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**September 7, 2023**

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# **BOARD OF TRANSPORTATION MEETING**

**September 7, 2023**

## **Committee Meetings**

All Committee Reports are located at the end of this document.

## **Full Board Work Session**

**Wednesday, September 6, 2023**

Chairman Fox welcomed the members of the Board to the meeting located in the Board Room.

## **Roll Call**

Chairman Fox conducted a roll call of members with the following members present in the meeting: Chairman Fox, Vice Chair Perkins, Board Member Moran, Board Member Alcoke, Board Member Mitchell, Board Member Daughtry, Board Member Mathis, Board Member Rosenburgh, Board Member Lathrop, Board Member Phillips, Board Member Clarke, Board Member Cody, and Board Member McGrady.

The following members were present via teams: Board Member Jordan, Board Member Hunt, and Board Member Wells.

The following members were absent: Board Member Zimmer, Board Member Molamphy, Board Member Lail and Board Member Harrington.

## **Declaration of Quorum**

Following the roll call, Chairman Fox stated the members participating constituted a quorum of the Board and he declared the meeting open.

## **Call to Order**

Chairman Fox called the full Board Work Session to order on Wednesday, September 6, 2023.

## **Ethics Statement**

Chairman Fox read the Ethics Statement advising all members of the Board that may have any conflict of interest, or appearance of conflict, to refrain from participation in that item and to file the proper paperwork with the Secretary to the Board of Transportation.

Chairman Fox read, "In accordance with the State Government Ethics Act, Executive Order No. 2 issued on January 12, 2009, and N. C. G. S. §143B-350, it is the duty of every Board member to avoid both conflicts of interest and appearances of conflict. "To comply with this statement and the State Ethics Law, I ask whether any Board member has a known conflict of interest or appearance of conflict with respect to any matters coming before the Board today."

"If so, please identify the conflict or appearance of conflict when the item appears on the agenda for consideration, refrain from any undue participation in the particular matter involved and sign before our notary the Declaration that has been provided to you for such purpose."

## **Innovative Technology and Product Awareness**

Chairman Fox noted that a copy of this month's Innovative Technology and Product Awareness update was provided to members of the Board for review and posted on the Board's website for review.

## **Legislative Update**

Chairman Fox welcomed Leigh Jackson, Legislative Affairs Director, to present a legislative update.

## **Complete Streets**

Chairman Fox welcomed Ryan Brumfield, Integrated Mobility Director and Kevin Bowen, Eastern Deputy Chief, to present a Complete Streets Update.

Presentation is attached at the end of this document.

## **Adjournment**

Chairman Fox asked if there were any additional items for discussion. He stated hearing none he would accept a motion to adjourn the meeting. A motion was made by Board Member Daughtry and seconded by Board Member Moran. Chairman Fox stated the motion passed unanimously.

Chairman Fox adjourned the meeting.

## **Official Board Meeting**

### **Thursday, September 7, 2023**

Chairman Fox welcomed the members of the Board to the meeting located in the Board Room.

### **Roll Call**

Chairman Fox conducted a roll call of members with the following members present in the meeting: Chairman Fox, Vice Chair Perkins, Board Member Moran, Board Member Alcoke, Board Member Mitchell, Board Member Daughtry, Board Member Mathis, Board Member Rosenburgh, Board Member Lathrop, Board Member Phillips, Board Member Clarke, Board Member Cody, and Board Member McGrady.

The following members were present via teams: Board Member Jordan, Board Member Hunt, and Board Member Wells.

The following members were absent: Board Member Zimmer, Board Member Molamphy, Board Member Lail and Board Member Harrington.

### **Declaration of Quorum**

Following the roll call, Chairman Fox stated the members participating constituted a quorum of the Board and he declared the meeting open.

### **Call to Order**

Chairman Fox called the full board meeting to order on Thursday, September 7, 2023.

## **Ethics Statement**

Chairman Fox read the Ethics Statement advising all members of the Board that may have any conflict of interest, or appearance of conflict, to refrain from participation in that item and to file the proper paperwork with the Secretary to the Board of Transportation.

Chairman Fox read, "In accordance with the State Government Ethics Act, Executive Order No. 2 issued on January 12, 2009, and N. C. G. S. §143B-350, it is the duty of every Board member to avoid both conflicts of interest and appearances of conflict. "To comply with this statement and the State Ethics Law, I ask whether any Board member has a known conflict of interest or appearance of conflict with respect to any matters coming before the Board today."

"If so, please identify the conflict or appearance of conflict when the item appears on the agenda for consideration, refrain from any undue participation in the particular matter involved and sign before our notary the Declaration that has been provided to you for such purpose."

## **Pledge of Allegiance**

Chairman Fox invited Secretary Boyette to lead the members of the Board and all other meeting attendees in the Pledge of Allegiance.

## **Approval – August 2, 2023, Meeting Minutes**

Chairman Fox stated the meeting minutes from August 2, 2023, were distributed for review prior to the meeting. Chairman Fox stated if there are no additions or corrections, he would accept a motion to approve the August 2, 2023, meeting minutes of the Board of Transportation. A motion was made by Board Member McGrady and a second by Board Member Cody. The minutes were approved unanimously by members of the Board.

Chairman Fox stated the motion passed.

## **Road, Bridge, and Ferry Naming Honorary Designations**

Chairman Fox read the resolution for the North Carolina Tar Heels 2023 Women's National Champions naming located in Division 7. The reading was accepted as a motion by Chairman Fox and a second by Vice Chair Perkins. The motion passed unanimously by the members of the Board.

Chairman Fox read the resolution for the Lenoir-Rhyne 2023 Men's Lacrosse National Champions naming located in Division 12. The reading was accepted as a motion by Chairman Fox and a second by Board Member Daughtry. The motion passed unanimously by the members of the Board.

Board Member Melvin Mitchell read the resolution for the Bishop William H. Cheek Sr. Highway naming located in Division 4. The reading was accepted as a motion by Board Member Mitchell and a second by Board Member Clarke. The motion passed unanimously by the members of the Board.

Chairman Fox read the resolution for the Judge Robert A. Collier Jr. Interchange naming located in Division 12. The reading was accepted as a motion by Chairman Fox and a second by Vice Chair Perkins. The motion passed unanimously by the members of the Board.

### **Secretary's Remarks**

Secretary Boyette started off by providing everyone with a storm recap. He shared some slides and overall, North Carolina had minimal damage from Tropical Storm Idalia. However, our friends to the south were not so lucky and he extended thoughts and prayers on behalf of the department as they continue to recover. At the peak of the storm, we had about 80 road closures and those numbers continued to decrease with just a handful left closed today. Columbus County was the hardest hit county in North Carolina. This was a good test for some of the newer staff on what to expect as we prepare for and respond to these storms. He stated that he is proud of our team as they work together to serve our citizens.

