIT	1 – Widen Existing Roadway
Eligible Category:	Statewide Mobility
Project Cost:	\$400 M

### Quantitative Score

SW	REG	DIV
67.10	38.97	23.53

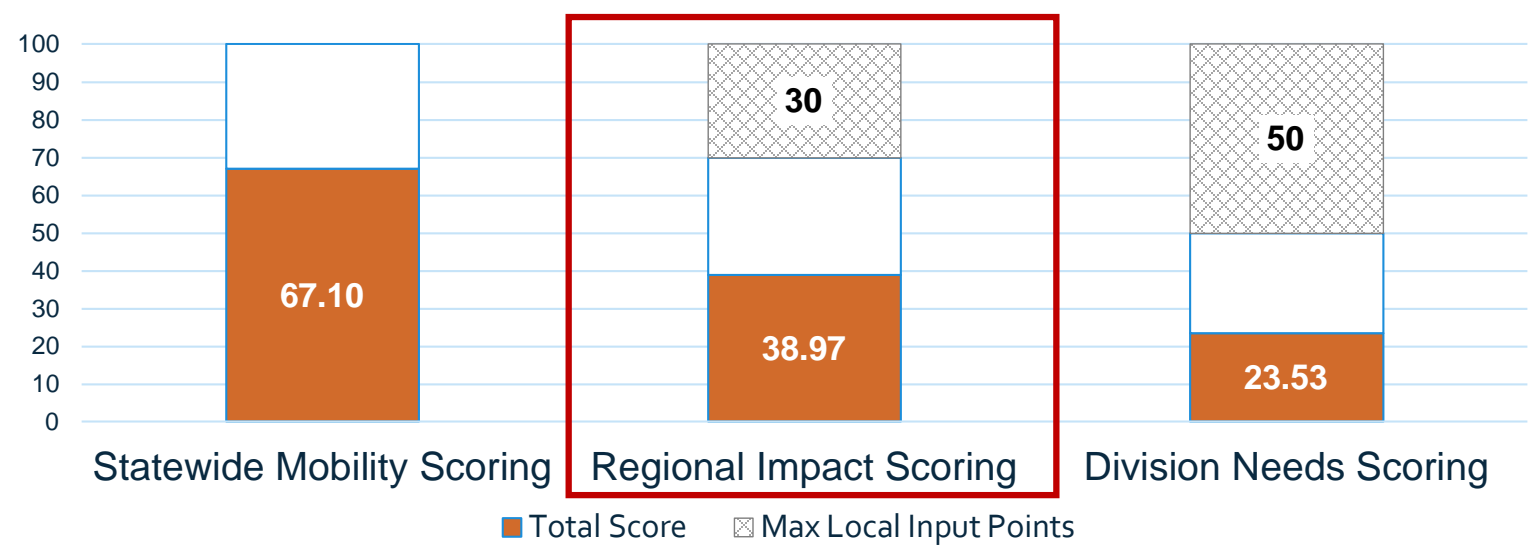


# Example Highway Mobility Project Scoring – Statewide Mobility



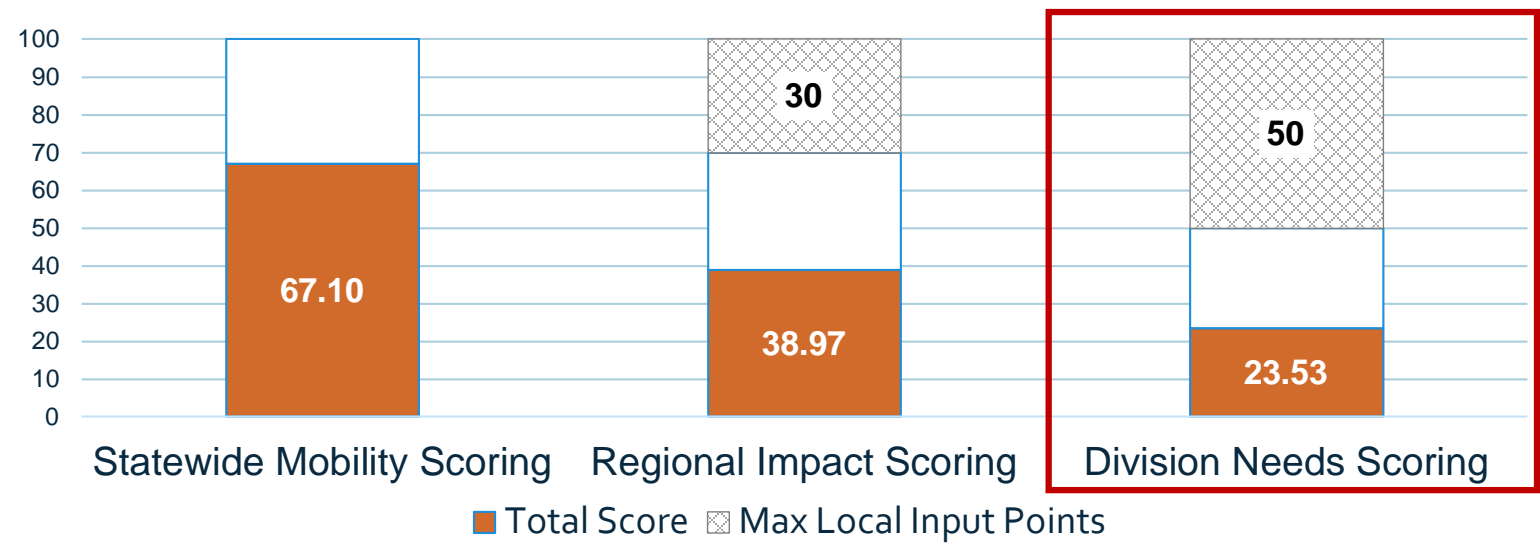
Criteria	Percentage	Scaled Value	Score
Congestion	30%	67.76	20.33
Benefit-Cost	25%	29.85	7.46
Safety	10%	60.84	6.08
Economic Competiveness	10%	85.50	8.55
Freight	25%	98.70	24.68
Statewide Mobility Score TOTAL			67.10

# Example Highway Mobility Project Scoring – Regional Impact



Criteria	Percentage	Scaled Value	Score
Congestion	20%	60.41	12.08
Benefit/Cost	20%	29.85	5.97
Safety	10%	60.84	6.08
Accessibility / Connectivity	10%	49.59	4.96
Freight	10%	98.70	9.87
Local Input Points - Division	15%	Max 100	Max 15
Local Input Points- MPO/RPO	15%	Max 100	Max 15
Regional Impact Score TOTAL			38.97

# Example Highway Mobility Project Scoring – Division Needs



Criteria	Percentage	Scaled Value	Score
Congestion	15%	53.06	7.96
Benefit/Cost	15%	26.45	3.97
Safety	10%	60.84	9.13
Accessibility / Connectivity	15% <sup>1</sup>	49.59	2.48
Freight	0% <sup>1</sup>	98.70	0.00
Local Input Points - Division	25%	Max 100	Max 25
Local Input Points- MPO/RPO	25%	Max 100	Max 25
Division Needs Score TOTAL			23.53

<sup>1</sup> Area Specific Weights

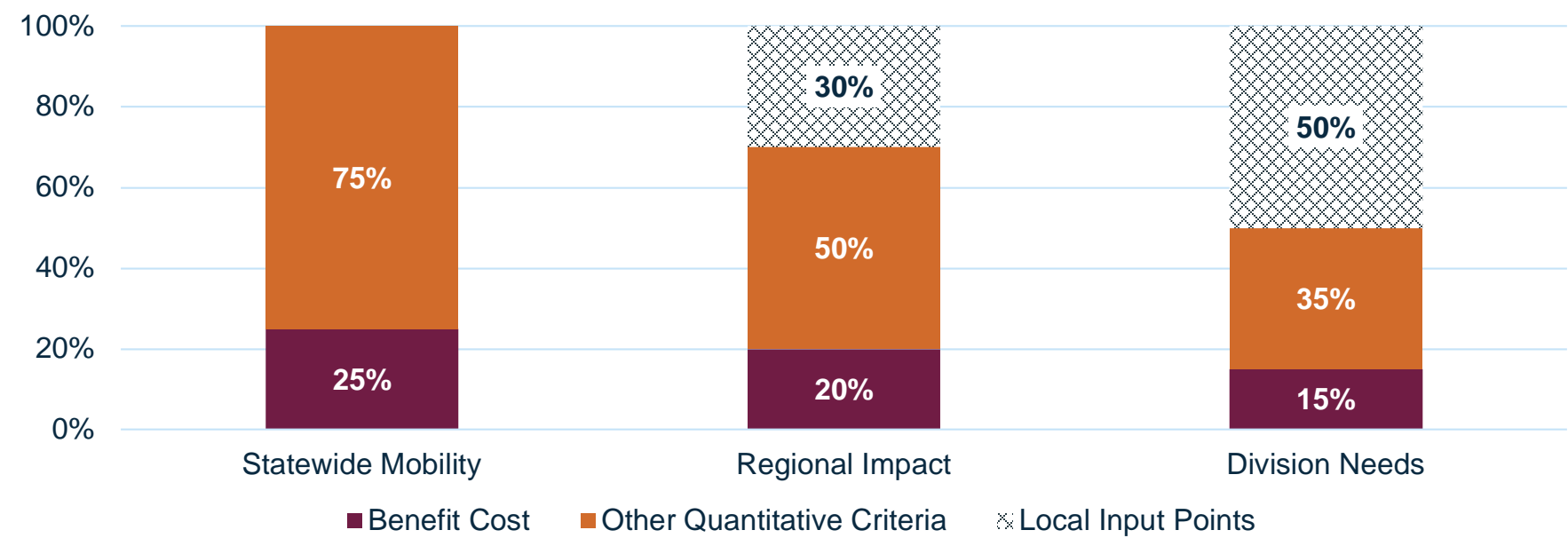
# Cost Impacts in Scoring

---

# Estimated Project Cost: Impacts on Scoring

## Highways Mobility Projects: Benefit/Cost Criteria

$$\frac{[Benefit\ TTS] + [Benefit\ Safety]}{[Project\ Cost]} + \frac{[Other\ Funds]}{[Project\ Cost]}$$



# Cost Impact: Project Level Analysis

## Project A : Widen Existing Interstate

SIT : 1 – Widen Existing Roadway

Eligible Category : Statewide Mobility

### Initial Project

Initial Project Cost:	\$400 M
-----------------------	---------

### Quantitative Score

SW	REG	DIV
67.10	38.97	23.53

Statewide Mobility				
Cong	B/C	Safety	Freight	Econ
67.76	29.85	60.84	98.70	85.50

### Scenario: Project Cost x 2

Scenario Project Cost:	\$800 M
------------------------	---------

### Quantitative Score

SW	REG	DIV
63.67	36.22	22.34

Statewide Mobility				
Cong	B/C	Safety	Freight	Econ
67.76	16.14	60.84	98.70	85.50

# Cost Impact: Project Level Analysis

## Project B : Upgrade Corridor

SIT : 2 - Upgrade Arterial to Freeway

Eligible Category : Statewide Mobility

### Initial Project

Initial Project Cost:	\$550 M
-----------------------	---------

### Quantitative Score

SW	REG	DIV
66.92	45.52	38.20

Statewide Mobility				
Cong	B/C	Safety	Freight	Econ
84.88	60.39	84.11	44.98	67.07

### Scenario: Project Cost x 2

Scenario Project Cost:	\$1.1 B
------------------------	---------

### Quantitative Score

SW	REG	DIV
60.86	40.66	35.03

Statewide Mobility				
Cong	B/C	Safety	Freight	Econ
84.88	36.12	84.11	44.98	67.07

# Cost Impact: Project Level Analysis

## Project A: Widen Existing Interstate

	SW	REG	DIV
Initial	67.10	38.97	23.53
Increased Cost Scenario	63.67	36.22	22.34
% Change	(-5.11%)	(-7.05%)	(-5.04%)

Statewide Mobility				
Cong	B/C	Safety	Freight	Econ
67.76	29.85	60.84	98.70	85.50
16.14				

  
Scores very well in Freight & Economic Competitiveness

## Project B : Upgrade Corridor

	SW	REG	DIV
Initial	66.92	45.52	38.20
Increased Cost Scenario	60.86	40.66	35.03
% Change	(-9.1%)	(-10.7%)	(-8.3%)

Statewide Mobility				
Cong	B/C	Safety	Freight	Econ
84.88	60.39	84.11	44.98	67.07
36.12				



# Handouts and Discussion

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# Informational Handouts

## BOT Members will receive:

- Example project scoring utilizing P6.0 methodology
- SPOT Process Overview materials
- P6.0 Scoring Criteria weights (all modes)

## Action Items:

- Solicitation of Topics and Methodology Feedback for Workgroup

# Open Discussion

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# **STRATEGIC TRANSPORTATION INVESTMENTS**

*Smart decisions to keep North Carolina moving.*

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Strategic Prioritization Office of Transportation (SPOT)

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



## ADVANCED TECHNOLOGIES COMMITTEE MEETING MINUTES

DATE: March 9, 2022

TIME: 2:30 PM

LOCATION: Joint Force Headquarters &  
Microsoft Teams

MEETING CALLED BY	Vice-Chairman Wells
BOARD ATTENDEES	Chairman Landon Zimmer, Vice-Chairman Andy Wells, Billy Clarke, Dirk Cody, Tony Lathrop, Chuck McGrady, Pat Molamphy,

### AGENDA TOPICS

1. Call to Order, Roll Call, Declaration of Quorum, Non-Conflict Statement and Consideration of the February 2, 2022 Meeting Minutes – Vice-Chairman Wells	
DISCUSSION SUMMARY	<p>Vice-Chairman Wells stated for members that given the circumstances surrounding COVID-19 and the change in law related to public meetings, the meeting will include the following:</p> <ul style="list-style-type: none"><li>• <i>implementing a roll call voting system for all actions</i></li><li>• <i>ensuring that the meeting minutes of the remote meeting reflect that the meeting was conducted by use of simultaneous communication, denoting the name of members participating by simultaneous communication, and recording when members join or leave the remote meeting</i></li></ul> <p>Additionally, Vice-Chairman Wells stated that he would like to take this time to also remind members that all chats, instant messages, texts, or other written communications between members of the Board regarding the transaction of the public business during this remote meeting are deemed a public record</p> <p>Vice-Chairman Wells called the meeting to order, conducted a roll call of members present, and declared a quorum was present.</p> <p>Vice-Chairman Wells read the non-conflict/ethics statement and asked if there were any known conflicts or appearances of conflicts of interest.</p> <p>Vice-Chairman 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 February 2, 2022 meeting be approved as submitted.</p>
ACTIONS TAKEN	<p>Vice-Chairman Wells asked for a motion to approve the February 2, 2022 meeting minutes.</p> <p>Board member Clark made the motion to approve the minutes and Board member McGrady provided the second.</p> <p>Vice-Chairman Wells took a roll call vote. Members Chairman Landon Zimmer, Vice-Chairman Andy Wells, Billy Clarke, Chuck McGrady, Dirk Cody,</p>



## ADVANCED TECHNOLOGIES COMMITTEE MEETING MINUTES

	Pat Molamphy, Tony Lathrop individually voted in favor of approving the minutes and the February 2, 2022 minutes were approved unanimously.
<b>2. The Future of Road Usage Charge – Sahas Katta, CEO, Smart Car</b>	
<b>DISCUSSION SUMMARY</b>	<p>Introduced by NC Turnpike Authority Executive Director JJ Eden, Sahas Katta, Smart Car CEO provided the committee with a presentation on the future of Road Usage Charge.</p> <p>The presentation included highlights on</p> <ul style="list-style-type: none"> <li>• Hardware Based Solutions</li> <li>• Software Based Solutions</li> <li>• Embedded Telematics explanation</li> <li>• SmartCar's involvement with eMovis</li> </ul>
<b>ACTIONS TAKEN</b>	None Taken
<b>3. Other Discussion</b>	
<b>DISCUSSION SUMMARY</b>	Vice-Chairman Wells opened the floor for additional discussion.
<b>ACTIONS TAKEN</b>	None Taken
<b>4. Adjournment</b>	
<b>ACTIONS TAKEN</b>	<p>Vice-Chairman Wells asked for a motion to adjourn the March 9, 2022, meeting.</p> <p>Board member Clarke made the motion to adjourn the meeting and Board member Cody provided the second.</p> <p>Vice-Chairman Wells took a roll call vote. Members Chairman Landon Zimmer, Vice-Chairman Andy Wells, Billy Clarke, Chuck McGrady, Dirk Cody, Pat Molamphy, Tony Lathrop individually voted in favor of adjourning the meeting. The meeting was adjourned unanimously.</p>



## ADVANCED TECHNOLOGY COMMITTEE MEETING AGENDA

### BOARD OF TRANSPORTATION WEDNESDAY AUGUST 10, 2022

**TIME:** Immediately Following the Work Session

**LOCATION:** NC DEPARTMENT OF TRANSPORTATION HIGHWAY BUILDING  
ROOM 150

**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 March 9, 2022, Meeting Minutes	Andy Wells, Vice Chair	2:30 PM
Opening Remarks	Andy Wells, Vice Chair	2:40 PM
Introduction	JJ Eden NC Turnpike Authority Executive Director	2:50 PM



## ADVANCED TECHNOLOGY COMMITTEE MEETING AGENDA

Improving Safety, Mobility & Equitable MBUF through Connected Vehicle Data Analytics & Insights	<p>Craig Smith Executive V.P. Sales WEJO</p> <p>Carl Novelli Assistant V.P. Public Sector WEJO</p> <p>Bethany Haslam Senior Business Development Manager Public Sector WEJO</p>	
Other Discussion	Andy Wells, Vice Chair	3:00 PM
Adjourn	Andy Wells, Vice Chair	3:15 PM



An aerial photograph of a city skyline, likely Atlanta, Georgia, featuring several prominent skyscrapers and a construction crane. The sky is blue with scattered white clouds. A horizontal yellow line is drawn across the middle of the image, partially obscured by the text.

# Improving Safety, Mobility & Equitable MBUF through Connected Vehicle Data Analytics & Insights

[www.wejo.com](http://www.wejo.com)



# Agenda

Wejo and “Connected Vehicle Data”

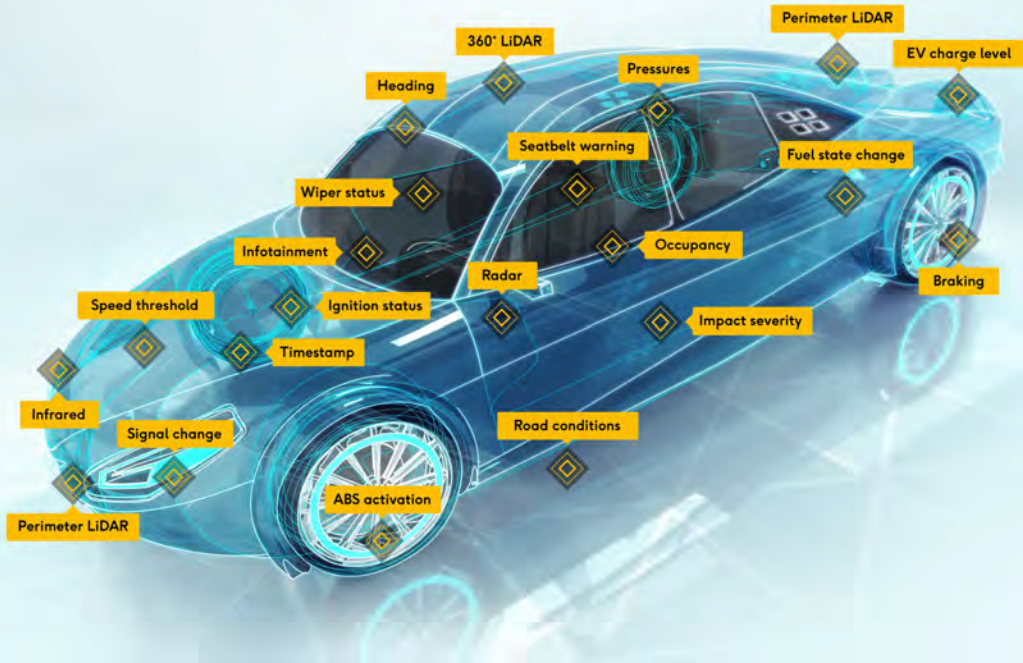
What this means for Safety & Mobility in  
North Carolina

How can Wejo support MBUF Initiatives

The future of Connected Vehicles



# AV, EV & Connected Vehicle Data



Wejo collects more data per day than  
the New York Stock Exchange



## WEJO MULTI-OEM DATA SUPPLY

16.4 BILLION

DATA POINTS INGESTED PER DAY

507 BILLION

MILES CURATED

8.1 PETABYTES

DATA INGESTED

62.6 BILLION

JOURNEYS

462 THOUSAND

DATA POINTS INGESTED PER SECOND

72.7 MILLION

JOURNEYS PER DAY

## wejo At a Glance

DATA POINTS  
INGESTED

13.2  
TRILLION+

CONTINENTS

4

PENDING AND  
GRANTED PATENTS

33+1

VEHICLES LIVE  
ON US PLATFORM

12+  
MILLION

OEMS, TIER 1s  
AND FLEET

22

Wejo is committed to the highest standards of data security and privacy protection

Wejo's Connected Vehicle Data is de-identified and anonymized to ensure no Personally Identifiable Information (PII) is revealed.

Data is treated fully in accordance with consumers' consent

Consent obtained by the Original Equipment Manufacturer (OEM)





# How is Connected Vehicle Data different?



## CVD Statistics:

Location accuracy of 6 decimal places

Breadcrumb trail trajectory  
O-D analysis

Sample rate of every 1-3 seconds

Harsh Braking, Acceleration,  
Seat Belt Latch, Seat  
Occupancy

Near-real time feed of under  
60 seconds.

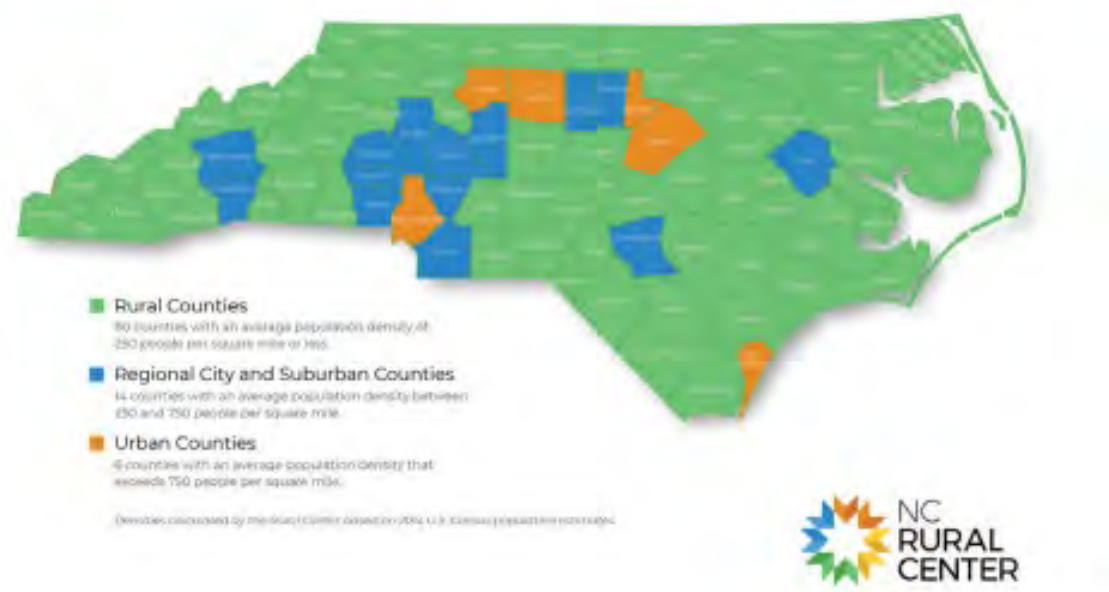
Access to Vehicle Body & Fuel  
type

Access to VMT

Less post-processing

# North Carolina Statistics:

Figure 2: North Carolina Counties by Population Density



Active Organizations using Wejo Data in NC:

North Carolina Turnpike Authority

North Carolina State University

Some key transportation issues in NC:

Rural Transportation

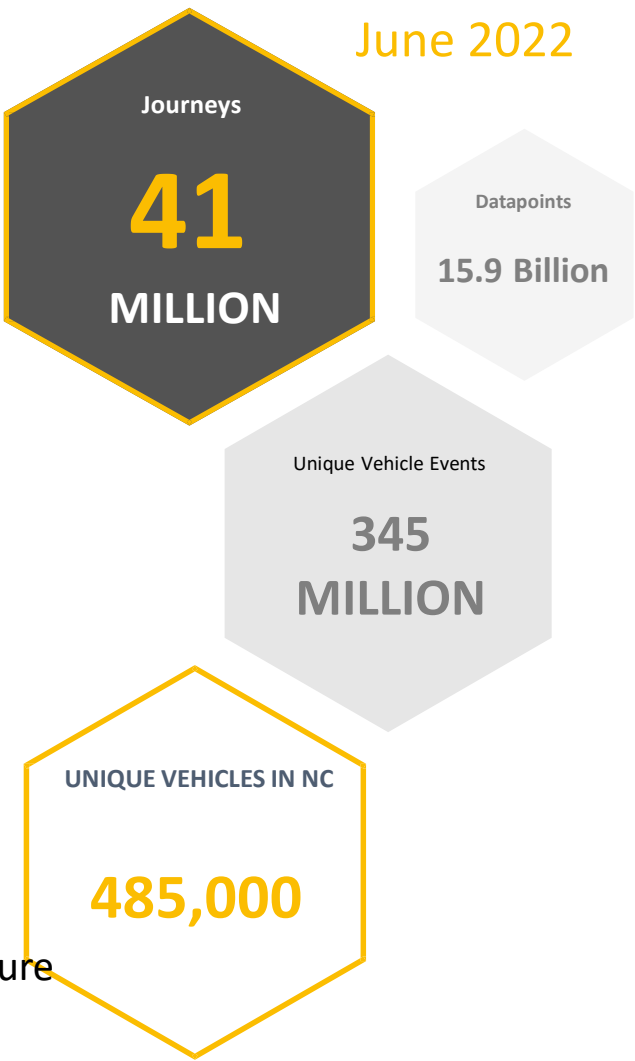
Road & Bridge Safety

Strategic Highway Connectivity

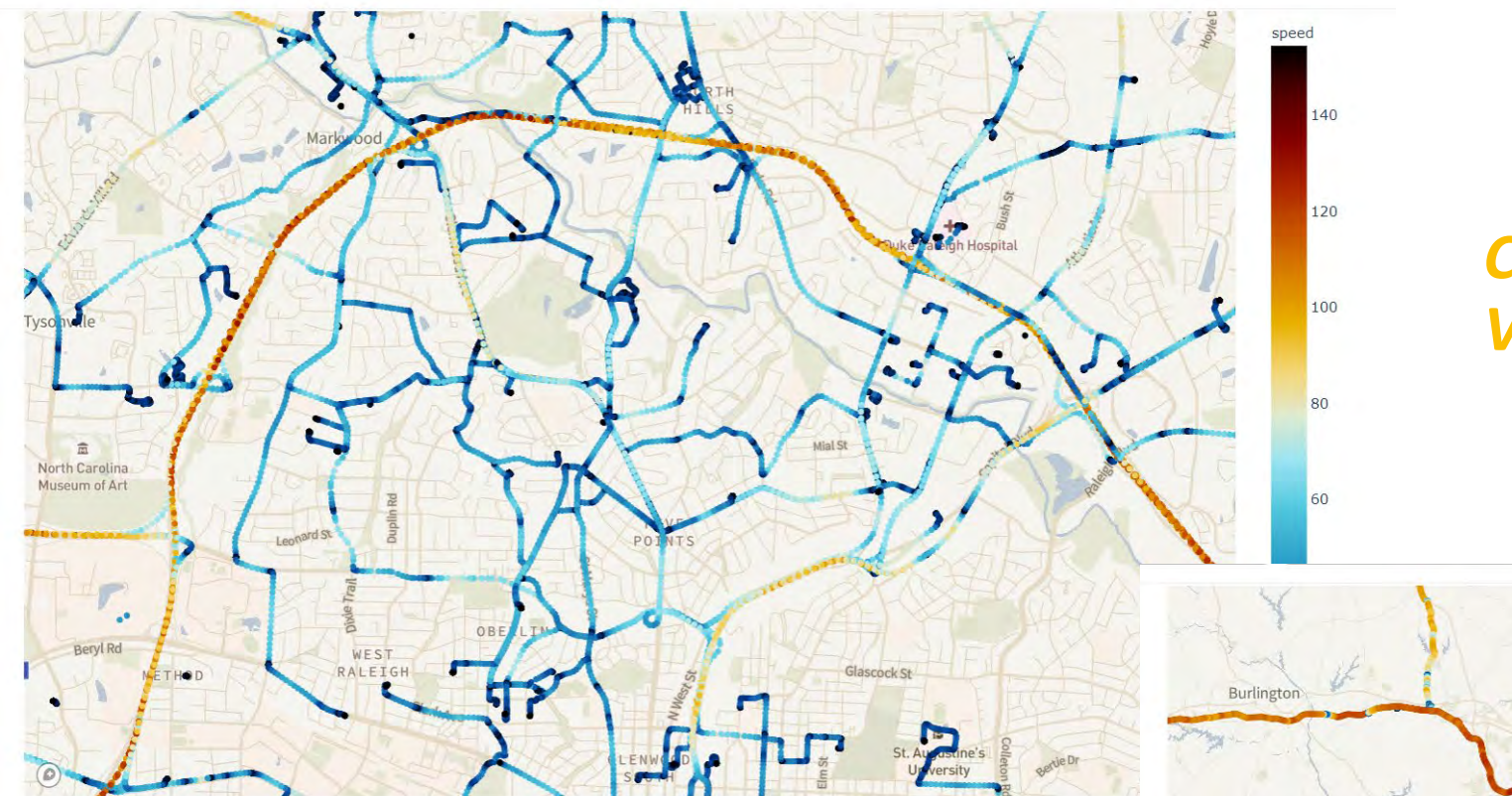
Preservation of Infrastructure



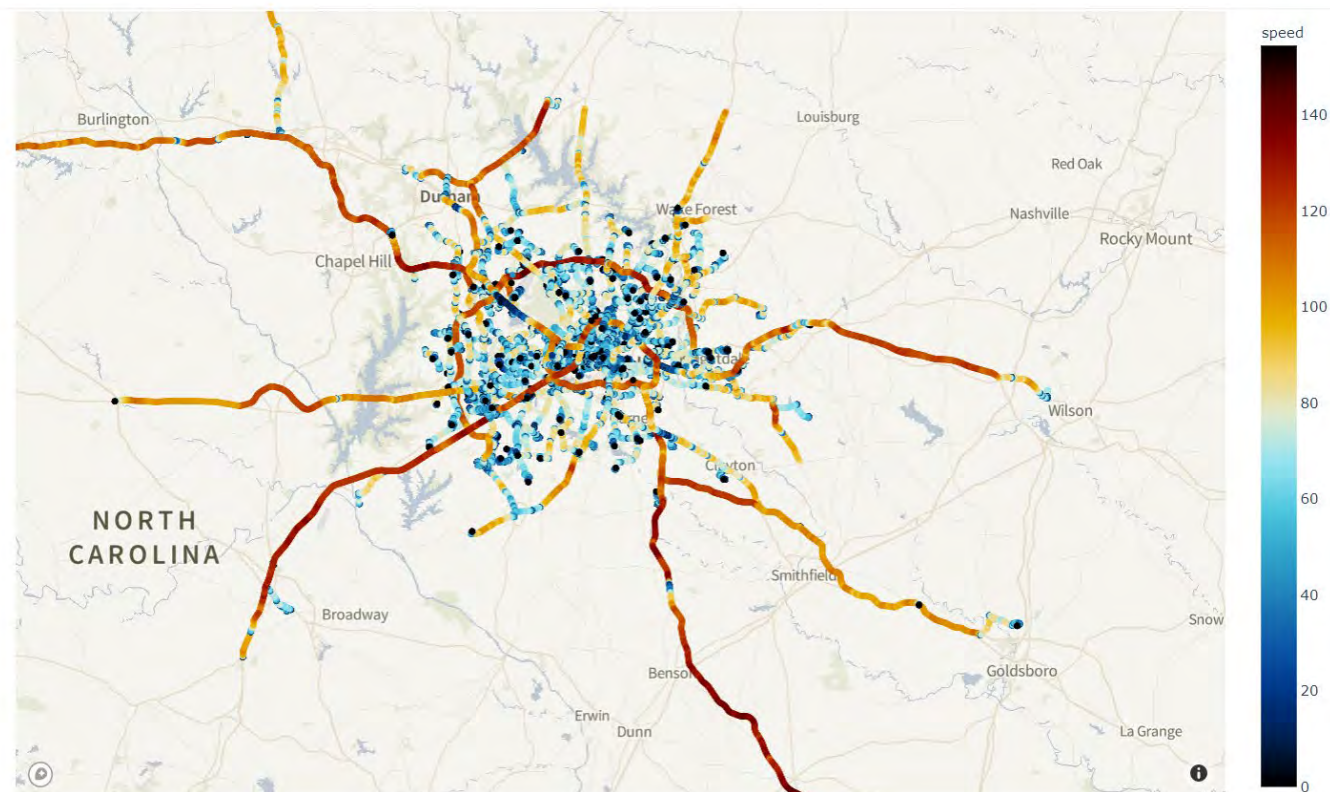
North Carolina  
June 2022



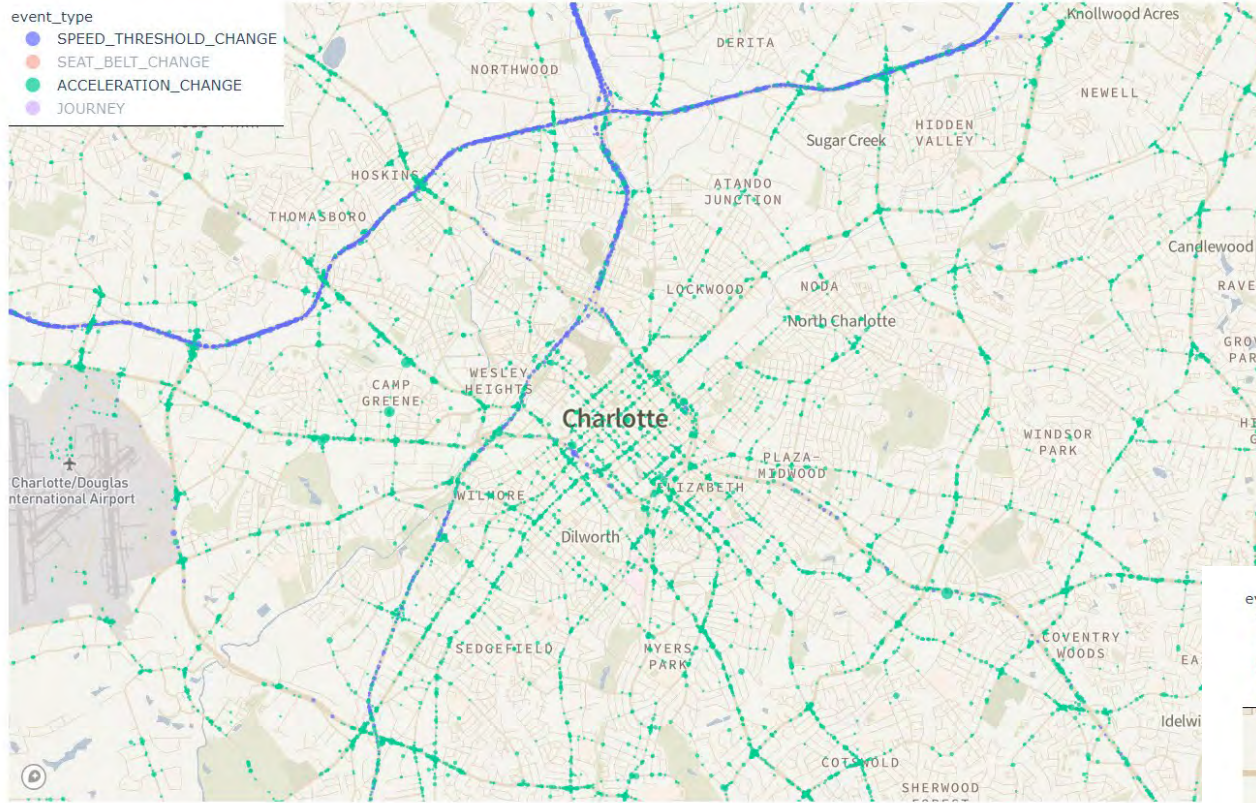




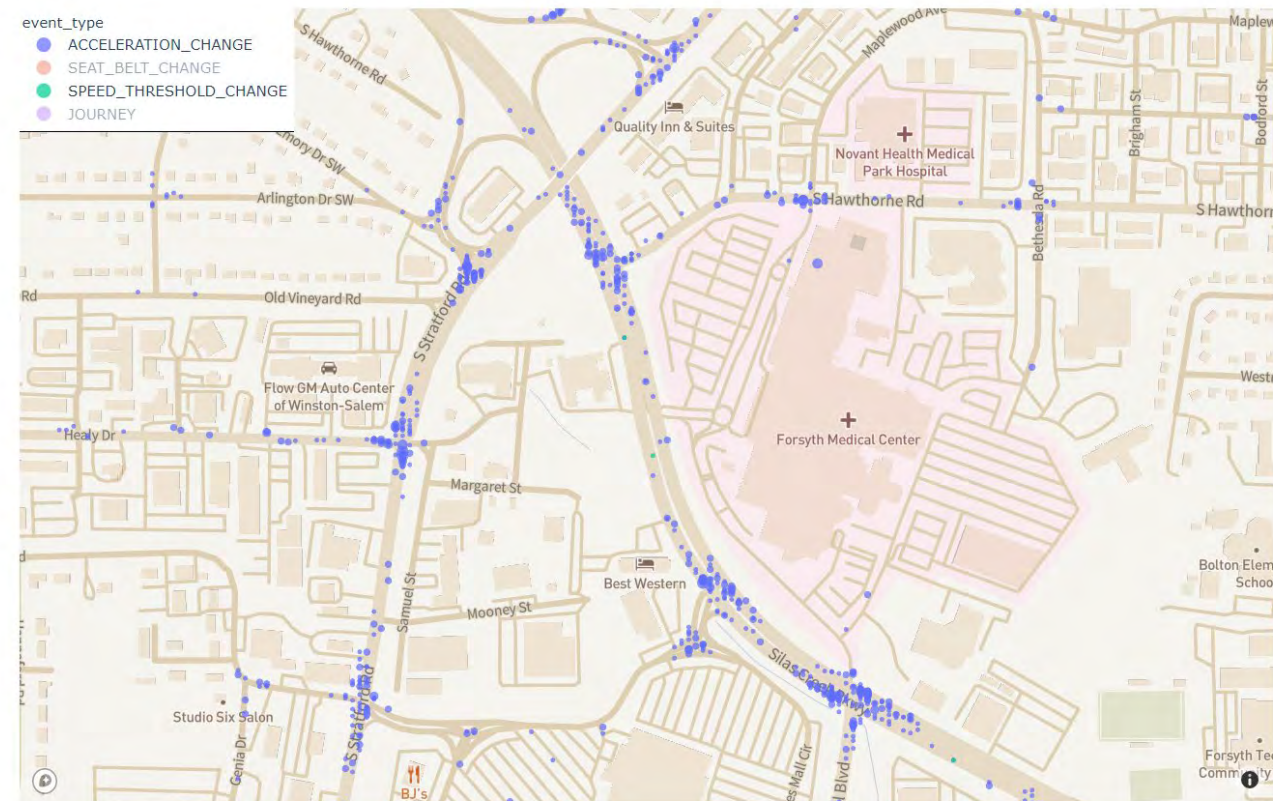
*City of Raleigh – 06/04/2022*  
*Vehicle Journeys: 109,129*







## Driving Events in key cities in North Carolina: Charlotte & Winston-Salem







Harsh Braking & Acceleration on Interstate 85, Charlotte, NC



Harsh braking



Harsh Acceleration



Harsh Braking & Acceleration on intersection Poole and New Hope Roads in Southeast Raleigh



Harsh braking



Harsh Acceleration

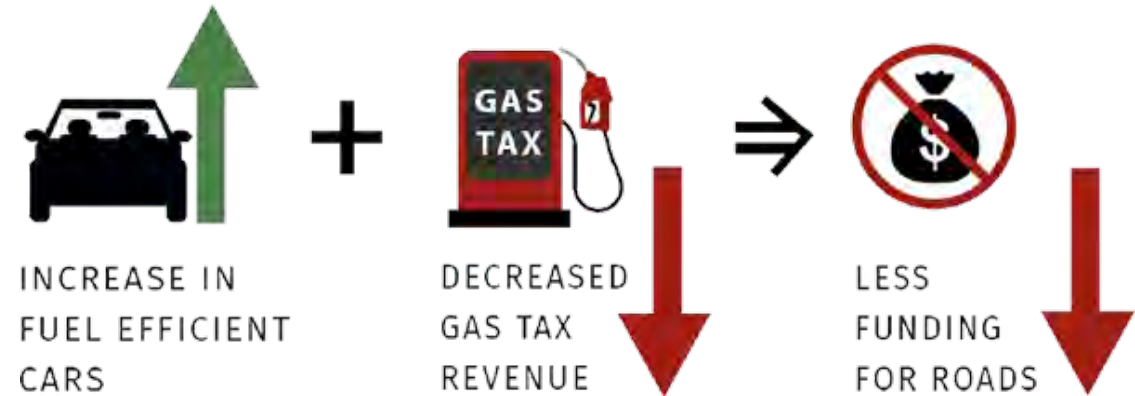
*Harsh Breaking Data –  
Identifying Potential Accident  
hotspots in Work Zones*



# How can Wejo support MBUF Initiatives?

*As traditional revenues such as gas taxes continue to decline, States across America are working to bridge the gap with forward-thinking solutions.*

- The rise of Mileage Based User Fee (MBUF) and Vehicle Miles Travelled (VMT) based models are growing in traction as the introduction of electric vehicles grows in momentum across the US.
- With access to unique metrics such as VMT, Body Type & Fuel Type from Wejo Data, North Carolina will have access to insights, allowing them to understand the impact of MBUF initiatives.
- Wejo has data which will be key to monitoring a MBUF program. We will be working very closely with our OEM partners over the course of the coming years to help aid initiatives relating to privacy & compliance.



# Conclusions

Big Data is already here

Connected Vehicle Data will be vital for  
MBUF initiatives

Already making impacts: save lives, improve  
transportation and the ecosystem

Be one step ahead

**wejo**







**wejo**

**Thank you**  
[www.wejo.com](http://www.wejo.com)





# NC DMV COMMITTEE MEETING MINUTES

DATE: 5/4/2022 TIME: 9:59 – 10:40 AM LOCATION: EIC Room

MEETING CALLED BY	Billy Clarke
BOARD ATTENDEES	Billy Clarke, Melvin Mitchell, Lisa Mathis, Allen Moran, Valerie Jordan, Tony Lathrop, Chuck McGrady, Pat Molamphy Absent: Cullie Tarleton

## AGENDA TOPICS

1. CALL TO ORDER BILLY CLARKE	
DISCUSSION SUMMARY	Roll Call Declaration of Quorum Approval of previous meeting minutes
ACTIONS TAKEN	Approval of previous minutes by Melvin Mitchell, seconded by Chuck McGrady.

2. Revenue Stream Presentation Marvin Shelton, Director of Business Operations	
DISCUSSION SUMMARY	<ul style="list-style-type: none"><li>• Introduction of Marvin Shelton, Director of Business Operations</li><li>• PPT Presentation</li><li>• Sources of Revenue for NCDMV (Driver License Fees, Vehicle Fees, Highway Trust Fund Fees, Other Taxes &amp; Fees, Hearings Fees)</li><li>• 3 million in Electric Vehicle Fees collected up to March 2022</li><li>• Quadrennial Adjustments Overview</li></ul>
ACTIONS TAKEN	<ul style="list-style-type: none"><li>• No actions taken</li></ul>

3. FINAL WORDS / ADJOURN BILLY CLARKE	
DISCUSSION SUMMARY	<ul style="list-style-type: none"><li>• Meeting adjourned 10:44 AM</li><li>• Motion to Adjourn Pat Molamphy, second by Chuck McGrady.</li></ul>
ACTIONS TAKEN	<ul style="list-style-type: none"><li>• No actions taken</li></ul>



# NC DMV COMMITTEE MEETING MINUTES





## DMV COMMITTEE MEETING AGENDA

### BOARD OF TRANSPORTATION SEPTEMBER 7<sup>TH</sup>, 2022

**TIME: IMMEDIATELY FOLLOWING THE WORK SESSION**

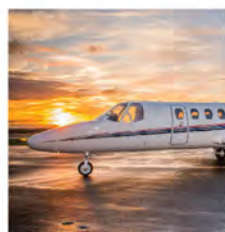
**LOCATION: Room 150 OR MICROSOFT TEAMS MEETING**

TOPIC	PRESENTER	TIME
Welcome Call to Order Roll Call Declaration of Quorum Approval of (Insert Date) Meeting Minutes	Billy Clarke, Chair	5 Mins
Opening remarks, Introduction of Director Mike Newsome	Commissioner Wayne Goodwin, Committee Member	3 Mins
Peak Season Update Presentation	Mike Newsome	25 Mins
Answer Questions	Mike Newsome	10 Mins
Other Discussion	Billy Clarke, Chair	10 Mins
Adjourn	Billy Clarke, Chair	1 Min



## **NORTH CAROLINA**

Department of Transportation



# Peak Season Update

Director Michael Newsome

September 2022

# Agenda

- Peak Season Operational Review
- End of the State of Emergency – August 15, 2022
- COVID 19 Impacts
- Staffing Review
- Other Initiatives
- New Extended Hour Offices
- Summary

## Peak Season Operational Review

### Peak Season 2022 Operations

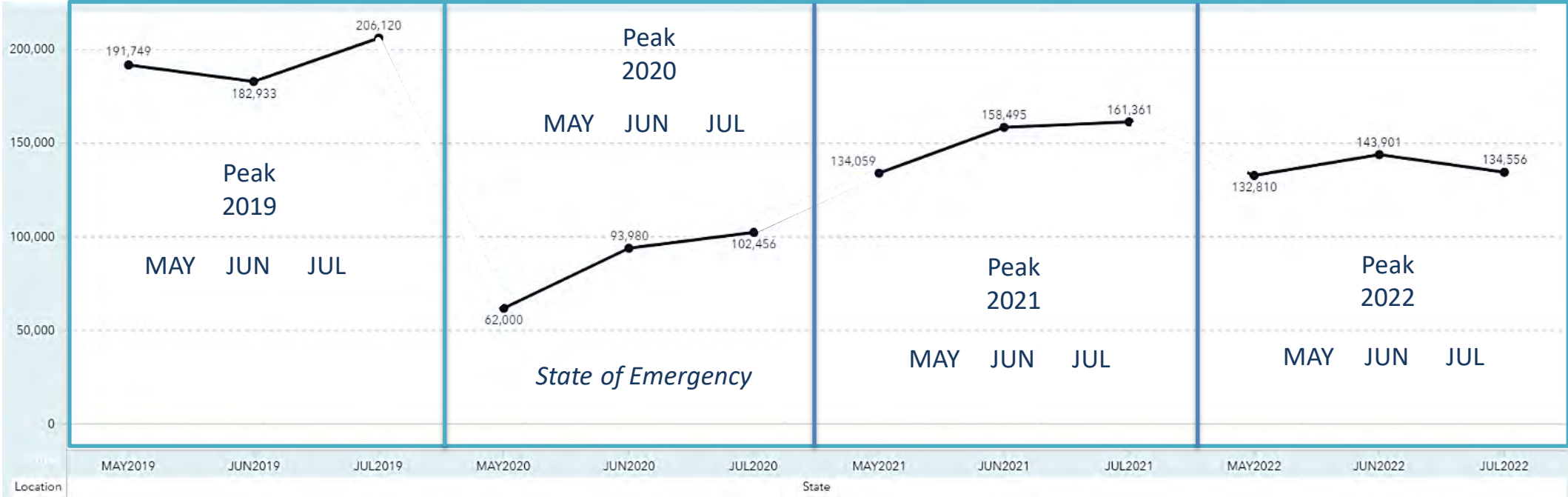
- 116 Opened DLOs
- Full DLO Services and On-site Testing
- Limited Online Services (renewal, duplicate DL & change of address)
- Extended Weekday Hour Operations at 25 DLOs (7am – 5pm)
- Saturday Hour Operations at 16 Offices (8am – 12pm) ends **AUG 27**
- Limited Homebound Visits
- In-person Interpreter Testing

### Post Peak Season 2022 Operations

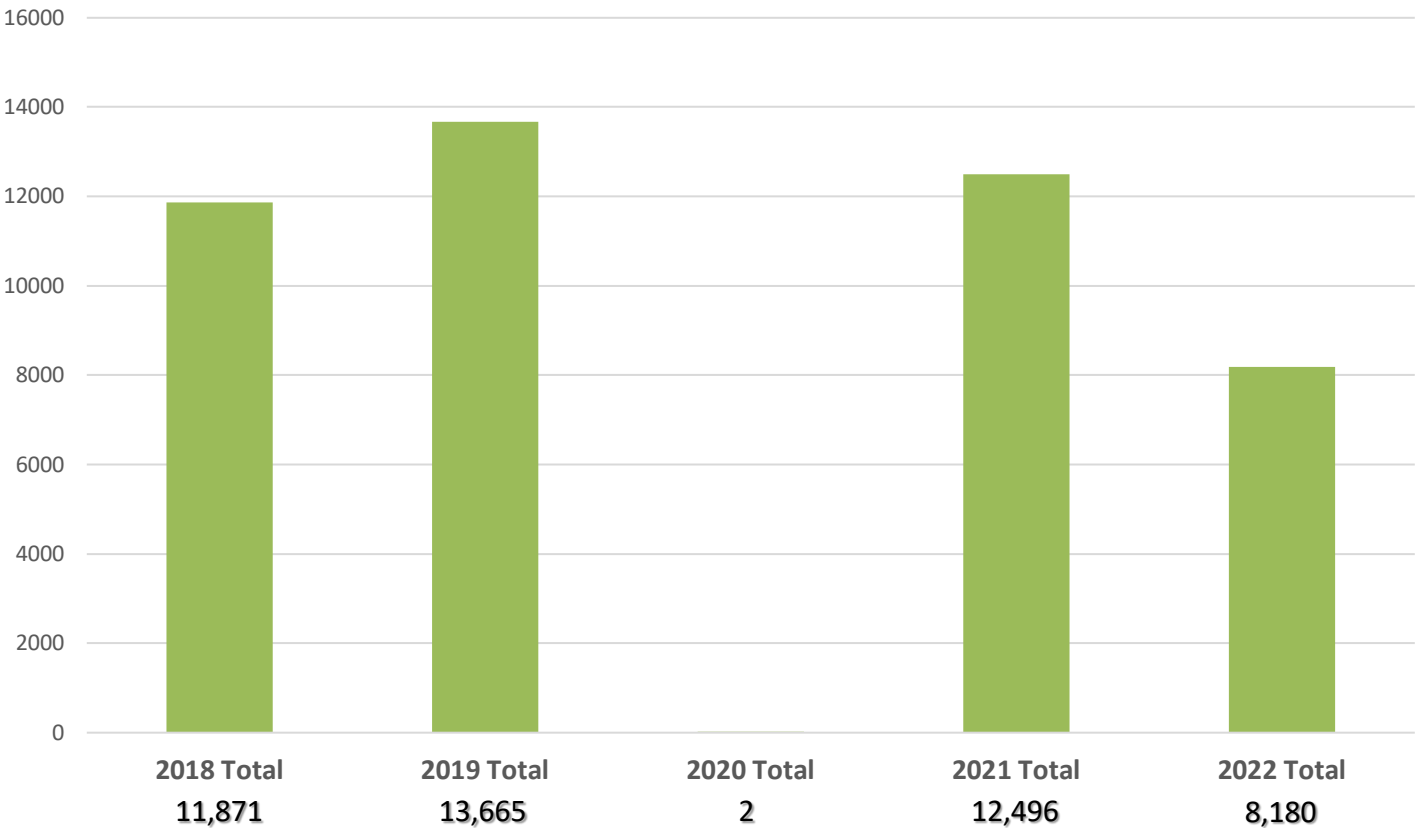
- 116 Opened DLOs
- Full DLO Services and On-site Testing
- Online Services (DL renewal, duplicate & change of address; **NCID renewal** and duplicate; **FPL to Class C**)
- Extended Weekday Hour Operations at 25 + **10 DLOs** (7am – 5pm) **SEP 6 Total 35 Offices**
- **Restored Homebound Application**
- Revised Interpreter Application for Limited English Proficiency and American Sign Language communities

# Total Number of Peak Seasonal Issuances

As of 8/8/2022



# Total Number of Saturday Issuances by Month MAY/JUN/JUL





## End of the State of Emergency – August 15, 2022

- Road Test Waivers will discontinue 30 days after the completion of the SOE (Sept 14)
- HB 650 DMV Omnibus bill extended the end date of Session Law 2021-24 to one more year through 31 Dec 2022. Level 1 drivers need only 6 months of driving for Level 2 eligibility through this date.
- Effective 1 Jan 2023, Level 1 drivers will require 12 months of driving for Level 2 eligibility in addition to all previous requirements.



## COVID-19 Impacts

- Resume full DLO occupancy capacity at all facilities.
- Continue to see positive COVID-19 cases, however, the severity of cases is much less than it was during this time last year per DMV Safety.
- DOT continues to stress that if an employee is not feeling well do not come to work, especially if any of the symptoms are the common COVID-like symptoms or fever.
- Wear of face covering are optional for employees and guests
- Continue with promoting regular hand washing with soap and water and/or appropriate hand sanitizer
- Continue to promote vaccination





# Staffing Review

Vacancy Percentage: **34.2%**

Operating Strength: **65.7%**

Location	Temps Assigned	# of Current Temps Vacancies	Perm Assigned	# of Current Perm Vacancies
District 1	9	8	57	10
District 2	10	9	72	5
District 3	45	37	110	22
District 4	9	5	71	16
District 5	15	14	65	11
District 6	40	34	145	42
District 7	14	14	48	16
Total	142	121	568	122

- ❖ Total Number of Examiners Authorized: **710**
- ❖ Total Number of Examiner Vacancies: **243**
- ❖ Total Number of Examiners working (*not including LOAs*): **467**

# Other Initiatives

- Q-Flow Cueing Application Upgrade
  - Includes Q-Anywhere Virtual Ticketing and Check-in features
- DMV Outreach initiatives for Special Interest Groups
  - Homeless; Commercial & School Bus Drivers; DPS Re-Entry
- DPS Offender Re-entry Program
- Revised Interpreter Assisted Transaction by providing an improved process with coordinating interpreter support
  - Limited English Proficient LEP
  - American Sign Language ASL

# Transition from Peak Season 2022

## September 2022

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
28	29	30	31	1	2	3
4	5	6  Adding 10 Extended DLO Implementation	7	8	9	10
11	12	13	14  Discontinue RT Waivers	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

Current Locations: 7am – 5pm; M-F

Office	County
Elizabeth City	Pasquotank County
Greenville	Pitt County
Jacksonville	Onslow County
Kinston	Lenoir County
Fayetteville West	Cumberland County
Wilmington North	New Hanover County
Wilmington South	New Hanover County
Cary	Wake County
Durham South	Durham County
Goldsboro	Wayne County
Raleigh North	Wake County
Raleigh West	Wake County
Wendell	Wake County
Carrboro	Orange County
Greensboro East	Guilford County
Greensboro West	Guilford County
Winston-Salem North	Forsyth County
Winston-Salem South	Forsyth County
Charlotte East	Mecklenburg County
Charlotte North	Mecklenburg County
Charlotte South	Mecklenburg County
Charlotte West	Mecklenburg County
Huntersville	Mecklenburg County
Monroe	Union County
Asheville	Buncombe County

New Locations: 7am – 5pm; M-F

Office	County
New Bern	Craven County
Fayetteville South	Cumberland County
Lumberton	Robeson County
Durham East	Durham County
High Point	Guilford County
Wentworth	Rockingham County
Lexington	Davidson County
Salisbury	Rowan County
Concord	Cabarrus County
Hickory	Catawba County



**Extended Hours!**



# Summary







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

DATE: 05/04/22

TIME: 10:00AM

LOCATION: Rm 350 / Microsoft TEAMS Meeting

MEETING CALLED BY	Thomas Taft, Chair
BOARD ATTENDEES	Stephen Rosenburgh, Andy Wells, Brad Lail, Dirk Cody, Grady Hunt, Hugh Overholt, Jerry Tillman

## AGENDA TOPICS

<b>1. CALL TO ORDER, ROLL CALL, DECLARATION OF QUORUM, NON-CONFLICT STATEMENT AND CONSIDERATION OF THE FEBRUARY 2, 2022, MEETING MINUTES - CHAIRMAN THOMAS TAFT</b>	
<b>DISCUSSION SUMMARY</b>	<p>Chair Taft called the meeting to order at approximately 10:03am on May 4, 2022. Chair Taft confirmed committee members attendance through roll call and declared a quorum.</p> <p>Chair Taft read the non-conflict/ethics statement and asked if there were any known conflicts or appearances of conflicts of interest.</p> <p>Chair Taft 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 February 2, 2022, meeting be approved as submitted.</p>
<b>ACTIONS TAKEN</b>	<p>Chair Taft asked for a motion to approve the February 2, 2022, meeting minutes.</p> <p>Board member Rosenburgh made a motion to approve the minutes and Board member Cody provided the second. The February 2, 2022, minutes were approved unanimously.</p>
<b>2. OPENING REMARKS – CHAIR THOMAS TAFT</b>	
<b>DISCUSSION SUMMARY</b>	Chair Taft welcomed everyone.
<b>ACTIONS TAKEN</b>	NONE TAKEN
<b>3. ECONOMIC UTILIZATION OF RIGHT OF WAY – CHRISTOPHER CHUNG, CEO - EDPNC</b>	
<b>DISCUSSION SUMMARY</b>	<p>A presentation on NCDOT's roll with infrastructure commitment in large Economic Development projects was presented by Christopher Chung, CEO of EDPNC.</p> <p>Highlights of the presentation included:</p> <ul style="list-style-type: none"><li>• EDPNC overview &amp; primary responsibilities<ul style="list-style-type: none"><li>– Business recruitment</li><li>– Existing industry support</li><li>– International trade</li></ul></li></ul>



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

	<ul style="list-style-type: none"> <li>– Small Business support</li> <li>– Travel &amp; Tourism</li> </ul> <ul style="list-style-type: none"> <li>• Activity levels during the pandemic</li> <li>• What matters to companies               <ul style="list-style-type: none"> <li>– Labor costs</li> <li>– Availability of skilled labor</li> <li>– Energy availability and costs</li> <li>– Inbound/outbound shipping costs</li> <li>– Highway accessibility</li> </ul> </li> <li>• Behind the scenes of a business recruitment deal</li> <li>• Headwinds and how NCDOT can help</li> </ul> <p>Q &amp; A followed presentation</p>
ACTIONS TAKEN	NONE TAKEN
4. ADJOURNMENT	
ACTIONS TAKEN	<p>Chair Taft asked for a motion to adjourn the May 4, 2022, meeting.</p> <p>Board member Hugh Overholt made the motion to adjourn the meeting and Board member Dirk Cody provided the second. The meeting was adjourned unanimously.</p>

Meeting adjourned at 10:59am



# ECONOMIC DEVELOPMENT AND INTERGOVERNMENTAL RELATIONS (EDIR) COMMITTEE MEETING AGENDA

## BOARD OF TRANSPORTATION SEPTEMBER 7, 2022

TIME: IMMEDIATELY FOLLOWING WORK SESSION; ESTIMATED 2:30PM – 3:30PM

LOCATION: ROOM EIC

**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 May 4, 2022 Meeting Minutes	Stephen Rosenburgh, Vice-Chair	2:30PM
Opening remarks	Stephen Rosenburgh, Vice-Chair	2:40PM
North Carolina Ports Overview	Brian Clark – Executive Director of NC Ports	2:45PM
Q&A / Other Discussion	Stephen Rosenburgh, Vice-Chair	3:15PM
Adjourn	Stephen Rosenburgh, Vice-Chair	3:30PM





# **North Carolina Ports Overview**

**Board of Transportation Economic Development and  
Intergovernmental Relations Committee  
September 7, 2022**

# North Carolina Ports Fast Facts

## **Two deep water terminals and one inland port serving the Carolinas**

- 5,000+ container gate moves per week
- 300,000 TEU annually
- 4.39M tons of general cargo per year
- 1000 ship calls annually

## **Financial summary – FY22**

- Annual revenue \$68 million
- Annual cash generation \$20+ million
- Profit \$3.7 million
- Directly employs 220 individuals

# Port of Wilmington

- Containers, bulk, breakbulk
- Roll-on/Roll-off
- 284 acres
- Navigation channel: 42 ft.
- Accommodate 1,200+ ft. LOA & 158 ft. beam vessels
- 1 million sq. ft. of covered storage and 125 acres of open storage



# Port of Morehead City

- Bulk, breakbulk and Ro/Ro
- 128 acres, plus an additional 150 acres on Radio Island
- Navigation channel: 45 ft.
- 9 Berths with 5,366 ft. of wharf frontage
- More than 1 million sq. ft. of storage space
- Rail served by Norfolk Southern





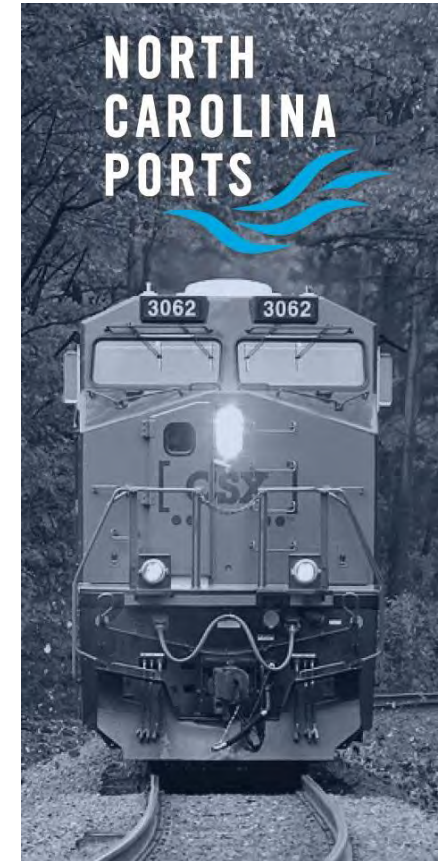
# Charlotte Inland Port

- 20 acres
- Accommodates 2,000 grounded/wheeled containers
- Serves as staging area for empty and loaded containers
- Serves I-85 & I-77 corridors
- Onsite maintenance & repair services



# Queen City Express

- Provides direct rail service moving double-stacked containers between the Port of Wilmington and Charlotte
- **Advantages:**
  - Lower transportation costs
  - Shortest direct rail service connecting Greater Charlotte Region
  - Shortens first and last mile transit
  - Reduces emissions
  - No dwell time at Port of Wilmington or Charlotte Inland Port (CIP)
  - Flexible staging and easy access at CIP



# Wilmington Midwest Express

- Announced November 2021
- Operated by CSX via Rocky Mount, NC Carolina Connector Intermodal Rail Facility
- Competitive rates, combined with no port congestion and no rail dwell making it the fastest ship-to-rail service on the East Coast



Import		
Chicago	→	5 days
NW Ohio	→	5 days
St. Louis	→	7 days

Export		
Chicago	→	4 days
NW Ohio	→	4 days
St. Louis	→	6 days

# Defining Performance Excellence

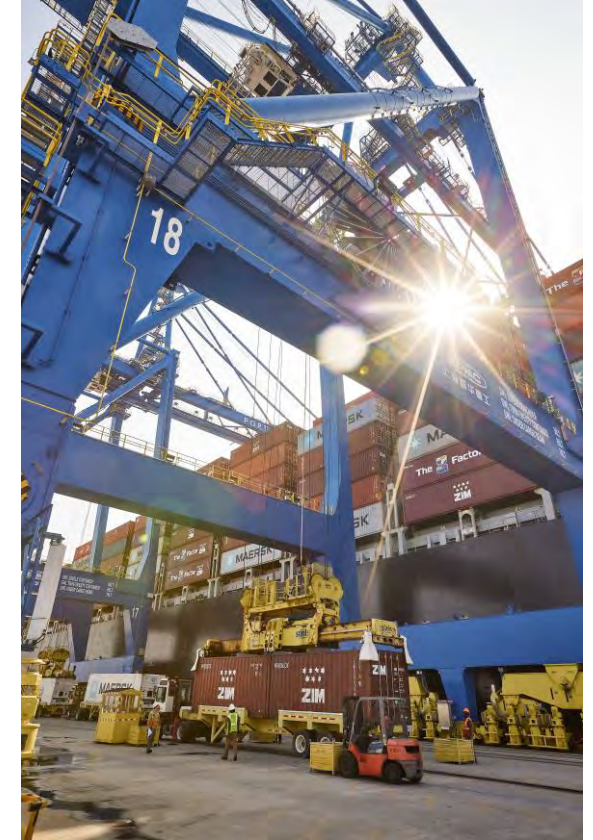
## 2021 Container Port Performance Index (CPPI)

- **#1** North America for ports under 500,000 TEUs annually
- **#4** North America
- **#49** Globally (out of 370 ports)

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## Metrics Driven

- Vessel productivity – **39** net moves per hour
- Gate productivity
  - Single turn – **22** minutes
  - Dual turn – **33** minutes





# Container Yard Expansion Master Plan

- Constructing to accommodate 1.2M TEU capacity
- Current yard utilization at 50%
- Completed work includes:
  - 3 neo-Panamax cranes
  - New South Gate Container Complex, incorporation of new TOS/GOS
  - Berth expansion



# South Gate Container Complex

- Opened in February 2022
- Features:
  - Increased inbound lanes for truck traffic to 7, outbound lanes to 6
  - RFID technology, weigh-in-motion scales, optical character recognition
  - New terminal and gate operating systems
  - Connectivity with Customer Access Portal (CAP)
  - New container operations building



# Refrigerated Container Yard



## Project Details

- \$14M
- 27 reefer racks
- 180 x 40' ground slots
- Currently has 760 fixed plugs (phase II will add 720 additional)
- New reefer service area

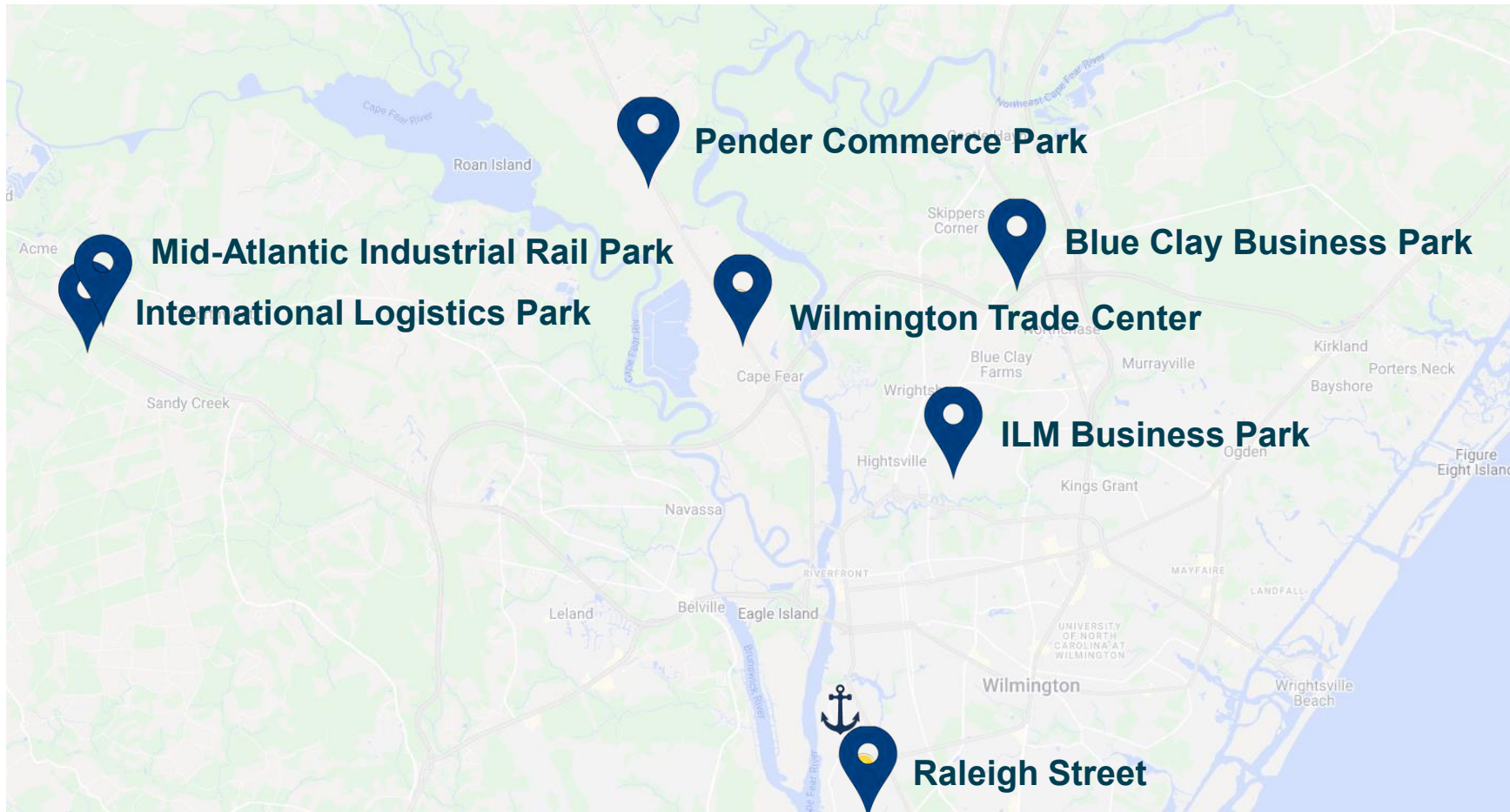


# Wilmington Harbor Navigation Improvement Project (WHNIP)

- The Wilmington Harbor Navigation Improvement Project is underway and additional environmental and impact studies have been initiated.
- As a part of this project, improvements will be made to the current post-Panamax container cranes.



# Cape Fear Industrial Sites



# State-Wide Economic Development Projects

NC Ports engaged in over 19 statewide economic development projects in FY22

## Major Projects:

1. VinFast – Electric vehicle manufacturing
  - \$4B+ / 7500+ Jobs- Container and Project Cargo
2. Toyota – Electric vehicle battery manufacturing
  - \$3.4B+ / 1750+ Jobs - Container and Project Cargo (Phase I)
3. Boom Supersonic – Aviation manufacturing
  - \$500M+ / 2400+ Jobs- Container and Project Cargo



# Cold Summit Development

## Project Details

- Announced August 2021
- Signed 30-year lease on NC Ports property less than 1-mile from Port of Wilmington
- Two Phase Project:
  - Phase I: 280,000 sq. ft. multi-suite cold storage facility
  - Phase II: additional 160,000 sq. ft. warehouse space





# Port City Logistics

## Project Details

- Announced August 2022
- \$16M
- Purchased NC Ports property less than 1-mile from Port of Wilmington
- 150,000 square-foot cross-dock warehouse space





# Looking Toward the Future

- Continued growth of cargo volumes
- Expand the global coverage of vessel services
- Engage and support state-wide economic development projects
- Develop the talent pipeline
- Build the NC Ports brand



*2202 Burnett Blvd., Wilmington, NC 28401 | 800-334-0682 | [ncports.com](http://ncports.com)*



# FINANCE COMMITTEE MEETING MINUTES

DATE: August 10, 2022 TIME: 10:45am LOCATION: Rm 150 (Board Room) Raleigh

MEETING CALLED BY	Chair Lathrop
BOARD ATTENDEES	Chair Tony Lathrop, Andy Wells, Brad Lail, Grady Hunt, Lisa Mathis, Stephen Rosenburgh, and Thomas Taft

## AGENDA TOPICS

1. Call to Order, Roll Call, Declaration of Quorum, Non-Conflict Statement and Consideration of the June 8, 2022, Meeting Minutes – Chair 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 June 8, 2022, meeting be approved as submitted.</p>
ACTIONS TAKEN	<p>Chair Lathrop asked for a motion to approve the June 8, 2022, meeting minutes. Board member Hunt made the motion to approve the minutes and Board member Rosenburgh provided the second.</p> <p>Chair Lathrop asked for a voice vote. All members voted in favor of approving the minutes and the June 8, 2022 minutes were approved unanimously.</p>
2. Financial Update, Stephanie King	
DISCUSSION SUMMARY	<p>Mrs. King started off by discussing the financial status for the 2022 SFY.</p> <p>Revenue is \$6.66B which is 1% less than the previous year and 2% less than the forecast. Expenses are \$6.3B which is over \$1.3B more than the previous fiscal year and 7% lower than forecast. NCDOT spent 93% of what was predicted for the year. Trust Fund expenses continue to lag due to industry issues (over 81% of June expenses were for construction contracts).</p> <p>August Redistribution request was submitted for \$213M, this will provide more billing authority. NCDOT was recently notified that its submittal can be revised to request more billing authority. We are working on getting this request out.</p> <p>Overall for the 2022 SFY we were stable and in close alignment with our forecasts. The books are closed for June.</p> <p>Our 2023 Budget has passed, this will help get the second year of the biennium ready. Overall Highway Fund appropriations increased by \$334.8M for a total of</p>



## FINANCE COMMITTEE MEETING MINUTES

\$2,938.2M. This is due to the revised consensus forecast & additional revenue from the Sales Tax. Highway Trust Fund appropriations increased by \$107.2M for a total of \$1,835.5M.

Currently we are going through "Budget Certification" with OSBM. Once a budget is passed it goes back to all primary governments to perform various budget and accounting entries so that the budget can be truly certified.

Regarding the Sales and Use Tax Transfer, the HF will receive \$193M for 2022-23; this is an estimate. Economic factors could impact the estimated amount. NCDOT and State Budget will be working together on these numbers.

Spend Plan Amendments – we are asking for the Board's consideration and approval at this board session for two particular items: the inclusion of Sales Tax revenue (\$193M) and the Time Limited Cost Escalation Adjustment (\$135M). Our team is currently working on a process with the restraints indicated in the legislation. In addition, we will be working on providing State Budget with a monthly report on this status, per their request.

Next month we will have a Spend Plan Amendment 2, which will have the adjusted Business Unit Action Plan with the new budget and retooling certain items that did not get spent in the last FY. We are asking the Board to consider this for approval next month so that our division engineers, modal, etc. will have more time to get this money to work.

Eagle Audit had no financial issues identified over our major classifications of our accounts. There were some minor IT items that were addressed.

The Annual Comprehensive Financial Report is underway. This is the biggest audit our agency goes through each year. We have a packet due to the State Controller's office at the end of August. The Auditors will audit this as well.

Ultimately this gets compiled in the Statewide financial statement, which rating agencies look at for Bond ratings.

This fall there will still be a Spend Plan performance audit required by session law. E&Y is working with us on documentation of an overall governance document that shows where we were, improvements we made, and what are plans are for the future. We will also have a Spend Plan Audit Response document, which will be finalized after SAS analytics has retooled its forecasting methodology. SAS indicated they will have a new version with the updated COVID adjustment to us by August 25<sup>th</sup>. This will allow us to forecast on the project level. We hope to have that by September 15<sup>th</sup>.

Looking at Revenues – for the month of June the variance to spend is at -1.6% and for the year it is -2.3%. June collections for MFT and HUT picked up from May with HF and HTF exceeding projections by 15.5% and 12.8%, respectively. The HF and HTF grew by ~4.5% or ~\$184M on a combined basis compared to SFY 2021.

Looking at Expenses – actuals were less than expected for June. However, maintenance was able to take advantage of good weather and got closer to their spend goal. Expenses for the entire fiscal year were -7.5% below our spend plan. Monthly variances were at -6.9% due to Rail's S-Line acquisition being delayed



## FINANCE COMMITTEE MEETING MINUTES

until SFY 2023 and issues with labor and materials shortages. Expenditures have increased 24.8% from the prior year. We are continuing to work with SAS on another forecast adjustment that will be tested in September.

We ended the year with 2.37B in cash. Cash on hand is about 137 days. Our open commitments are over \$8B; 71% of this is in construction. We started 48 new projects and closed out 52 projects for the month of June.

### Brief Budget Overview

Overall HF appropriations increased by \$334.8M, with \$193M generated from the Sales Tax transfer. The budget provides \$135M for cost escalations on existing contracts; \$33M more for GMR; \$25M for commercial services airports; funds for an economic liaison; and a 3.5% raise for all State Employees.

HTF appropriations increased by \$107M. The budget provides for a transfer of \$109M from the HF to the HTF for STIP/Right of Way (ROW) acquisitions and increases STI funding by \$106.9M.

Technical corrections are needed for the \$240K for the visitor centers; the language does not direct where the money needs to go. However, we do not expect to see a correction bill. But we are staying up to date on what is going on at the GA.

Denied Requests – we go through an expansion budget process, asking the business areas what they need which ultimately goes into the governor's budget. Our expansion items were not approved. We did not get an increase in mailing costs; ferry did not get a state match for IJA or for the US Coast Guard; and we did not get the 6 additional positions requested.

Areas of Concern – the budget directs over realized revenue in the HF to loan repayments in the amount of \$107.7M. This basically writes off over-realized revenue that could be used for the general maintenance reserve (GMR); NCDOT hopes to get this issue resolved in the next session.

Generally, at the end of the fiscal year, any additional money that comes in above the yearly budget (ex. admin money not used, money from inactive projects, etc.) goes into a pot in the HF that ultimately goes to GMR. There has been some confusion with the loan repayments from the HF to the HTF, so instead of the 107.7M going to GMR, it was effectively written off. As a result, the credit balance to the HF is only approximately \$12M. The HTF side received the full \$74.7M in credit balance. We hope to get a comprehensive packet together for the legislative members, so that we can provide them more information to hopefully correct this issue.

Mrs. King then showed slide 12. Based on June's ending balance, NCDOT has well over \$2.2B in the bank. Based on what we currently know there will be a downward trajectory with the lowest point being in December 2023 of about \$1.25B. This graph is calculating \$100M in August redistribution; this will adjust when we know the actual amount.

Total revenues and other receipts have been within 2% of projections. For the construction program there is a 10% variance, maintenance had a 1% variance



## FINANCE COMMITTEE MEETING MINUTES

	and modal had a 12% variance. Overall, we delivered 93% of what was in our Spend Plan; this is good considering all the various factors we had in play this year. This concludes Mrs. King's presentation.
<b>ACTIONS TAKEN</b>	NONE TAKEN
<b>3. FY23 &amp; FY24 Spend Plan, Michelle Overby</b>	
<b>DISCUSSION SUMMARY</b>	<p>Mrs. Overby started off discussing the first Spend Plan Amendment for the year.</p> <p>Amendment to Revenue - The total revenues will change from \$6.5B to \$6.7B, a difference of \$193M. This change is due to the sales tax revenue (SL 2022-74 section 42.3).</p> <p>Amendment to Expenditure – increased by \$135M due to the Time Limited Cost Escalation Adjustment per SL 2022-74 section 41.9. Vendors have 60 days to make claims as of July 11, 2022.</p> <p>For the SFY 2024 Spend Plan – the revenues will also change from \$6.4B to \$6.8B, or \$401M. This is also due to the sales tax revenue per SL 2022-74 section 42.3.</p> <p>Mrs. Overby then shows a graph charting what the changes look like from the Original Spend Plan to Amendment 1.</p> <p>A separate line item for the Sales Tax revenue was created for more visibility. We anticipate receiving these revenues quarterly and spread equally, starting in September.</p> <p>Mrs. Overby then concluded that there are no other recommended changes for the Spend Plan Amendment 1. However, we are getting a more detailed amendment (Amendment 2) out at the next FC/BOT meeting (September 7<sup>th</sup>) for approval.</p>
<b>ACTIONS TAKEN</b>	<p>A vote was taken to present this to the full Board to vote. Board member Rosenburgh made a motion to present Spend Plan Amendment 1 for consideration by the full Board of Transportation. Board member Mathis provided the second.</p> <p>Chair Lathrop took a voice call to vote on the motion, the motion passed unanimously.</p>
<b>4. New Revenue Estimates, Burt Tasaico</b>	
<b>DISCUSSION SUMMARY</b>	<p>Mr. Tasaico will be covering State Revenues by showing various graphs.</p> <p>Slide 2 – shows all the different revenue sources NCDOT has. Mr. Tasaico will focus more on the MFT, HUT and DMV fees.</p>



## FINANCE COMMITTEE MEETING MINUTES

	<p>Slide 3 – this chart goes back the past 15 years, giving a monthly total of State revenue over time. The shaded areas reflect the recessions; the one back in 2007 that lasted for 15 months and then during the pandemic. You can see the changes by seasonality. The slope picks up from 2010. In the last 24 months you can see how there is more fluctuation.</p> <p>Slide 4 – the Monthly MFT. This revenue chart consists of two variables:</p> <ol style="list-style-type: none"> <li>1. Fuel consumption – this change is due to fleet becoming more efficient, introduction of electric and hybrid cars.</li> <li>2. Variable gas tax rate – after 2015 the tax rate changes every year.</li> </ol> <p>Slide 5 – due to NC being a growing State you will see growth in fuel consumption on an annual basis even with electric and hybrid cars in the fleet. However, there is a bill in the house that will give incentives to the electric cars. This can change the revenue outlook. We have not factored this in yet. Once we know the actual language and what effects it could have over a 10-year time period, we will re-evaluate.</p> <p>Slide 6 – DMV Fees – You can see an increase in 2015-2016. This was not due to a population increase; but due to DMV fees (mainly on the highway side) increasing by 30%. In 2021 there is an increase due to our first quadrennial adjustment, fees went up by 7.8%.</p> <p>Slide 7 – Highway Use Tax. This is driven by: an increase in population and the price of the vehicles going up.</p> <p>Slide 8 – you will see how our revenues have changed in each SFY. The percentages show the growth in revenue for each year as compared to the 2019 baseline.</p> <p>Slide 9 – provides a breakdown of the revenue components in both 2022 and 2019 (the baseline).</p> <p>Slide 10 – SFY 2022 – overall increase in State revenues from what was forecasted by \$147M (3.5%). The details show a breakdown of the total state revenues; DMV was 3.7% below projections.</p> <p>Slide 11 – SFY 2022 – shows breakdown of target and actuals.</p> <p>Slide 12 – shows a more detailed breakdown of DMV fees.</p> <p>Slide 13 – shows a 5 year look back on how our revenues compare. In 2021 we did not have good revenue projections at that point in time as it was the beginning of the pandemic.</p>
<b>ACTIONS TAKEN</b>	NONE TAKEN



## FINANCE COMMITTEE MEETING MINUTES

5. Adjournment	
ACTIONS TAKEN	<p>Chair Lathrop asked for a motion to adjourn the August 10, 2022, meeting.</p> <p>Board member Mathis made the motion to adjourn the meeting and Board member Lail provided the second.</p> <p>Chair Lathrop took a voice call to vote on the motion, the motion to adjourn passed unanimously.</p>





# FINANCE COMMITTEE MEETING AGENDA

## BOARD OF TRANSPORTATION SEPTEMBER 7, 2022

**TIME: 10:45AM**



















**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 August 10 <sup>th</sup> 2022 Meeting Minutes Opening remarks	Tony Lathrop, Chair	10:45am
Financial Update	Stephanie King, CFO	10:50am
State Revenue – Historical Analysis	Amna Cameron, Deputy Director - Office of Strategic Initiatives & Program Support	11:00am
Draft Spend Plan Amendment 2	Michelle Ellis, Director of Cash Management and Forecasting	11:10am
Project Expenditures Forecasts	Johnny Stover, Lead Analytical Consultant (SAS) & Greg Perfetti, Transportation Industry Consultant (SAS) Bill J Malczyk – Senior Managing Director/Partner (EY)	11:25am
Questions		11:50am
Adjourn		

## NCDOT's Partnership with EY

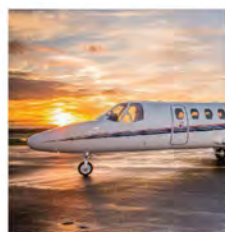
EY works closely together with SAS, DOH, and the Finance Division to address NCDOT's most critical business needs. The workstreams listed below reflect EY's comprehensive, steady, and well-coordinated approach with all key stakeholders in an evolving operating environment

EY Current Workstream		SAS	DOH	Finance Division
1	Model redesign			
2	Variance analysis and reporting			
3	Program roll-forwards			
4	Audit support and tracking			
5	Spend plan management and governance document			
6	QA/QC project review and analysis			



## **NORTH CAROLINA**

Department of Transportation



# Financial and Spend Plan Update

As of July 2022

Stephanie King, Chief Financial Officer

September 2022

# Executive Summary

# The Fast Five



## Financial Status

- Started 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 (construction and maintenance).



## August Redistribution

- 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.



## Spend Plan Amendment

- Draft FY23-24 Spend Amendment will be presented today in the Finance Committee and submitted to the Office of State Budget & Management.
- Budget items, revenue, business unit actions plans, and SAS analytics are updated.
- Consideration of approval vote in the October Board session.



## Forecasting

- DOT continues to work with SAS Institute and Ernst & Young on new development and refinements. This will better enable the agency to forecast expenditures for spend plan development & execution as well as project level forecasting against expenses.

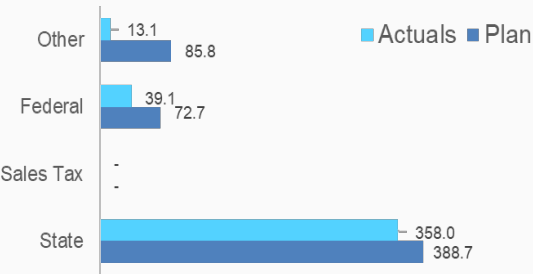


## Planning

- 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.

# Revenues

## July 2022 Spend Plan

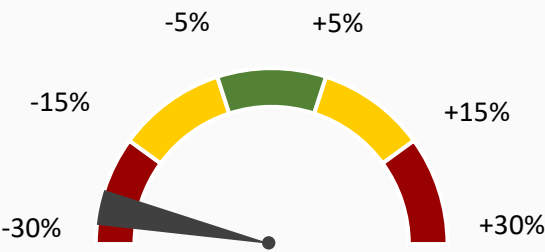


**(\$136.9M)**

**-25.0%**

Monthly Variance

## Spend Plan FYTD Performance



**(\$136.9M)**

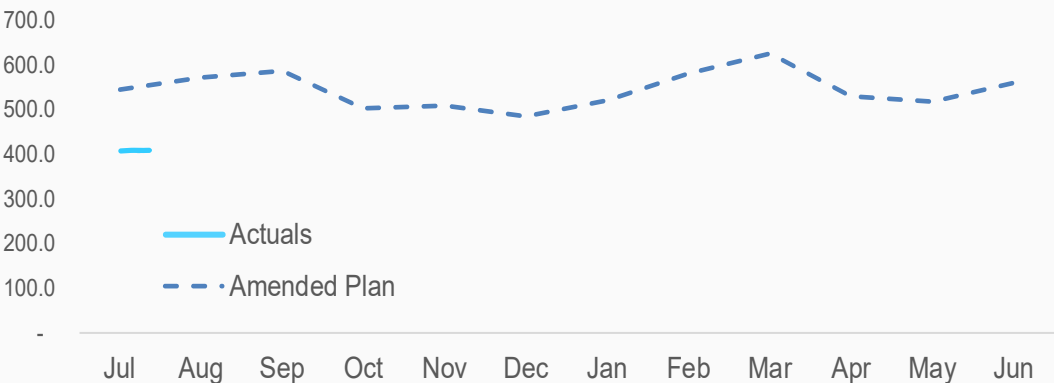
**-25.0%**

FYTD Variance

## Revenue Commentary

- Negative monthly variance is attributable to all revenue categories for July.
- Most of the negative variance is due to Other Revenue and FHWA-Federal Aid.
- Build NC (-\$41.6M) and GARVEE (-\$15.7M) revenues were lower or nil, respectively, due to a slow down of reimbursements.
- FHWA-Federal Aid (-\$33.6M) revenues was lower than spend plan due to SAP being closed for most of July due to year end close which prohibited billings from being generated.
- 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.

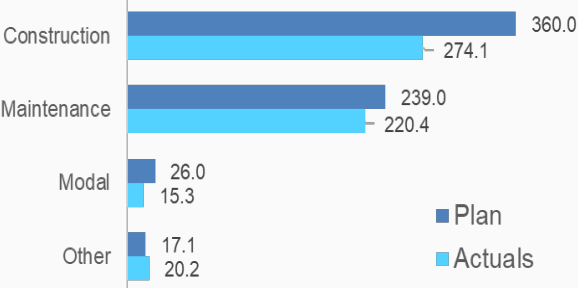
## FY 2023 Spend Plans and Actuals (\$M)





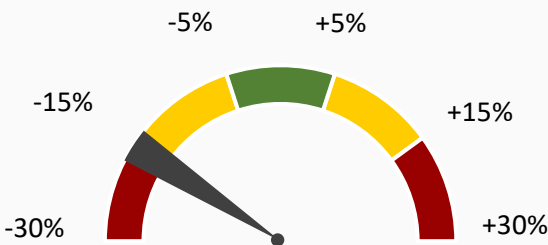
# Expenses

July 2022 Spend Plan



**(\$112.0M)**  
**-17.4%**  
*Monthly Variance*

Spend Plan FYTD Performance



**(\$112.0M)**  
**-17.4%**  
*FYTD Variance*

Expense Commentary

- Total monthly variance were largely due to underspending in Construction (\$85.8M) and Maintenance (\$18.6M).
- Construction expenditures continue to fall behind forecast due to labor and material shortages.
- Continuing to work with SAS on another forecast adjustment that will be tested in September.
- FYTD expenditures have increased 18.5% from the prior year.