Secretary Boyette then announced that it's almost time for our biannual Litter Sweep. The Fall Litter Sweep is coming up on September 16-30, 2023. He asked for everyone to please help and directed them to look online at [ncdot.gov/litter](http://ncdot.gov/litter) for more information. It is a great opportunity for us to be able to look at we can do to keep North Carolina clean and green. We have collected about 7.5 million pounds of litter this year so far. He said that we are happy and pleased with the volunteer groups who assist the department. He then shared a video to showcase the volunteer efforts from these cleanups.

Secretary Boyette announced that the department recently formed a new group to specifically support women in our agency called Women Connect. The NCDOT Women Connect Employee Group met last week for the first time and had a good turnout. He thanked Administration Secretary Cashwell, DOT Dept. Secretary Pittman and Paula Henderson from SAS for participating in a panel for this first event. He mentioned that there is a SharePoint site where you can find information and upcoming events for this group.

Secretary Boyette announced that we are starting our DBE meetings again. He mentioned that our divisions are working hard holding these events. The next two events will be held on September 9<sup>th</sup> and September 23<sup>rd</sup>. These events are a great way to help our DBEs learn about the department and how they can get their foot in the door. To learn more, search “DBE Outreach” on our website.

Secretary Boyette then spoke about the CLEAR Program’s 2023 NCDOT Innovation Challenge that launched last week. This is an annual challenge that asks our staff to submit ideas for improving processes within the department. The 2023 theme is “idea sharing”. He encouraged everyone on our staff to submit their ideas to help make their division or unit run more efficiently. Submissions will be accepted through September 30<sup>th</sup>, winners will be notified in October and the winners will be announced to the department in December. To submit an idea or for more information, search “clear” on the Connect site.

Secretary Boyette then presented an Order of the Long Leaf Pine Award. This is the highest award for state service granted by the Governor’s Office. The award was presented to Glendora Silver. After her son was nearly hit by a truck while waiting for a school bus, she took it upon herself to prevent similar scenarios happen again. She designed a series of new warning signs for school bus stops and one of the versions became part of the national standard for such signs. She was not a traffic engineer and did not work for DOT, but she saw a need and initiated a personal project to find potential solutions. The recipient briefly spoke and expressed her gratitude for the award.

Lastly, Secretary Boyette shared that this would be his last Board Meeting. After 27 years in State Government, he has made the decision to retire. He shared that this was not an easy decision for him, but that he is proud of what this agency has accomplished during his leadership. He thanked all his staff, colleagues, industry partners, and Chairman Fox for making his experience of serving as Secretary to the Department of Transportation so fulfilling. He also thanked Governor Cooper for the opportunity to serve and for having the confidence in him to get the department to where it needed to be. He shared that leaving the place that he started is exactly what he wanted. He feels proud that he can leave and hand it over to a good and capable friend. He stated that the department is in good hands with newly named Secretary Hopkins. He also thanked the Board Members for everything that they do. He expressed how amazing the department is and that it is a great group of people to work with. NCDOT employees are the hardest working people and when storms are headed our way, they make sure our roads are safe for our citizens.



## **INFORMATION AND DELEGATED AUTHORITY ITEMS**

### **Delegated Authority**

Chairman Fox stated that items C, D, E, H, and L are delegated to the Secretary and require no formal action by the Board.

### **Item C:**

Chairman Fox stated for the record for Item C that all bids were rejected for the project on page 6 of 6. The remaining projects were awarded by the Secretary to the low bidder.

## **ACTION**

### **Action – Project Items**

Chairman Fox asked members of the Board to announce any recusals to the action items within the presented project items. Recusals made by members of the Board on project items are noted below.

Chairman Fox reminded any member of the board that made a recusal to email the completed recusal form to Marilyn McHilse, Board Secretary. He also mentioned that board members sign and email or return the Ethics Declaration.

Chairman Fox invited a motion to approve the project items as presented. A motion was made by Board Member Clarke and a second by Board Member Mitchell to approve all projects for G, I, K, M, N, O, P, R, and S. Chairman Fox conducted a roll call vote of participating members, and the project items were approved unanimously by members of the Board.

Chairman Fox stated the motion passed.

### **Recusals**

Board Member Lathrop recused himself from voting on the following projects:

- **Item K-9 – Mecklenburg County, P-5705A**  
WBS 49491.1.1. Greylock Ridge Road from East John Street to Tank Town Road.  
\$716,000.00 has previously been approved for preliminary engineering. Additional funds are requested.

- **Item O – Columbus County, 80000.1.4.148**

This project Addendum No. 4 to the RJ Corman Railroad Co. (RJCS) Master Rail Freight Assistance Agreement covers construction improvements to the RJCS corridor. The project will improve six (6) bridges on the RJCS rail corridor. RJCS will be responsible for the construction of the project. The total estimated cost of the project is \$218,000 and the total estimated cost to the Department is \$109,000.

- **Item O – Cabarrus County, C-5603F**

This Project consists of constructing of sidewalk along Bethpage Road from South Main Street to Leonard Avenue. This Supplemental Agreement is to increase funding. The Department shall participate in an additional amount not to exceed \$1,985,600 (80%). The Municipality will provide a 20% match of \$496,400 and all costs that exceed the total available funding of \$2,742,000.

- **Item O – Mecklenburg County, 50776**

This Project consists of constructing a pedestrian crossing, install pedestrian signal and modify existing traffic signal at the intersection of US 21 (Sunset Road) and Milhaven Lane. The Municipality is responsible for all phases of the Project, including maintenance upon completion. The Department will review the work and reimburse up to \$86,500 towards the project. All costs that exceed that amount shall be borne by the Municipality.

- **Item O – Mecklenburg County, BL-0084**

This Project consists of construction of sidewalk on Albemarle Rd from Redman Rd to Central Ave and on Wilora Lake Rd from Albemarle to 100' north of Barr Dr; installation of three (3) pedestrian hybrid beacons; and relocation of two (2) bus stops. The Municipality is responsible for all phases of the Project. The Department will reimburse 55% of eligible costs up to a maximum of \$1,755,600 with TADA Funds. The Municipality shall provide the 45% non-federal match and all costs that exceed the total available funding of \$3,192,000.

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

**September 6-7, 2023**

Delegated Authority..... Secretary Boyette

- (Item C) Award of Highway Construction Contracts August 2023 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)**

HIGHWAY LETTING  
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS  
 RALEIGH N.C.  
 AUGUST 2023  
 DIVISION 5

C204462  
 15BPR.124.3  
 STATE FUNDED  
 WAKE, DURHAM  
 08/15/2023

PROPOSAL LENGTH 0.260 MILES

TYPE OF WORK BRIDGE PRESERVATION.

LOCATION BRGS #306 OVER I-40 ON SR-1118, #39 OVER CRABTREE CRK ON SR-2517, AND #83 OVER US-1 & #84 OVER RICHLAND CRK ON NC-98.

EST CONST PROGRESS.... FY-2024...48% OF BID  
 FY-2025...48% OF BID  
 FY-2026...04% OF BID

RPN 001 5 BIDDER(S)

DBE GOAL 1.00 %

ESTIMATE 7,219,991.85

DATE AVAILABLE SEP 25 2023

FINAL COMPLETION SEP 01 2025

	\$ TOTALS	% DIFF
AMERICAN CONTRACTING & SERVICES INC JEFFERSONVILLE, IN	6,707,522.23	-7.1
AMERICAN CIVIL CONSTRUCTORS WEST COAST LLC BENICIA, CA	7,000,000.00	-3.0
CROWDER CONSTRUCTION COMPANY CHARLOTTE, NC	7,994,835.85	+10.7
SOUTHERN ROAD & BRIDGE LLC TARPON SPRINGS, FL	8,346,775.20	+15.6
MOUNTAIN CREEK CONTRACTORS INC MT PLEASANT, SC	9,973,436.80	+38.1

AWARDED

HIGHWAY LETTING  
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS  
 RALEIGH N.C.  
 AUGUST 2023  
 DIVISION 5

C204825  
 35517.3.TA2, 35517.3.TAGV2  
 STATE FUNDED, 0540048  
 WAKE  
 R-2829B  
 08/29/2023

PROPOSAL LENGTH 6.010 MILES

TYPE OF WORK DESIGN-BUILD

LOCATION NC-540 (TRIANGLE EXPRESSWAY SOUTHEAST EXTENSION) FROM SOUTH OF SR-2542 (ROCK QUARRY ROAD) TO I-87/US-64/US-264.

EST CONST PROGRESS.... FY-2024...08% OF BID  
 FY-2025...23% OF BID  
 FY-2026...31% OF BID  
 FY-2027...25% OF BID  
 FY-2028...13% OF BID

RPN 001 3 BIDDER(S)

DBE GOAL 4.00 %

ESTIMATE 517,884,000.00

DATE AVAILABLE OCT 09 2023

FINAL COMPLETION NOV 01 2028

QUALITY ADJUSTED PRICE RANKING

PROPOSAL	TECH SCORE	QUALITY CREDIT %	ACTUAL CONT AMT (PRICE PROP)	ACT % DIFF	QUALITY VALUE	CONT AWARD BASIS (ADJ PRICE)	ADJ % DIFF
BRANCH-S.T. WOOTEN JOINT VENTURE	89.70	13.14	443,585,000.00	-14.3	58,287,069.00	385,297,931.00	-25.6
FLATIRON FRED SMITH COMPANY JV	93.40	15.60	449,946,000.00	-13.1	70,191,576.00	379,754,424.00	-26.7
THE LANE BLYTHE CONSTRUCTION JV	86.40	10.94	551,460,800.00	+6.5	60,329,811.52	491,130,988.48	-5.2

PROPOSAL	PROPOSED COMPLETION DATE
BRANCH-S.T. WOOTEN JOINT VENTURE	SEP 15, 2028
FLATIRON FRED SMITH COMPANY JV	SEP 20, 2028
THE LANE BLYTHE CONSTRUCTION JV	OCT 29, 2028

**AWARDED**



HIGHWAY LETTING  
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS  
 RALEIGH N.C.  
 AUGUST 2023  
 DIVISION 9

C204815  
 45738.3.1  
 NHP-0029(063)  
 DAVIDSON  
 B-5783  
 08/15/2023

PROPOSAL LENGTH 0.550 MILES

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

LOCATION BRIDGES #164 AND 168 OVER THE NORFOLK SOUTHERN RAILWAY ON US-29/70 I-85 BUS.

EST CONST PROGRESS.... FY-2024...31% OF BID  
 FY-2025...38% OF BID  
 FY-2026...25% OF BID  
 FY-2027...06% OF BID

RPN 003 6 BIDDER(S)

DBE GOAL 4.00 %

ESTIMATE 12,800,686.37

DATE AVAILABLE OCT 16 2023

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

FINAL COMPLETION MAY 14 2027

	\$ TOTALS	% DIFF
SMITH-ROWE, LLC MOUNT AIRY, NC	12,230,177.29	-4.5
W C ENGLISH INCORPORATED LYNCHBURG, VA	14,346,337.47	+12.1
ZACHRY CONSTRUCTION CORPORATION SAN ANTONIO, TX	14,470,586.29	+13.0
REEVES CONSTRUCTION COMPANY DUNCAN, SC	15,637,863.30	+22.2
CATON CONSTRUCTION GROUP INC CHARLOTTESVILLE, VA	15,697,800.21	+22.6
DANE CONSTRUCTION INC MOORESVILLE, NC	16,655,006.00	+30.1

AWARDED

HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
AUGUST 2023  
DIVISION 12

PAGE: 5 of 6  
ITEM C

C204893  
50186.3.1  
STATE FUNDED  
CLEVELAND  
U-5775  
08/15/2023

PROPOSAL LENGTH 0.200 MILES

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

LOCATION INTERSECTION OF US 74 BUSINESS (MARION STREET) AT NC 150 (CHERRYVILLE ROAD) AND PEACH STREET.

EST CONST PROGRESS.... FY-2024...29% OF BID  
FY-2025...70% OF BID  
FY-2026...01% OF BID

RPN 004 1 BIDDER(S)

DBE GOAL 4.00 %

ESTIMATE 6,757,357.75

DATE AVAILABLE MAR 15 2024

INTER COMPLETION JUL 15 2025 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR PERMANENT VEGETATION ESTABLISHMENT

FINAL COMPLETION JAN 11 2026

	\$ TOTALS	% DIFF
KEMP SIGMON CONSTRUCTION CO INC CLAREMONT, NC	8,330,070.92	+23.3

**AWARDED**



HIGHWAY LETTING  
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS  
 RALEIGH N.C.  
 AUGUST 2023  
 DIVISION 14

C204856  
 44984.3.1  
 STATE FUNDED  
 PENNSYLVANIA  
 R-5799  
 08/15/2023

PROPOSAL LENGTH 0.461 MILES

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

LOCATION INTERSECTIONS OF US-64 / US-276 (HENDERSONVILLE HWY), AND US-64 / NC-280 (ASHEVILLE HWY).