FY 2023 Spend Plans and Actuals (\$M)



# Financial Highlights

Cash

Cash Balance

**\$2,325M**

Highway Fund:	Trust Fund:	Other*:
\$1,307m	\$997m	\$21m

FY23 FCST Avg. Monthly Expenditures

**\$630M**

Days Cash On Hand

**112.3**

Last Month: 136.8

Days Cash on Hand

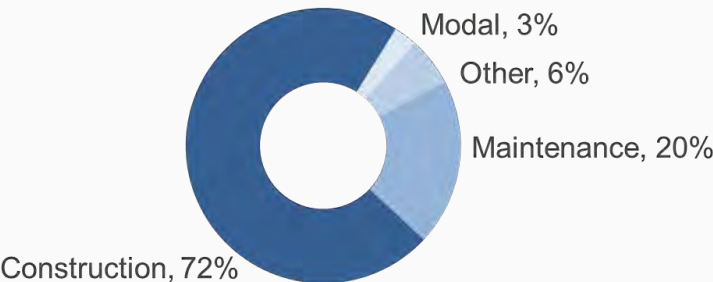


Commitments

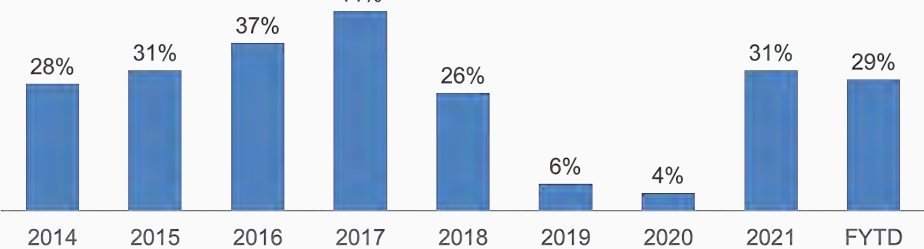
Open Commitments

**\$8,013M**

Last Month: \$8,007M



Cash as a % of Open Commitments

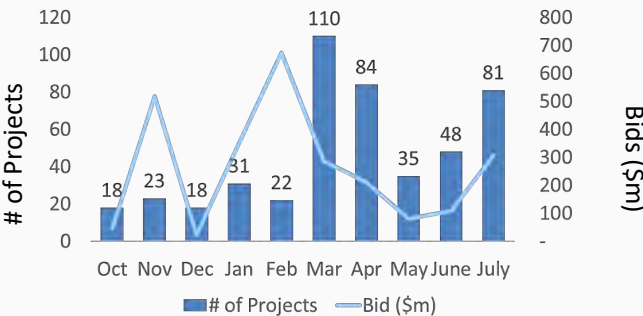


Project Activity

New Active Projects  
July

**81 Projects**

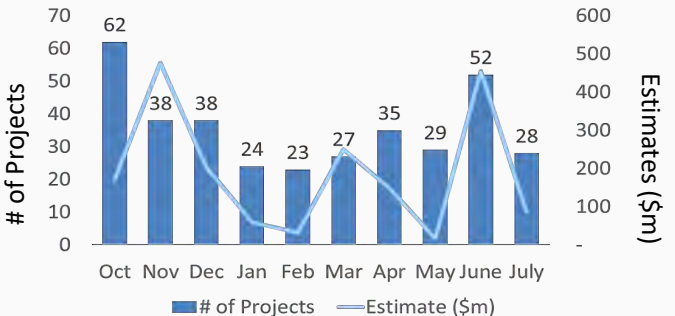
**\$307.3M**  
(Bid Amounts)



Accepted Projects  
July

**28 Projects**

**\$87.0M**  
(Estimate to Date)



\*Includes Ferry Capital



# Detailed Report

# Financial Analysis

- **HF Cash** – Cash balance increased from \$1,064.6 million in July 2021 to \$1,306.9 million in July 2022. An increase of \$242.4 million or 22.8%. This increase in cash was primarily due to decreased expenditures during SFY 2022 due to labor and material shortages.
- **HF Revenues & Expenses** – Revenues increased from \$207.5 million in July 2021 to \$220.1 million in July 2022. An increase of \$12.7 million or 6.1%. This increase was due to a \$11.2 million increase in motor fuel tax revenues and a \$1.5 million increase in license & fee revenues. There was no change in highway use tax revenues in July 2022 compared to July 2021. Expenses (current accounts) decreased by \$23.4 million, or 30.8% in July 2022 compared to July 2021.
- **HTF Cash** – Cash balance increased from \$951.0 million in July 2021 to \$996.7 million in July 2022. An increase of \$45.7 million or 4.8%. 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 \$134.3 million in July 2021 to \$137.9 million in July 2022. An increase of \$3.6 million or 2.7%. This increase was due to a \$5.6 million increase in motor fuel tax revenue, offset by a \$1.9 million decrease in fees revenue. There was no change in highway use tax revenue in July 2022 compared to July 2021. Expenses (current accounts) decreased by \$9.2 million or 81.9% in July 2022 compared to July 2021.

## Key monthly action:

On July 26, DOT repaid \$40M of the Highway Trust Fund loan to the Highway Fund. This repaid a portion of the loan made on November 15, 2018 for \$150M. The outstanding balance of the loans after this payment will be \$165,300,000.

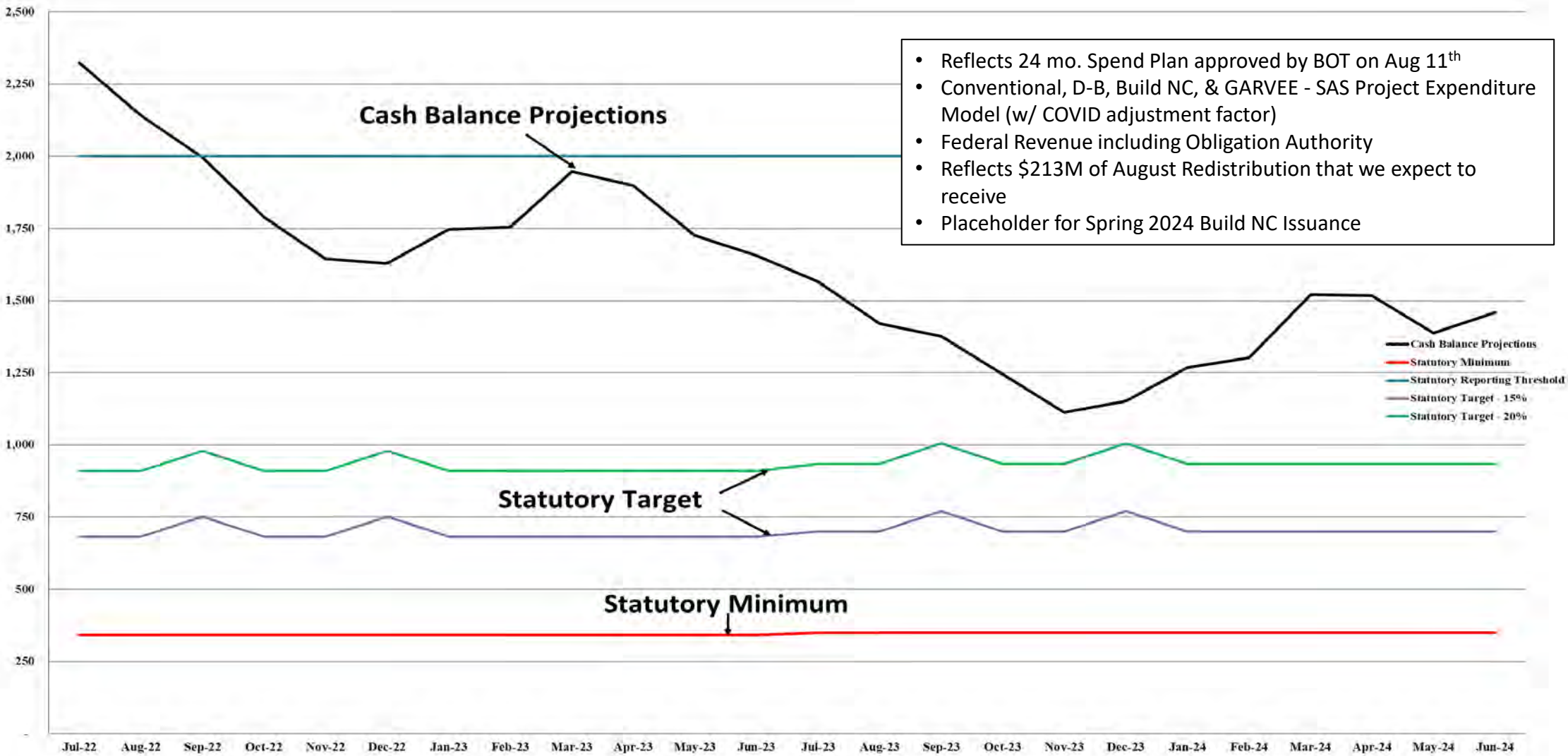
# Financial Update

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

	Month over Month		Year to Date	
	July 2022	July 2021	YTD 2023	YTD 2022
<u>HF, TF, and Ferry Capital</u>				
Collections	\$ 410	\$ 481	\$ 410	\$ 481
Expenditures	<u>563</u>	<u>448</u>	<u>563</u>	<u>448</u>
Net Change	\$ (153)	\$ 33	\$ (153)	\$ 33
Cash Balances:				
Highway Fund *			\$ 1,307	\$ 1,065
Highway Trust Fund			997	\$ 951
Ferry Capital Fund			21	
Totals			<u>\$ 2,325</u>	<u>\$ 2,016</u>

\*Excludes bond proceeds held by Trustee

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



# Actual Revenues and Expenditures Compared to Spend Plan

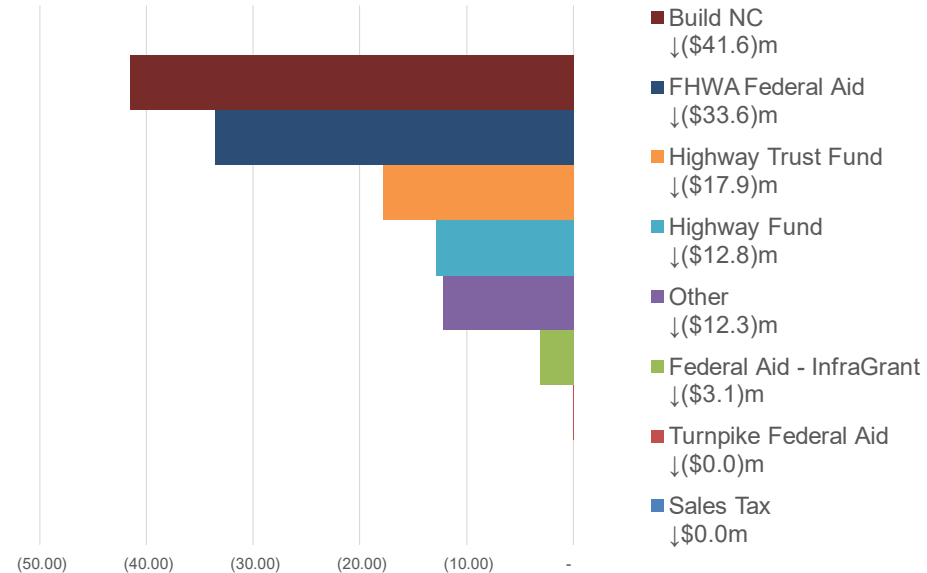
Actuals		Variance - Fiscal Year to Date				Track Against Full Year Spend Plan	
Description	Actuals As of 07/31	Fiscal YTD Spend Plan	\$ Variance, FYTD		% Variance, FYTD	Full Year Spend Plan (Jun 8, 2022)	% of SFY 2023 Spend Plan
State revenues	358.03	388.70	(30.67)	<div></div>	-8%	4,580.60	8% <div></div>
Federal aid	39.09	72.67	(33.58)	<div></div>	-46%	1,411.01	3% <div></div>
Federal aid - USDOT Discretionary Grants	1.40	4.49	(3.09)	<div></div>	-69%	25.63	5% <div></div>
Turnpike Federal Aid	(0.01)	-	(0.01)	<div></div>	na	-	na na
Sales Tax	-	-	-	<div></div>	na	193.10	0% <div></div>
Other	2.95	15.20	(12.25)	<div></div>	-81%	130.29	2% <div></div>
Garvee	-	15.72	(15.72)	<div></div>	-100%	150.38	0% <div></div>
BuildNC	8.76	50.35	(41.59)	<div></div>	-83%	250.21	4% <div></div>
Total Revenues & Other Receipts	410.22	547.13	(136.91)	<div></div>	-25%	6,741.22	6% <div></div>
Garvee Expenditures	(0.26)	71.37	(71.63)	<div></div>	-100%	604.90	0% <div></div>
Garvee Debt Service	-	-	-	<div></div>	na	154.34	0% <div></div>
Division of Mitigation Services (Formerly EEP)	0.01	9.90	(9.89)	<div></div>	-100%	33.00	0% <div></div>
BUILDNC Expenditures	47.86	50.15	(2.29)	<div></div>	-5%	545.24	9% <div></div>
BUILDNC Debt Service	-	-	-	<div></div>	na	121.44	0% <div></div>
STIP Construction - SAS	102.79	97.54	5.24	<div></div>	5%	1,079.33	10% <div></div>
NC Mobility Fund	(0.00)	-	(0.00)	<div></div>	na	-	na na
STIP Preconstruction & Holdouts	85.11	109.81	(24.70)	<div></div>	-22%	1,419.78	6% <div></div>
TIP - USDOT Discretionary Grants	28.07	17.56	10.51	<div></div>	60%	189.96	15% <div></div>
Turnpike Authority	0.48	0.13	0.35	<div></div>	263%	1.50	32% <div></div>
Internal Orders	5.87	1.00	4.87	<div></div>	487%	12.00	49% <div></div>
Congestion Mitigation & Air Quality (CMAQ)	4.21	2.50	1.71	<div></div>	68%	30.00	14% <div></div>
Total Construction	274.14	359.97	(85.83)	<div></div>	-24%	4,191.49	7% <div></div>
Other Construction - Secondary Roads	0.92	2.06	(1.14)	<div></div>	-55%	20.43	4% <div></div>
Other Construction - Spot Safety Improvements	0.55	2.39	(1.84)	<div></div>	-77%	13.53	4% <div></div>
Other Construction - Contingency	2.42	1.73	0.69	<div></div>	40%	10.02	24% <div></div>
Other Construction - Mobility/Modernization	64.28	15.21	49.08	<div></div>	323%	107.07	60% <div></div>
General Maintenance Reserve	34.88	37.66	(2.78)	<div></div>	-7%	458.86	8% <div></div>
Contract Resurfacing	75.44	99.27	(23.83)	<div></div>	-24%	604.04	12% <div></div>
Roadside Environmental	8.04	7.27	0.78	<div></div>	11%	112.18	7% <div></div>
Pavement Preservation	3.87	23.91	(20.04)	<div></div>	-84%	107.01	4% <div></div>
Bridge Program	21.72	35.81	(14.09)	<div></div>	-39%	382.55	6% <div></div>
Bridge Preservation	6.24	8.27	(2.03)	<div></div>	-25%	95.89	7% <div></div>
Emergency GMR	(0.12)	0.11	(0.22)	<div></div>	-207%	93.73	0% <div></div>
Disaster Funding - FEMA	2.15	5.31	(3.15)	<div></div>	-59%	66.90	3% <div></div>
Total Maintenance	220.40	238.99	(18.59)	<div></div>	-8%	2,072.21	11% <div></div>
Integrated Mobility Division	3.61	9.47	(5.85)	<div></div>	-62%	125.00	3% <div></div>
Ferry Capital	1.64	0.65	0.99	<div></div>	153%	2.83	58% <div></div>
Ferry Division	3.37	4.37	(1.00)	<div></div>	-23%	57.24	6% <div></div>
Rail Division	2.40	3.75	(1.35)	<div></div>	-36%	59.33	4% <div></div>
Aviation Division	4.24	7.73	(3.49)	<div></div>	-45%	152.00	3% <div></div>
Total Other Modes	15.27	25.96	(10.70)	<div></div>	-41%	396.39	4% <div></div>
Administration	18.97	15.17	3.81	<div></div>	25%	378.11	5% <div></div>
Transfers to Other State Agencies	0.01	-	0.01	<div></div>	na	67.38	0% <div></div>
Transfers to General Fund/NCTA - GAP Funds	-	-	-	<div></div>	na	49.00	0% <div></div>
State aid to municipalities	-	-	-	<div></div>	na	154.88	0% <div></div>
Debt Service	-	-	-	<div></div>	na	-	na na
Other Programs	1.22	1.91	(0.69)	<div></div>	-36%	21.12	6% <div></div>
Total Other Expenditures	20.20	17.07	3.13	<div></div>	18%	670.49	3% <div></div>
Total Expenditures	530.01	641.99	(111.98)	<div></div>	-17%	7,330.58	7% <div></div>



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

## Variance to Spend Plan - Month of Jul

July Variance: (\$136.9)m, (25.0%) of Spend Plan

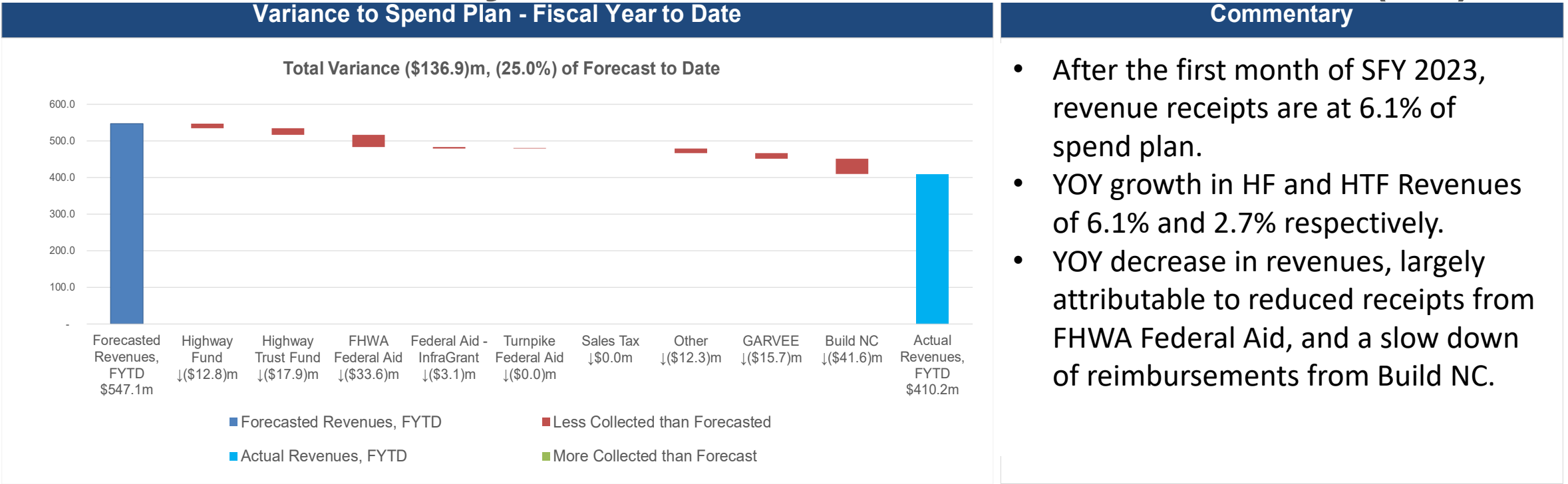


## Commentary

- Overall negative monthly variance to spend plan of 25.0% (\$136.9M) for all categories.
- July 2022 revenue receipts was less than July 2021 by 14.7% (\$70.6M).
- FHWA-Federal Aid (-\$33.6M) revenues was lower than spend plan due to SAP being closed for most of July due to year end close which prohibited billings from being generated.
- Build NC (-\$41.6M) and GARVEE (-\$15.7M) revenues were lower or nil, respectively, due to a slow down of reimbursements.

Actuals		Variance to Spend Plan - Monthly				Variance to Prior Year- Monthly			
Description	Actuals For Month Ending 07/31	Spend Plan	\$ Variance, Monthly	% Variance, Monthly		Prior Year	\$ Variance, Monthly	% Variance, Monthly	
Highway Fund	220.12	232.94	(12.82)	-6%		207.47	12.65	6%	
Highway Trust Fund	137.90	155.76	(17.85)	-11%		134.28	3.63	3%	
FHWA Federal Aid	39.09	72.67	(33.58)	-46%		65.75	(26.66)	-41%	
Federal Aid - InfraGrant	1.40	4.49	(3.09)	-69%		0.75	0.65	86%	
Turnpike Federal Aid	(0.01)	-	(0.01)	na		0.05	(0.06)	-126%	
Sales Tax	-	-	-	na		-	-	na	
Other	2.95	15.20	(12.25)	-81%		16.30	(13.35)	-82%	
GARVEE	-	15.72	(15.72)	-100%		7.60	(7.60)	-100%	
Build NC	8.76	50.35	(41.59)	-83%		48.61	(39.85)	-82%	
<b>Total Revenues</b>	<b>410.22</b>	<b>547.13</b>	<b>-136.91</b>	<b>-25%</b>		<b>480.79</b>	<b>-70.58</b>	<b>-15%</b>	

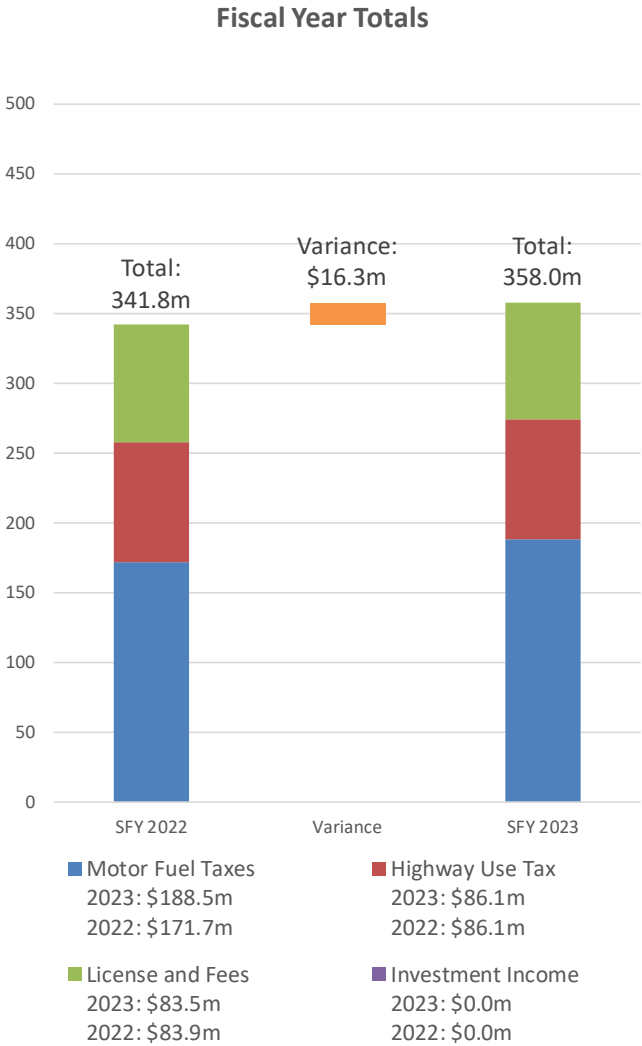
# Revenue Summary and Variances – Fiscal Year to Date (\$M)



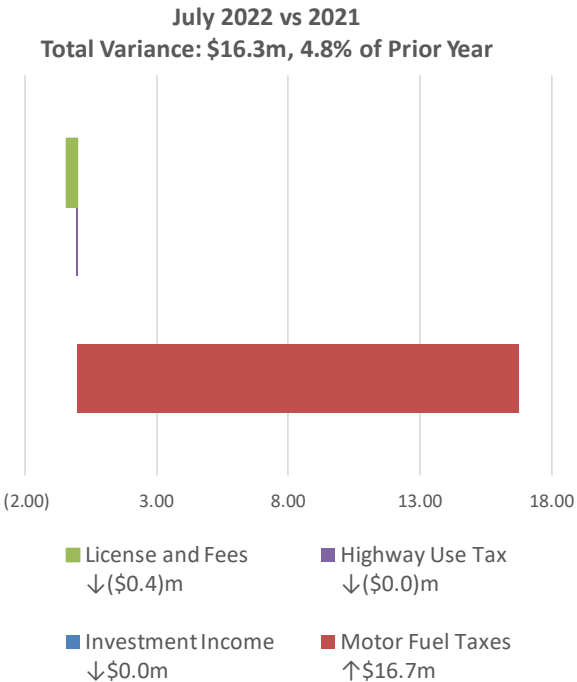
Actuals		Variance - Fiscal Year to Date				Track Against Full Year Spend Plan		Variance to Prior Year- FYTD		
Description	Actuals As of 07/31	Fiscal YTD Spend Plan	\$ Variance, FYTD	% Variance, FYTD	Full Year Spend Plan (Jun 8, 2022)	% of SFY 2023 Spend Plan		Prior Year	\$ Variance, FYTD	% Variance
Highway Fund	220.12	232.94	(12.82)	-6%	2,745.10	8%		207.47	12.65	6%
Highway Trust Fund	137.90	155.76	(17.85)	-11%	1,835.50	8%		134.28	3.63	3%
FHWA Federal Aid	39.09	72.67	(33.58)	-46%	1,411.01	3%		65.75	(26.66)	-41%
Federal Aid - InfraGrant	1.40	4.49	(3.09)	-69%	25.63	5%		0.75	0.65	86%
Turnpike Federal Aid	(0.01)	-	(0.01)	na	-	na	na	0.05	(0.06)	-126%
Sales Tax	-	-	-	na	193.10	0%		-	-	na
Other	2.95	15.20	(12.25)	-81%	130.29	2%		16.30	(13.35)	-82%
GARVEE	-	15.72	(15.72)	-100%	150.38	0%		7.60	(7.60)	-100%
Build NC	8.76	50.35	(41.59)	-83%	250.21	4%		48.61	(39.85)	-82%
Total Revenues	410.22	547.13	-136.91	-25%	6,741.22	6%		480.79	-70.58	-15%

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

## FYTD YoY Variance



## Monthly YoY Variance



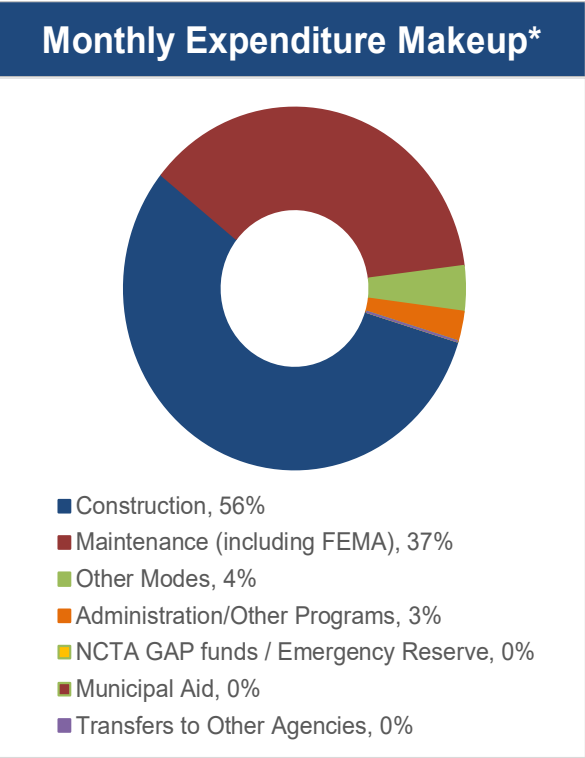
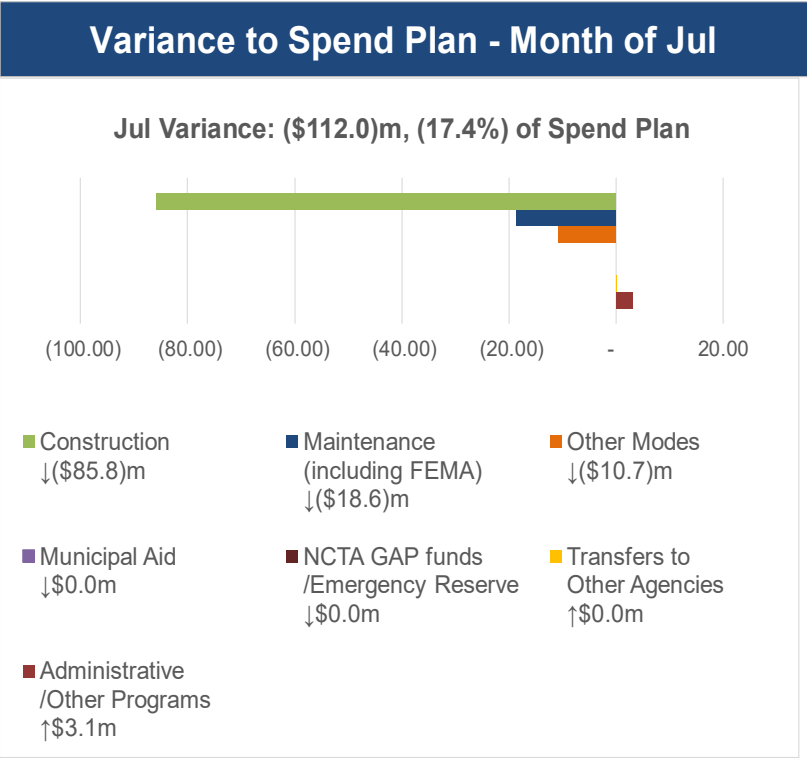
## Commentary

- July MFT revenue remains strong YOY with an uptick of 9.8% from 2021 to 2022.
- Highway Fund and Trust Fund revenues have grown by approximately 4.8% on a combined basis as compared to July 2021.

Prior Year Comparison						
Comparison to Prior Year - Month of July			Comparison to Prior Year - Fiscal Year to Date			
Revenue	July 2022	July 2021	Current FYTD Actual Revenue (Jul '22 - Jul '22)	Previous FYTD Actual Revenue (Jul '21 - Jul '21)	FYTD YoY \$ Δ	FYTD YoY % Δ
Motor Fuel Taxes	188.5	171.7	188.5	171.7	16.7	10%
Highway Use Tax	86.1	86.1	86.1	86.1	(0.0)	0%
License and Fees	83.5	83.9	83.5	83.9	(0.4)	-1%
Investment Income	-	-	-	-	-	na
Total Revenue	\$358.0	\$341.8	\$358.0	\$341.8	\$16.3	5%



# Overall Expenditure Variances – Monthly (\$M)



- ### Commentary
- Overall negative variance to spend plan in July (17.4%).
  - Construction expenditures was 23.8% lower than spend plan.
  - Maintenance and Modal expenditures came in at 7.8% and 41.2% below forecast this month, respectively.

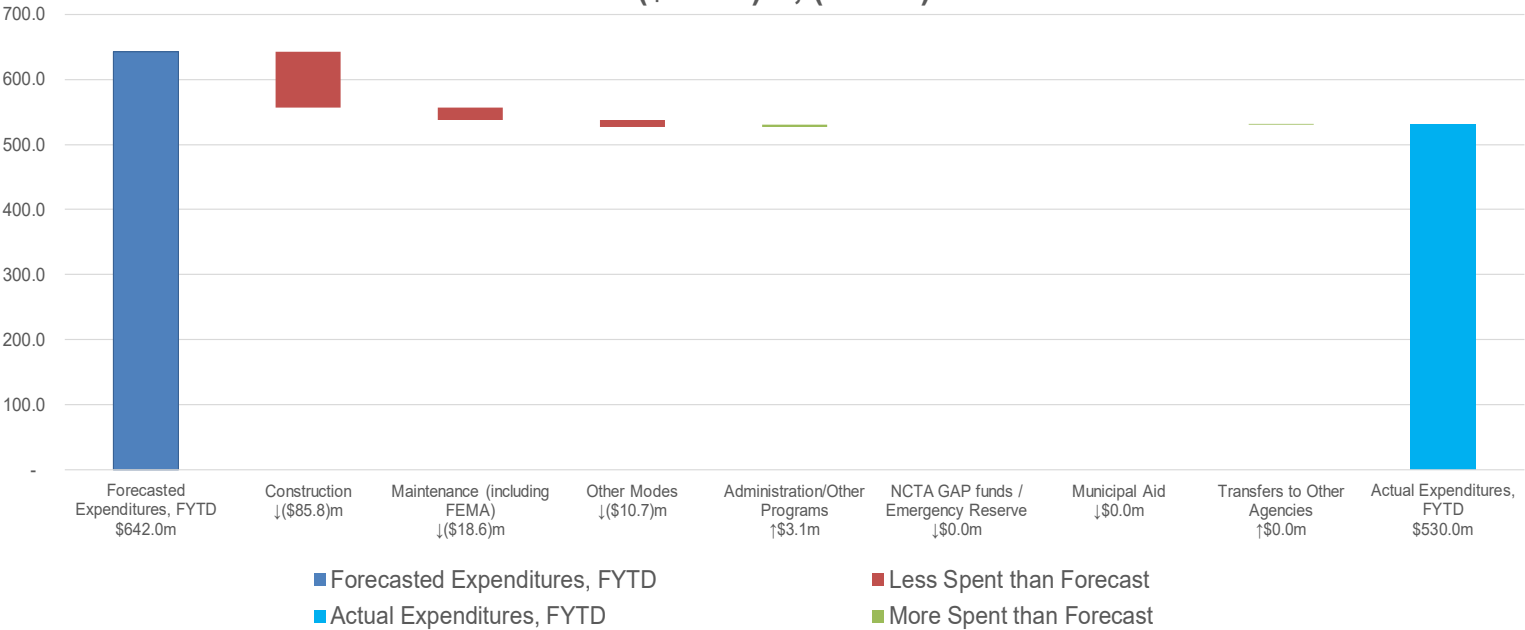
Actuals		Variance - Monthly				Variance to Prior Year- Monthly			
Description	Actuals For Month Ending 07/31	Spend Plan	\$ Variance, Monthly	% Variance, Monthly		Prior Year	\$ Variance, Monthly	% Variance, Monthly	
Construction	274.14	359.97	(85.83)	-24%		210.35	63.79	30%	
Maintenance (including FEMA)	220.40	238.99	(18.59)	-8%		118.04	102.36	87%	
Other Modes	15.27	25.96	(10.70)	-41%		24.68	(9.42)	-38%	
Administration/Other Programs	20.19	17.07	3.12	18%		20.02	0.17	1%	
NCTA GAP funds / Emergency Reserve	-	-	-	na		61.00	(61.00)	-100%	
Municipal Aid	-	-	-	na		-	-	na	
Transfers to Other Agencies	0.01	-	0.01	na		13.07	(13.06)	-100%	
Total Expenditures	530.01	641.99	-111.98	-17%		447.17	82.84	19%	

\*Based on latest approved Spend Plan

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

## Variance to Spend Plan - Fiscal Year to Date

Total Variance (\$112.0)m, (17.4%) from Forecast to Date



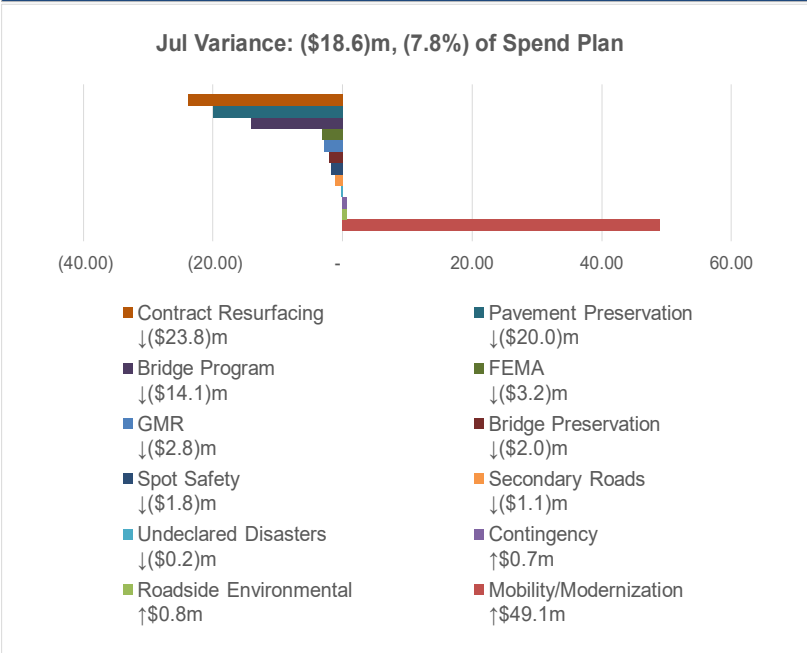
## Commentary

- Overall expenditures are up YOY, increasing by 18.5% from \$447.2M in July 2021 to \$530.0M in July 2022.

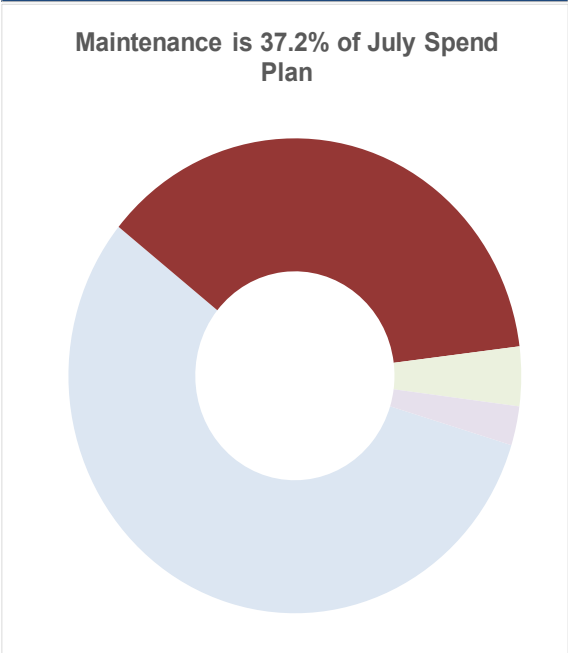
Actuals		Variance - Fiscal Year to Date			Track Against Full Year Spend Plan		Variance to Prior Year- FYTD		
Description	Actuals As of 07/31	Fiscal YTD Spend Plan	\$ Variance, FYTD	% Variance, FYTD	Full Year Spend Plan (Aug 11, 2022)	% of SFY 2023 Spend Plan	Prior Year	\$ Variance, FYTD	% Variance
Construction	274.14	359.97	(85.83)	-24%	4,191.49	7%	210.35	63.79	30%
Maintenance (including FEMA)	220.40	238.99	(18.59)	-8%	2,072.21	11%	118.04	102.36	87%
Other Modes	15.27	25.96	(10.70)	-41%	396.39	4%	24.68	(9.42)	-38%
Administration/Other Programs	20.19	17.07	3.12	18%	399.23	5%	20.02	0.17	1%
NCTA GAP funds / Emergency Reserve	-	-	-	na	49.00	0%	61.00	(61.00)	-100%
Municipal Aid	-	-	-	na	154.88	0%	-	-	na
Transfers to Other Agencies	0.01	-	0.01	na	67.38	0%	13.07	(13.06)	-100%
Total Expenditures	530.01	641.99	-111.98	-17%	7,330.58	7%	447.17	82.84	19%

# Maintenance Expenditure Variances – Monthly (\$M)

## Variance to Spend Plan - Month of Jul



## Monthly Expenditure

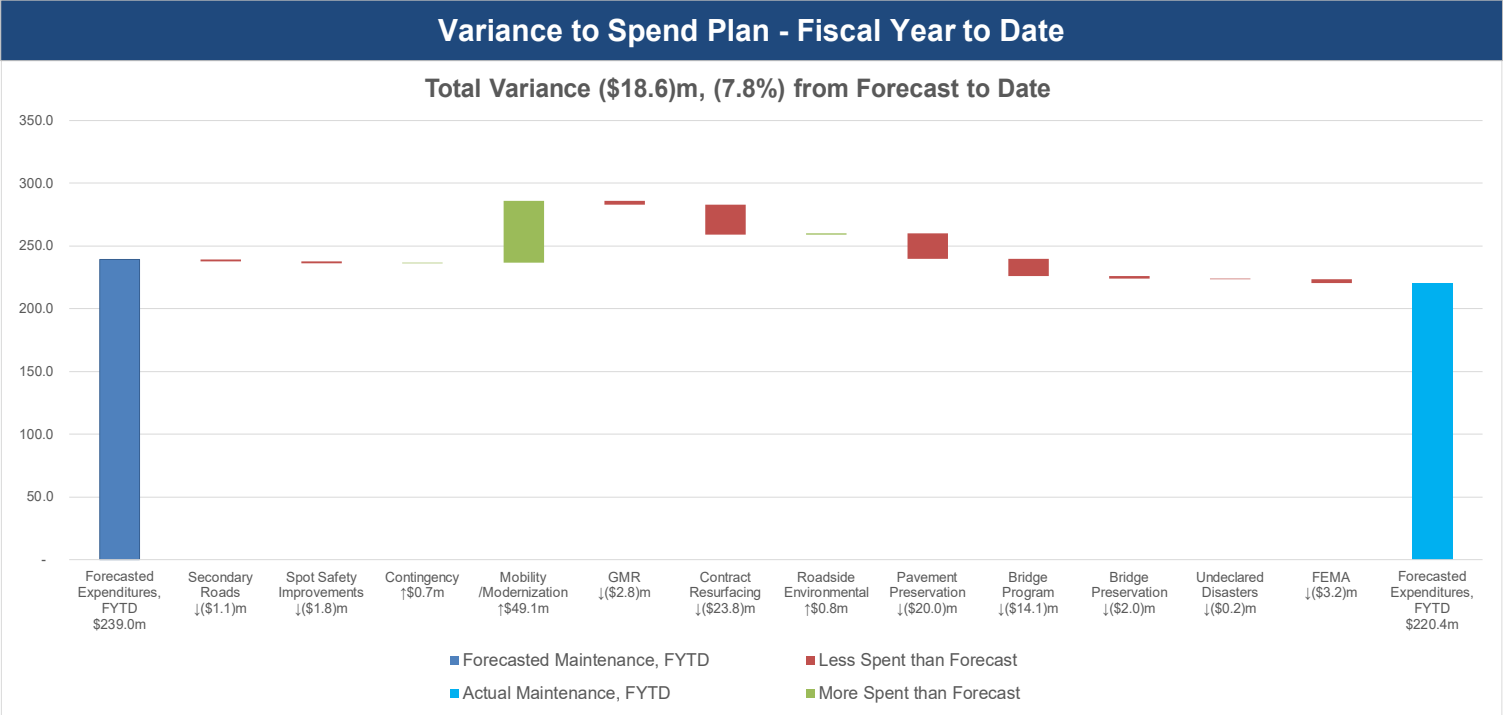


## Commentary

- Maintenance expenditures were overall less than forecast with a monthly variance to plan of -7.8%.
- Overall negative variance in Maintenance due to Contract Resurfacing (-\$23.8M), Pavement Preservation (-\$20.0M), and Bridge Program (-\$14.1M) offset by Mobility Modernization (\$49.08M).

Actuals		Variance - Monthly				Variance to Prior Year- Monthly			
Description	Actuals For Month Ending 07/31	Spend Plan	\$ Variance, Monthly	% Variance, Monthly		Prior Year	\$ Variance, Monthly	% Variance, Monthly	
Secondary Roads	0.92	2.06	(1.14)	-55%		0.71	0.21	30%	
Spot Safety Improve.	0.55	2.39	(1.84)	-77%		1.05	(0.50)	-47%	
Contingency	2.42	1.73	0.69	40%		0.75	1.68	225%	
Mobility/Modernization	64.28	15.21	49.08	323%		1.07	63.21	5892%	
GMR	34.88	37.66	(2.78)	-7%		30.36	4.52	15%	
Contract Resurfacing	75.44	99.27	(23.83)	-24%		49.82	25.62	51%	
Roadside Environmental	8.04	7.27	0.78	11%		5.82	2.22	38%	
Pavement Preservation	3.87	23.91	(20.04)	-84%		9.04	(5.17)	-57%	
Bridge Program	21.72	35.81	(14.09)	-39%		10.75	10.97	102%	
Bridge Preservation	6.24	8.27	(2.03)	-25%		4.97	1.27	25%	
Undeclared Disasters	(0.12)	0.11	(0.22)	-207%		1.28	(1.39)	-109%	
FEMA	2.15	5.31	(3.15)	-59%		2.43	(0.28)	-11%	
Total Maintenance	220.40	238.99	-18.59	-8%		118.04	102.36	87%	

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

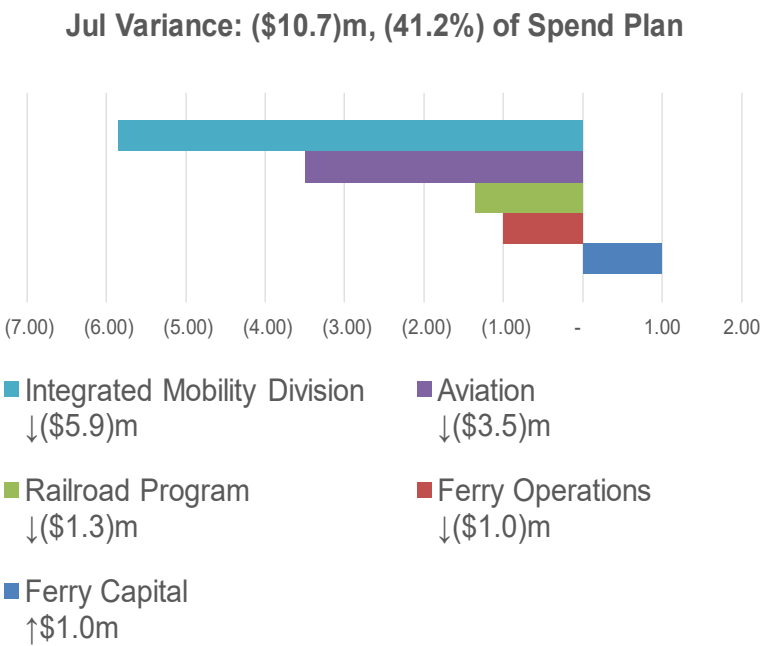


- Commentary**
- Maintenance expenditures are up YOY, increasing by 86.7% from \$118.0M in July 2021 to \$220.4M in July 2022.
  - Mobility Modernization has reached 60% of spend target in the first month of SFY23.