EST CONST PROGRESS.... FY-2024...30% OF BID  
 FY-2025...38% OF BID  
 FY-2026...28% OF BID  
 FY-2027...04% OF BID

RPN 005 1 BIDDER(S)

DBE GOAL 6.00 %

ESTIMATE 19,193,290.20

DATE AVAILABLE OCT 16 2023

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

FINAL COMPLETION MAY 14 2027

	\$ TOTALS	% DIFF
BUCHANAN AND SONS INC WHITTIER, NC	25,590,590.00	+33.3

ESTIMATE TOTAL	577,850,999.67	
LETTING TOTAL	516,423,240.44	-10.6

REJECTED

**NCDOT September 2023  
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 1-7**

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>DIVISIONS 1-7</b>	
Description of work:	Eastern Divisions (1-7) 2022 Planning and Design Engineering Services Consultant (PDSC) and General Engineering Services Consultant (GESC) LSC
Firm:	HNTB North Carolina PC, Raleigh, NC
Original Engineering Fee:	\$4,000,000.00
Supplemental Fee:	\$9,000,000.00
SPSF Utilization:	Carolina Land Acquisitions Inc
	15% / \$1,350,000.00
SPSF Utilization:	The Wooten Company
	1% / \$90,000.00
SPSF Utilization:	MI Engineering PLLC
	2% / \$180,000.00

**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 8-14</b>	
Description of work:	2021 Planning and Design Engineering Services Consultant (PDSC) and General Engineering Services Consultant (GESC) – LSC for Divisions 8-14
Firm:	Transystems Corporation, Chicago, IL
Original Engineering Fee:	\$4,000,000.00
Supplemental Fee:	\$3,000,000.00

**September 07, 2023**

SPSF Utilization:	Hinde Engineering Inc
	2% / \$60,000.00
SPSF Utilization:	Parrish and Partners of North Carolina PLLC
	4% / \$120,000.00
SPSF Utilization:	Patriot Transportation Engineering PLLC
	2% / \$60,000.00
SPSF Utilization:	Carolina Transportation Engineers & Associates PC
	3% / \$90,000.00
Description of work:	2021 Planning and Design Engineering Services Consultant (PDSC) and General Engineering Services Consultant (GESC) – LSC for Divisions 8-14
Firm:	HNTB North Carolina PC, Raleigh, NC
Original Engineering Fee:	\$4,000,000.00
Previous Supplemental Fee:	\$1,500,000.00
Supplemental Fee:	\$3,500,000.00
SPSF Utilization:	Carolina Ecosystems Inc
	1% / \$35,000.00
DBE/WBE/SPSF Utilization:	CES Group Engineers LLP
	0.6% / \$21,000.00
SPSF Utilization:	Carolina Land Acquisitions Inc
	0.7% / \$24,500.00
SPSF Utilization:	Hinde Engineering Inc
	0.5% / \$17,500.00
SPSF Utilization:	MI Engineering PLLC
	0.6% / \$21,000.00
Description of work:	2021 Planning and Design Engineering Services Consultant (PDSC) and General Engineering Services Consultant (GESC) – LSC for Divisions 8-14
Firm:	Gannet Flemming Inc, Philadelphia, PA
Original Engineering Fee:	\$4,000,000.00
Previous Supplemental Fee:	\$3,200,000.00
Supplemental Fee:	\$1,000,000.00
SPSF Utilization:	Carolina Transportation Engineers & Associates PC
	4% / \$40,000.00
DBE/MBE/SPSF Utilization:	Hearns Real Estate Solutions LLC
	2.5% / \$25,000.00
SPSF Utilization:	Mattern & Craig Inc
	2% / \$20,000.00
SPSF Utilization:	MI Engineering PLLC
	2% / \$20,000.00
SPSF Utilization:	Patriot Transportation Engineering PLLC
	3.5% / \$35,000.00
DBE/WBE/SPSF Utilization:	Richard Grubb and Associates Inc
	1% / \$10,000.00
DBE/WBE/SPSF Utilization:	Three Oaks Engineering Inc

	7.5% / \$75,000.00
Description of work:	2021 Planning and Design Engineering Services Consultant (PDSC) and General Engineering Services Consultant (GESC) – LSC for Divisions 8-14
Firm:	TGS Engineers, Shelby, NC
Original Engineering Fee:	\$4,000,000.00
Previous Supplemental Fee:	\$3,000,000.00
Supplemental Fee:	\$2,000,000.00
SPSF Utilization:	Carolina Ecosystems Inc
	3% / \$60,000.00
SPSF Utilization:	Carolinas Geotechnical Group PLLC
	3% / \$60,000.00
SPSF Utilization:	Hinde Engineering Inc
	2% / \$40,000.00
DBE/MBE/SPSF Utilization:	MM/I and Associates LLC
	1% / \$20,000.00
DBE/WBE/SPSF Utilization:	New South Associates Inc
	1% / \$20,000.00
SPSF Utilization:	Rice LLC
	2% / \$40,000.00
SPSF Utilization:	The Wooten Company
	2% / \$40,000.00

**Chief Engineer - Division 5**

After careful evaluation of the workload and schedules of the work that can be accomplished by our staff, it was determined necessary to employ a private firm to perform Construction Engineering and Inspection services listed below for our Department to obligate available funds. Our staff was authorized to proceed with the actions required to employ private engineering firms in accordance with the policies and procedures adopted by the Board on May 7, 2009. This is for information only.

<b>DIVISION 5</b>	
Project:	35517.3.TA1 (R-2829A) Wake County; and 35517.3.TA2 (R-2829B) Wake County
	R-2829A – Eastern Wake construction of new route (future NC 540), I-40 to south of Rock Quarry Road. Construct freeway on new location; and R-2829B – Eastern Wake construction of new route (future NC 540), south of Rock Quarry Road to I-87 / US 64 / US 264 Bypass. Construct freeway on new location
Scope of Work:	Construction Engineering and Inspection
Estimated Construction Cost:	R-2829A - \$330,400,000.00; and R-2829B - \$420,900,000.00
Firm:	WSP USA Inc, Dallas TX
Maximum Engineering Fee:	\$53,545,363.54
SPSF Utilization:	0%

**Chief Engineer - Statewide**

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:	ICE of Carolinas PLLC, Columbia, SC
Original Engineering Fee:	\$5,000,000.00
Previous Supplemental Fee:	\$1,500,000.00
Supplemental Fee:	\$1,500,000.00
SPSF Utilization:	0%

**Office of Strategic Planning and Programming - Division of Planning & Programming**

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 Feasibility Studies and General Programming and Prioritization services on an as needed basis for various federal-aid and state funded projects to support the Division of Planning & Programming. These contracts will expire two (2) years with one (1) optional one (1) year extension after the date of execution or after the contract amount has been depleted, whichever occurs first. Our staff has completed the actions for employing private firms in accordance with the policies and procedures adopted by the Board on May 7, 2009. This is for information only.