Actuals		Variance - Fiscal Year to Date			Track Against Full Year Spend Plan		Variance to Prior Year- FYTD		
Description	Actuals As of 07/31	Fiscal YTD Spend Plan	\$ Variance, FYTD	% Variance, FYTD	Full Year Spend Plan (Aug 11, 2022)	% of SFY 2023 Spend Plan	Prior Year	\$ Variance, FYTD	% Variance
Secondary Roads	0.92	2.06	(1.14)	-55%	20.43	4%	0.71	0.21	100%
Spot Safety Improve.	0.55	2.39	(1.84)	-77%	13.53	4%	1.05	(0.50)	-47%
Contingency	2.42	1.73	0.69	40%	10.02	24%	0.75	1.68	225%
Mobility/Modernization	64.28	15.21	49.08	323%	107.07	60%	1.07	63.21	5892%
GMR	34.88	37.66	(2.78)	-7%	458.86	8%	30.36	4.52	15%
Contract Resurfacing	75.44	99.27	(23.83)	-24%	604.04	12%	49.82	25.62	51%
Roadside Environmental	8.04	7.27	0.78	11%	112.18	7%	5.82	2.22	38%
Pavement Preservation	3.87	23.91	(20.04)	-84%	107.01	4%	9.04	(5.17)	-57%
Bridge Program	21.72	35.81	(14.09)	-39%	382.55	6%	10.75	10.97	102%
Bridge Preservation	6.24	8.27	(2.03)	-25%	95.89	7%	4.97	1.27	25%
Undeclared Disasters	(0.12)	0.11	(0.22)	-207%	93.73	0%	1.28	(1.39)	-109%
FEMA	2.15	5.31	(3.15)	-59%	66.90	3%	2.43	(0.28)	-11%
Total Maintenance	220.40	238.99	-18.59	-8%	2,072.21	11%	118.04	102.36	87%

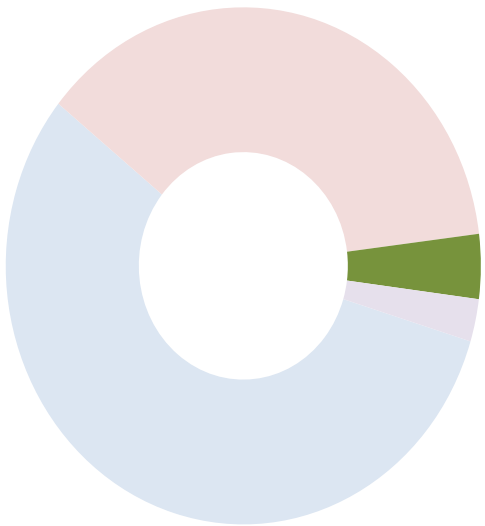
# Modal Expenditure Variances – Monthly (\$M)

## Variance to Spend Plan - Month of Jul



## Monthly Expenditure Makeup

Modal is 4.0% of July Spend Plan



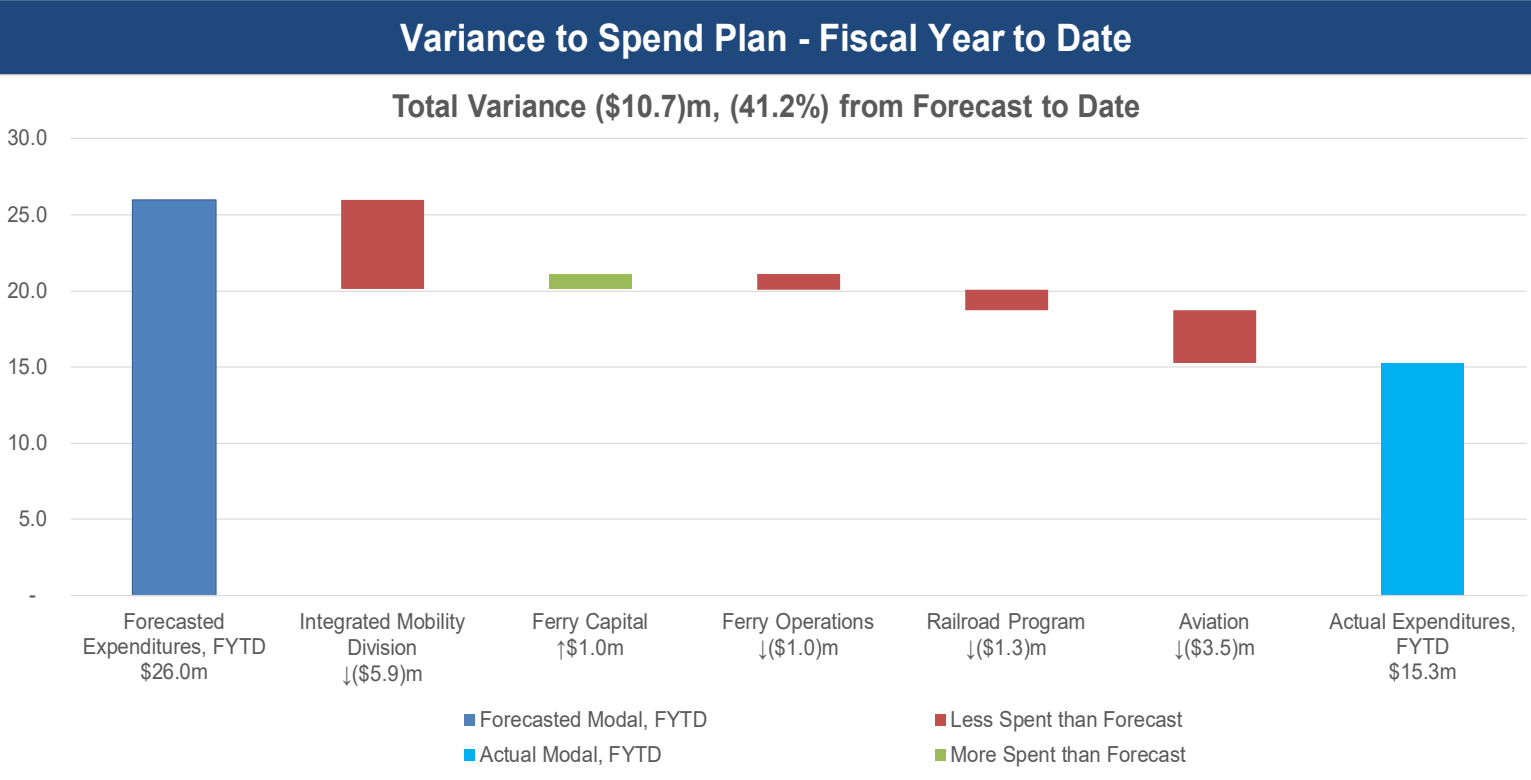
## Commentary

- Modal expenditures were overall less than forecast with a monthly variance to plan of 41.2%
- Per General Assembly's request, the line-item Ferry Capital Fund includes all ferry generated revenue.
- Aviation variance due to airport grant funds not claimed as fast as projected.
  - A result from inadequate bids on projects, supply chain issues, labor problems, and weather delays.

Actuals		Variance - Monthly				Variance to Prior Year- Monthly			
Description	Actuals For Month Ending 07/31	Spend Plan	\$ Variance, Monthly	% Variance, Monthly		Prior Year	\$ Variance, Monthly	% Variance, Monthly	
Integrated Mobility Division	3.61	9.47	(5.85)	-62%		14.21	(10.59)	-75%	
Ferry Capital	1.64	0.65	0.99	153%		-	1.64	na	
Ferry Operations	3.37	4.37	(1.00)	-23%		4.27	(0.89)	-21%	
Railroad Program	2.40	3.75	(1.35)	-36%		3.37	(0.97)	-29%	
Aviation	4.24	7.73	(3.49)	-45%		2.84	1.40	49%	
Total Modal	15.27	25.96	-10.70	-41%		24.68	-9.42	-38%	



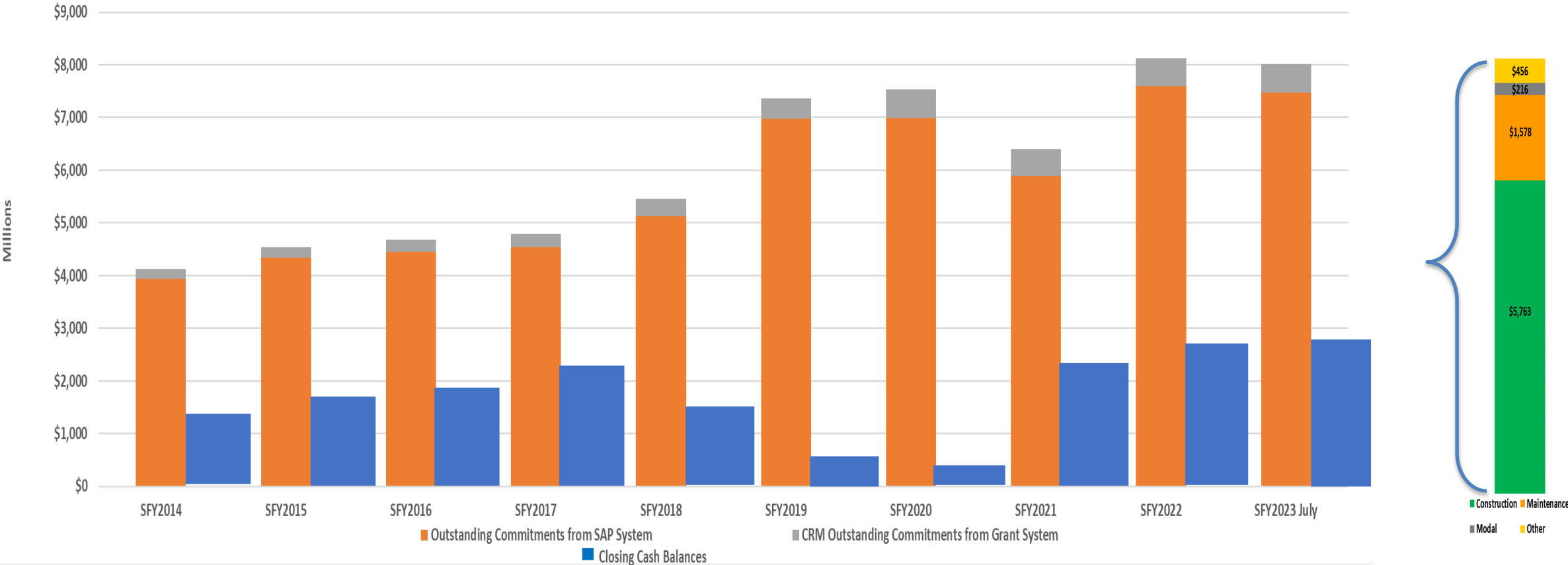
# Modal Expenditure Summary and Variances – FYTD (\$M)



- Commentary
- IMD spending was lower than anticipated due to a slower rate of claim payment than anticipated.
  - Ferry Operations variance is attributable to \$1.5M of operating expenses hitting encumbrances in the capital fund.

Actuals		Variance - Fiscal Year to Date			Track Against Full Year Spend Plan		Variance to Prior Year- FYTD		
Description	Actuals As of 07/31	Fiscal YTD Spend Plan	\$ Variance, FYTD	% Variance, FYTD	Full Year Spend Plan (Aug 11, 2022)	% of SFY 2023 Spend Plan	Prior Year	\$ Variance, FYTD	% Variance
Integrated Mobility Division	3.61	9.47	(5.85)	-62%	125.00	3%	14.21	(10.59)	100%
Ferry Capital	1.64	0.65	0.99	153%	2.83	58%	-	1.64	na
Ferry Operations	3.37	4.37	(1.00)	-23%	57.24	6%	4.27	(0.89)	-21%
Railroad Program	2.40	3.75	(1.35)	-36%	59.33	4%	3.37	(0.97)	-29%
Aviation	4.24	7.73	(3.49)	-45%	152.00	3%	2.84	1.40	49%
Total Modal	15.27	25.96	-10.70	-41%	396.39	4%	24.68	-9.42	-38%

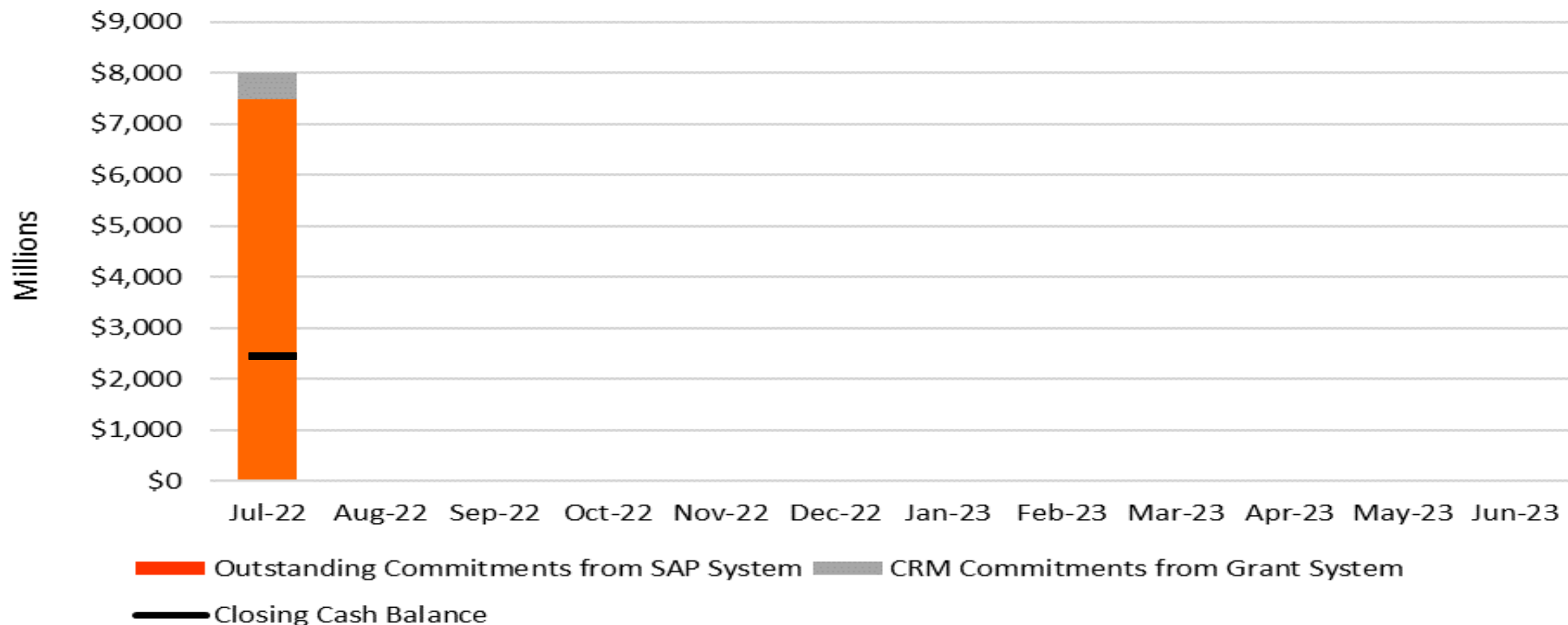
# NCDOT Outstanding Commitments & Closing Cash Balances by State Fiscal Year



SFY 2022 Commitments  
Contract/Agreement Origination Dates

SFY2023	3.53%
SFY2022	49.09%
SFY2021	7.97%
SFY2020	17.52%
SFY2019	13.59%
SFY2018	3.97%
SFY2017 & Prior Years	4.34%

## NCDOT Outstanding Commitments & Closing Cash Balances by Month





## NCDOT Outstanding Commitments & Closing Cash Balances by Month



# Cash Reporting

## Joint Legislative Transportation Oversight Committee

### July 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 July 2022, the **combined average daily cash balance** of the Highway Fund and the Highway Trust Fund was \$2.26 billion.
- The cash target amounts representing 15% and 20% of the total appropriations for the current fiscal year are \$687 million and \$916 million, respectively.
- The closing cash balance for July was \$2.32 billion which is above the target range and above the minimum cash balance requirement of \$344 million under N.C.G.S. 143C-6-11.

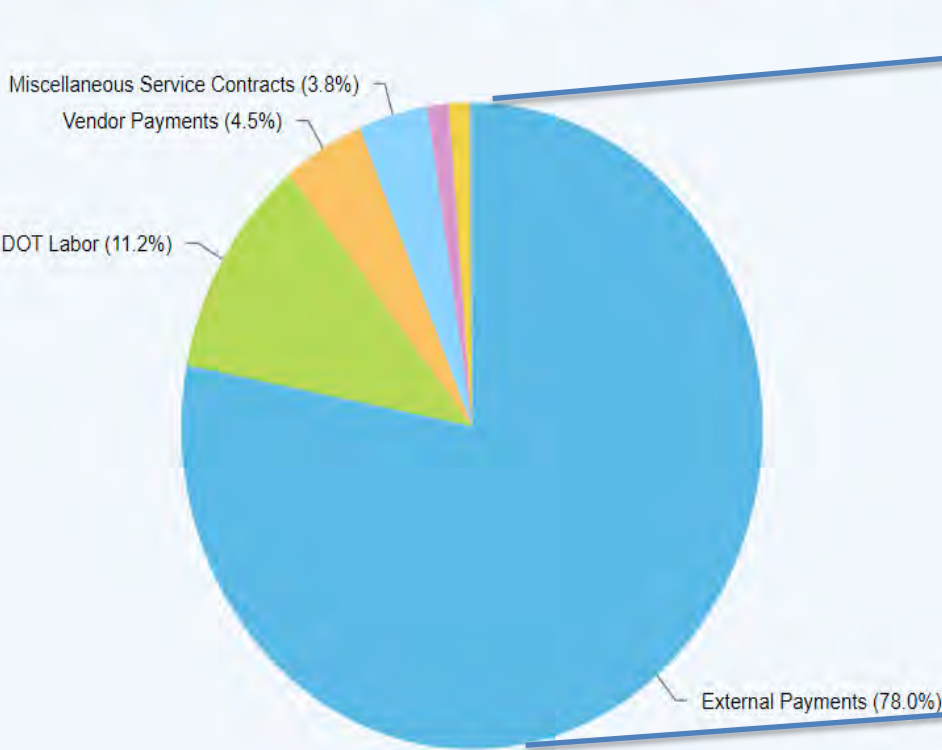
# NCDOT Expenditures

## SFY2023 as of July 31, 2022

NCDOT Expenditures (\$M)

NCDOT External Payments (%)

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



- Material Purchases
- Grants to Other Entities
- Prof Engineering & Consultant Contracts
- Right of Way Purchases
- Construction Contracts

% Expenditures

## Highway Fund Programs

2022-23

Highway Fund Programs			Carry Forward Authority								APPROVED 8/11/22									
2022-23	G.S. 136-44.2 (f1) (1-4)	G.S. 136-16.10	Unexpended Allotments		Unallotted Appropriations		=+F+G+H+I													
	Credit SL 2022-74 Budget	FY22 Overdrafts Accounted By FY23 Legislation	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 7/31/22	Federal Total Spent thru 7/31/22	Total Spent thru 7/31/22	Difference \$	Diff. %
																*Includes Federal \$				
DOT-General Administration	\$ 117,732,373		-	-				-			117,732,373	-	\$ 110,670,301		\$ 110,670,301	3,899,234.82		3,899,234.82	\$ (106,771,066)	-96%
Highway Division Administration	37,278,745		-					-			37,278,745	-	37,278,745		37,278,745	1,820,063.13		1,820,063.13	(35,458,682)	-95%
Total Admin	\$ 155,011,118										\$ 155,011,118	\$ -	\$ 147,949,046	\$ -	\$ 147,949,046	5,719,297.95	-	5,719,297.95	\$ -	(142,229,748) -96%
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	919,525.02		919,525.02	(a) (19,514,644)	-96%
Spot Safety Improvements	12,100,000	-	(1,580,063)	35,169,141	-	-	-	35,169,141			45,689,078	-	13,532,557		13,532,557	552,382.48		552,382.48	(12,980,175)	-96%
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	2,422,947.58		2,422,947.58	(7,592,358)	-76%
Mobility Modernization	41,443,078	(485,348)	(52,529,947)	34,552,279	121,543,398	485,349	-	156,581,026			145,008,808	-	107,071,639		107,071,639	64,284,250.93		64,284,250.93	(j) (42,787,388)	-40%
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	-	\$ 286,053,671	\$ -	\$ 286,053,671	68,179,106.01	-	68,179,106.01	\$ (217,874,565)	-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)	-	640,023,567	-	619,493,817		619,493,817	36,916,251.25		36,916,251.25	(582,577,566)	-94%
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)	115,211,553	969,490,592	-	604,036,876		604,036,876	75,443,913.79		75,443,913.79	(528,592,962)	-88%
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	-	382,553,648		382,553,648	21,716,210.99		21,716,210.99	(360,837,437)	-94%
Bridge Preservation	69,899,551	-	-	36,278,884	(3,406)	4,951,433	-	41,226,910	-	-	111,126,461	-	95,888,236		95,888,236	6,238,778.21		6,238,778.21	(89,649,458)	-93%
Roadside Environmental	117,177,694	-	(1,571,236)	11,267,312	-	945,186	-	12,212,497	(13,813,029)	-	114,005,926	-	112,177,694		112,177,694	8,043,626.18		8,043,626.18	(104,134,068)	-93%
Pavement Preservation	85,358,348	-	(8,341,276)	113,760,197	-	10,390,554	-	124,150,751	(47,764,540)	3,452,195	156,855,478	-	107,007,265		107,007,265	3,865,848.15		3,865,848.15	(103,141,417)	-96%
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)	118,663,748	2,750,591,981	-	\$ 1,921,157,536	\$ -	\$ 1,921,157,536	152,224,628.57	-	152,224,628.57	\$ (1,768,932,907)	-92%



Highway Fund Programs  
2022-23

Highway Fund Programs			Carry Forward Authority										APPROVED 8/11/22									
2022-23			G.S. 136-44.2 (F) (1-4)		G.S. 136-16.10		Unexpended Allotments		Unallotted Appropriations		=+F+G+H+I											
	SL 2022-74	SL 2021-180	Credit	FY22 Overdrafts					Carry	FY23 Cashflow	FY24	Net FY23	Federal	State	Federal	Total	State & Other	Federal	Total Spent	Difference	Diff.	
	Budget	Section 3.2	Balance	Accounted By FY23	State	Other	State	Other	Forward	Payback	Cashflow	Appropriations	Carry Forward	Spend Plan	Spend Plan	Spend Plan	Total Spent thru 7/31/22	Total Spent thru 7/31/22	thru 7/31/22	\$	%	
Ferry Operations	57,897,653	-	-	-	(70,554)	72,997	-	175,244	177,687	-	-	58,075,340	248,241	57,235,982	-	57,235,982	3,372,636.31	1,133.29	3,373,769.60	(b)	(53,862,212)	-94%
Ferry Capital Fund	-	-	-	-	7,406,269	-	-	-	7,406,269	-	-	7,406,269	-	2,828,611	-	2,828,611	1,636,313.34	-	1,636,313.34	(1,192,298)	-42%	
State Aid to Municipalities	154,875,000	-	-	-	486,210	-	-	-	486,210	-	-	155,361,210	-	154,875,000	-	154,875,000	-	-	-	(154,875,000)	-100%	
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	55,946,985	3,380,000	59,326,985	2,401,827.93	-	2,401,827.93	(c)	(56,925,157)	-96%
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	450,027.54	3,163,483.05	3,613,510.59	(121,386,489)	-97%	
Airports	209,774,818	-	(1)	-	129,308,813	27,922,949	1	22,136,950	179,368,713	-	-	389,143,530	50,129,899	134,000,000	18,000,000	152,000,000	3,333,315.29	907,248.61	4,240,563.90	(k)	(147,759,436)	-97%
OSHA Program	358,030	-	-	(399)	491,078	-	22,720	-	513,798	-	-	871,429	-	358,030	-	358,030	41,373.97	-	41,373.97	(316,656)	-88%	
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	28,891.48	647,497.89	676,389.37	(13,129,157)	-95%	
Division of Motor Vehicles	152,428,637	-	-	-	-	-	-	-	-	-	-	152,428,637	-	152,498,637	-	152,498,637	11,215,060.79	-	11,215,060.79	(141,283,576)	-93%	
Performance Energy Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Non-System Streets	-	-	-	-	-	15,207,725	-	-	15,207,725	-	-	15,207,725	-	-	-	-	303,651.44	-	303,651.44	303,651	-	-
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	2,200,000	-	2,200,000	49,614.82	281,150.65	330,765.47	(1,869,235)	-85%	
N.C.G.S 147-86.15 Cash Management	-	-	-	-	-	-	-	-	-	-	-	-	-	(205,000,000)	-	(205,000,000)	(40,000,000.00)	-	(40,000,000.00)	165,000,000	-80%	
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	416,282,617	98,846,174	515,128,791	(17,167,287.09)	5,000,513.49	(12,166,773.60)	\$	(433,449,905)	-84%
Transfers to Other State Agencies	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Emergency Reserve per SL2019-251	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Agriculture	5,977,526	-	-	-	-	-	-	-	-	-	-	5,977,526	-	5,977,526	-	5,977,526	-	-	-	(5,977,526)	-100%	
Revenue	6,091,861	-	-	-	-	-	-	-	-	-	-	6,091,861	-	6,091,861	-	6,091,861	-	-	-	(6,091,861)	-100%	
OSC-BEST	557,395	-	-	-	-	-	-	-	-	-	-	557,395	-	557,395	-	557,395	-	-	-	(557,395)	-100%	
State Ethics Commission	56,816	-	-	-	-	-	-	-	-	-	-	56,816	-	56,816	-	56,816	-	-	-	(56,816)	-100%	
OSBM-Oversight Manager	163,384	-	-	-	-	-	-	-	-	-	-	163,384	-	163,384	-	163,384	10,433.57	-	10,433.57	(152,950)	-94%	
DHHS - Chemical Test	674,363	-	-	-	-	-	-	-	-	-	-	674,363	-	674,363	-	674,363	-	-	-	(674,363)	-100%	
Total Transfers to Other State Agenci	\$ 13,521,345	\$ -	-	-	-	-	-	-	-	-	-	13,521,345	-	\$ 13,521,345	\$ -	\$ 13,521,345	10,433.57	-	10,433.57	\$	(13,510,911)	-100%

Highway Fund Programs  
2022-23

Highway Fund Programs				Carry Forward Authority										APPROVED 8/11/22								
2022-23		G.S. 136-44.2 (f1) (1-4)		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 7/31/22	Federal Total Spent thru 7/31/22	Total Spent thru 7/31/22	Difference \$	Diff. %	
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	-		-	(8,862,833)	-100%	
Admin Reduction	(581,441)								-			(581,441)	-	(581,441)		(581,441)			-	581,441	-100%	
Salary Adjustment Fund	6,896,387								-			6,896,387	-	2,300,000		2,300,000			-	(2,300,000)	-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	-	22,114,039		22,114,039			-	(22,114,039)	-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	-	7,779,036		7,779,036			-	(7,779,036)	-100%	
Total Reserves	\$ 58,115,650	\$ -	-	-	3,003,304	-	-	-	3,003,304	-	-	61,118,954	-	\$ 47,901,365	\$ -	\$ 47,901,365	-	-	-	\$ (47,901,365)	-100%	
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)	123,863,748	4,668,451,302	303,677,483	2,832,865,580	98,846,174	2,931,711,754	208,966,179.01	5,000,513.49	213,966,692.50	-	(2,623,899,401)	
Capital Improvements	10,409,756			(31,558)	46,342,543	-	344,809	-	46,687,351			57,065,550		3,543,972		3,543,972	197,371.87		197,371.87	(d)	(3,346,600)	-94%
STIP/Right of Way Acquisition Transfer	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)	\$ 123,863,748	\$ 4,725,516,852	\$ 303,677,483	\$ 2,836,409,552	\$ 98,846,174	\$ 2,935,255,726	209,163,550.88	5,000,513.49	214,164,064.37	\$ (2,627,246,002)		

Trust Fund Programs  
2022-23

Trust Fund Programs 2022-23		G.S.136-186 (f)																					
				Unexpended Allotments		Unallotted Appropriations																	
		SL 2022-74 Budget	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 7/31/22	Federal Total Spent thru 7/31/22	Total Spent thru 7/31/22	Difference \$	Difference %		
Program Administration	\$	39,433,938		-			-		-		39,433,938	-	\$	39,433,938		39,433,938	2,038,024.17		2,038,024.17	\$	(37,395,914)	-95%	
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	-		-		(49,000,000)	-100%	
State Ports Authority		45,000,000		-					-		45,000,000	-		45,000,000		45,000,000	-		-		(45,000,000)	-100%	
FHWA State Match		5,104,440		-	34,152,049	-	13,154,890	-	47,306,939		52,411,379	-		5,104,440		5,104,440	403,061.39		403,061.39	(f)	(4,701,379)	-92%	
Transfer to Visitor Center		640,000		-					-		640,000	-		400,000		400,000	-		-		(400,000)	-100%	
Strategic Prioritization & Other Capital P		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)	240,743,000	13,179,575,965	7,946,801,184	1,603,272,972	2,326,668,939	3,929,941,911	218,350,311.73	55,054,568.02	273,404,879.75	(e)	(3,656,537,031)	-93%	
N.C.G.S 147-86.15 Cash Management														205,000,000		205,000,000	40,000,000.00		40,000,000.00		(165,000,000)	-80%	
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)	\$ 240,743,000	\$ 13,459,108,932	\$ 7,946,801,184	\$ 2,068,654,002	\$ 2,326,668,939	\$ 4,395,322,941	260,791,397.29	55,054,568.02	315,845,965.31	\$ (3,914,476,975)		
	\$	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)	\$ 364,606,748	\$ 18,184,625,784	\$ 8,250,478,667	\$ 4,905,063,554	\$ 2,425,515,113	\$ 7,330,578,667	469,954,948.17	60,055,081.51	530,010,029.68	\$ (6,541,722,977)		

- (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

Contingency Cash Flow was 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 8/11/22	
	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	\$ 2,142	\$ 1,996	\$ 1,789	\$ 1,644	\$ 1,629	\$ 1,746	\$ 1,754	\$ 1,948	\$ 1,899	\$ 1,726			
<b>REVENUES</b>															
State revenues	\$ 358	\$ 406	\$ 391	\$ 378	\$ 369	\$ 350	\$ 390	\$ 378	\$ 370	\$ 387	\$ 379	\$ 393	\$ 4,550	\$ 4,581	(31)
Federal aid	39	128	166	77	89	80	86	168	225	110	105	138	1,411	1,411	0
Federal aid - USDOT Discretionary Grant	1	2	2	2	2	2	2	2	2	2	3	1	22	26	(4)
Turnpike Federal Aid	(0)	-	-	-	-	-	-	-	-	-	-	-	(0)	-	(0)
Sales Tax	-	-	48	-	-	48	-	-	48	-	-	48	193	193	0
Other	3	15	13	13	10	9	8	10	9	11	9	8	118	130	(12)
	401	551	621	470	470	489	486	557	654	510	496	589	6,294	6,341	(47)
<b>BOND PROCEEDS/GARVEE</b>	-	8	24	16	18	18	14	14	11	12	9	6	148	150	(2)
<b>BUILDNC REIMBURSEMENT FROM TRUSTEE</b>	9	23	37	33	40	35	29	24	21	22	25	28	326	250	75
<b>TOTAL REVENUES &amp; OTHER RECEIPTS</b>	\$ 410	\$ 582	\$ 682	\$ 519	\$ 527	\$ 542	\$ 529	\$ 594	\$ 686	\$ 544	\$ 530	\$ 622	\$ 6,768	\$ 6,741	27
<b>CONSTRUCTION EXPENDITURES</b>															
Garvee Expenditures	0	(78)	(61)	(63)	(56)	(41)	(39)	(32)	(37)	(50)	(49)	(55)	(559)	(605)	46
Garvee Debt Service	-	(25)	-	-	-	-	-	(129)	-	-	-	-	(154)	(154)	0
Division of Mitigation Services (Formerly EEP)	(0)	-	-	(7)	-	-	(10)	-	(7)	(7)	-	-	(23)	(33)	10
BUILDNC Expenditures	(48)	(54)	(52)	(63)	(58)	(47)	(38)	(36)	(42)	(49)	(54)	(55)	(596)	(545)	(51)
BUILDNC Debt Service	-	-	-	-	(27)	-	-	-	-	-	(95)	-	(121)	(121)	0
STIP Construction - SAS	(103)	(122)	(124)	(132)	(124)	(87)	(73)	(72)	(83)	(116)	(131)	(146)	(1,314)	(1,079)	(234)
NC Mobility Fund	0	-	-	-	-	-	-	-	-	-	-	-	0	-	0
STIP Preconstruction & Holdouts	(85)	(117)	(175)	(179)	(111)	(102)	(69)	(124)	(99)	(100)	(108)	(117)	(1,388)	(1,420)	32
TIP - USDOT Discretionary Grant	(28)	(19)	(13)	(16)	(17)	(13)	(12)	(13)	(22)	(24)	(12)	(17)	(206)	(190)	(16)
Turnpike Authority	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(2)	(0)
Internal Orders	(6)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(17)	(12)	(5)
Congestion Mitigation & Air Quality (CMAQ)	(4)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(32)	(30)	(2)
<b>Total Construction</b>	\$ (274)	\$ (419)	\$ (429)	\$ (463)	\$ (397)	\$ (294)	\$ (244)	\$ (410)	\$ (287)	\$ (349)	\$ (453)	\$ (394)	\$ (4,412)	(4,191)	(221)
<b>MAINTENANCE EXPENDITURES</b>															
Other Construction - Secondary Roads	(1)	(3)	(3)	(2)	(1)	(0)	(0)	(1)	(1)	(3)	(3)	(2)	(20)	(20)	0
Other Construction - Spot Safety Improvements	(1)	(2)	(2)	(2)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(14)	(14)	0
Other Construction - Contingency	(2)	(2)	(2)	(1)	(1)	(0)	(0)	(0)	(0)	(0)	(0)	(1)	(10)	(10)	0
Other Construction - Mobility/Modernization	(64)	(7)	(7)	(7)	(7)	(7)	(3)	(1)	(1)	(1)	(1)	(1)	(107)	(107)	0
General Maintenance Reserve	(35)	(45)	(36)	(38)	(30)	(28)	(35)	(32)	(42)	(39)	(42)	(56)	(459)	(459)	0
Contract Resurfacing	(75)	(108)	(84)	(69)	(38)	(16)	(5)	(4)	(16)	(68)	(64)	(57)	(604)	(604)	0
Roadside Environmental	(8)	(9)	(9)	(9)	(10)	(7)	(8)	(7)	(8)	(8)	(10)	(18)	(112)	(112)	0



# SFY 23 Approved Spend Plan Versus Adjusted Spend Plan

Pavement Preservation	(4)	(24)	(19)	(14)	(6)	(2)	(1)	(1)	(1)	(10)	(14)	(10)	(107)	(107)	0
Bridge Program	(22)	(42)	(41)	(42)	(39)	(29)	(24)	(25)	(23)	(34)	(30)	(31)	(383)	(383)	0
Bridge Preservation	(6)	(10)	(7)	(8)	(7)	(5)	(6)	(6)	(7)	(10)	(11)	(11)	(96)	(96)	0
Emergency GMR	0	(1)	(1)	(3)	(4)	(13)	(32)	(21)	(11)	(3)	(2)	(2)	(94)	(94)	0
Disaster Funding - FEMA	(2)	(6)	(6)	(7)	(5)	(5)	(6)	(5)	(6)	(5)	(6)	(7)	(67)	(67)	0
Total Maintenance	\$ (220)	\$ (260)	\$ (217)	\$ (204)	\$ (151)	\$ (113)	\$ (121)	\$ (105)	\$ (117)	\$ (183)	\$ (184)	\$ (198)	\$ (2,072)	(2,072)	0
<b>OTHER MODES</b>															
Integrated Mobility Division	(4)	(10)	(8)	(8)	(59)	(5)	(4)	(6)	(5)	(7)	(5)	(4)	(125)	(125)	0
Ferry Capital	(2)	(1)	(1)	(1)	-	-	-	-	-	-	-	-	(4)	(3)	(1)
Ferry Division	(3)	(5)	(4)	(5)	(4)	(4)	(5)	(5)	(5)	(5)	(5)	(6)	(57)	(57)	0
Rail Division	(2)	(4)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(8)	(59)	(59)	0
Aviation Division	(4)	(8)	(39)	(8)	(7)	(23)	(4)	(4)	(23)	(4)	(5)	(24)	(152)	(152)	0
Total Other Modes	\$ (15)	\$ (29)	\$ (56)	\$ (26)	\$ (76)	\$ (37)	\$ (18)	\$ (20)	\$ (38)	\$ (21)	\$ (20)	\$ (42)	\$ (397)	(396)	(1)
<b>OTHER EXPENDITURES</b>															
Administration	(19)	(43)	(29)	(31)	(35)	(18)	(28)	(39)	(32)	(39)	(32)	(38)	(382)	(378)	(4)
Transfers to Other State Agencies	(0)	-	(17)	-	-	(17)	-	-	(17)	-	-	(17)	(67)	(67)	(0)
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)	(2)	(2)	(2)	(2)	(2)	(1)	(1)	(1)	(2)	(2)	(3)	(20)	(21)	1
Total Other Expenditures	\$ (20)	\$ (57)	\$ (125)	\$ (33)	\$ (49)	\$ (114)	\$ (29)	\$ (53)	\$ (50)	\$ (41)	\$ (46)	\$ (57)	\$ (674)	(670)	(3)
<b>TOTAL EXPENDITURES</b>	\$ (530)	\$ (765)	\$ (827)	\$ (726)	\$ (672)	\$ (557)	\$ (411)	\$ (586)	\$ (492)	\$ (593)	\$ (703)	\$ (692)	\$ (7,555)	\$ (7,331)	(225)
<b>OTHER CHANGES IN CASH</b>															
<b>N.C.G.S 147-86.15 Cash Management</b>															
Highway Fund	(40)	(50)	(30)	(15)	(15)	-	(10)	(15)	(25)	(5)	-	-	(205)		
Highway Trust Fund	40	50	30	15	15	-	10	15	25	5	-	-	205		
Total Cash Management Transfers	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-		
Working capital changes	\$ 67	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			
	\$ 67	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			
<b>NET CHANGE IN CASH</b>	\$ (52)	\$ (183)	\$ (146)	\$ (207)	\$ (145)	\$ (16)	\$ 117	\$ 8	\$ 194	\$ (49)	\$ (173)	\$ (69)			
<b>CLOSING CASH BALANCE*</b>	\$ 2,325	\$ 2,142	\$ 1,996	\$ 1,789	\$ 1,644	\$ 1,629	\$ 1,746	\$ 1,754	\$ 1,948	\$ 1,899	\$ 1,726	\$ 1,657			
<b>CLOSING CASH BALANCE (HF &amp; TF)</b>															
*Cash Balance includes Ferry Capital Fund															

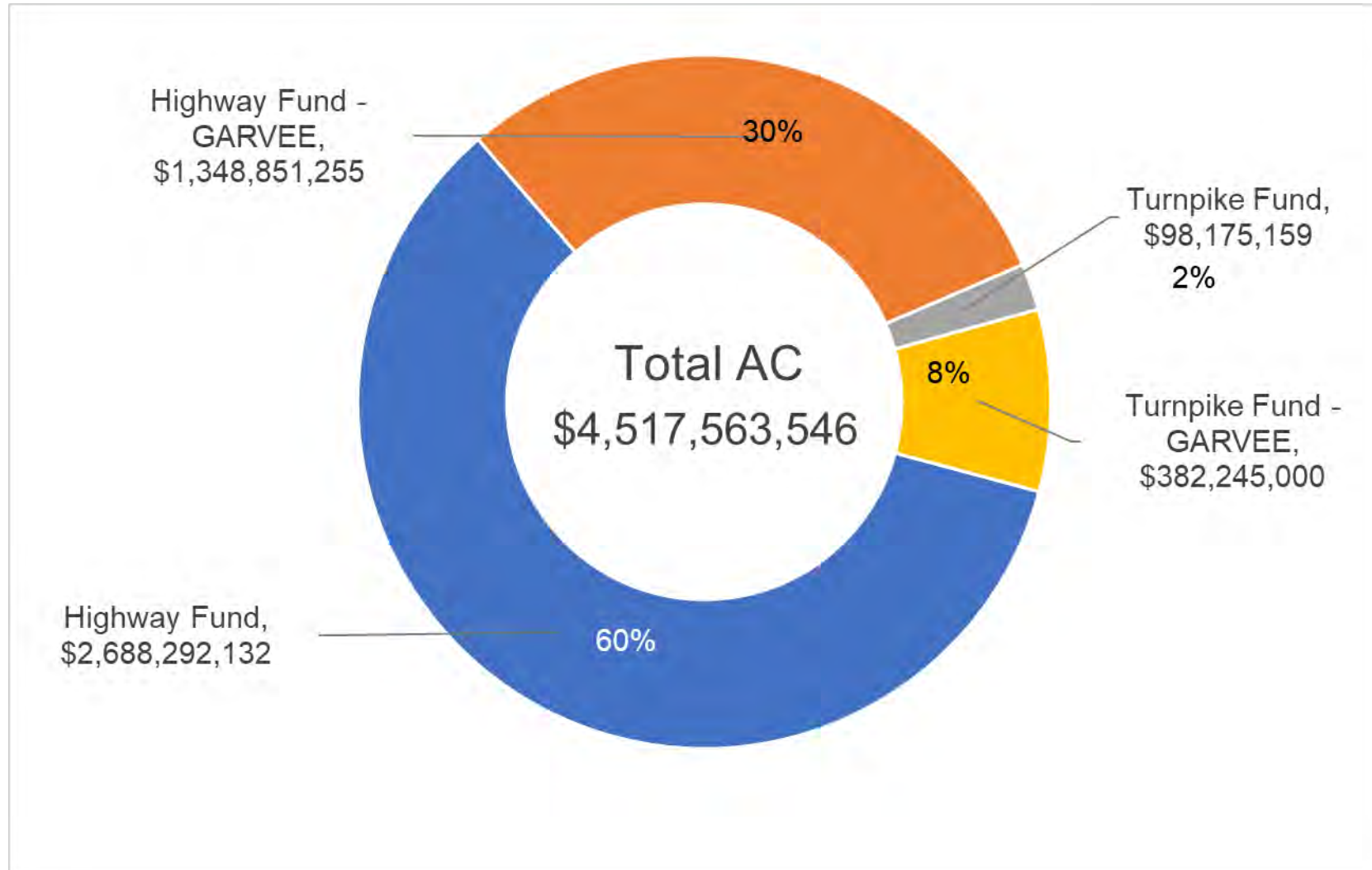
# Advance Construction

Funding Source	Unreimbursed Expenditures as of August 17, 2022	Apportionment in FY 2022**	Within Prescribed Limit?
National Highway Performance Program (NHPP)	\$160,705,729	\$549,576,129	YES
Surface Transportation Block Grant (STBG)*	\$76,732,222	\$320,376,380	YES
Highway Safety Improvement Program (HSIP)	\$56,379,831	\$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 July 2022



# Advance Construction

Funding Source	AC Amount - August 17, 2022	Allowable AC amount FY 2022**	Within Prescribed Limit?
National Highway Performance Program (NHPP)	\$1,854,058,796	\$2,198,304,516	YES
Surface Transportation Block Grant (STBG)*	\$653,595,629	\$1,281,505,520	YES
Highway Safety Improvement Program (HSIP)	\$170,951,645	\$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