<b>STATEWIDE</b>	
Description of Work:	2023 Feasibility Studies and General Programming and Prioritization LSC
Firm:	A Morton Thomas & Associates Inc, Rockville, MD
Maximum Engineering Fee:	\$2,000,000.00
SPSF Utilization:	0%
Description of Work:	2023 Feasibility Studies and General Programming and Prioritization LSC
Firm:	Accelerate Engineering PLLC, Cary, NC
Maximum Engineering Fee:	\$4,000,000.00
DBE/MBE/SPSF Utilization:	100%
Description of Work:	2023 Feasibility Studies and General Programming and Prioritization LSC
Firm:	AECOM Technical Services of North Carolina Inc, Chicago, IL
Maximum Engineering Fee:	\$4,000,000.00
SPSF Utilization:	0%

Description of Work:	2023 Feasibility Studies and General Programming and Prioritization LSC
Firm:	Alfred Benesch & Company, Chicago, IL
Maximum Engineering Fee:	\$4,000,000.00
SPSF Utilization:	0%
Description of Work:	2023 Feasibility Studies and General Programming and Prioritization LSC
Firm:	ATCS PLLC, Herndon, VA
Maximum Engineering Fee:	\$4,000,000.00
SPSF Utilization:	0%
Description of Work:	2023 Feasibility Studies and General Programming and Prioritization LSC
Firm:	Atkins North America Inc, Atlanta, GA
Maximum Engineering Fee:	\$4,000,000.00
SPSF Utilization:	0%
Description of Work:	2023 Feasibility Studies and General Programming and Prioritization LSC
Firm:	Bolton & Menk Inc, Mankato, MN
Maximum Engineering Fee:	\$4,000,000.00
SPSF Utilization:	0%
Description of Work:	2023 Feasibility Studies and General Programming and Prioritization LSC
Firm:	Cambridge Systematics Inc, Medford, MA
Maximum Engineering Fee:	\$2,000,000.00
SPSF Utilization:	0%
Description of Work:	2023 Feasibility Studies and General Programming and Prioritization LSC
Firm:	CDM Smith Inc, Atlanta, GA
Maximum Engineering Fee:	\$4,000,000.00
SPSF Utilization:	0%
Description of Work:	2023 Feasibility Studies and General Programming and Prioritization LSC
Firm:	Dewberry Engineers Inc, Philadelphia, PA
Maximum Engineering Fee:	\$4,000,000.00
SPSF Utilization:	0%
Description of Work:	2023 Feasibility Studies and General Programming and Prioritization LSC
Firm:	DRMP NC Inc, Charlotte, NC
Maximum Engineering Fee:	\$4,000,000.00
SPSF Utilization:	0%

Description of Work:	2023 Feasibility Studies and General Programming and Prioritization LSC
Firm:	EL Robinson Engineering Co, Charleston, WV
Maximum Engineering Fee:	\$4,000,000.00
SPSF Utilization:	0%
Description of Work:	2023 Feasibility Studies and General Programming and Prioritization LSC
Firm:	Exult Engineering PC, Raleigh, NC
Maximum Engineering Fee:	\$4,000,000.00
SPSF Utilization:	100%
Description of Work:	2023 Feasibility Studies and General Programming and Prioritization LSC
Firm:	Fountainworks Inc, Raleigh, NC
Maximum Engineering Fee:	\$2,000,000.00
SPSF Utilization:	0%
Description of Work:	2023 Feasibility Studies and General Programming and Prioritization LSC
Firm:	Gannett Fleming Inc, Philadelphia, PA
Maximum Engineering Fee:	\$4,000,000.00
SPSF Utilization:	0%
Description of Work:	2023 Feasibility Studies and General Programming and Prioritization LSC
Firm:	Greenman Pedersen Inc, Kinston, NC
Maximum Engineering Fee:	\$2,000,000.00
SPSF Utilization:	0%
Description of Work:	2023 Feasibility Studies and General Programming and Prioritization LSC
Firm:	H W Lochner Inc, Raleigh, NC
Maximum Engineering Fee:	\$4,000,000.00
SPSF Utilization:	0%
Description of Work:	2023 Feasibility Studies and General Programming and Prioritization LSC
Firm:	HDR Engineering Inc of the Carolinas, Chicago, IL
Maximum Engineering Fee:	\$4,000,000.00
SPSF Utilization:	0%

Description of Work:	2023 Feasibility Studies and General Programming and Prioritization LSC
Firm:	HNTB North Carolina PC, Raleigh, NC
Maximum Engineering Fee:	\$4,000,000.00
SPSF Utilization:	0%
Description of Work:	2023 Feasibility Studies and General Programming and Prioritization LSC
Firm:	Ramey Kemp Associates, Raleigh, NC
Maximum Engineering Fee:	\$4,000,000.00
SPSF Utilization:	0%
Description of Work:	2023 Feasibility Studies and General Programming and Prioritization LSC
Firm:	Davenport, Winston Salem, NC
Maximum Engineering Fee:	\$4,000,000.00
DBE/MBE/SPSF Utilization:	100%
Description of Work:	2023 Feasibility Studies and General Programming and Prioritization LSC
Firm:	JMT, Hunt Valley, MD
Maximum Engineering Fee:	\$4,000,000.00
SPSF Utilization:	0%
Description of Work:	2023 Feasibility Studies and General Programming and Prioritization LSC
Firm:	Kimley Horn & Associates Inc, Atlanta, GA
Maximum Engineering Fee:	\$4,000,000.00
SPSF Utilization:	0%
Description of Work:	2023 Feasibility Studies and General Programming and Prioritization LSC
Firm:	Kisinger Campo & Associates Corp, Tampa, FL
Maximum Engineering Fee:	\$4,000,000.00
SPSF Utilization:	0%
Description of Work:	2023 Feasibility Studies and General Programming and Prioritization LSC
Firm:	Kittelson & Associates Inc, Chicago, IL
Maximum Engineering Fee:	\$4,000,000.00
SPSF Utilization:	0%



Description of Work:	2023 Feasibility Studies and General Programming and Prioritization LSC
Firm:	LJB Engineering Professional Corporation, Middletown, OH
Maximum Engineering Fee:	\$4,000,000.00
SPSF Utilization:	0%
Description of Work:	2023 Feasibility Studies and General Programming and Prioritization LSC
Firm:	Mattern & Craig Inc, Roanoke, VA
Maximum Engineering Fee:	\$2,000,000.00
SPSF Utilization:	100%
Description of Work:	2023 Feasibility Studies and General Programming and Prioritization LSC
Firm:	McCormick Taylor Inc, Philadelphia, PA
Maximum Engineering Fee:	\$4,000,000.00
SPSF Utilization:	0%
Description of Work:	2023 Feasibility Studies and General Programming and Prioritization LSC
Firm:	Mead & Hunt Inc, Middleton, WI
Maximum Engineering Fee:	\$4,000,000.00
SPSF Utilization:	0%
Description of Work:	2023 Feasibility Studies and General Programming and Prioritization LSC
Firm:	Michael Baker Engineering Inc, Pittsburgh, PA
Maximum Engineering Fee:	\$4,000,000.00
SPSF Utilization:	0%
Description of Work:	2023 Feasibility Studies and General Programming and Prioritization LSC
Firm:	Moffatt & Nichol Incorporated, Los Angeles, CA
Maximum Engineering Fee:	\$4,000,000.00
SPSF Utilization:	0%
Description of Work:	2023 Feasibility Studies and General Programming and Prioritization LSC
Firm:	Mott MacDonald I & E LLC, Pittsburgh, PA
Maximum Engineering Fee:	\$4,000,000.00
SPSF Utilization:	0%

Description of Work:	2023 Feasibility Studies and General Programming and Prioritization LSC
Firm:	MS Consultants Inc, Columbus, OH
Maximum Engineering Fee:	\$4,000,000.00
SPSF Utilization:	0%
Description of Work:	2023 Feasibility Studies and General Programming and Prioritization LSC
Firm:	NV5 Engineers and Consultants Inc, Chicago, IL
Maximum Engineering Fee:	\$4,000,000.00
SPSF Utilization:	0%
Description of Work:	2023 Feasibility Studies and General Programming and Prioritization LSC
Firm:	Parrish and Partners of North Carolina PLLC, Columbia, SC
Maximum Engineering Fee:	\$4,000,000.00
SPSF Utilization:	100%
Description of Work:	2023 Feasibility Studies and General Programming and Prioritization LSC
Firm:	Patriot Transportation Engineering PLLC, Raleigh, NC
Maximum Engineering Fee:	\$2,000,000.00
SPSF Utilization:	100%
Description of Work:	2023 Feasibility Studies and General Programming and Prioritization LSC
Firm:	Rice LLC, Cary, NC
Maximum Engineering Fee:	\$2,000,000.00
SPSF Utilization:	100%
Description of Work:	2023 Feasibility Studies and General Programming and Prioritization LSC
Firm:	RS&H Architects Engineers Planners Inc, Jacksonville, FL
Maximum Engineering Fee:	\$4,000,000.00
SPSF Utilization:	0%
Description of Work:	2023 Feasibility Studies and General Programming and Prioritization LSC
Firm:	RK&K, Raleigh, NC
Maximum Engineering Fee:	\$4,000,000.00
SPSF Utilization:	0%

Description of Work:	2023 Feasibility Studies and General Programming and Prioritization LSC
Firm:	Stantec Consulting Services Inc, Chicago, IL
Maximum Engineering Fee:	\$4,000,000.00
SPSF Utilization:	0%
Description of Work:	2023 Feasibility Studies and General Programming and Prioritization LSC
Firm:	Stewart, Philadelphia, PA
Maximum Engineering Fee:	\$4,000,000.00
SPSF Utilization:	0%
Description of Work:	2023 Feasibility Studies and General Programming and Prioritization LSC
Firm:	STV Engineers Inc, Douglassville, PA
Maximum Engineering Fee:	\$4,000,000.00
SPSF Utilization:	0%
Description of Work:	2023 Feasibility Studies and General Programming and Prioritization LSC
Firm:	McAdams Company, Raleigh, NC
Maximum Engineering Fee:	\$4,000,000.00
SPSF Utilization:	0%
Description of Work:	2023 Feasibility Studies and General Programming and Prioritization LSC
Firm:	Three Oaks Engineering Inc, Durham, NC
Maximum Engineering Fee:	\$4,000,000.00
DBE/WBE/SPSF Utilization:	100%
Description of Work:	2023 Feasibility Studies and General Programming and Prioritization LSC
Firm:	Transystems Corporation, Chicago, IL
Maximum Engineering Fee:	\$4,000,000.00
SPSF Utilization:	0%
Description of Work:	2023 Feasibility Studies and General Programming and Prioritization LSC
Firm:	VHB Engineering NC PC, Boston, MA
Maximum Engineering Fee:	\$4,000,000.00
SPSF Utilization:	0%
Description of Work:	2023 Feasibility Studies and General Programming and Prioritization LSC
Firm:	Vias Infrastructure PLLC, Wake Forest, NC
Maximum Engineering Fee:	\$4,000,000.00
DBE/MBE/SPSF Utilization:	100%

Description of Work:	2023 Feasibility Studies and General Programming and Prioritization LSC
Firm:	Wetherill Engineering Inc, Raleigh, NC
Maximum Engineering Fee:	\$4,000,000.00
SPSF Utilization:	100%
Description of Work:	2023 Feasibility Studies and General Programming and Prioritization LSC
Firm:	WGI Inc, West Palm Beach, FL
Maximum Engineering Fee:	\$4,000,000.00
SPSF Utilization:	0%
Description of Work:	2023 Feasibility Studies and General Programming and Prioritization LSC
Firm:	Whitman Requardt and Associates LLP, Baltimore, MD
Maximum Engineering Fee:	\$4,000,000.00
SPSF Utilization:	0%
Description of Work:	2023 Feasibility Studies and General Programming and Prioritization LSC
Firm:	WSP USA Inc, Dallas, TX
Maximum Engineering Fee:	\$4,000,000.00
SPSF Utilization:	0%

**END of ITEM D.**

**NCDOT SEPTEMBER 2023 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 5 Wake	SR 2271 Dogwood Dr	Grade, drain, base and pave Establish funds WBS 5C.092150	\$139,000.00
Div 8 Randolph	SR 1108 King Mtn Rd	Grade, drain, base and pave Establish funds WBS 8C.076164	\$428,571.43