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

# Project Expenditures Forecasts

## Board of Transportation Finance Committee

Johnny Stover

SAS, Lead Analytical Consultant

Greg Perfetti, PE

SAS, Transportation Industry Consultant

Wednesday, September 7, 2022



# Project Expenditures Forecasts

## Agenda

- Project Expenditure Forecast Solution
  - Overview
  - Version Evolution
  - Planned Future Refinements
- Forecast Monitoring Report
  - Overview
  - Functionality

# Project Expenditures Forecasts

## Overview

- Construction Project Expenditure Forecasts
  - STIP
  - Maintenance Programs
    - Contract Resurfacing, Pavement Preservation
    - Bridge, Bridge Preservation

- Forecasts are provided at the WBS element level





# Project Expenditures Forecasts

## Version Evolution

### V1 – Base

- 3 Forecast Model Components:
  - Total Project Cost
  - Contract Duration
  - Monthly Payouts
- Based on Historical Project Payout Data
- Initially developed for STIP Program
- Maintenance programs added (~2019)

# Project Expenditures Forecasts

## Version Evolution

### V2 – Short Term Adjustment Factor

- Address impacts of Covid
- Correction Factors applied to V1 solution to account for forecast overpredictions

Group	Project Type	Contract Bid SA Amount	Constant Factor Applied*
1	I	$\geq \$73,134,000$	0.602
2	R	$\geq \$73,134,000$	0.564
3	U	$\geq \$73,134,000$	0.648
4	U	Between \$2,628,000 - \$50,681,000	0.888

\*Monthly forecasts in each group are multiplied by the constant factor

# Project Expenditures Forecasts

## Version Evolution

### V3 – Long Term

- Adapts to changes in economic conditions
- External factors from IHS Global Insights are incorporated in V1 solution
  - NC Employment and Wage Data
- Models modernized using SAS' latest technology
- Implementation Date: August 25, 2022

# Project Expenditures Forecasts

## Version Evolution

### V4 – Planned Future Refinements for V3

- Incorporate Additional IHS data
  - NC Construction Employment
  - North America Pricing and Purchasing
- Incorporate Contract Adjustments
  - Claims, Asphalt Cement, Fuel
- Incorporate Anticipated Work Start Dates
  - Contract Resurfacing, Bridge Projects

# Project Expenditures Forecasts

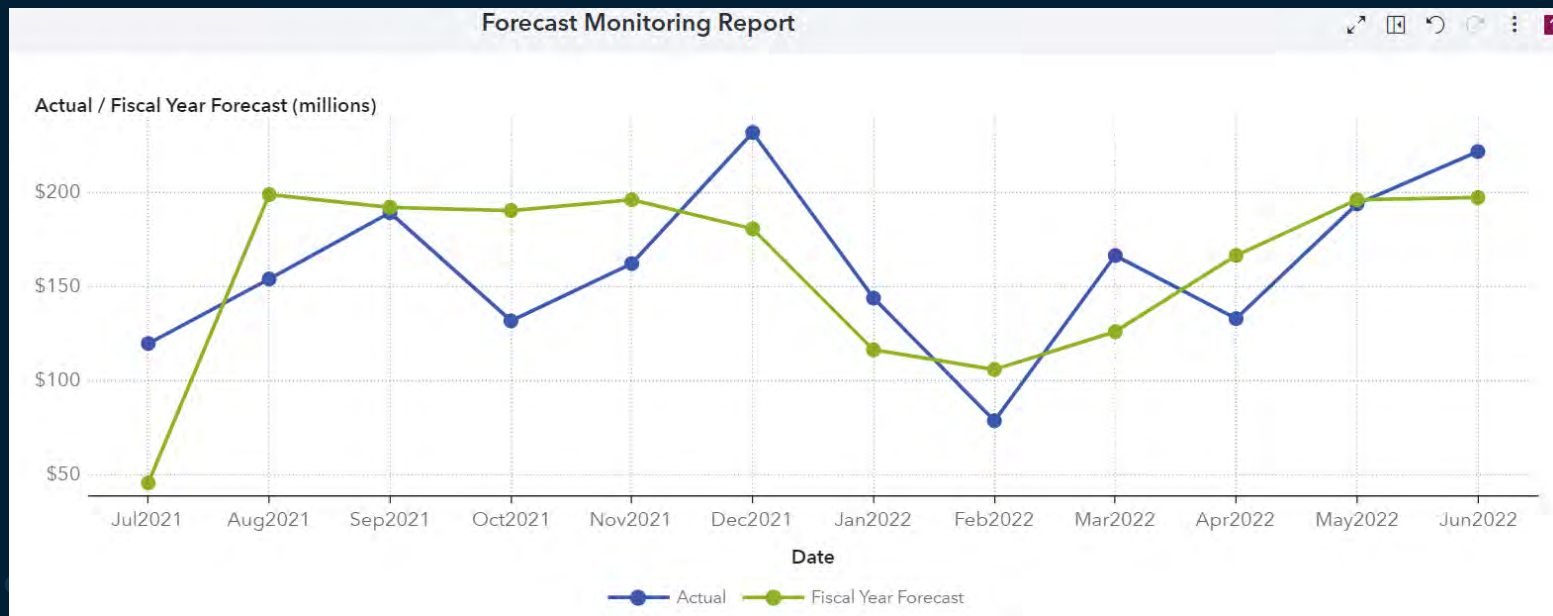
## Forecast Monitoring Reports

- Ability to compare forecast and actual expenditures
  - STIP or Maintenance Programs
- Allows user to drill down to level of interest
  - Program, Project Type, Contract, WBS, Division, etc.
- Allows user to select period of interest
- Dual purpose
  - SAS – Model Performance
  - DOT – Spend Plan Variance

# Project Expenditures Forecasts

## Forecast Monitoring Reports

STIP – Overall performance, by month



# Project Expenditures Forecasts

## Forecast Monitoring Reports

### STIP – Performance by Project Type

Forecast Variance						
Select Fiscal Year (Required)			Select Quarter (Optional)			
2022			Quarter			
FY / Quarter	▲ Project Type	▲ Actual	Forecast		Amount Difference	Percent Difference
FY 2022	B	\$101,855,461	\$107,219,248		(\$5,363,786)	-5%
FY 2022	I	\$697,489,097	\$732,708,101		(\$35,219,003)	-5%
FY 2022	R	\$511,847,523	\$539,530,946		(\$27,683,422)	-5%
FY 2022	U	\$487,506,923	\$369,895,386		\$117,611,538	24%
		Sum:	\$1,798,699,005	Sum:	\$1,749,353,679	Total: \$49,345,326 Total: 3%

# Project Expenditures Forecasts

## Forecast Monitoring Reports

STIP – by Contract, e.g., C204368





# Project Expenditures Forecasts

## Forecast Monitoring Reports

STIP – by WBS, e.g., 34542.3.6 and 34542.3.7



Date	WBS #	Actual	Forecast	% Difference
Jul2022	34542.3.6	\$252,807	\$1,827,810	(623%)
Jul2022	34542.3.7	\$66,276	\$1,545,964	(2,233%)
Aug2022	34542.3.6	\$1,497,923	\$2,007,719	(34%)
Aug2022	34542.3.7	\$2,002,542	\$1,703,510	15%
Sep2022	34542.3.6		\$1,821,685	
Sep2022	34542.3.7		\$1,540,600	
Oct2022	34542.3.6		\$2,033,586	
Oct2022	34542.3.7		\$1,726,162	
Nov2022	34542.3.6		\$1,580,923	
Nov2022	34542.3.7		\$1,329,764	
Dec2022	34542.3.6		\$1,619,417	
Dec2022	34542.3.7		\$1,363,473	
Jan2023	34542.3.6		\$982,865	
Jan2023	34542.3.7		\$806,045	
Feb2023	34542.3.6		\$924,621	
Feb2023	34542.3.7		\$755,041	
Mar2023	34542.3.6		\$957,271	
Mar2023	34542.3.7		\$783,632	
Apr2023	34542.3.6		\$1,370,141	
Apr2023	34542.3.7		\$1,145,183	
May2023	34542.3.6		\$1,559,050	
May2023	34542.3.7		\$1,310,610	
Jun2023	34542.3.6		\$1,537,977	
Jun2023	34542.3.7		\$1,292,156	

A series of horizontal bars of varying lengths and colors (teal, blue, and purple) are arranged vertically on the left side of the slide, creating a decorative pattern.

# Thank You!

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## **NORTH CAROLINA** Department of Transportation



# Board of Transportation Finance Committee Meeting Spend Plan Amendment # 2

Michelle Ellis, Director of Cash Management and Forecasting

September 7, 2022

# Executive Summary

# Financial Highlights

## Proposed Amendment 2 Impact on SFY 2023

As part of the proposed amendment to the FY23-24 Spend Plan (Amendment 2), NCDOT is seeking to an increase in cash of \$25 million.

Proposed Amendment 2 Financial Impact			
(\$ in millions)			
SFY 2023			
	Spend Plan Amendment #1	Spend Plan Amendment #2	Difference Amendment #1 vs. Amendment #2
Revenues	6,341	6,819	478
Garvee Reimbursement	150	148	(2)
BuildNC	250	326	75
<b>Total Revenue</b>	<b>6,741</b>	<b>7,293</b>	<b>552</b>
Construction	(4,191)	(4,412)	221
Maintenance Expenditures	(2,072)	(2,299)	227
Other Modes	(396)	(525)	128
Other Expenditures	(670)	(689)	18
<b>Total Expenditures</b>	<b>(7,331)</b>	<b>(7,925)</b>	<b>594</b>
<b>Working Capital Changes</b>	<b>-</b>	<b>67</b>	<b>(67)</b>
<b>Net Change in Cash</b>	<b>(589)</b>	<b>(564)</b>	<b>(25)</b>
<b>Ending Cash</b>	<b>1,788</b>	<b>1,812</b>	<b>(25)</b>

Proposed Amendment 2 Line Detail

1

The revenue outlook has increased by \$552 million between the Amendment #1 and Amendment 2 primarily due to \$177 million of August Redistribution and \$305 million for SL 2022-74 Economic Development from Department of Commerce for VinFast Plant in Chatham County, Buncombe County Interchange, SCIF Section J Item 21 Facility replacement and repair for Highway Division offices and Ferry Division capital projects and Section H Items 26-35 Various Airports across the state, Revised federal revenue from FAA and FRA to correspond with Aviation and Rail Division projected federal expenditures.

2

Total expenditures increased by \$594 million largely due to target changes and construction forecast adjustments

# Financial Highlights

## Proposed Amendment 2 Impact on SFY 2024

As a result of the SFY23 Spend Plan Amendment 2, the following changes have occurred to the SFY 24 financials

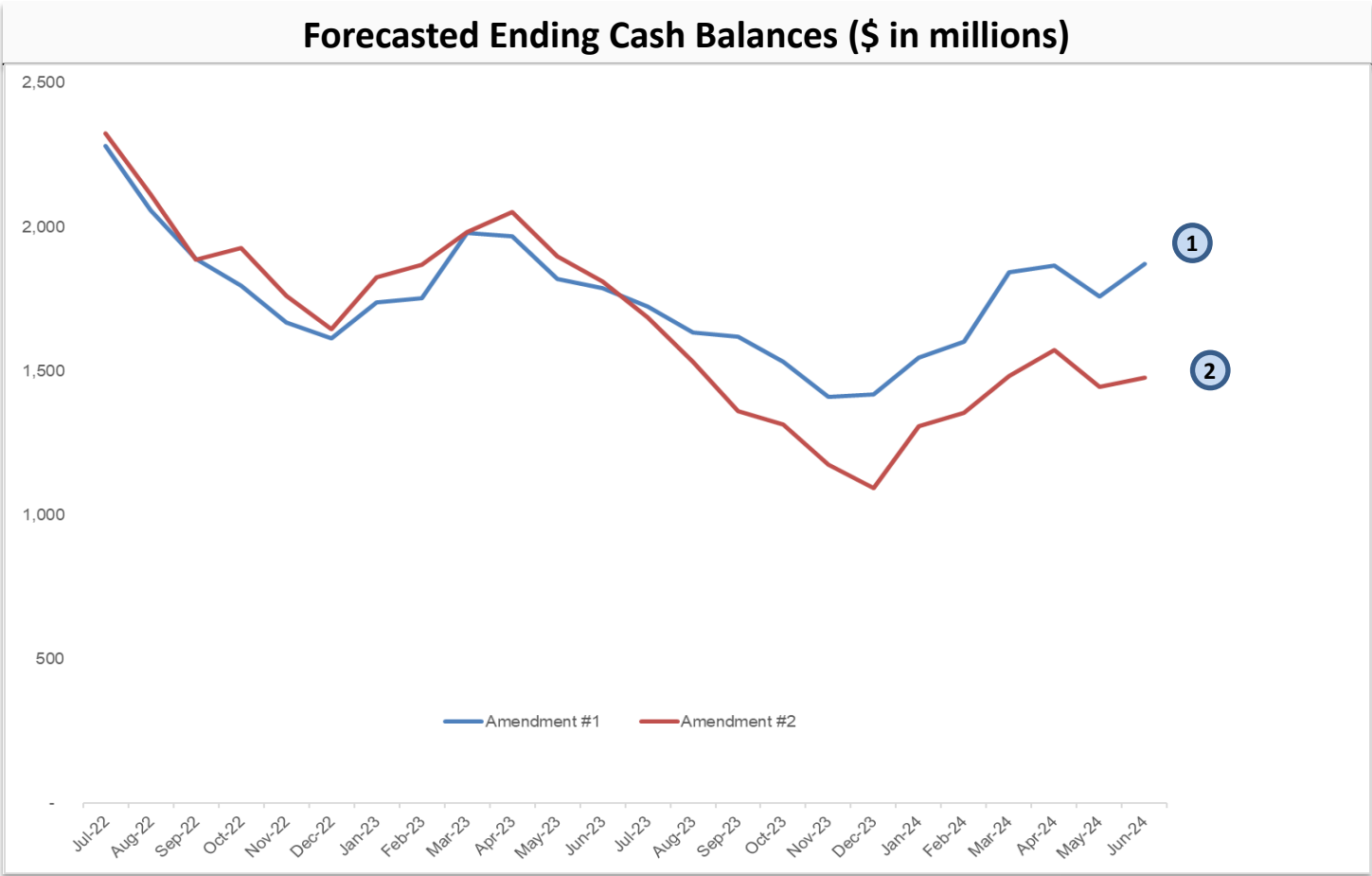
Proposed Amendment 2 Financial Impact			
(\$ in millions)			
SFY 2024			
	Spend Plan Amendment #1	Spend Plan Amendment #2	Difference Amendment #1 vs. Amendment #2
Revenues	6,693	6,745	(52)
Garvee Reimbursement	23	29	(6)
BuildNC	92	88	4
<b>Total Revenue</b>	<b>6,807</b>	<b>6,862</b>	<b>(55)</b>
Construction	(3,927)	(4,212)	285
Maintenance Expenditures	(1,738)	(1,909)	171
Other Modes	(374)	(374)	-
Other Expenditures	(685)	(701)	16
<b>Total Expenditures</b>	<b>(6,723)</b>	<b>(7,196)</b>	<b>472</b>
<b>Working Capital Changes</b>	-	-	-
<b>Net Change in Cash</b>	<b>84</b>	<b>(334)</b>	<b>418</b>
<b>Ending Cash</b>	<b>1,871</b>	<b>1,478</b>	<b>393</b>

Proposed Amendment 2 Line Detail	
<div>1</div> Total expenditures increased \$472 million largely due to target changes and construction forecast adjustments	



# Financial Highlights

The ending cash balance for SFY23 decreased by \$285 million from Amendment 1 to Amendment 2.



**Proposed Amendment 2 Line Detail**

- ① Amendment 1 had SFY23 ending cash at \$1,788 million and SFY24 ending cash balance at \$1,871 million
- ② Amendment 2 had SFY23 ending cash at \$1,812 million and SFY24 ending cash balance at \$1,478 million

# SFY 2023

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*Detailed Changes Between  
the Original Spend Plan & Spend Plan Amendment #1*



# Financial Highlights

## Proposed Amendment 2 Impact on SFY 2023

Under NCDOT’s Amendment 2, Total Revenue will increase by \$552 million from Amendment #1.

Amendment 2 Impact on Forecasted Revenue			
(\$ in millions)			
	Spend Plan Amendment #1	Spend Plan Amendment #2	Difference Amendment #1 vs. Amendment #2
Revenues			
State revenues	4,581	4,581	0
Federal aid	1,411	1,588	177
Federal aid - InfraGrant	26	22	(4)
Turnpike Federal Aid	-	(0)	(0)
Sales Tax	193	193	-
Other	130	435	305
Total Revenue	6,341	6,819	478
Trustee Reimbursements			
GARVEE Reimbursement	150	148	(2)
BuildNC Reimbursement	250	326	75
Total Trustee Reimbursements	401	474	73
Total Revenue & Other Receipts	6,741	7,293	552

Proposed Amendment 2 Line Detail	
1	\$177 million increase due to August Redistribution
2	\$305 million increase due to SL 2022-74 Economic Development from Department of Commerce for VinFast Plant in Chatham County, Buncombe County Interchange, SCIF Section J Item 21 Facility replacement and repair for Highway Division offices and Ferry Division capital projects and Section H Items 26-35 Various Airports across the state, Revised federal revenue from FAA and FRA to correspond with Aviation and Rail Division projected federal expenditures.

# SFY 2023 Proposed Construction Expenditure Changes

Construction expenditure guidance increased by a total of \$221m in SFY 2023.

Amendment 2 Impact on Forecasted Construction Expenditures			
(\$ in millions)			
	Spend Plan Amendment #1	Spend Plan Amendment #2	Difference Amendment #1 vs. Amendment #2
Construction Expenditures			
Garvee Expenditures	(605)	(559)	(46)
Garvee Debt Service	(154)	(154)	-
Division of Mitigation Services (Formerly EEP)	(33)	(23)	(10)
BUILDNC Expenditures	(545)	(596)	51
BUILDNC Debt Service	(121)	(121)	-
STI	(1,079)	(1,314)	234
NC Mobility Fund	-	0	(0)
TIP	(1,420)	(1,388)	(32)
TIP - InfraGrant	(190)	(206)	16
Turnpike Authority	(2)	(2)	0
Internal Orders	(12)	(17)	5
Congestion Mitigation & Air Quality (CMAQ)	(30)	(32)	2
Total Construction Expenditures	(4,191)	(4,412)	221

Proposed Amendment 2 Line Detail

1

The increase in STI expenditures of \$234 million is due to changes in SAS forecast modeling.

# SFY 2023 Proposed Maintenance Expenditure Changes

Maintenance expenditures increased \$227 million from Amendment #1 to Amendment #2.

Amendment 2 Impact on Forecasted Maintenance Expenditures			
(\$ in millions)			
	Spend Plan Amendment #1	Spend Plan Amendment #2	Difference Amendment #1 vs. Amendment #2
Maintenance Expenditures			
Other Construction - Secondary Roads	(20)	(8)	(12)
Other Construction - Spot Safety Improvement	(14)	(15)	1
Other Construction - Contingency	(10)	(11)	1
Other Construction - Mobility/Modernization	(107)	(447)	340
General Maintenance Reserve	(459)	(570)	111
Contract Resurfacing	(604)	(578)	(26)
Roadside Environmental	(112)	(112)	0
Pavement Preservation	(107)	(99)	(8)
Bridge Program	(383)	(215)	(167)
Bridge Preservation	(96)	(83)	(13)
Undeclared Disasters including Snow & Ice	(94)	(94)	-
Disaster Funding - FEMA	(67)	(67)	-
Total Maintenance Expenditures	(2,072)	(2,299)	227

1

Proposed Amendment 2 Line Detail	
1	Increase of \$227 million due to target changes

# SFY 2023 Proposed Other Modes & Expenditures Changes

Total changes in Other Modes of an increase of \$128 million and Other Expenditures of an increase of \$18 million.

Amendment 2 Impact on Forecasted Other Modes Expenditures			
(\$ in millions)			
	Spend Plan Amendment #1	Spend Plan Amendment #2	Difference Amendment #1 vs. Amendment #2
Other Modes Expenditures			
Integrated Mobility Division (Includes Federal)	(125)	(125)	-
Integrated Mobility Division - New Starts	(3)	(8)	5
Ferry Operations	(57)	(58)	1
Railroad program (Includes Federal)	(59)	(123)	64
Airports (Includes Federal)	(152)	(210)	58
Total Other Modes Expenditures	(396)	(525)	128
	Spend Plan Amendment #1	Spend Plan Amendment #2	Difference Amendment #1 vs. Amendment #2
Other Expenditures			
Administration	(378)	(397)	19
Transfers to Other State Agencies	(67)	(67)	0
Transfers to General & Emergency Fund/NCTA	(49)	(49)	-
State aid to municipalities	(155)	(155)	-
Debt Service	-	-	-
Other Programs	(21)	(21)	(0)
Total Other Expenditures	(670)	(689)	18

1

2

Proposed Amendment 2 Line Detail	
1	Other Modes increase \$128 million
2	Other Expenditures increase \$18 million

# SFY 2024

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*Detailed Changes Between  
the Original Spend Plan & Spend Plan Amendment #1*

# SFY 2024 Proposed Revenue Changes

Under NCDOT’s Amendment 2, there was a \$55 million increase in revenue.

Amendment 2 Impact on Forecasted Revenue			
(\$ in millions)			
	Spend Plan	Spend Plan	Difference
	Amendment #1	Amendment #2	Amendment #1 vs. Amendment #2
Revenues			
State revenues	4,669	4,669	-
Federal aid	1,498	1,548	50
Federal aid - InfraGrant	14	14	0
Turnpike Federal Aid	-	-	-
Sales Tax	401	401	-
Other	111	113	2
Total Revenue	6,693	6,745	52
Trustee Reimbursements			
GARVEE Reimbursement	23	29	6
BuildNC Reimbursement	92	88	(4)
Total Trustee Reimbursements	114	117	2
Total Revenue & Other Receipts	6,807	6,862	55

Proposed Amendment 2 Line Detail	
1	\$50 million increase due to August Redistribution

# SFY 2024 Proposed Construction Expenditure Changes

Increase of \$285 million

Amendment 2 Impact on Forecasted Construction Expenditures			
(\$ in millions)			
	Spend Plan	Spend Plan	Difference
	Amendment #1	Amendment #2	Amendment #1 vs. Amendment #2
Construction Expenditures			
Garvee Expenditures	(523)	(515)	(8)
Garvee Debt Service	(118)	(118)	-
Division of Mitigation Services (Formerly EEP)	(20)	(20)	-
BUILDNC Expenditures	(366)	(406)	40
BUILDNC Debt Service	(121)	(121)	-
STI	(1,284)	(1,551)	268
NC Mobility Fund	-	-	-
TIP	(1,283)	(1,264)	(19)
TIP - InfraGrant	(168)	(172)	4
Turnpike Authority	(2)	(2)	-
Internal Orders	(12)	(12)	-
Congestion Mitigation & Air Quality (CMAQ)	(30)	(30)	-
Total Construction Expenditures	(3,927)	(4,212)	285

1

Proposed Amendment 2 Line Detail	
1	Increase of \$285 million from Amendment #2



# SFY 2024 Proposed Maintenance Expenditure Changes

Maintenance expenditures are increased by \$171 million from Amendment #1

Amendment 2 Impact on Forecasted Maintenance Expenditures (\$ in millions)			
	Spend Plan Amendment #1	Spend Plan Amendment #2	Difference Amendment #1 vs. Amendment #2
Maintenance Expenditures			
Other Construction - Secondary Roads	(12)	(12)	-
Other Construction - Spot Safety Improvement	(12)	(12)	0
Other Construction - Contingency	(12)	(12)	-
Other Construction - Mobility/Modernization	(41)	(41)	-
General Maintenance Reserve	(310)	(461)	151
Contract Resurfacing	(445)	(445)	-
Roadside Environmental	(96)	(117)	21
Pavement Preservation	(79)	(79)	-
Bridge Program	(484)	(484)	-
Bridge Preservation	(85)	(84)	(1)
Undeclared Disasters including Snow & Ice	(94)	(94)	-
Disaster Funding - FEMA	(67)	(67)	-
Total Maintenance Expenditures	(1,738)	(1,909)	171

1

Proposed Amendment 2 Line Detail	
1	Maintenance expenditures increased by \$171 million



# SFY 2024 Proposed Other Modes & Expenditures Changes

There were no changes to the Other Modes in Amendment #2 but Other Expenditures increased 16 million due to administration.

Amendment 2 Impact on Forecasted Other Expenditures			
(\$ in millions)			
Other Modes Expenditures	Spend Plan	Spend Plan	Difference
	Amendment #1	Amendment #2	Amendment #1 vs. Amendment #2
Integrated Mobility Division (Includes Federal)	(106)	(106)	-
Integrated Mobility Division - New Starts	-	-	-
Ferry Operations	(57)	(57)	-
Railroad program (Includes Federal)	(56)	(56)	-
Airports (Includes Federal)	(154)	(154)	-
Total Other Modes Expenditures	(374)	(374)	-
Other Expenditures	Spend Plan	Spend Plan	Difference
	Amendment #1	Amendment #2	Amendment #1 vs. Amendment #2
Administration	(387)	(403)	16
Transfers to Other State Agencies	(69)	(69)	-
Transfers to General & Emergency Fund/NCTA	(49)	(49)	-
State aid to municipalities	(159)	(159)	-
Debt Service	-	-	-
Other Programs	(22)	(22)	0
Total Other Expenditures	(685)	(701)	16

1

2

Proposed Amendment 2 Line Detail	
1	No Changes in Other Modes for SFY 2024.
2	Other expenditures changed \$16 million due to administration.



## **NORTH CAROLINA**

Department of Transportation

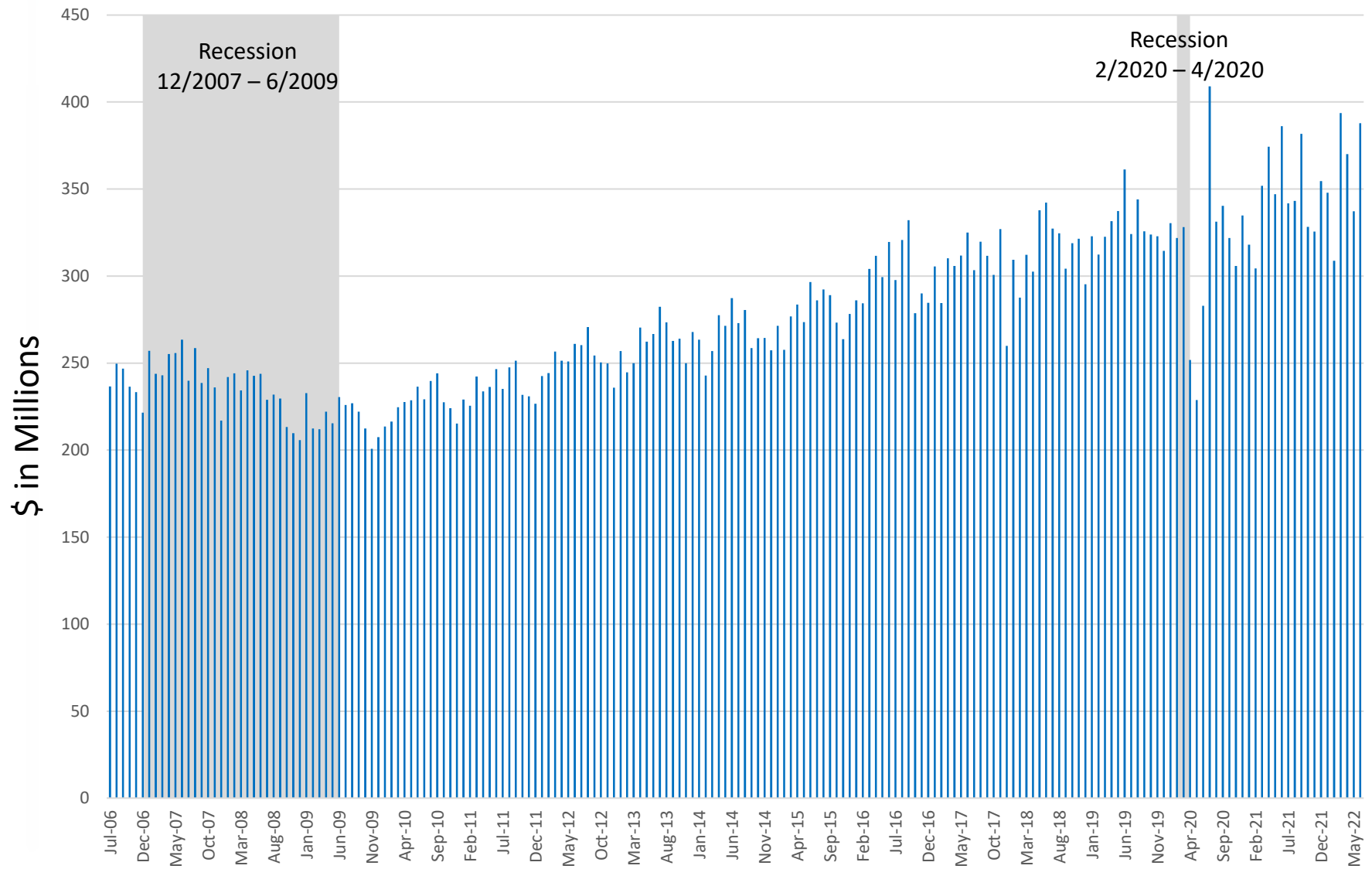


# State Revenue – Historical Analysis

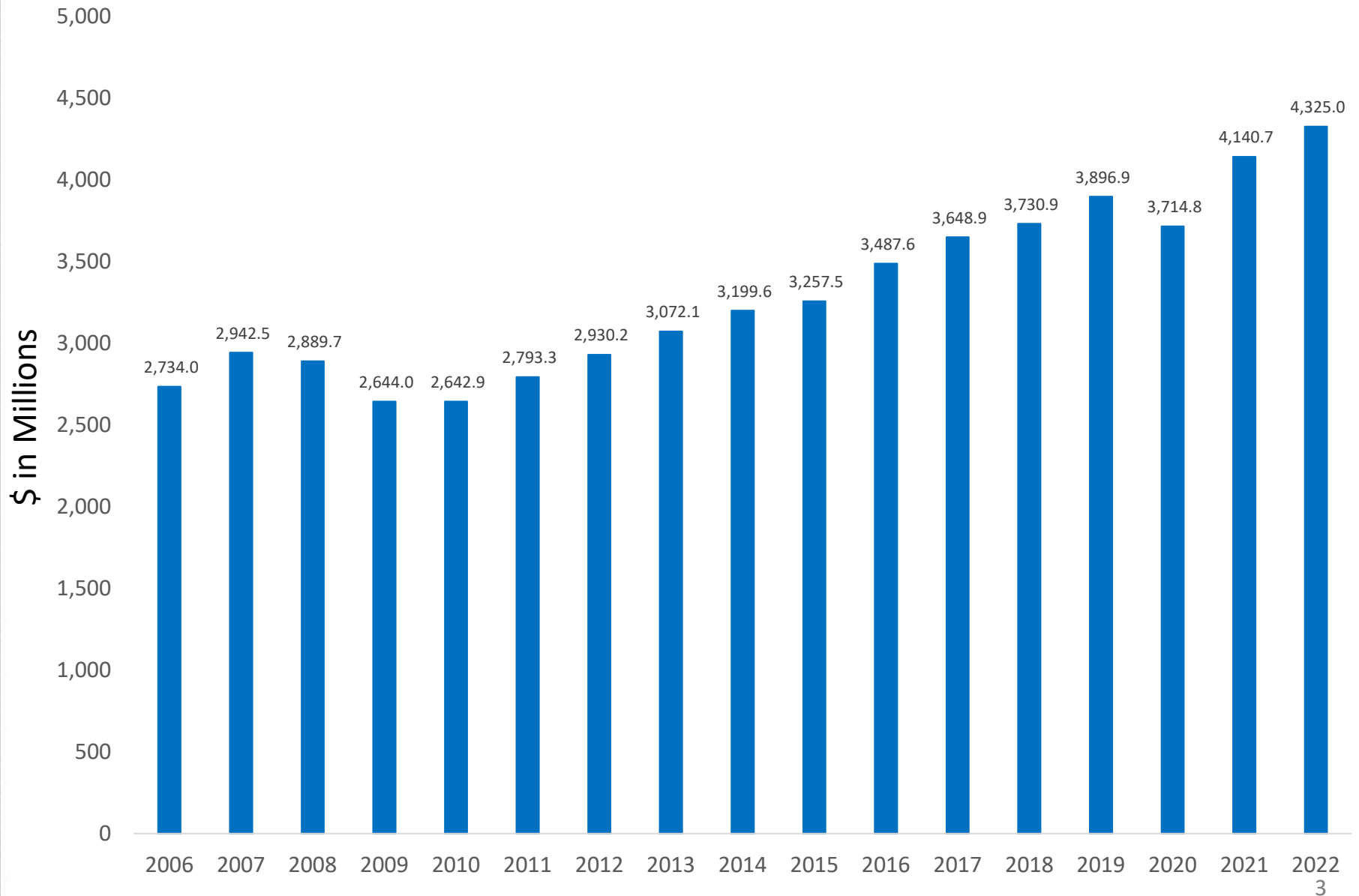
Amna Cameron

September 7, 2022

# SFY 2007-2022 – Monthly Transportation Revenues



## SFY 2007-2022 – Transportation Revenues



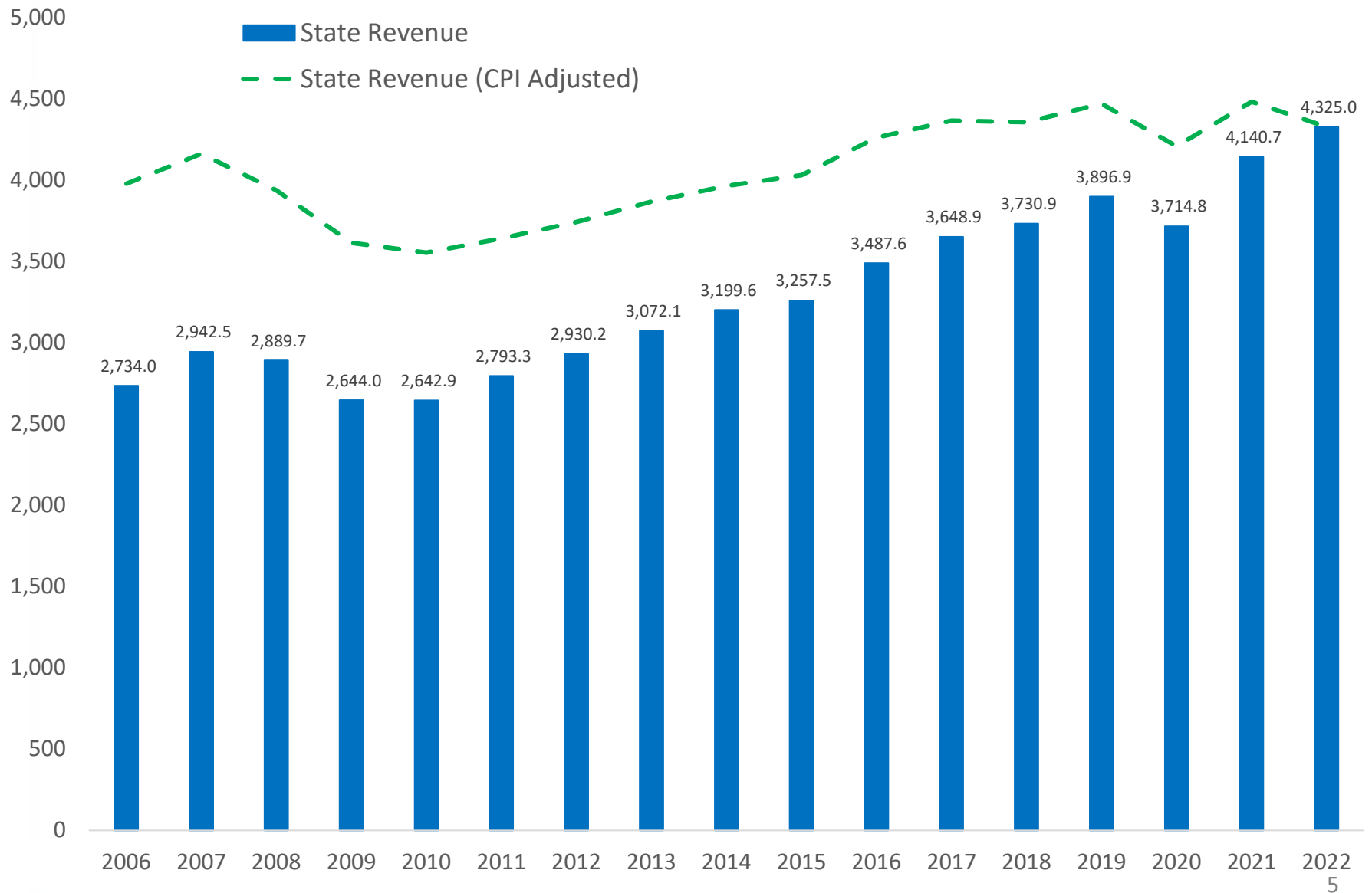
# Year Total State Revenues Comparison

NC Population

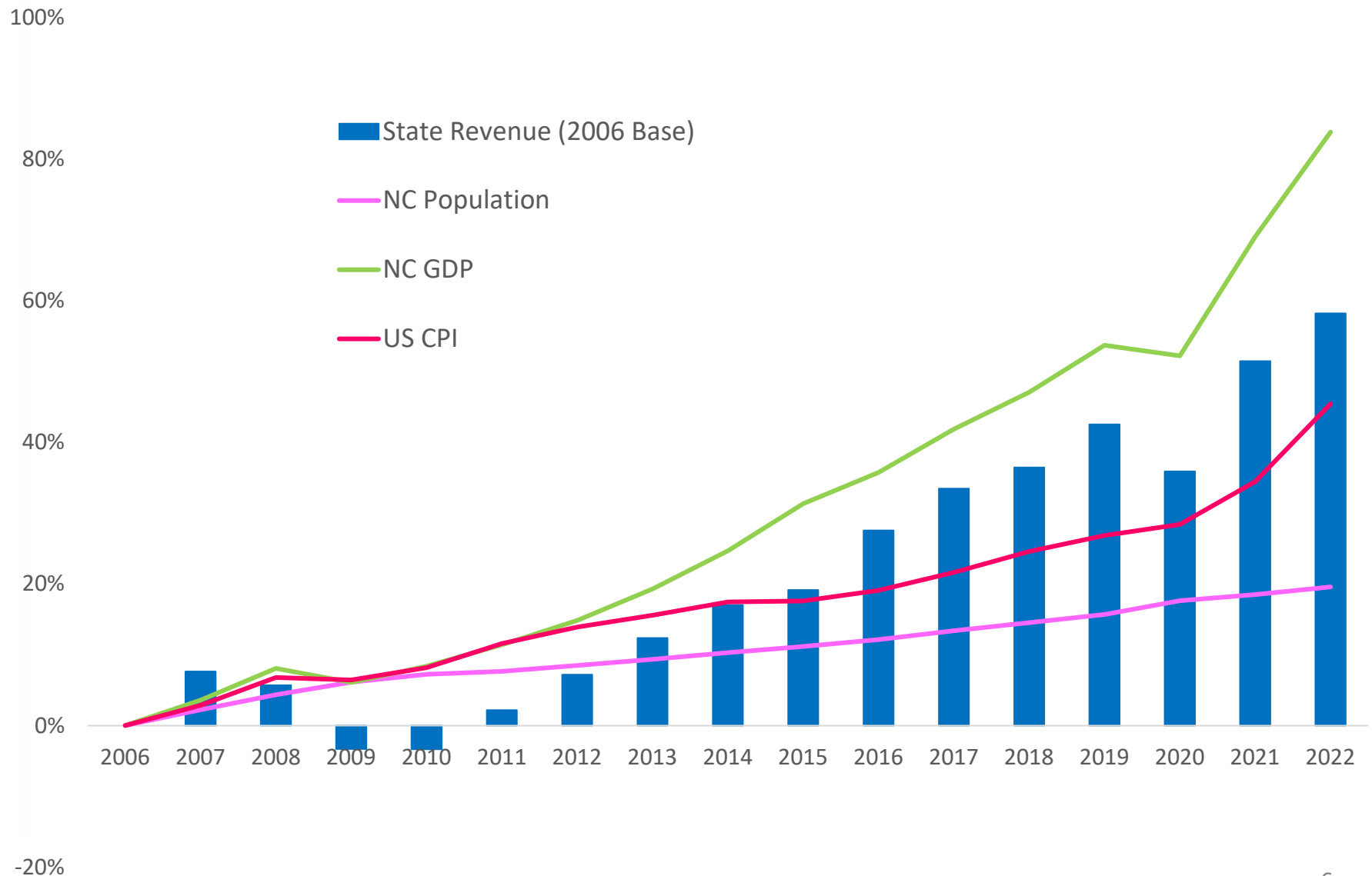
NC Gross Domestic Product (GDP)

US Consumer Price Index (CPI)

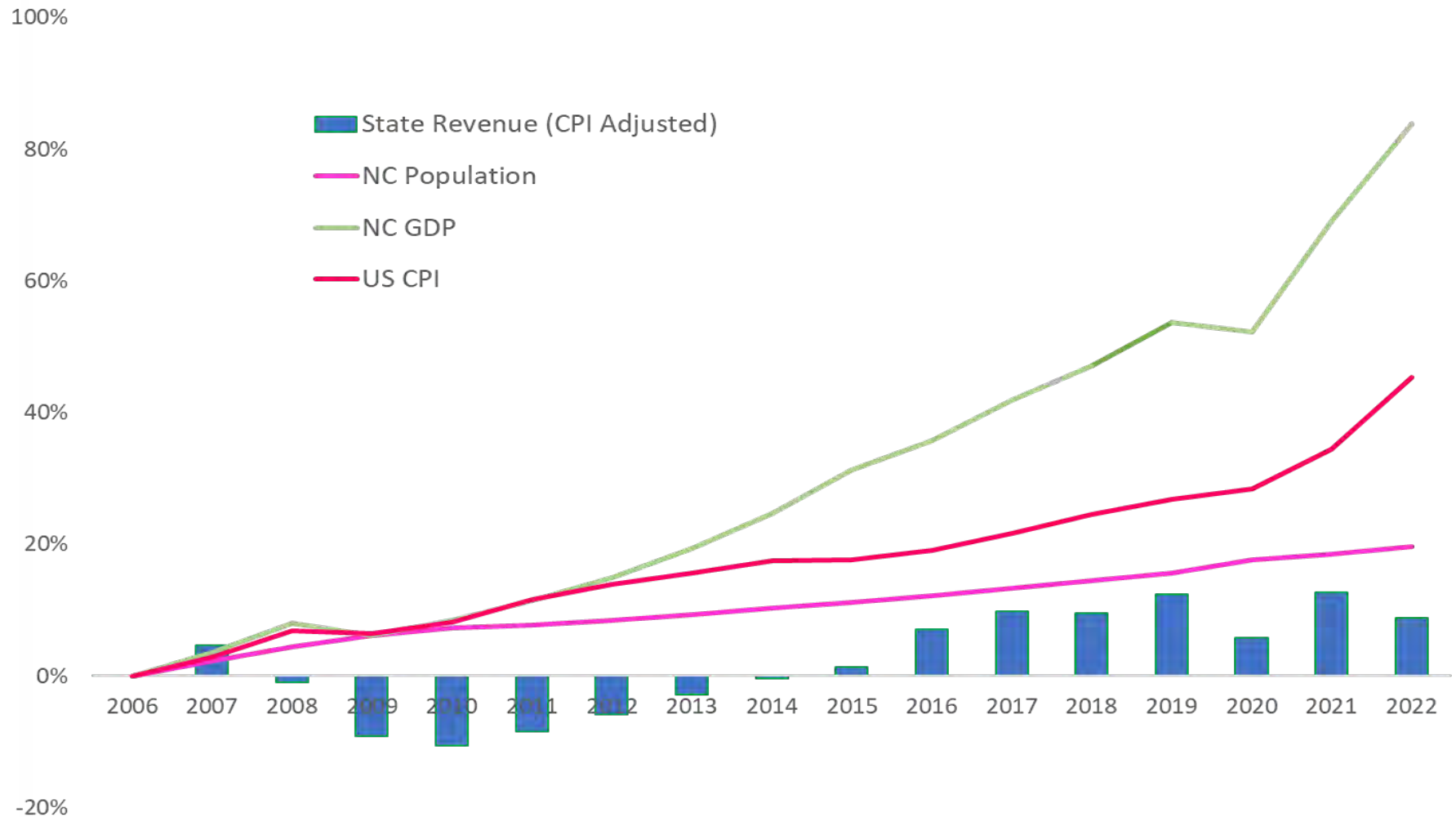
## FY 2006-2022 Total Revenues



# Percent Cumulative Change (2006 Base)



# Percent Cumulative Change







# HIGHWAYS COMMITTEE MEETING MINUTES

DATE: 8/10/2022 TIME: 3:00 PM LOCATION: Room 150 (Board Room)

MEETING CALLED BY	Committee Vice Chair Dirk Cody
BOARD ATTENDEES	Members Andy Wells, Grady Hunt, Melvin Mitchel, Pat Molamphy, Stephen Rosenburgh

## AGENDA TOPICS

1. Call to Order, Roll Call, Declaration of Quorum, Non-Conflict Statement and Consideration of the May 4th Meeting Minutes – Committee Vice Chair Cody	
DISCUSSION SUMMARY	<p>Vice Chair Cody called the meeting to order at 3:04pm and declared a quorum was present.</p> <p>Vice Chair Cody stated that the minutes were distributed prior to the meeting, and if there are no additions or corrections, he would accept a motion that the minutes from the May 4, 2022 meeting be approved as submitted.</p>
ACTIONS TAKEN	<p>Vice Chair Cody asked for a motion to approve the May 4, 2022, meeting minutes. Board Member Melvin Mitchell made the motion to approve the minutes and Board Member Stephen Rosenburgh provided the second. Members voted in favor of approving the minutes and the May 4, 2022 minutes were approved unanimously.</p>
2. Severe Weather Preparedness and Financial Recovery. Presented by Ms. Emily McGraw, PE, State Maintenance Engineer and Mr. Joshua Kellen, PE, Training and Development Engineer, State Maintenance Operations.	
DISCUSSION SUMMARY	<p>The Highways Committee heard two presentations on August 10, 2022.</p> <p><b>The first presentation...</b></p> <p><i>Severe Weather Preparedness and Financial Recovery</i></p> <p>Ms. Emily McGraw, State Maintenance Engineer and Mr. Josh Kellen, Training and Development Engineer, in State Maintenance Operations shared an overview of NCDOT's severe weather preparedness and status of financial recovery from past storms. Mr. Kellen discussed tools NCDOT uses preparing for and responding to storms including FIMAN, Bridge Watch, SharePoint, Drive NC, Survey 123 and Public Information. Response plans and drills were also discussed. Ms. McGraw shared an overview of the Department's financial recovery efforts including collaboration efforts with federal partners, FEMA and FHWA. A summary of past event expenditures and reimbursements was discussed.</p> <p>Discussion followed.</p>



# HIGHWAYS COMMITTEE MEETING MINUTES

<b>3. Asset Management: Total Cost of Ownership</b> Presented by Ms. Kristin Barnes, PE, Director of Highway Operations, NCDOT Office of the Chief Engineer.	
<b>DISCUSSION SUMMARY</b>	<p>The second presentation heard by the Highways Committee ...</p> <p><i>ArTEMIS</i></p> <p>Ms. Kristin Barnes, Director of Highway Operations, provided an update on the ArTEMIS project that included:</p> <p>(1) Vision of ArTEMIS – a long-term perspective of highway assets by understanding the Total Cost of Ownership: What does it cost to own and operate our state’s 80,000-mile system from planning, design, construction, operation and maintenance, and finally to replacement at the end of an asset’s useful life</p> <p>(2) Assess and refine processes for maintenance planning, working the plan and tracking results.</p> <p>(3) Developing a single source of asset data incorporating new data collection methodologies and condition analytics including developing tools ‘for the field , by the field’.</p> <p>ArTEMIS effort started over a year ago and is sharpening Highway Operations’ ability to shift to performance and condition-based maintenance, shift to preventative maintenance to maximize the asset life and create consistent expenditures, and proactively communicate need and impact over time.</p> <p>Discussion followed.</p>
<b>ACTIONS TAKEN</b>	NONE TAKEN
<b>4. ADJOURNMENT</b>	<p>Committee Vice Chair Cody asked for a motion to adjourn the meeting.</p> <p>Board Member Stephen Rosenburgh made the motion to adjourn, and Board Member Andy Wells provided the second. The meeting was adjourned unanimously.</p>

Meeting adjourned at 3:48pm



# HIGHWAYS COMMITTEE AGENDA

## BOARD OF TRANSPORTATION SEPTEMBER 7, 2022

TIME: Immediately following the DMV and EDIR Committees, Estimated 3:45 PM - 5:00 PM

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 August 10, 2022 Meeting Minutes	Mr. Dirk Cody, Committee Vice Chair	5 min.
Contract Award Process	Mr. Jon Weathersbee, PE State Estimating Engineer Contract Standards and Development	30 min.
Resiliency of Transportation Infrastructure	Mr. Matthew Lauffer, PE Assistant State Hydraulics Engineer Hydraulics Unit Ms. Nastasha Earle-Young Statewide Initiatives Engineer Technical Services Unit Mr. Colin Mellor Eastern Regional Team Lead Environmental Policy Unit	30 min.
Other Discussion	Committee Vice Chair Cody	10 min.
Adjourn	All	



**NORTH CAROLINA**  
Department of Transportation

# Contract Award Process

Jon Weathersbee, PE

State Estimating Engineer – Contract Standards & Development

September 7, 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

## Path to Project Award



## Engineer's Estimate

- Official cost estimate based on final quantities
- Incorporates two pricing methods:
  - Bid-based (historical data)
  - Cost-based (equipment, labor, production rates)
- Remains CONFIDENTIAL until letting



## Why do we need them?

- Determine a fair and reasonable price for work
- Compared to bids as basis for award or rejection

# Letting Results (Item C)

HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
JUNE 21, 2022  
DIVISION 3

PAGE: 4 of 15  
ITEM C

C204747  
50115.3.3  
0074232  
NEW HANOVER  
U-5710A

PROPOSAL LENGTH 0.251 MILES

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

LOCATION DRYSDALE DR EXTENSION FROM US-17 (MILITARY CUTOFF RD) AT DRYSDALE DR TO US-74 (EASTWOOD RD).