**Projects to Decrease and close:**

<b>Division &amp; County</b>	<b>Secondary Road Number &amp; Name</b>	<b>Project Description</b>	<b>Amount</b>
Division 4 Johnston	SR 2135 Old Creech Rd	Grade & stabilize Decrease funds & close 4C.051142	(\$1,017,785.52)

**Item E Summary:**

<b>2</b>	<b>Projects to Establish Funds</b>	<b>\$567,571.43</b>
<b>0</b>	<b>Projects to Reopen and Fund</b>	<b>\$0.00</b>
<b>0</b>	<b>Projects to Increase Funds</b>	<b>\$0.00</b>
<b>0</b>	<b>Projects to Increase and Close</b>	<b>\$0.00</b>
<b>0</b>	<b>Projects to Decrease Funds</b>	<b>\$0.00</b>
<b>1</b>	<b>Projects to Decrease and Close</b>	<b>(\$1,017,785.52)</b>

**NCDOT SEPTEMBER 2023 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>
Div 4 Johnston	WBS 80072 Established (02/18) to improve intersection to eliminate skew and install a WB left turn lane on SR 1550 (Winston Rd) at SR 1551 (Guy Rd) Increase funds	High Impact / Low Cost  TOTAL	\$670,905.53  <u>\$670,905.53</u>
Div 4 Johnston	WBS 80112 Establish (02/22) to extend SR 1902 (Glen Laurel Rd) from SR 1901 (Powhatan Rd) to Bridge 622 over North Carolina Railroad (NCR) on SR 2850 (GLP One Way) Decrease funds	Contingency TOTAL	<u>(\$3,000,000.00)</u> <u>(\$3,000,000.00)</u>
Div 4 Johnston	WBS 80122 Construct roadway from SR 1178 (Keen Rd) to Four Oaks Parkway Establish funds	Contingency TOTAL	<u>\$3,000,000.00</u> <u>\$3,000,000.00</u>
Div 4 Nash	WBS 80071 Established (02/18) to install left turn lane at SR 1544 (Halifax Road) and Ketch Point Drive in Rocky Mount. Increase funds	High Impact / Low Cost  TOTAL	\$750,000.00  <u>\$750,000.00</u>
Div 5 Granville	WBS 72.1120 Repair/resurface driveway of Creedmoor VFD driveway to include improved transition grade from driveway to S Elm St, replacement of driveway pipes and associated structures Establish funds	Contingency  Public Access TOTAL	\$25,647.17  <u>\$20,352.83</u> <u>\$46,000.00</u>
Div 7 Alamance	WBS 47786 Additional funding needed to cover utility cost for traffic signal and intersection improvements on SR 1007 (Mebane Oaks Rd) and SR 2126 (Old Hillsborough Rd) Increase & close	High Impact / Low Cost TOTAL	<u>\$111,722.58</u> <u>\$111,522.58</u>

**NCDOT SEPTEMBER 2023 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>
Div 7 Orange	WBS 51130 Eliminate slip ramp on SR 1120 (Mt Willing Rd) at SR 1117 (Oak Grove Church Rd) Establish funds	High Impact / Low Cost <hr/> TOTAL	<hr/> \$75,000.00 \$75,000.00
Div 8 Lee	WBS 51091 Install "Prepare to Stop When Flashing" signs and flashers on US15-501 at the intersection of Oak Park Rd Establish funds	High Impact / Low Cost <hr/> TOTAL	<hr/> \$100,000.00 \$100,000.00
Div 8 Moore	WBS 51093 Installation of All Way Stop at the intersection of Niagara Carthage Rd (SR 1802) and Camp Easter Rd (SR 1853) Establish funds	High Impact / Low Cost <hr/> TOTAL	<hr/> \$15,000.00 \$15,000.00
Div 12 Catawba	WBS 47856 Established (02/18) for curve widening, resurfacing, and guardrail improvements on Old Shelby Rd (SR 1002 & SR 1124) from Hildebran Shelby Rd (1206) to Brittain Rd (SR 1113) Decrease funds	High Impact / Low Cost <hr/> TOTAL	<hr/> (\$15,000.00) (\$15,000.00)
Div 12 Lincoln	WBS 47857 Established (02/18) for turn lane extensions, signalization, pavement markings and signing improvements to the superstreet intersection of NC 16 and Optimist Club Rd (SR 1380) Increase funds	High Impact / Low Cost <hr/> TOTAL	<hr/> \$15,000.00 \$15,000.00

**Summary: 11 Projects**

<b>High Impact / Low Cost Commitment:</b>	<b>\$1,722,628.11</b>
<b>Small Construction Commitment:</b>	<b>\$0.00</b>
<b>Contingency Commitment:</b>	<b>\$25,647.17</b>
<b>Economic Development Commitment:</b>	<b>\$0.00</b>
<b>Public Access Commitment:</b>	<b>\$20,352.83</b>
<b>TOTAL:</b>	<b>\$1,768,628.11</b>

**NCDOT SEPTEMBER 2023 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>
DIVISIONWIDE CO. DIV. 1 SS-6001Q	WBS 49643.3.1 DIVISION 1 - VARIOUS ROUTES IN ALL COUNTIES. \$224,050.51 IN SPOT SAFETY CONSTRUCTION FUNDS HAS PREVIOUSLY BEEN APPROVED TO INSTALL NECESSARY SAFETY SIGNS (STOP, SPEED LIMIT, ONE WAY, CHEVRON, ETC.). ADDITIONAL FUNDS ARE NEEDED DUE TO INCREASED CONSTRUCTION COSTS. FILE 01-21-001-2	\$100,000.00
GATES CO. DIV. 1 SS-6201K	WBS 51098 SR 1202 (GATES SCHOOL ROAD) AT SR 1216 (WATER PLANT ROAD). INITIAL SPOT SAFETY FUNDS ARE NEEDED FOR ALL WAY STOP INSTALLATION. FILE 01-23-70888	\$17,000.00
PITT CO. DIV. 2 SS-6002Z	WBS 49515.2.1 NC 903 AT SR 1125 (POCOSIN ROAD) AND SR 2106 (RED FORBES ROAD). \$7,757.66 IN SPOT SAFETY RIGHT OF WAY AND UTILITIES FUNDS HAS PREVIOUSLY BEEN APPROVED FOR INTERSECTION REALIGNMENT AND ALL WAY STOP INSTALLATION. ADDITIONAL FUNDS ARE NEEDED DUE TO INCREASED RIGHT OF WAY AND UTILITIES COSTS. FILE 02-20-61737-1	\$17,500.00
PITT CO. DIV. 2 SS-6202X	WBS 51099 SR 1111 (OLD SNOW HILL ROAD) AT SR 1113 (PLEASANT PLAINS ROAD). INITIAL SPOT SAFETY FUNDS ARE NEEDED FOR ALL WAY STOP INSTALLATION. FILE 02-23-71118	\$10,000.00