EST CONST PROGRESS..... FY-2023...55% OF BID  
FY-2024...43% OF BID  
FY-2025...02% OF BID

RPN 005      5 BIDDER(S)      DBE GOAL 8.00 %  
ESTIMATE 7,139,693.20

DATE AVAILABLE AUG 01 2022  
INTER COMPLETION AUG 01 2024 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR PERMANENT VEGETATION ESTABLISHMENT  
FINAL COMPLETION JAN 28 2025

	\$ TOTALS	% DIFF
CHATHAM CIVIL CONTRACTING LLC SILER CITY, NC	7,199,999.99	+0.8
BALFOUR BEATTY INFRASTRUCTURE INC WILMINGTON, NC	7,592,599.74	+6.3
HIGHLAND PAVING CO LLC FAYETTEVILLE, NC	8,160,888.86	+14.3
SEALAND CONTRACTORS CORP MIDLAND, NC	8,264,146.55	+15.7
S T WOOTEN CORPORATION WILSON, NC	9,474,051.30	+32.7

## Bid Review: Low Bid vs. Estimate



### Low bid more than - 15% BELOW estimate

- Estimate reviewed for mistakes
- Result of increased competition
- Contractor may own required equipment or materials



### Low bid from -15% BELOW to +10% ABOVE estimate

- Established threshold for award
- Supported by FHWA guidance
- In line with other state DOT practices



### Low bid +10% ABOVE estimate

- Exceeds normally acceptable threshold
- Require in-depth analysis of bids and estimate
- Most of bid review effort is here



## When Low Bid More Than +10% ABOVE Estimate

- Review bid tabs and estimate to identify items driving overage
- Contact bidders for feedback
- Revise estimate if justified by feedback, subcontractor quotes
- Assess contract time impacts for re-let (completion date, ICTs, moratoria, construction season)
- Get division recommendation based on revised estimate, schedule, importance of project, funding availability
- Distribute bid review package detailing feedback and adjustments to estimate

# Bid Review Committee – Policy & Procedures

## Policy Statement

It is the responsibility of the Bid Review Committee (Committee) to carefully review all bids submitted and to formulate recommendations on the acceptance or rejection of bids. These recommendations will be reviewed with the Director of Technical Services prior to award of projects by the Secretary of Transportation.

## Bid Review Committee Members

Chairperson: State Contract Officer (vote only to break a tie)

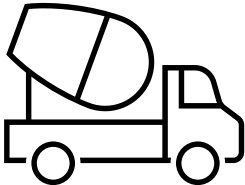
Members: Deputy Chief Engineer (voting member)  
Director of Field Support (voting member)  
Director of Preconstruction (voting member)  
Director, Rail Division (voting member)  
Program Development Branch Manager (voting member)  
FHWA Division Administrator (or his representative, non-voting member)



Low bids and best value proposals which are less than the engineer's estimate and low bids and best value proposals which are higher than the engineer's estimate by no more than 10% are generally considered satisfactory, provided the project is adequately financed.

For projects on which low bids and best value proposals are more than 15% below or more than 10% above the engineer's estimate, the estimator will prepare or have prepared a report for distribution to the Committee. The report will consist of the Item C sheets, the estimator's explanation of the reasons for the significant deviations from the engineer's estimate, a copy of the bid examination sheets, and if applicable, a copy of the legal opinion and recommendation from the Special Deputy Attorney General. When applicable, the report will include a summary and applicable comments on projects previously advertised, in which all bids or proposals were rejected and re-advertised. This report will be compiled by the estimating engineer and sent to members of the Committee and the above named advisors two days prior to the Committee meeting.

# Sample Report: Low Bid More Than +10% ABOVE Estimate



RPN 1  
U-2519BA, U-2519BB  
Cumberland

- The low bidder is +10.3% (+\$14.2 million +/-) above the Estimate.
- The low bidder is approximately \$417,000 +/- from being within the acceptable “Engineer’s Estimate + 10%” threshold.
- The main items driving the overage are:

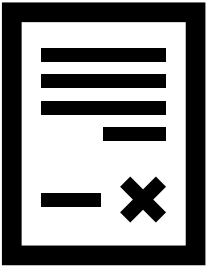
- Asphalt Mixes	(+\$ 2,894,560)
- Bore & Jack items (24”, 30”, 36”)	(+\$ 2,134,300)
<hr/>	
Total of Above Items	(+\$ 5,028,860)
- Bidders relayed there is a lot of work underway in this area with more large projects anticipated to be let in the next couple of months. This has impacted subcontractors who have a full workload and may be unable to provide quotes for certain scopes of work. In some cases, prime contractors are paying a premium to obtain materials to meet schedule demands. Quotes were provided for review on the Asphalt Mixes resulting in an additional +\$1,550,719 to the Asphalt items.
- Bidders indicated that Utility subcontractor quotes are also difficult to obtain due to their current workloads. Additionally, material prices have increased recently including casing pipes that are required for the Bore & Jack operations. Quotes for the Utility work were also submitted for review. The Estimate was revised based on the provided subcontractor quotes resulting in an additional +\$1,726,950 to the Bore & Jack items.
- Incorporating the justified cost revisions noted above in the amount of +\$3,277,669 results in a REVISED ENGINEER’S ESTIMATE = \$140,944,128 making the low bidder +7.7% above the REVISED ENGINEER’S ESTIMATE.
- Division recommends moving forward with Award.



## Considerations for Award Above 10% threshold

- Safety - hazardous condition endangering traveling public
- Emergency - repair or replacement of damaged facilities
- Projects closing gaps in otherwise completed facilities to allow opening to traffic
- Critical elements of phased construction impacting overall completion of facility
- Limited construction windows - winter shutdown, moratoria, grant fund deadlines
- Supported by FHWA guidelines

# Central Lettings (January 2017 to May 2022)



- 644 projects
- 53 projects - Low bid more than 10% above revised estimate

	10 – 20% Above	More than 20% Above
	47 projects	6 projects
Awarded*	39	1
Rejected	8	5

(\*36 of 40 Awarded were between 10-15% Above)

# Item C Re-let Summary – Higher Bid on Re-let

RELET SUMMARY PAGE

PAGE: 1A OF 11  
ITEM C

APRIL 20, 2021 LETTING

45861.3.1

STBG-0111(025)

PASQUOTANK

U-5942

RPN 001

SIGNALS.

DATE AVAILABLE

JUN 02 2021

FINAL COMPLETION

OCT 05 2022

ENGINEER'S ESTIMATE

\$2,983,442.58

\$ TOTALS

4,134,427.50

5,694,417.45

% DIFF

+38.6

+90.9

ALS OF NORTH CAROLINA LLC SALISBURY, NC

BROOKS BERRY HAYNIE & ASSOCIATES, INC. MABLETON, GA

---

JUNE 15, 2021 LETTING

45861.3.1

STBG-0111(025)

PASQUOTANK

U-5942

RPN 001

SIGNALS.

DATE AVAILABLE

JUL 26 2021

FINAL COMPLETION

DEC 05 2022

ENGINEER'S ESTIMATE

\$3,321,458.60

\$ TOTALS

4,399,018.00

5,633,858.20

% DIFF

+32.4

+89.6

ALS OF NORTH CAROLINA LLC SALISBURY, NC

BROOKS BERRY HAYNIE & ASSOCIATES, INC. MABLETON, GA

Since January 2017:

Low bid INCREASED  
on 7 of 17 re-lets



## Factors Impacting Bids on Re-lets

- Number of bidders – additional bidder interest → more competitive bids
- ICT / contract time adjustments – increase time to work under lane closure or to complete project
- More information provided – can clarify scopes of work or reduce risk to bidders (subsurface data, ROW parcels acquired, utilities relocated)
- Pre-bid meetings – allow dialogue to address concerns
- Market conditions – material procurement, subcontractor availability



# Contact Us

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**Jon Weathersbee**

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919-707-6930



@NCDOT



NCDOT



NCDOTcommunications



@NCDOT



ncdotcom



ncdot\_comm



## **NORTH CAROLINA** Department of Transportation



# **Resiliency of Transportation Infrastructure**

**Colin Mellor, Environmental Policy Unit**

**Nastasha Earle-Young, Transportation Planning Division**

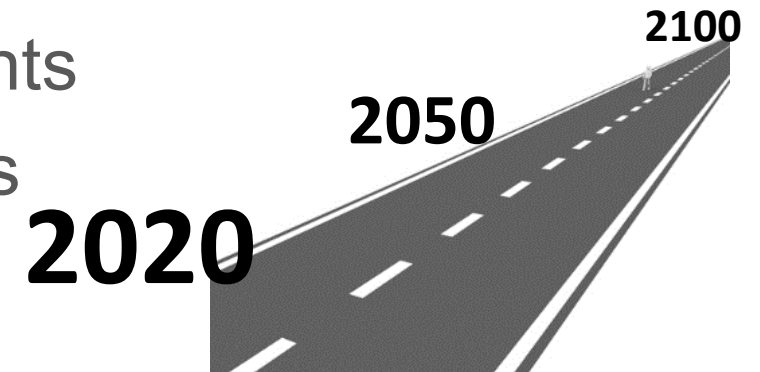
**Matt Lauffer, Hydraulics Unit**

NCDOT Board of Transportation - Highway Committee

Thursday, September 7, 2022

# Agenda:

1. History, Program, Legislation
2. Planning Tools and Vulnerability Assessments
3. Design, Research, and Flood Warning Tools
4. Next Steps
5. Questions and Answers



# History, Program, and Legislation

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# NCDOT Resilience Policy

1. Defines Resiliency
2. Defines Department Resilience Integration
3. Provides Strategic Framework for Department Resilience



RESILIENCE

NCDOT POLICY  
F.35.0102

Business Category: Division of Highways (DOH)		Business Area: Technical Services
Approval Date: 9/27/2021	Last Revision Date: N/A	Next Review Date: 9/27/2025
<b>Authority:</b> <a href="#">Executive Order 80</a> <a href="#">23 USC 117</a> <a href="#">23 USC 134</a> <a href="#">23 USC 135</a> <a href="#">23 USC 167</a>		<b>Select all that apply:</b> <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Requires Board approval <a href="#">Click to type Board name</a> <input type="checkbox"/> Requires Federal Highways Administration (FHWA) approval <input type="checkbox"/> Requires other external agency approval: <a href="#">Click here to enter external agency name(s)</a>
<b>Definitions:</b> "Department"-shall mean the North Carolina Department of Transportation (NCDOT). "Resiliency"-shall mean the ability to anticipate, prepare for, and adapt to changing conditions and withstand, respond to, and recover rapidly from disruptions.		
<b>Policy:</b> It is the policy of the North Carolina Department of Transportation (NCDOT) to consider the resiliency of the Department's organization and the state's transportation system to support its mission of "connecting people, products and places safely and efficiently with customer focus, accountability and environmental sensitivity to enhance the economy and vitality of North Carolina." Resiliency will be defined as the ability to anticipate, prepare for, and adapt to changing conditions and withstand, respond to, and recover rapidly from disruptions.  NCDOT shall enhance its resilience in all day-to-day organizational activities. To develop organization-wide resilience, the Department shall deploy a coordinated approach to manage risk to business operations so it may continue to operate and provide services to our citizens and visitors to the fullest extent possible, regardless of the disruption.  To maintain safe, reliable, and efficient transportation infrastructure, the Department shall take active steps to manage risks and strengthen transportation system resilience, considering both natural and man-made hazards. These steps shall: be based on the most up-to-date science; implement risk-based asset management and design approaches to identify threats and assess vulnerabilities; incorporate better planning to reduce disaster losses; and include processes to avoid or minimize consequences to transportation assets and the people of North Carolina.  The Department will continue to collaborate with the appropriate state and federal agencies and organizations to ensure decisions adhere to all regulations and to facilitate information sharing and alignment of resiliency strategies. This policy will be implemented through the Department's strategic, long-range and modal plans, programming, project development,		

<https://www.ncdot.gov/initiatives-policies/Transportation/transportation-resilience/Documents/ncdot-resilience-policy.pdf>

# Background

## Extreme Events

Hurricanes, prolonged flooding, increased maintenance/asset repairs

- 1999 Floyd
- 2018 Florence
- 2016 Matthew
- Other isolated, intense storms

2015-  
Present

## Federal Response

- FAST Act
- FHWA Emergency Relief Funds
- Vulnerability and Adaptation
- Resiliency considerations in long range plans
- Toolkits, training, peer exchanges (e.g., RAMCAPs Colorado procedure document)
- FHWA Order 5520
- Infrastructure and Investment Jobs Act (IIJA)

## State Response

- **EO80**
- NC Climate Change Interagency Council
- NC Climate Risk and Resiliency Plan
- Resiliency Strategy Report
- NC Moves 2050
- Session Law 251 -2019 Disaster Relief
- Current Operations Appropriations Act 2021
- Ongoing Research, Studies

Last  
Decade+

2018-  
Present

# Reporting & References

[NC Climate Risk Assessment and Resilience Plan](#)

[Annual Resilience Strategy Reports](#)

[NC Climate Science Report](#)

[USDOT Climate Action Plan for Resilience](#)

[FHWA Order 5520](#)

[TRB – Investing in Transportation Resilience: A Framework for Informed Choices](#)



# Resilience – Policy next steps

- Work to identify what is vulnerable and how to make it resilient
- Create a decision matrix to guide design
- Benefit-cost analyses of resilience projects
- Leverage federal resilience \$\$
- Continue internal and external collaborative opportunities



# Planning Tools and Vulnerability Assessments

---

# Geotech Asset Management Database

**NCDOT - Geotechnical Asset Management (GAM) - NCDOT-GAM: MM7.5**

Div_num	0
Easting	744,805.56
Failr_Type	Rockslide
GAM_rating	1,482
geol_notes	Highly fractured meta-sediments; failure material originated from ~100' upslope
Images	
Latitude	35.73

Zoom to 1 of 2

**NCDOT - Geotechnical Asset Management (GAM) - NCDOT-GAM**

**Properties**

Use the selector above to switch between layers in the map.

**Information**

**Symbology**

Show in map legend

**NCDOT - Geotechnical Asset Management (GAM) - NCDOT-GAM**

**Fail\_Type**

- E Embankment
- H Historic
- L Landslide
- RF Rockfall
- RS Rockslide
- <all other values>

Edit layer style

**Appearance**

Properties

- Styles
- Filter
- Clustering
- Configure pop-ups
- Configure fields
- Labels
- Configure charts

Search

- Measurement
- Directions
- Location
- Edit
- Time

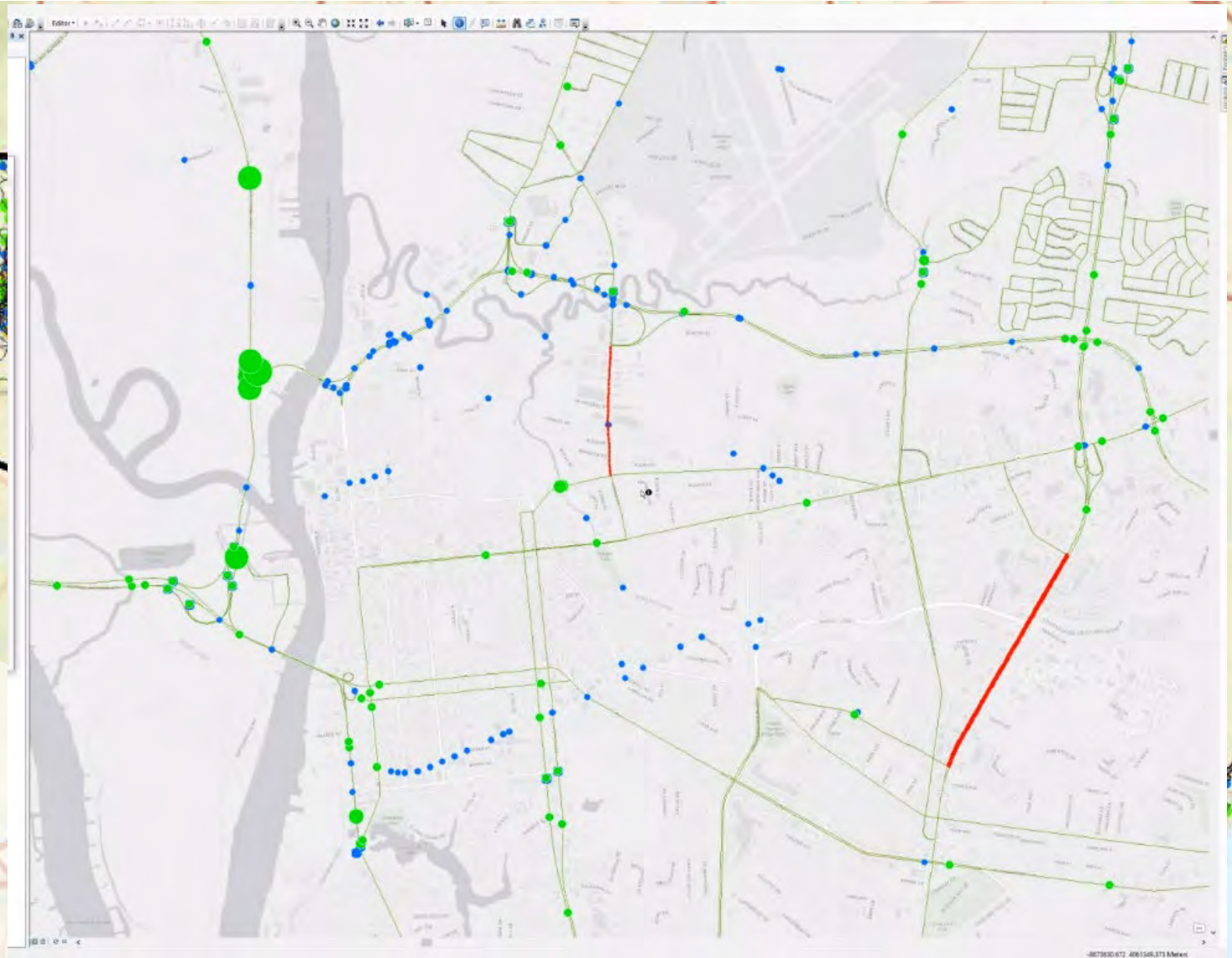
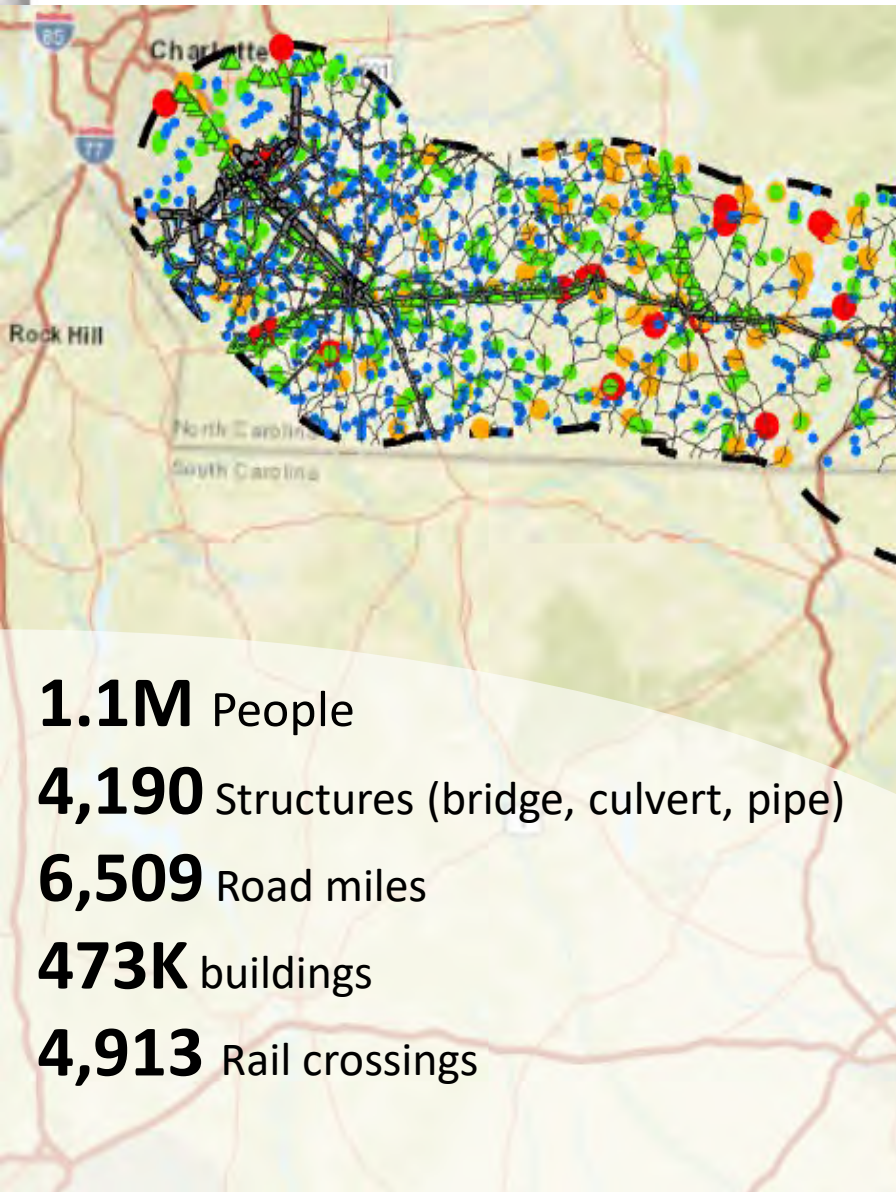
Collapse







# Digital Twin of the US 74 Corridor



# US-74 Adaptation and Mitigation

## Policy and Planning

Implement TSO solutions to provide efficient guidance and detour options

Adjust maintenance schedules to maximize preparedness

Increase real-time sensing

## General Infrastructure Improvement

Prioritize improvement to maximize resilience

Improve alternate routes

Avoid Response-driven capital improvement

## Physical Climate Change Countermeasures

Elevate Roads

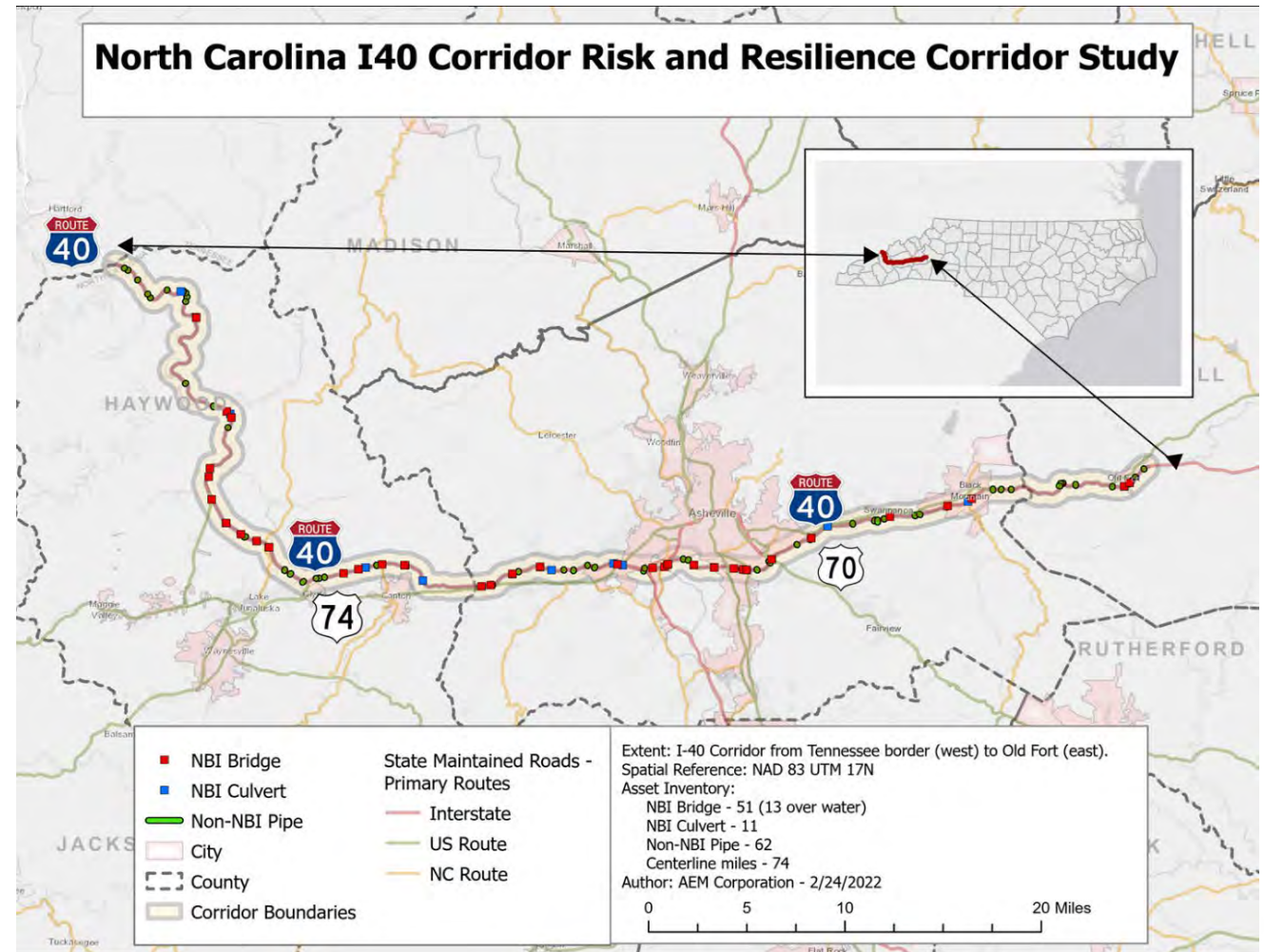
Harden roads

Harden rail crossings



# Western Vulnerability Assessments

- I-26 from Hendersonville to South Carolina line
- I-40 from Tennessee line to Old Fort, McDowell County



# Resilient Design, and Flood Warning Tools

---



- NFWF Grant in partnership w/ NCCF
- Protect NC 24 from Overtopping and Wave Forces
- Living Shoreline
- Military Corridor
- Complex Hydrodynamic Modeling
- Modeling for wave height and surge
- Project Cost \$2M
- Let Date August 2022

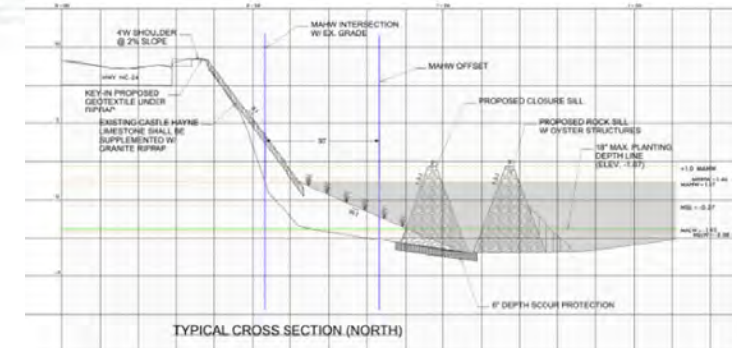
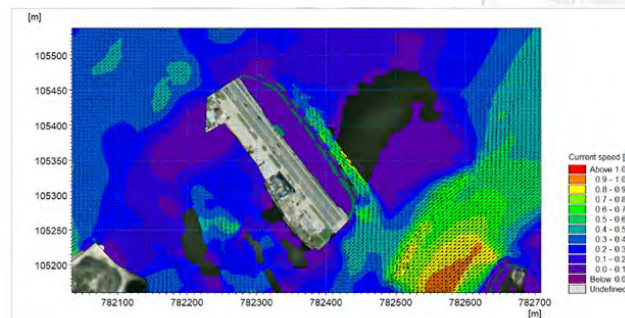
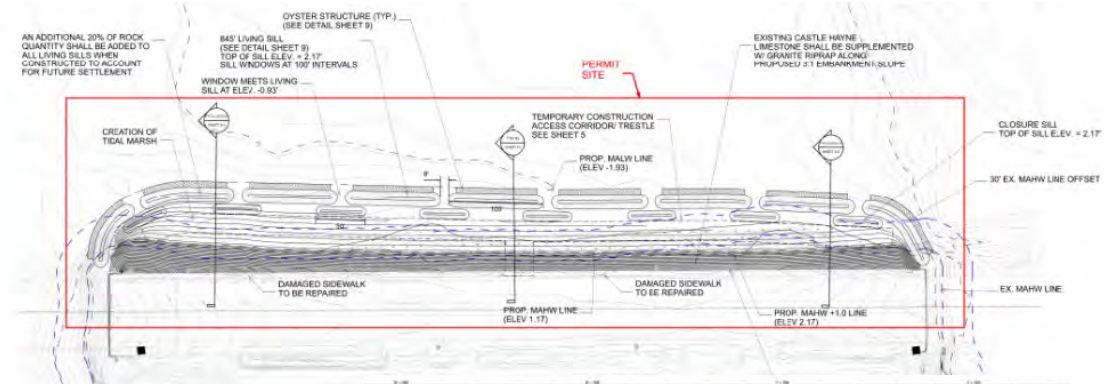
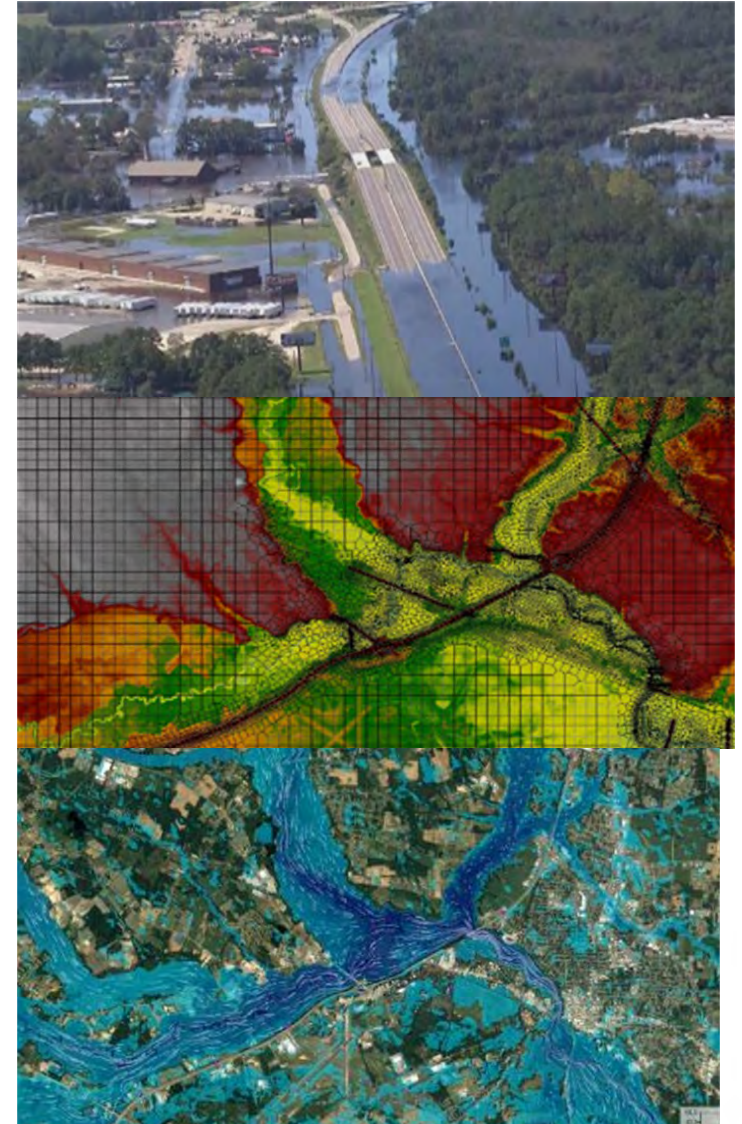
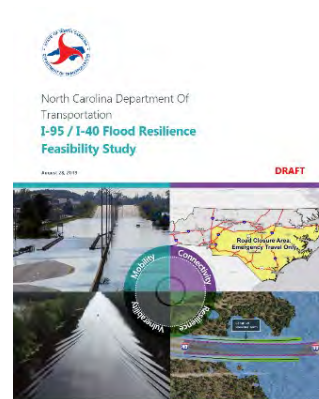


Figure 4-12: Flow Patterns near Area #3 (Ebb, Proposed Shoreline Approach)

## Adaptive Resilient Design – I-95

- I-95/I-40 Flood Resilience Feasibility Study - Directed by the Secretary
- Pre-Design Modeling Provided Performance Criteria for Design-Build Teams
- Climate Adaptation Tested
- Provided for a Resilient I-95

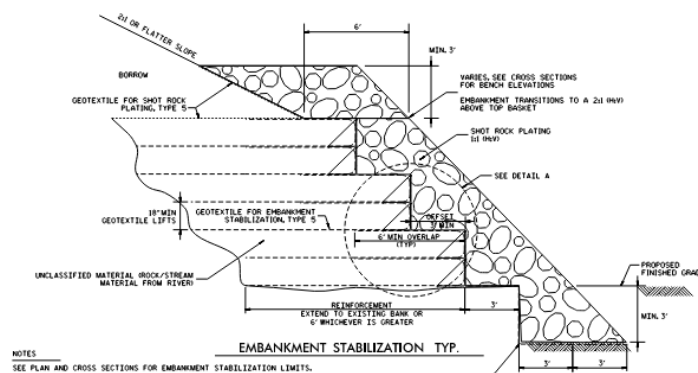
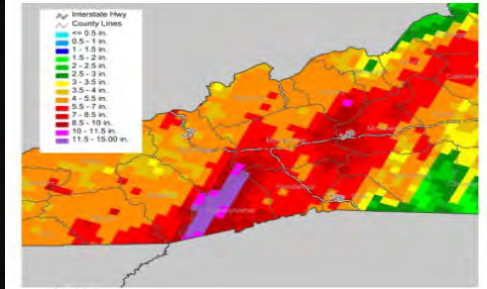
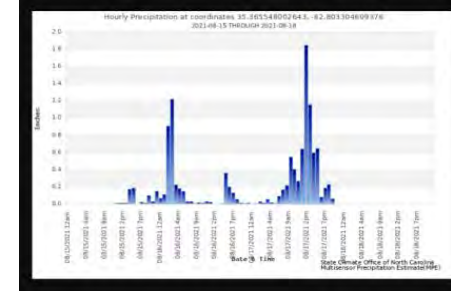




# Improving Risk Management and Resilience

## NC 197 -Yancey 40

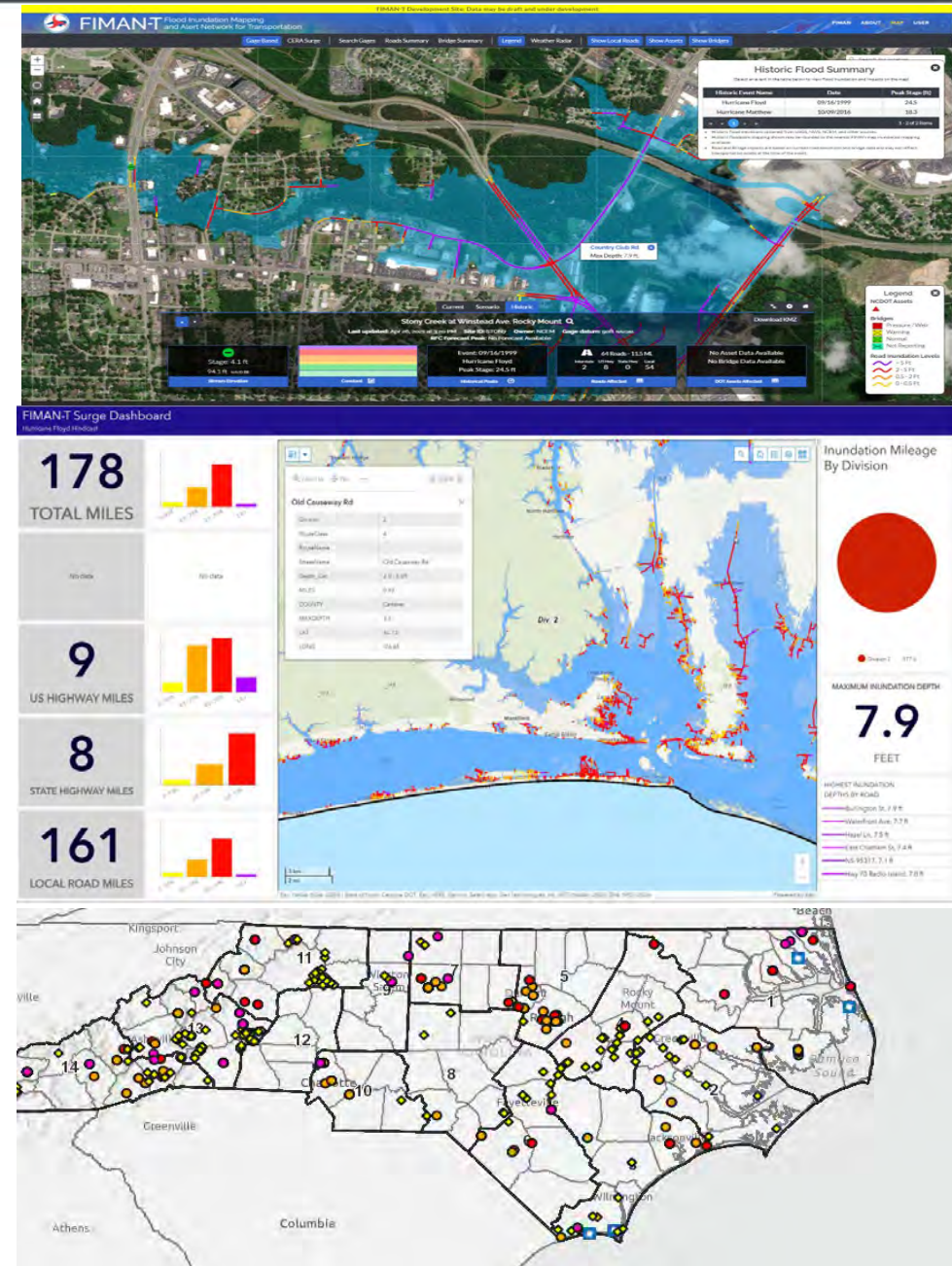
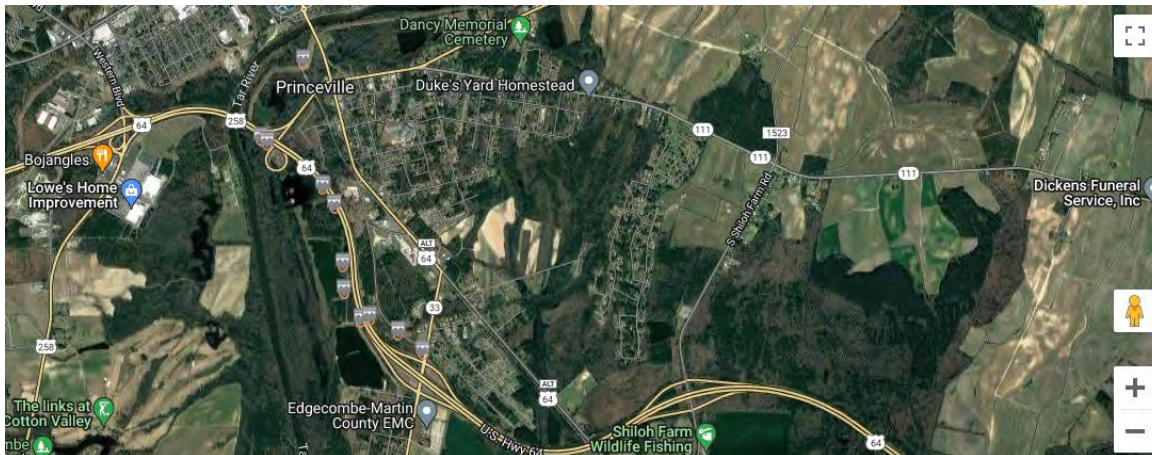
- 2021 Tropical Depression Fred
- NC 197 – Yancey 40 - Emergency Repair
- Design Effort Led by Division 13: Structures, Geotech, Hydraulics and Roadway
- Final Walk-Through Completed August 5th





# Flood Warning Tools

- FIMAN-T
- FIMAN-T Surge
- BridgeWatch



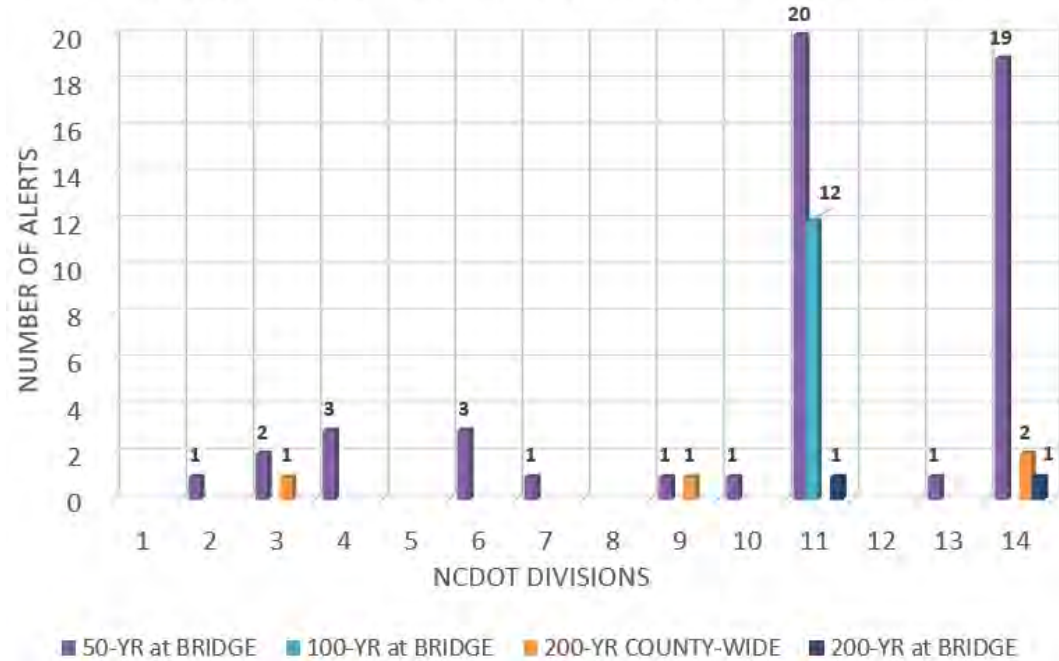


# BridgeWatch - Storm Recovery

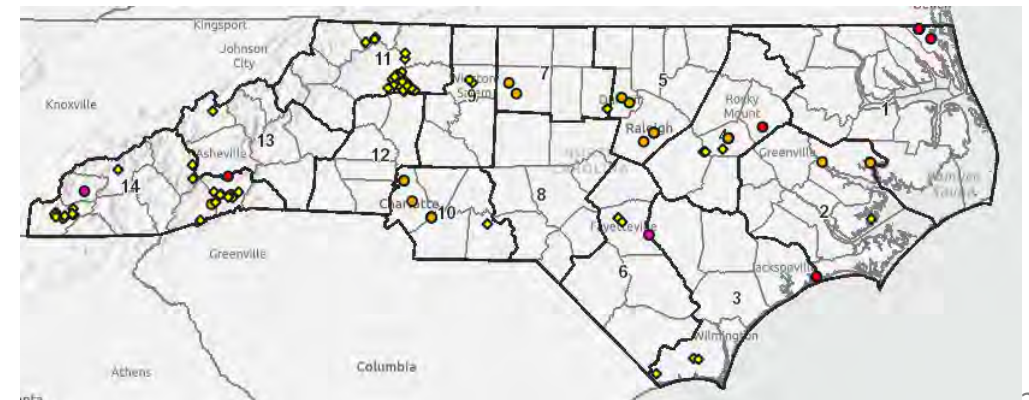
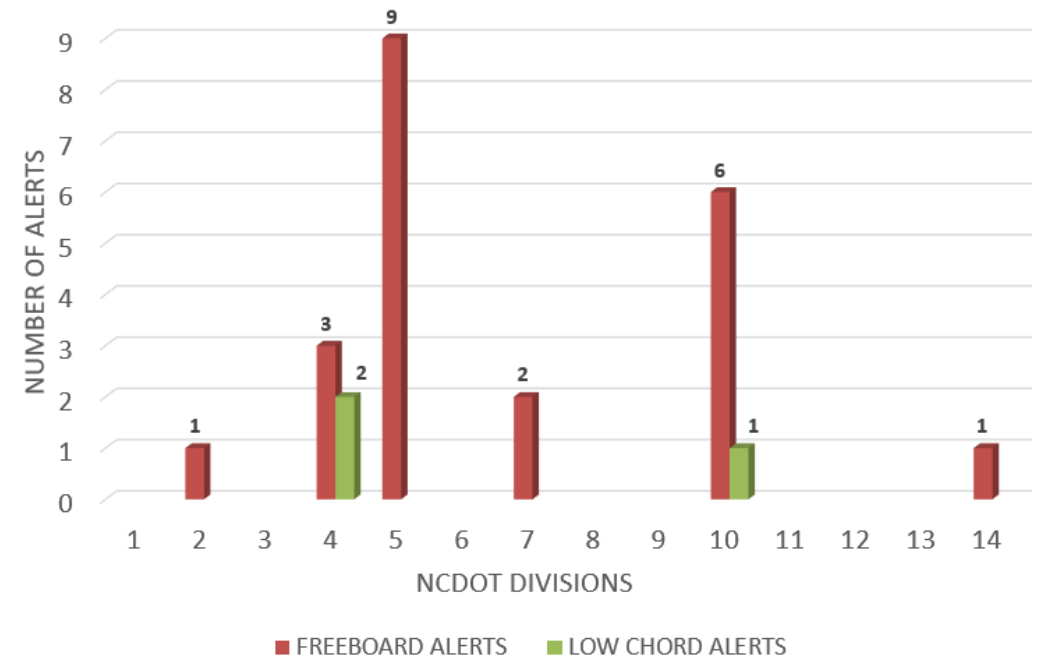


# BRIDGEWATCH ALERT HISTORY from April 1, 2022 to Present

## STRUCTURE & COUNTY NEXRAD RAINFALL ALERTS BY DIVISION



## FREEBOARD AND LOW CHORD GAUGE ALERTS BY DIVISION



## Next Steps

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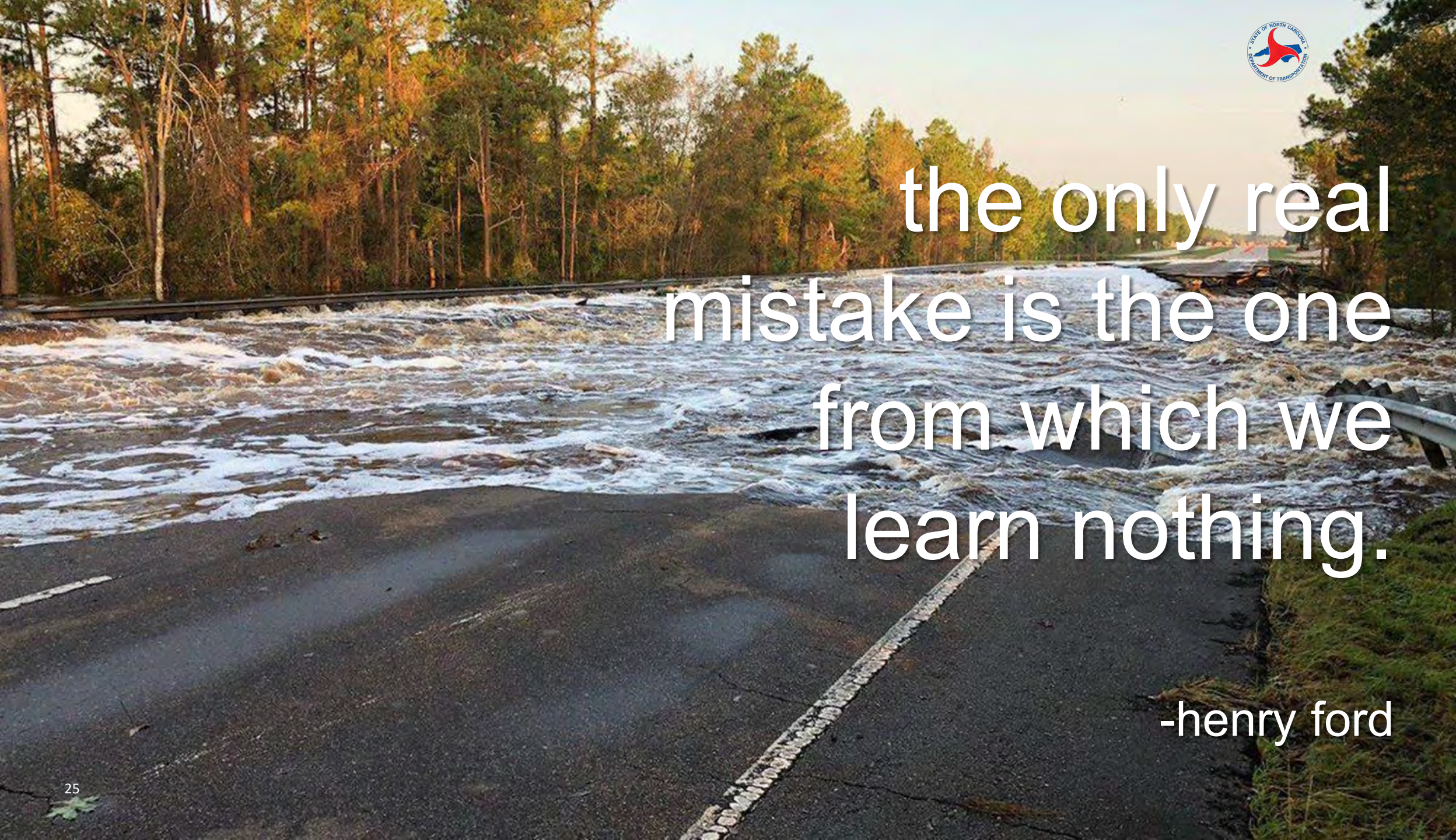


# Next Steps

1. Secure Sustainable Funding for the Resilience Program
2. Pursue IIJA grant funding opportunities
3. Continue to incorporate resilience into Department activities
4. Continue to coordinate with other cabinet agencies on federal and state resilience activities





The background image shows a paved road that has been completely inundated with fast-moving, turbulent floodwater. The water is white with foam from the current. In the background, a dense line of trees with green and some autumn-colored foliage stands under a clear sky. A metal guardrail is visible on the right side of the road, partially submerged.

the only real  
mistake is the one  
from which we  
learn nothing.

-henry ford



# Questions?



# Thank You!

Colin Mellor  
[cmellor@ncdot.gov](mailto:cmellor@ncdot.gov)  
919-559-0481

Nastasha Earle-Young  
[nbearle-young@ncdot.gov](mailto:nbearle-young@ncdot.gov)  
919-707-0931

Matt Lauffer  
[mslauffer@ncdot.gov](mailto:mslauffer@ncdot.gov)  
919-621-0443

[NCDOT – Making Transportation Resilient](#)



# MULTI-MODAL TRANSPORTATION COMMITTEE MEETING MINUTES

DATE: August 10, 2022

TIME: 3:08 PM

LOCATION:

EIC BOARD ROOM  
1 S WILMINGTON STREET  
RALEIGH, NC 27607 Virtual / Microsoft Teams

MEETING CALLED BY	Chair Lisa Mathis
BOARD ATTENDEES	Board Member Billy Clarke, Board Member Brad Lail, Board Member Chuck McGrady, Board Member Hugh Overholt, and Board Member Tony Lathrop

## AGENDA TOPICS

1. Call to Order, Roll Call, Declaration of Quorum, Non-Conflict Statement and Consideration of the <b>March 9, 2022, Meeting Minutes – Chair Mathis</b>	
DISCUSSION SUMMARY	Chair Mathis called the Multi-Modal Committee to order and asked for a motion to approve the <b>March 9, 2022, minutes</b> as distributed.
ACTIONS TAKEN	A motion to approve <b>March 9, 2022, minutes</b> as distributed was made by Board Member <b>Lathrop</b> and seconded by Board Member <b>Clarke</b> .  The Committee approved the meeting minutes unanimously.
2. Multi-Modal Updates – Julie White, Deputy Secretary for Multi-Modal Transportation	
DISCUSSION SUMMARY	Julie shared updates on each mode. IMD Division is continuing to have challenges recruiting and retaining accounting positions. Rail Division is working in partnership with Virginia, Amtrak, cities and counties and the FRA on developing a grant strategy in anticipation of the FRA releasing two grant opportunities this fall that will allow us to advance the S line project. Ferry Division: We continue to battle shoaling in our ferry channels. Aviation Division: is proceeding on a new grant they are introducing for our public airports.
ACTIONS TAKEN	None Taken
Presentations –	
DISCUSSION SUMMARY	<ul style="list-style-type: none"> <li>• Ryan Brumfield, IMD Director presented IMD Funding Overview.</li> <li>• Jason Orthner, Director of Rail presented Rail Division Initiative and Services.</li> <li>• Harold Thomas, Ferry Director presented Ferry Initiatives and Services.</li> <li>• Bobby Walston, Aviation Director presented NCDOT Aviation Services for North Carolina Communities.</li> </ul>
ACTIONS TAKEN	None Taken



# MULTI-MODAL TRANSPORTATION COMMITTEE MEETING MINUTES

## 3. Adjournment – 4:23 PM

### ACTIONS TAKEN

A motion to adjourn was made to adjourn by Board Member Clarke and seconded by Board Member McGrady.



# MULTI-MODAL TRANSPORTATION COMMITTEE MEETING AGENDA

## BOARD OF TRANSPORTATION SEPTEMBER 7, 2022

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

**TIME:** Immediately Following the EDIR and DMV Committees

**LOCATION:** EIC BOARD ROOM  
1 S WILMINGTON STREET  
RALEIGH, NC 27607

TOPIC	PRESENTER	TIME
Welcome Call to Order Roll Call Declaration of Quorum Approval of August 10, 2022, Meeting Minutes Opening Remarks	Chair Lisa Mathis	5 Mins
Funding Items	Multi-Modal Directors	10 Mins
Multi-Modal Updates	Julie White Deputy Secretary for Multi-Modal Transportation	10 Mins
NCDOT'S Integrated Mobility Division Update	Ryan Brumfield IMD Division Director	20 Mins
Q & A	Multi-Modal Committee Members	10 Mins
Adjourn	Chair Lisa Mathis	5 Mins



## **NORTH CAROLINA** Department of Transportation



# NCDOT's Integrated Mobility Division (IMD) – Multimodal Updates

September 7, 2022



Integrated Mobility Division  
N.C. DEPARTMENT OF TRANSPORTATION

# IMD GOALS



## **Increase Access**

Eliminate transportation barriers and ensure all North Carolinians have equal access to opportunities and services.



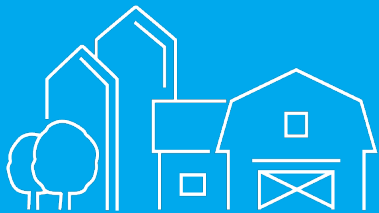
## **Enhance Quality of Life**

Offer a convenient network of multimodal choices to enhance the quality of life for North Carolinians.



## **Ensure Safety**

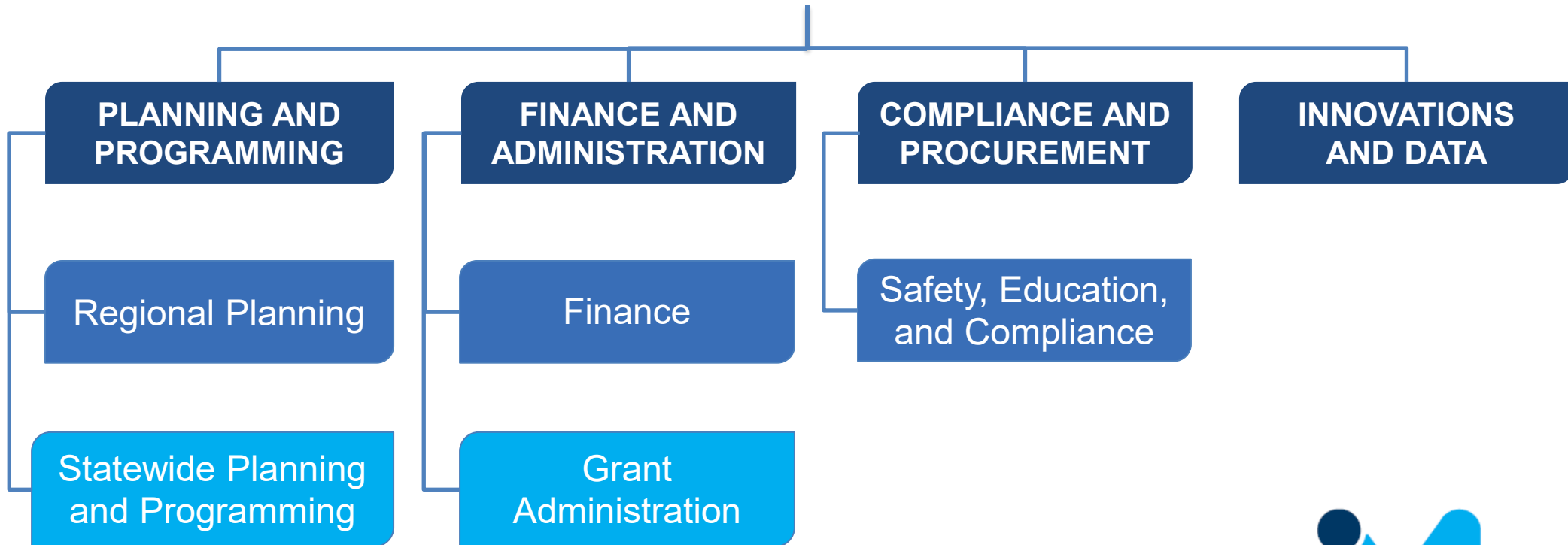
Ensure all road users can travel safely by building complete streets and proactively correcting areas susceptible to crashes involving vulnerable road users.



# MISSION

Provide leadership for safe, affordable, and innovative multimodal transportation throughout North Carolina

## DIRECTOR



Integrated Mobility Division

N.C. DEPARTMENT OF TRANSPORTATION



# IMD Funding Overview FY2023

## Funding Opportunities



### \$57M FEDERAL

**FTA 5303/5304:** Metropolitan & Statewide Planning

**FTA 5310:** Enhanced Mobility of Seniors & Individuals with Disabilities

**FTA 5311:** Formula Grants for Rural Areas

**FTA 5339:** Grants for Buses and Bus Facilities

### \$72M STATE

Combined Capital

ConCPT

Rural Operating Assistance Program (ROAP)

Rural State Operating

Urban Advanced Technology

Safe Routes to School

Share the Road License Plate Proceeds

State Maintenance Assistance Program (SMAP)

State Planning & Research Funds

Transportation Demand Management (TDM)

Travelers' Aid

### \$49M *potential to date* COMPETITIVE GRANTS

5339(b) Bus and Bus Facilities

Combatting Human Trafficking

Helping Obtain Prosperity for Everyone (HOPE)

Integrated Mobility Innovation

Low or No Emissions

Rebuilding American Infrastructure with Sustainability and Equity (RAISE)

Rural Surface Transportation Grant

## Transit Service & Planning Initiatives



Transit Services



Transit Capital Projects



Innovations



Multimodal Planning Grants



Regional Transit Plans



Visioning Workshops



Paved Trails Feasibility Studies



Statewide LCP



Microtransit Feasibility Studies



Access to Transit



Bike Helmet Initiative

## Achieving IMD Goals



## State and Federal Funding for Public Transportation

- FY 2024 Application for administrative and operating grants open July – October
- Using new Unified Grant Application (UGA) process – see below



## FY 24 Capital Application will open in late Fall 2022

- Pending statewide vehicle contract will determine vehicle pricing for capital applications
- Capital Cost of Contracting eligibility included – turnkey microtransit solutions eligible for capital funding



# Current Planning and Innovation Initiatives



## Visioning Workshops

### 7 workshops across the state

August 2022 – September 2022

Prepares agencies to leverage IIJA funding and provides resources for visioning, prioritizing goals, and ongoing support for implementation



## Multimodal Planning Grants

### 244 grants + \$7.5M (10 new plans to be announced in August)

Develops comprehensive bicycle plans and pedestrian plans with an added transit component



## Feasibility Studies

### \$2.5M available

Call for projects Summer 2022

Complements planning studies and supports local governments in the implementation of projects



## Microtransit

### 150% ridership increase

Feasibility Studies / Research / Grants

Assesses the feasibility of introducing microtransit to complement or replace fixed-route and demand response services throughout the state



## MaaS Feasibility Study

### Mobility as a Service (MaaS)

Seamlessly plan-book-pay for travel across all modes

Assesses the availability and feasibility of MaaS services for a statewide platform



## Regional Transit Plans

### Upper Coastal Plain + High Country + Land of Sky RPO

Summer 2022 Pilot Projects

Promotes coordinated regional planning across agency boundaries, consolidating requirements for state and federal funding programs



## CASSI

### Connected Autonomous Shuttle Supporting Innovation (CASSI)

Evolving to include more vehicle types and use cases including testing and integrating autonomous vehicles in fleets to provide safe, reliable, and useful transit service



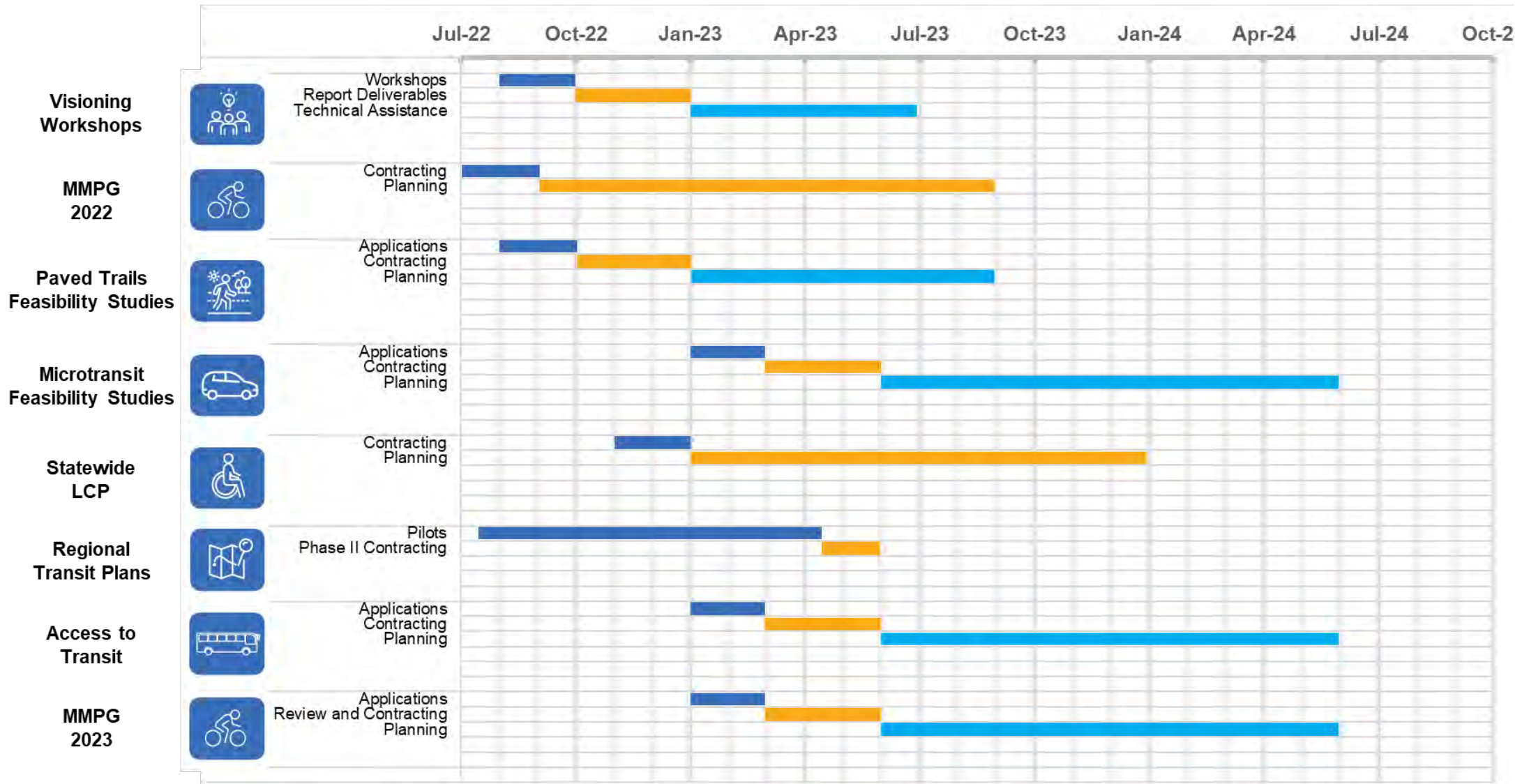
## Bike Helmet Initiative

### 19,900 Helmets + 256 Organizations

Reducing severe brain injuries by 90%

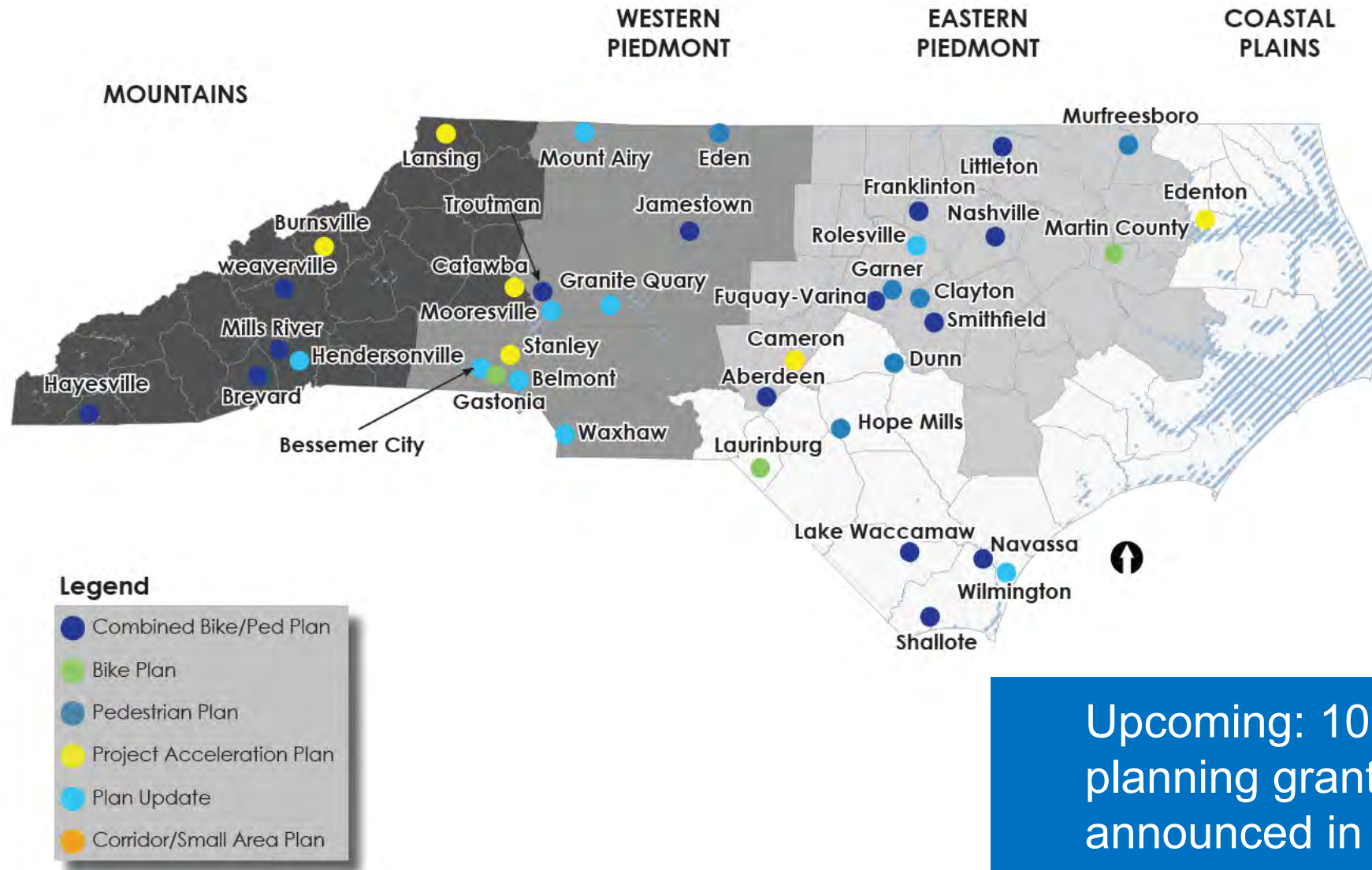
Distributes helmets to underprivileged children by government and non-government agencies since 2007

# IMD Planning Calendar FY 23



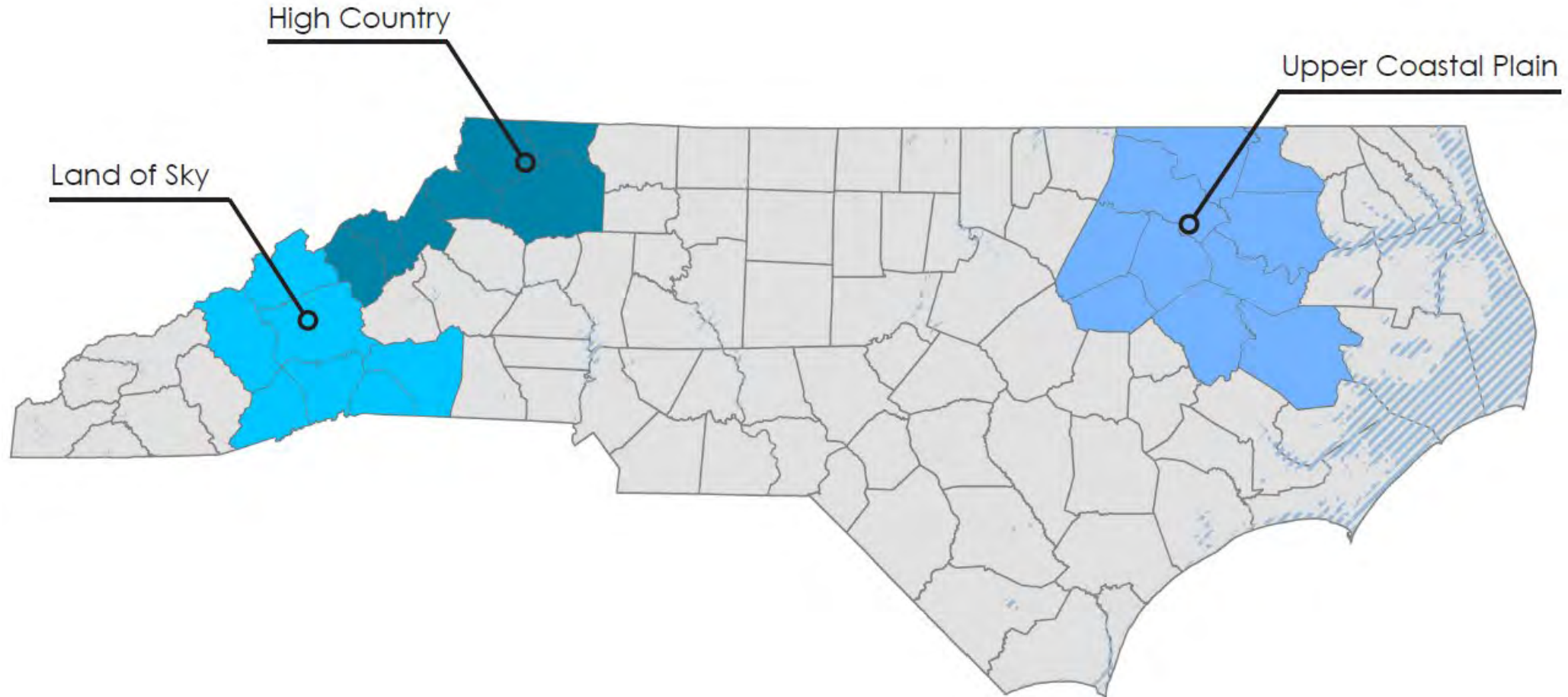


# Active Bicycle and Pedestrian Planning Grants



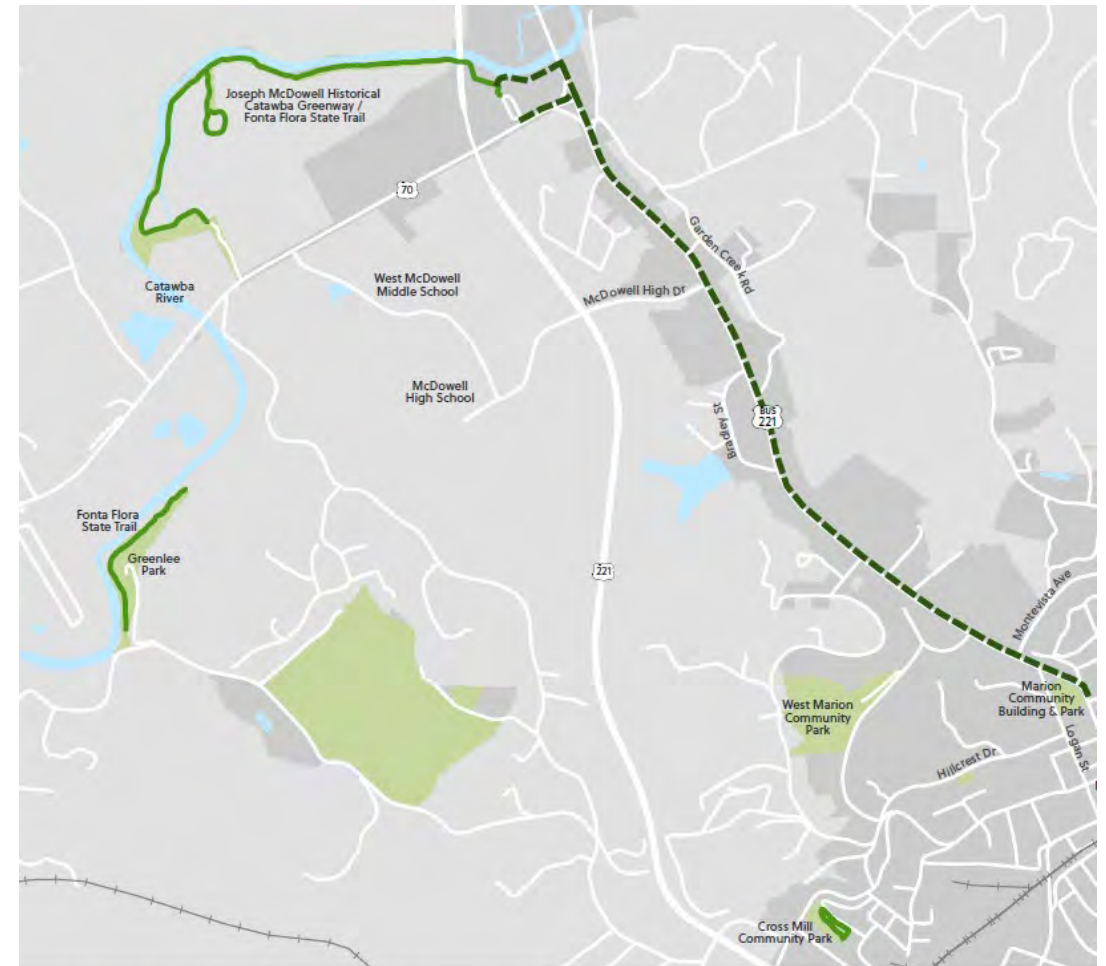
# Coordinated Regional Transit Plan Program

(study area boundaries are tentative)



# Feasibility Studies Grant Program

- Feasibility Studies template and pilot projects
- \$2M – Paved Trails Feasibility Studies
- \$0.5M – Sidewalk/Sidepath projects
- Grant Call estimated in September



**CITY OF MARION N. MAIN ST SIDEPATH  
FEASIBILITY STUDY**

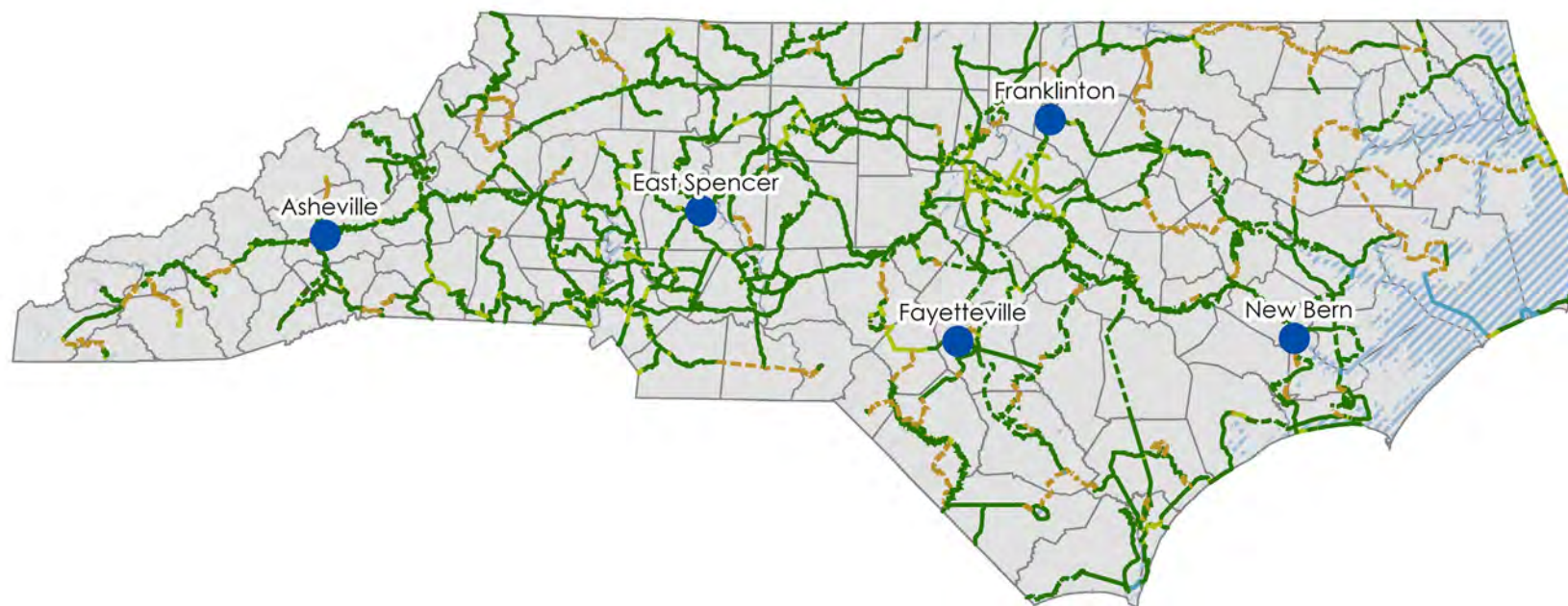


# Great Trails State Plan





# Great Trails State Plan: Further Analysis



## TRAIL SEGMENT PRIORITIZATION: EQUITY FOCUS (2022)

- List of GTS spine routes connecting to top tiers of NCDOT's Transportation Disadvantage Index (TDI)<sup>1</sup>

Draft List of 120  
Trail Segments

- Narrow TDI list by overall connectivity and most functional segments (trails that could serve local communities independent of overall network)

Draft List of 23  
Trail Segments

- High-level analysis of overall constructibility based on right-of-way, local interest, and local/regional steps taken in support of segments to-date
- Broad geographic distribution across NC

5 Priority Trails  
for Equity Focus

- Establish local project contacts
- Locally driven project extents
- Develop Draft Project Cut-Sheets
- Finalize and Present Project Cutsheets

*Next Steps*

# S-Line TOD Planning Study Activities To-Date

## June - October 2021

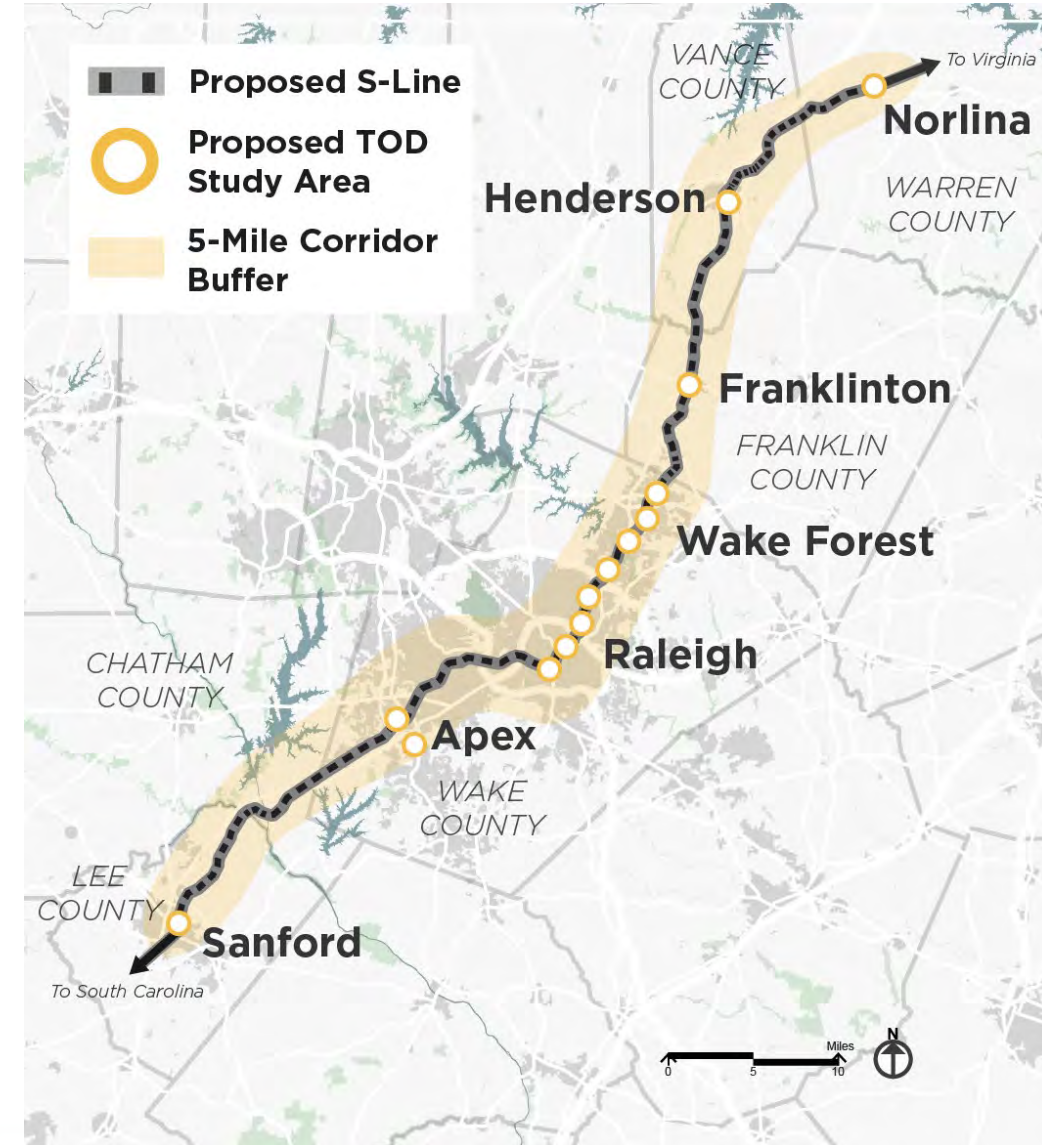
- TOD Readiness Assessment
- Technical & Advisory Committee Kick-offs
- First Round of Stakeholder Interviews

## November 2021-March 2022

- First Round of Community Engagement at holiday events in each of the towns
- Market-focused interviews
- Market Assessment

## April – July 2022

- Held 9 day-long Community Design workshops & public meetings in June
- Hosted first TOD education series session at RUS: TOD Win/Win around Development Projects
- Conducted walking tours with each community





# S-Line TOD Planning Study - Next Steps

- Final Joint Advisory & Technical Committee Meeting



September 13th

10:30am-Noon

*Perry Memorial Library in Henderson*

- TOD Education Series Sessions (2)



September 2022

- Final Round of Community Engagement



*Present the draft TOD plan to the public*

December 2022



# Transportation Disadvantaged Index (TDI) Tool

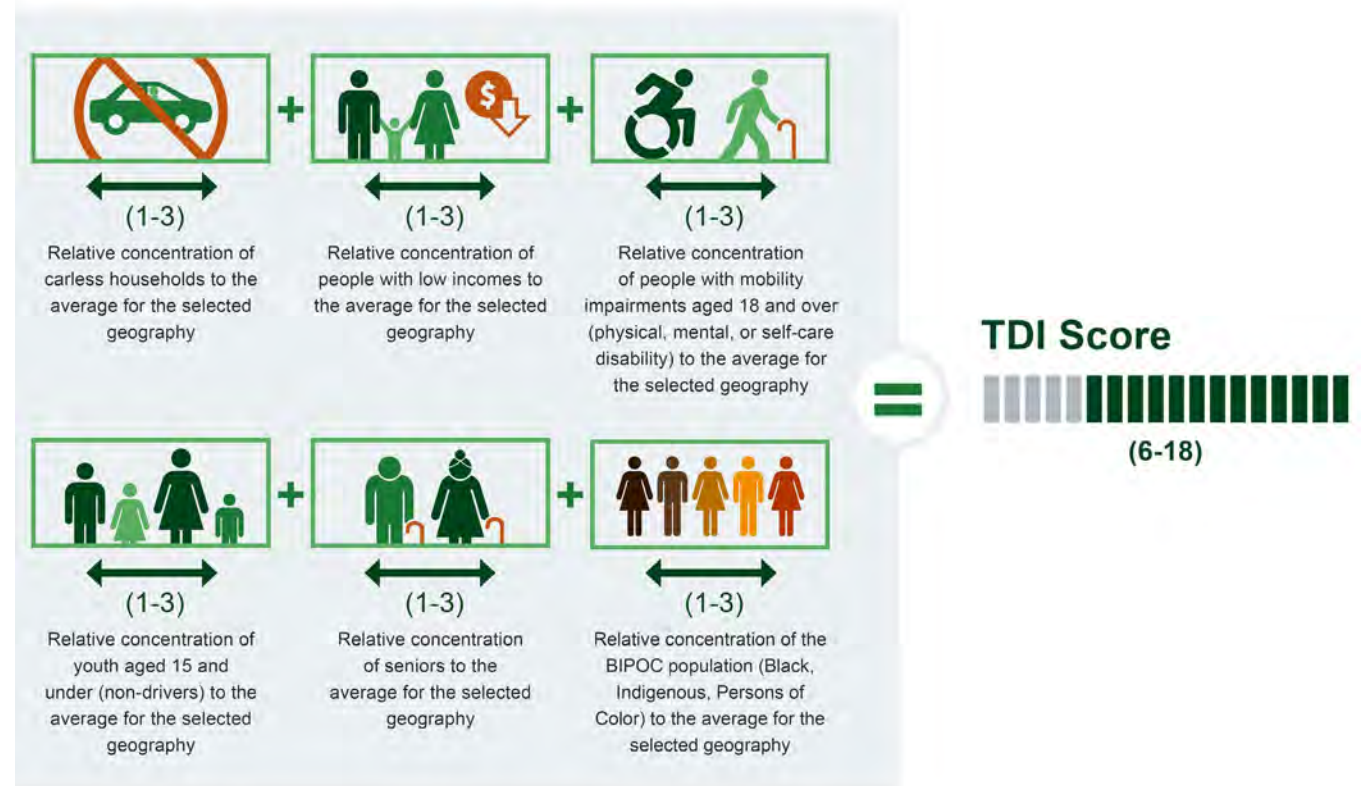
- NCDOT's strives to improve the quality of life, build healthy communities, support job creation and provide equal opportunities so all people can thrive
- Transportation disadvantage is a concept that **identifies and calculates relative barriers to accessing transportation.**
- Understanding and evaluating transportation disadvantage can:
  - Help achieve NCDOT's mission
  - Improve policies, planning, and project development
  - Change the culture on addressing impacts
  - Foster adoption across NCDOT's programs



# Transportation Disadvantaged Index (TDI) Tool

- Six indicators to generate a Block Group score based on variance from the geographic mean.
  - Vehicle ownership
  - Income
  - Disabilities
  - Age: Youth
  - Age: Seniors
  - BIPOC

Higher score = greater level of transportation disadvantage.



Tool, Trainings and Feedback Form Released in August



# Complete Streets Implementation Update

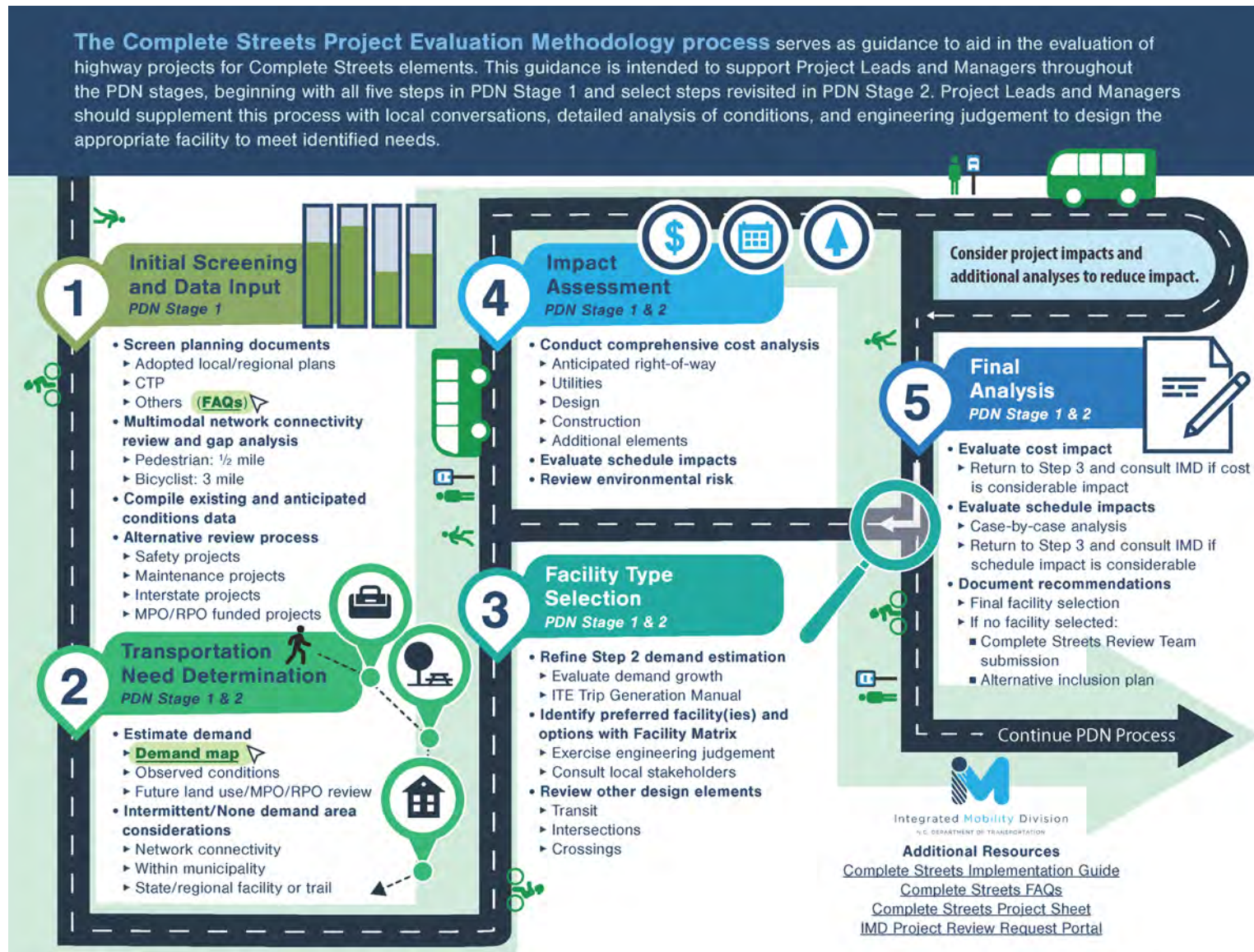
## February '22 – Released updated and new guidance for Complete Streets Implementation

- Updated implementation guide
- New evaluation methodology

## Ongoing Implementation Work:

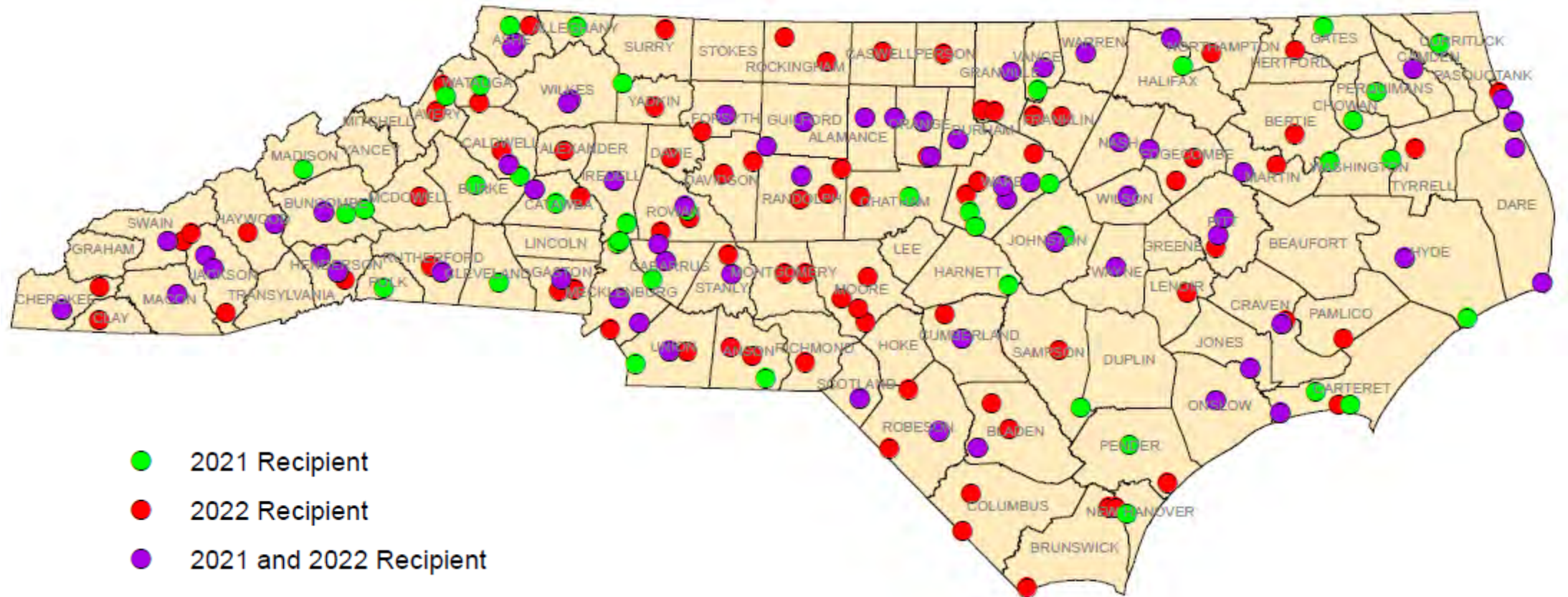
- **Project Delivery** – ongoing workgroup for PDN updates, have made initial recommendations for updates reflected in most recent version of the PDN document.
- **CTP** – ongoing collaboration with TPD partners, have met every two weeks since March and will be finalizing recommendations in coming weeks.
- **Maintenance** – first workgroup held in July, several deliverables and more research is ongoing, second workgroup TBD for Fall '22.
- **Cost** – first workgroup held in July, several deliverables and more research is ongoing, second workgroup tentatively scheduled for first week of September '22.

# Complete Streets Implementation Update





# 2021 - 2022 Bicycle Helmet Initiative



[Web Link](#)





# Interim Design Safety Project (Tactical Urbanism)

- FHWA STIC project
- Interim design countermeasures to be evaluated - protected intersections, curb extensions and median refuge islands
- Coordination with Highway Divisions and Municipalities
- Materials and Installation
- Evaluation/Data Collection

CURB EXTENSION



Curb extensions reduce vehicle turning speeds, shorten crossing distances for pedestrians, and increase space for those waiting to cross.

MEDIAN REFUGE ISLAND



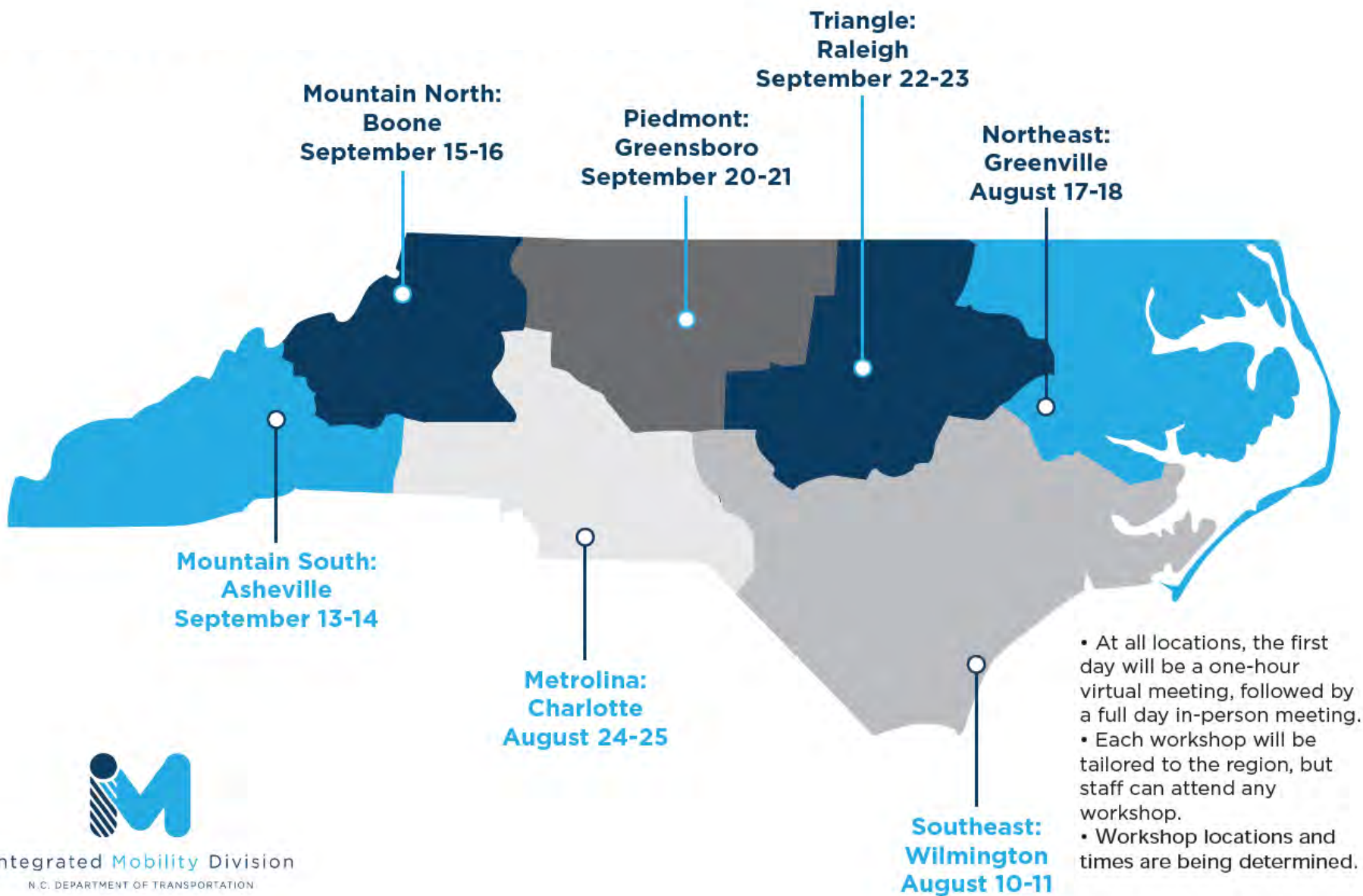
Median refuge islands reduce crossing distances and provide protected space in the center of the roadway for pedestrians and bicyclists.

PROTECTED INTERSECTION



Protected intersections reduce vehicle turning speeds, improve sight lines, and provide people on bicycles advanced queuing to travel through an intersection.

# Transit Visioning Workshops



# Transit Visioning Workshops

## August – September 2022



Integrated Mobility Division  
N.C. DEPARTMENT OF TRANSPORTATION

Region	Hosting City	Location	In-Person Workshop	In-Person Workshop
Southeast	Wilmington	Northeast Branch Library	August 10	August 11
Northeast	Greenville/Rocky Mount	Marriott Courtyard	August 17	August 18
Metrolina	Charlotte	Urban Design Center	August 24	August 25
Mountain South	Asheville	TBD*	September 13	September 14
Mountain North	Boone	TBD*	September 15	September 16
Piedmont	Greensboro	TBD*	September 20	September 21
Triangle	Raleigh	TBD*	September 22	September 23

For more information, contact Bryan Lopez at [balopez@ncdot.gov](mailto:balopez@ncdot.gov)



# IMD's Innovation Process

- Understand emerging mobility trends and challenges
- Develop ideas
- Secure funding
- Pilot innovations
- Shape new policy, deploy proven concepts broadly, and disseminate best practices

## Recent Examples

### Mobility for All



# Connected Autonomous Vehicles (CAV)





# Why CASSI?

**PILOT: LEARNING ABOUT AV**  
LEARN ACROSS DOT AGENCY  
**EVALUATE SAFETY**  
**FIRST MILE/LAST MILE**  
**SOLUTION FOR LIMITED MOBILITY**  
PED AND VEHICULAR INTERACTIONS WITH AV  
**INFRASTRUCTURE NEEDS**  
STUDY VARIOUS TRANSIT USE CASES  
**PROVIDING OPPORTUNITIES FOR PARTNERS**  
**ADVANCE TECHNOLOGY**  
INFORM POLICY AND RULEMAKING



Automated vehicles that accurately detect, recognize, anticipate, and respond to the movements of all transportation system users could lead to breakthrough gains in transportation safety.

# Completed Projects (2020-2021)

## Deployment 1:

NCDOT Transportation Summit  
Raleigh Convention Center



**Dates:** Jan 8-9, 2020  
**Ridership:** around 300  
**Length:** 2,000 feet  
**Speed:** 7-8 mph

*Available for attendees*

## Deployment 2:

NCSU Centennial  
Campus



**Dates:** Jan 21-Feb 25, 2020  
**Ridership:** 260  
**Length:** 0.8 mi  
**Speed:** 10 mph

*Open to public*

## Deployment 3:

Wright Brothers National  
Memorial

*First autonomous shuttle deployment at a National Parks site*

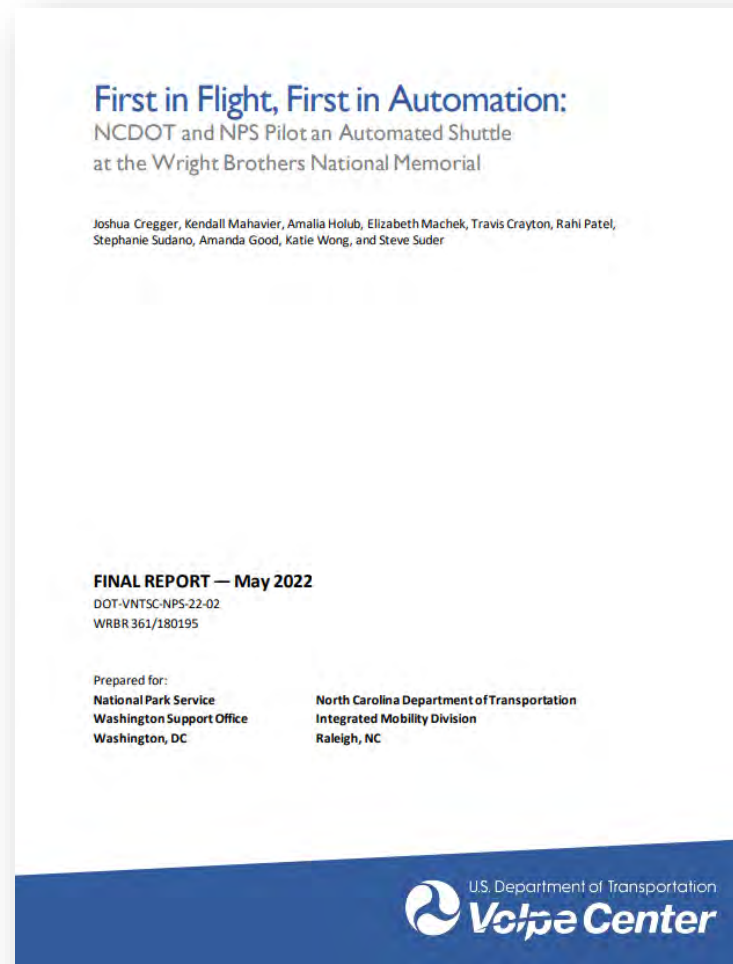


**Dates:** Apr 20-Jul 16, 2021  
**Ridership:** 3,335  
**Length:** 1.2 mi  
**Speed:** 10-12 mph

*Open to public*

# Evaluation and Lessons Learned

- Technology
- Route Design
- Infrastructure
- Operations
- Regulatory
- Public Perception



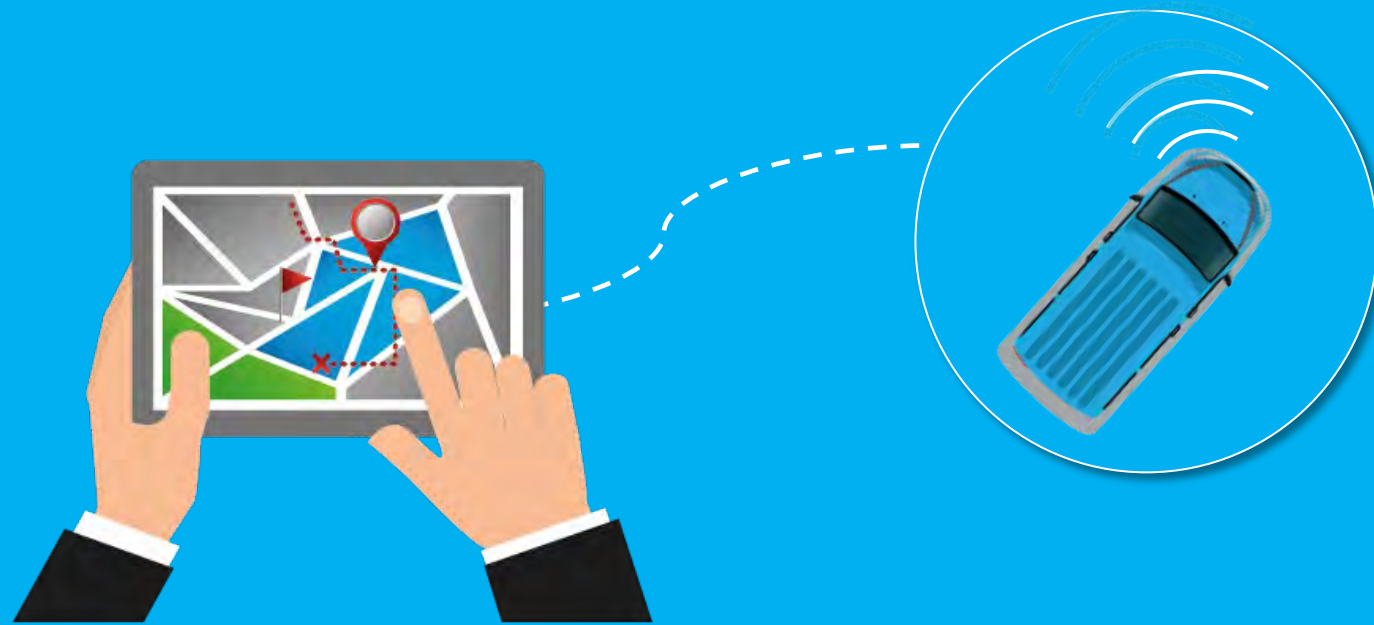
[Link to Report](#)



[Link to Report](#)



# Mobility as a Service (MaaS)



## Mobility as a Service (MaaS)

Mobility as a Service (MaaS) is “an **integrated** mobility concept in which travelers can access their **transportation modes** over a single **digital interface**. MaaS primarily focuses on passenger mobility, allowing travelers to seamlessly **plan, book, and pay** for travel on a pay-as-you-go and/or subscription basis.”

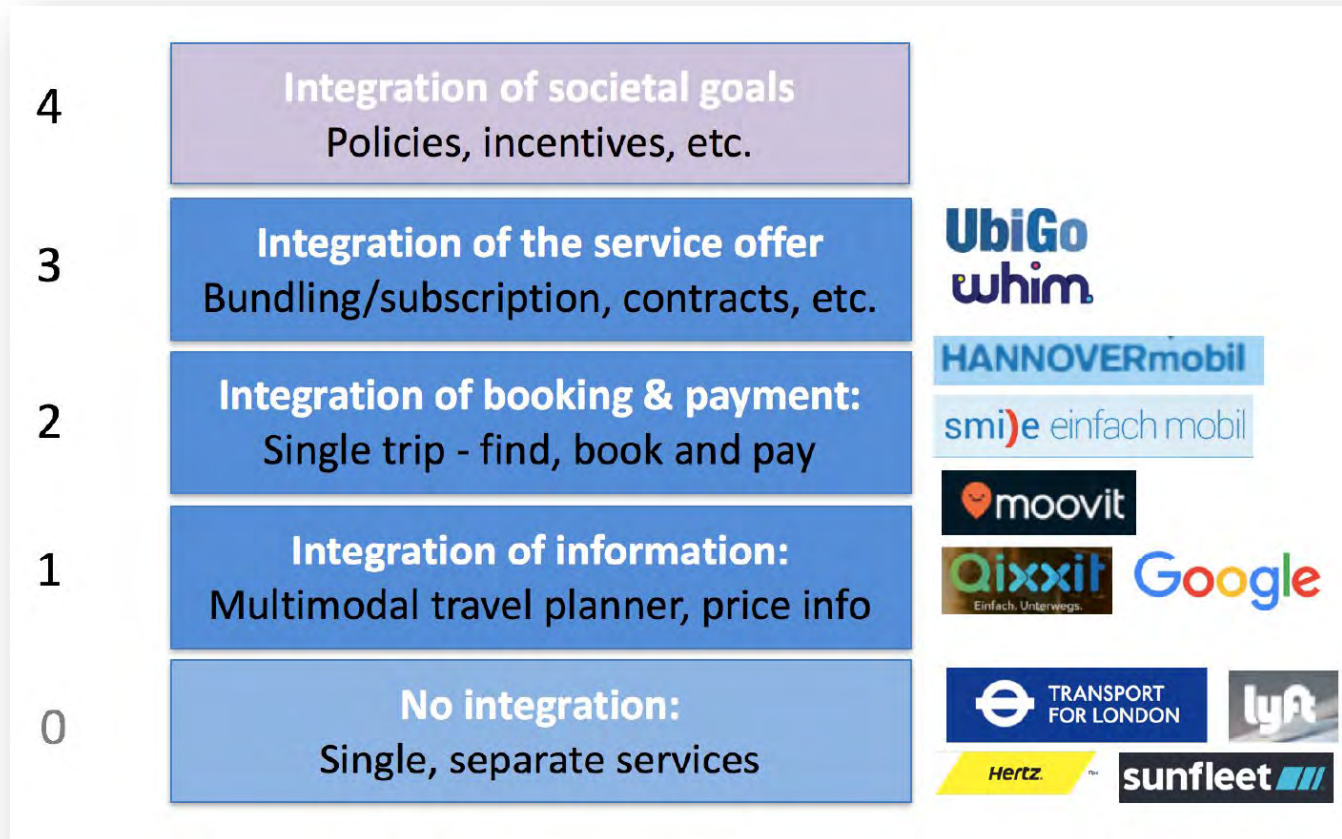
Source: National Center for Applied Transit Technology's "Mobility as a Service: Now and in the Future" White Paper  
Free Download: <https://n-catt.org/resources/mobility-as-a-service-now-and-in-the-future/>

# IMD's Transit Technology Vision

- Anyone can plan, book, and pay for travel across all modes of transportation in one place
- On-demand transit (day-of or hour-of pickup) statewide with seamless cross-jurisdiction trips
- Statewide advanced scheduling software connected by Mobility-as-a-Service (MaaS)



# Mobility as a Service (MaaS) Levels

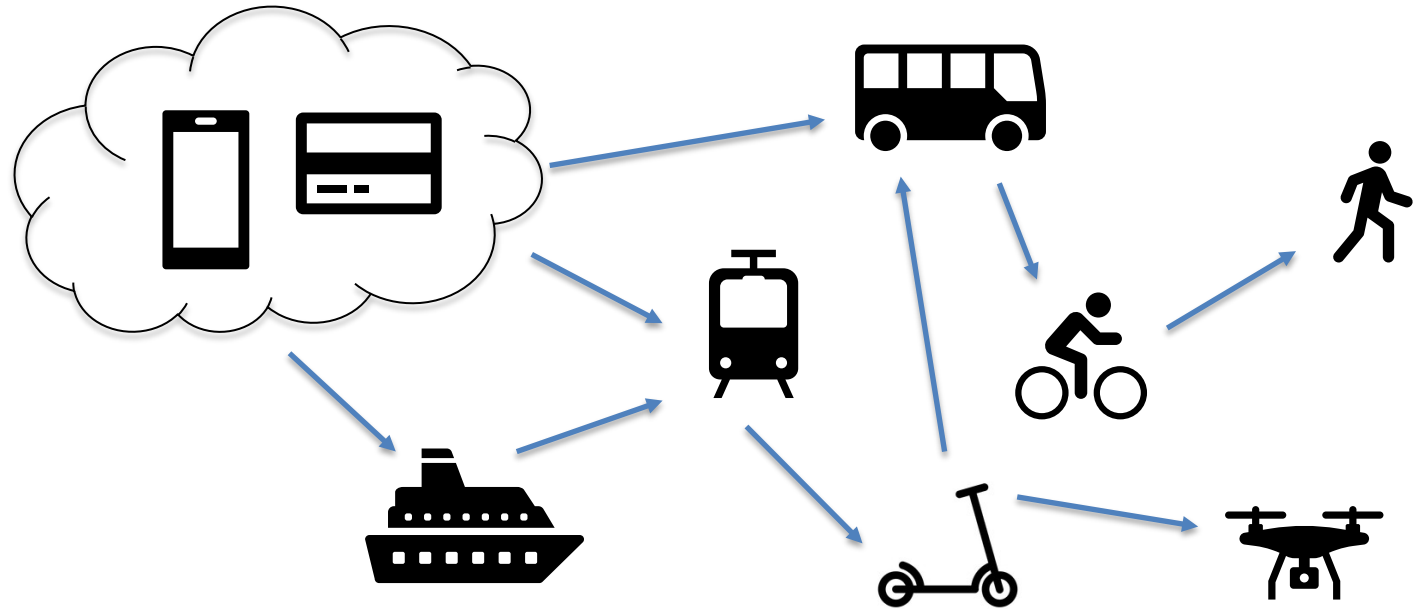


**Source:** Jana Sochor, Hans Arby, MariAnne Karlsson, and Steven Saranini, "A topological approach to Mobility as a Service: A proposed tool for understanding requirements and effects, and for aiding the integration of societal goals," 1<sup>st</sup> International Conference on Mobility as a Service, Tampere, Finland, November 28-29, 2017.



# IMD's Mobility as a Service (MaaS) Initiatives

- Level 1 MaaS Virtual Training
- Request for Information (RFI)
- Statewide Feasibility Study
- Statewide Transit Software Solution RFP

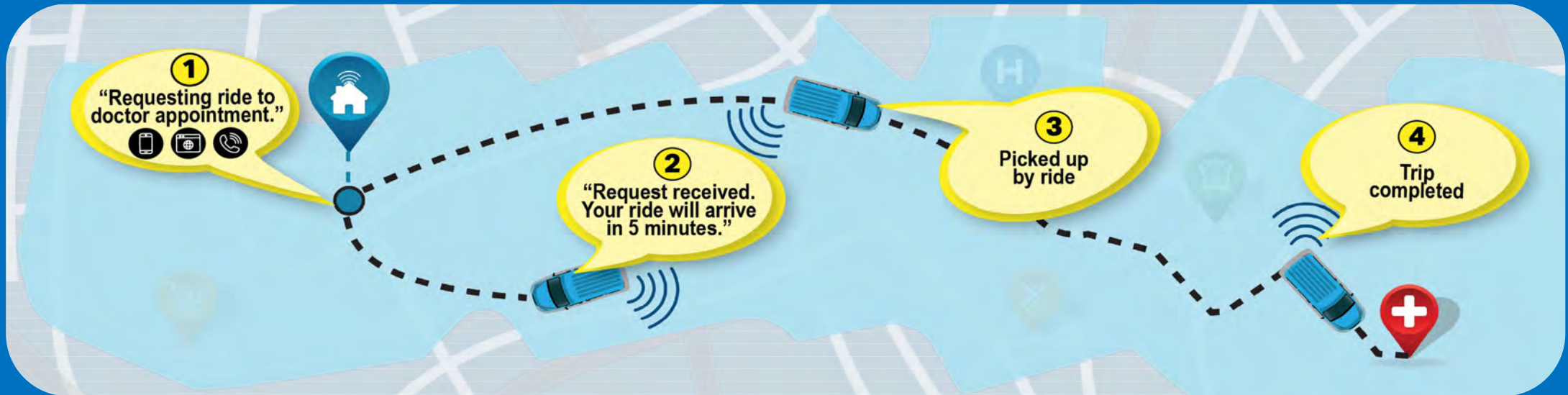


# Microtransit



# Microtransit Overview

A technology-enabled transit service that typically uses shuttles or vans to provide pooled on-demand transportation with dynamic routing.



While it uses similar technology such as a mobile app for requesting and scheduling rides, microtransit is different than a rideshare like Uber or Lyft:

- Typically subsidized
- Operates in defined service zones
- Combines trips rather than serving single trips
- Provides lower fares
- Employs professional drivers and dedicated vehicles

# Service Models



## **Software as a Service (SaaS)**

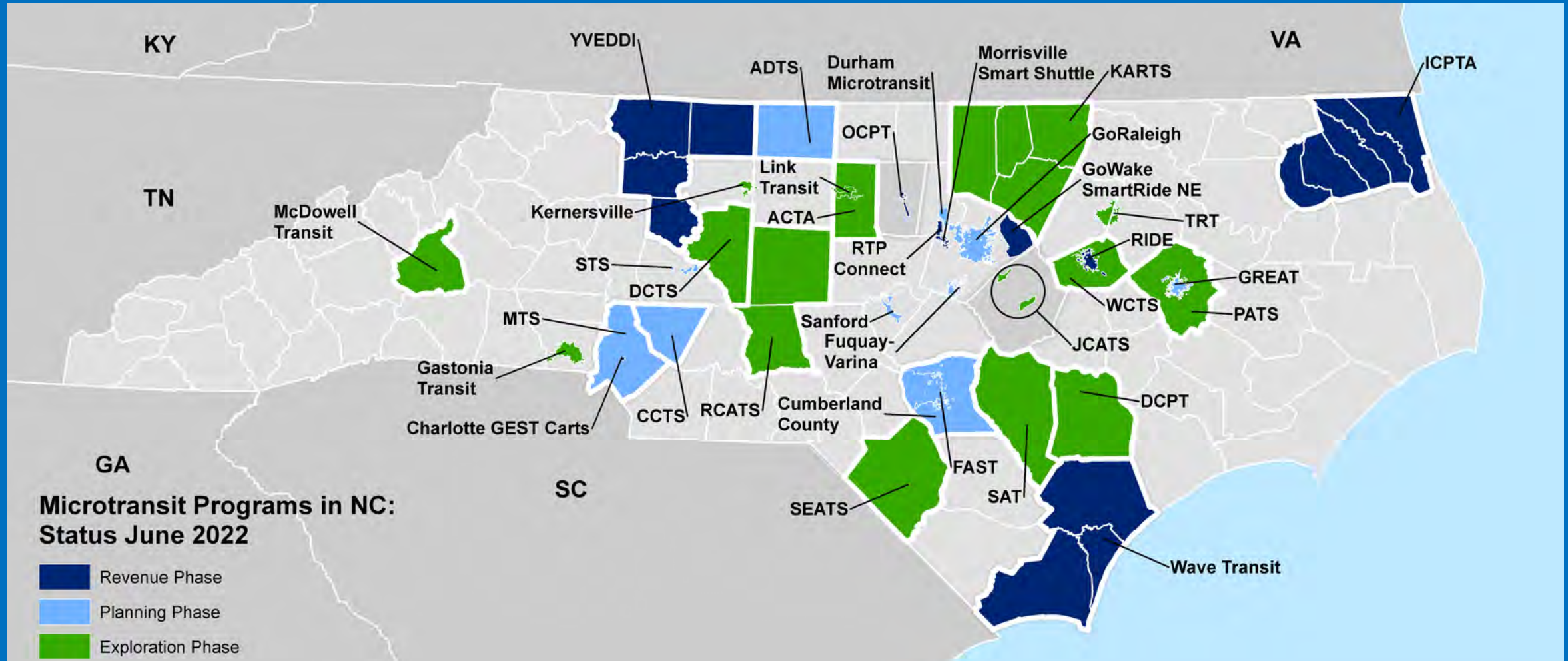
Provides the software and the transit agency provides the drivers, vehicles, and operations management.

## **Transportation as a Service (TaaS) / Turnkey**

Provides the drivers, vehicles, software, and operations management as a turnkey solution on behalf of the transit agency.



# Where is Microtransit Being Implemented?





# North Carolina Examples



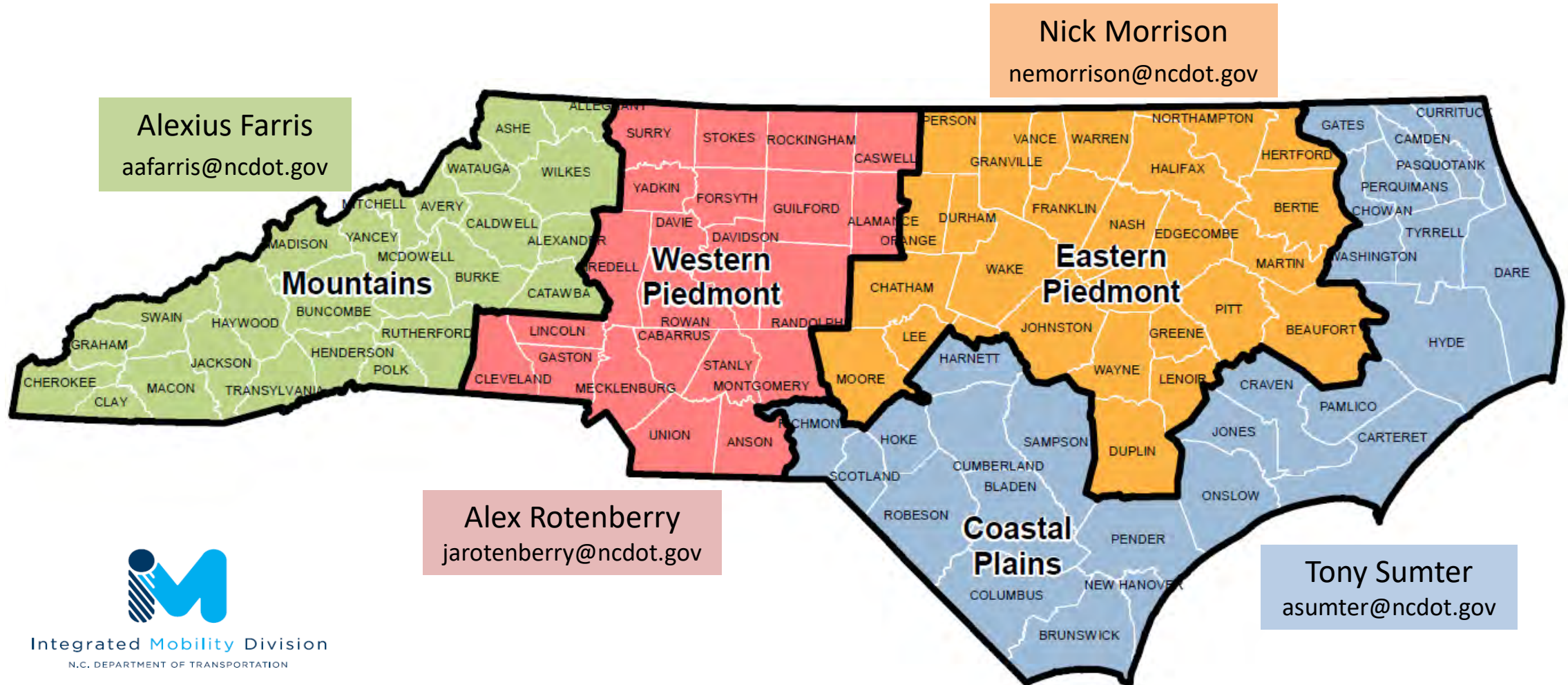
# IMD's Microtransit Initiatives

- Feasibility/Service Planning Studies
- Research Study – *Public Microtransit Pilots in the State of North Carolina: Benefits, Costs and Lessons Learned* (ITRE/NC State University)
- USDOT Rural Surface Transportation Grant Application – [Mobility for Everyone, Everywhere in North Carolina \(MEE NC\)](#)





# IMD Regional Planner Contacts



Integrated Mobility Division  
N.C. DEPARTMENT OF TRANSPORTATION

[Link for Regional Contact Information](#)

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# ROAD, BRIDGE & FERRY NAMING COMMITTEE MEETING MINUTES

**DATE:** August 10, 2022 **TIME:** 10:15AM **LOCATION:** Board Room

<b>MEETING CALLED BY</b>	Chairman Fox
<b>BOARD ATTENDEES</b>	Mike Fox, Valerie Jordan, Dirk Cody & Thomas Taft

## AGENDA TOPICS

<b>1. Call to Order, Roll Call, Declaration of Quorum, Non-Conflict Statement and Consideration of the May 5, 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 May 5, 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 May 5, 2022, meeting be approved as submitted.</p>
<b>ACTIONS TAKEN</b>	<p>Chairman Fox asked for a motion to approve the May 5, 2022, meeting minutes.</p> <p>Board Member Cody made the motion to approve the minutes and Board Member Taft provided the second.</p> <p>Members Mike Fox, Valerie Jordan, Dirk Cody and Thomas Taft voted in favor of approving the minutes and the May 5, 2022, minutes were approved unanimously.</p>
<b>2. Trooper Samuel N Bullard Bridge – Shelly Heath</b>	
<b>DISCUSSION SUMMARY</b>	<p>The bridge on CC Camp Road (SR 1138)/NC 268 Bypass between Collins Road and Pleasant Hill Road southwest of Elkin</p>
<b>ACTIONS TAKEN</b>	<p>Board Member Taft made the motion to approve and Board Member Cody provided the second.</p> <p>Members Mike Fox, Valerie Jordan, Dirk Cody and Thomas Taft voted in favor.</p> <p>Motion to approve passed unanimously.</p>



# ROAD, BRIDGE & FERRY NAMING COMMITTEE MEETING MINUTES

<b>3. Kel Landis III Interchange – Mike Fox</b>	
<b>DISCUSSION SUMMARY</b>	Interchange on US-64 at Church Street, Exit 469
<b>ACTIONS TAKEN</b>	Board Member Cody made the motion to approve and Board Member Jordan provided the second.  Members Mike Fox, Valerie Jordan, Dirk Cody and Thomas Taft voted in favor.  Motion to approve passed unanimously.
<b>4. Upcoming Events – Sazia</b>	
<b>DISCUSSION SUMMARY</b>	<ul style="list-style-type: none"><li>• U.S. 17 Widening - Groundbreaking August 25, 2022 Williamston, NC</li><li>• Hertford S Bridge Opening August 27, 2022 Hertford County</li></ul>
<b>ACTIONS TAKEN</b>	None
<b>Adjournment</b>	
<b>ACTIONS TAKEN</b>	Chairman Fox asked for a motion to adjourn the August 10, 2022, meeting.  Board Member Cody made the motion to adjourn the meeting and Board Member Jordan provided the second.  Members Mike Fox, Valerie Jordan, Dirk Cody and Thomas Taft voted in favor.  Motion to approve passed unanimously.



# ROAD/BRIDGE/FERRY NAMING COMMITTEE AGENDA

## BOARD OF TRANSPORTATION SEPTEMBER 7, 2022

**TIME:** 10:30AM – 10:45AM

**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: Chairman Michael Fox, Vice Chair Andy Perkins, Valerie Jordan and Dirk Cody present</b> <b>Declaration of Quorum</b> <b>Approval of August 10, 2022, Road/Bridge/Ferry Naming Committee Meeting Minutes</b>	Mike Fox, Chair	10:30AM
<b>Review of Submitted Applications</b>	Shelly Heath	10:35AM
<b>Oscar N Harris Bridge</b> – Interstate 95 bridge (overpass) at US Highway 421, Exit 73 in Dunn	Shelly Heath	10:35AM
<b>Upcoming Events</b>	Sazia Bashar	10:40AM
<b>Adjourn</b>	Mike Fox	10:45AM