**SEPTEMBER 7, 2023**



**NCDOT SEPTEMBER 2023 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>
DIVISIONWIDE CO. DIV. 3 SS-6003AK	WBS 49656.3.1 DIVISION 3 - VARIOUS ROUTES IN ALL COUNTIES. \$261,538.08 IN SPOT SAFETY CONSTRUCTION FUNDS HAS PREVIOUSLY BEEN APPROVED TO INSTALL NECESSARY SAFETY SIGNS (STOP, SPEED LIMIT, ONE WAY, CHEVRON, ETC.). ADDITIONAL FUNDS ARE NEEDED DUE TO INCREASED CONSTRUCTION COSTS. FILE 03-21-001-2	\$100,000.00
DUPLIN CO. DIV. 3 SS-6203AM	WBS 51100 NC 41 AND SR 1800 (JACKSON STORE ROAD). INITIAL SPOT SAFETY FUNDS ARE NEEDED FOR ALL WAY STOP INSTALLATION. FILE 03-23-71354	\$61,000.00
WILMINGTON/ NEW HANOVER CO. DIV. 3 SS-6203AN	WBS 51101 US 117/NC 132 (COLLEGE ROAD) AND RANDALL PARKWAY. INITIAL SPOT SAFETY FUNDS ARE NEEDED FOR TRAFFIC SIGNAL UPGRADES. FILE 03-22-68937	\$23,000.00
WILSON/ WILSON CO. DIV. 4 SM-6104D	WBS 51094 NC 42 (WARD BOULEVARD) AT NC 58/SR 1377 (NASH STREET); SR 1377 (NASH STREET) AT FOREST HILLS ROAD; NC 42 (WARD BOULEVARD) AT SR 1165 (FOREST HILLS ROAD)/FOREST HILLS ROAD. INITIAL SPOT MOBILITY FUNDS ARE NEEDED FOR INTERSECTION IMPROVEMENTS AND TRAFFIC SIGNAL INSTALLATION AT SR 1377 AND FOREST HILLS ROAD. FILE 04-21-64910	\$750,000.00

**SEPTEMBER 7, 2023**

**NCDOT SEPTEMBER 2023 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>
JOHNSTON CO. DIV. 4 SS-6004AH	WBS 49532.3.1 US 701 AT SR 1179 (STEWART ROAD). \$74,216.36 IN SPOT SAFETY CONSTRUCTION FUNDS HAS PREVIOUSLY BEEN APPROVED FOR AN ALL WAY STOP INSTALLATION. ADDITIONAL FUNDS ARE NEEDED DUE TO INCREASED CONSTRUCTION COSTS. FILE 04-20-62430-2	\$281,000.00
DIVISIONWIDE CO. DIV. 4 SS-6004AX	WBS 49676.3.1 DIVISION 4 - VARIOUS ROUTES IN ALL COUNTIES. \$126,068.97 IN SPOT SAFETY CONSTRUCTION FUNDS HAS PREVIOUSLY BEEN APPROVED TO INSTALL NECESSARY SAFETY SIGNS (STOP, SPEED LIMIT, ONE WAY, CHEVRON, ETC.). ADDITIONAL FUNDS ARE NEEDED DUE TO INCREASED CONSTRUCTION COSTS. FILE 04-21-001-1	\$100,000.00
NASH CO. DIV. 4 SS-6204AD	WBS 51102 NC 581 AT SR 1109 (STONE HILL CHURCH ROAD). INITIAL SPOT SAFETY FUNDS ARE NEEDED FOR MINI ROUNDABOUT INSTALLATION WITH INTERIM ALL WAY STOP INSTALLATION. FILE 04-23-71186	\$170,000.00
JOHNSTON CO. DIV. 4 SS-6204AE	WBS 51103 NC 42 AT SR 2117 (CREECH CHURCH ROAD). INITIAL SPOT SAFETY FUNDS ARE NEEDED FOR STOP SIGNS AND STOP AHEAD SIGNS UPGRADES AND SIGHT DISTANCE IMPROVEMENTS. FILE 04-23-71187	\$12,000.00

**SEPTEMBER 7, 2023**

**NCDOT SEPTEMBER 2023 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>
WILSON/ WILSON CO. DIV. 4 SS-6204AF	WBS 51104 SR 1323 (TILGHMAN ROAD) BETWEEN THE TOISNOT MIDDLE SCHOOL DRIVEWAY AND SR 1446 (PHILLIPS ROAD). INITIAL SPOT SAFETY FUNDS ARE NEEDED FOR CURVE WARNING SIGNS AND PAVEMENT MARKINGS INSTALLATION. FILE 04-23-71165	\$7,000.00
DURHAM CO. DIV. 5 SM-5705AH	WBS 48904.1.1 NC 98 AT SR 1815 (MINERAL SPRINGS ROAD). \$90,000 IN SPOT MOBILITY PRELIMINARY ENGINEERING FUNDS HAS PREVIOUSLY BEEN APPROVED FOR RIGHT TURN LANE INSTALLATIONS. ADDITIONAL FUNDS ARE NEEDED DUE TO INCREASED PRELIMINARY ENGINEERING COSTS. FILE 05-19-57123-3	\$55,000.00
DURHAM CO. DIV. 5 SM-5705AH	WBS 48904.2.1 NC 98 AT SR 1815 (MINERAL SPRINGS ROAD). \$85,000 IN SPOT MOBILITY RIGHT OF WAY AND UTILITIES FUNDS HAS PREVIOUSLY BEEN APPROVED FOR RIGHT TURN LANE INSTALLATIONS. ADDITIONAL FUNDS ARE NEEDED DUE TO INCREASED RIGHT OF WAY AND UTILITIES COSTS. FILE 05-19-57123-4	\$60,000.00
DURHAM CO. DIV. 5 SM-5705AH	WBS 48904.3.1 NC 98 AT SR 1815 (MINERAL SPRINGS ROAD). \$560,000 IN SPOT MOBILITY CONSTRUCTION FUNDS HAS PREVIOUSLY BEEN APPROVED FOR RIGHT TURN LANE INSTALLATIONS. REDUCE FUNDS DUE TO DECREASED CONSTRUCTION COST ESTIMATE. FILE 05-19-57123-5	(\$115,000.00)

**SEPTEMBER 7, 2023**

**NCDOT SEPTEMBER 2023 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>
DURHAM/ DURHAM CO. DIV. 5 SM-6105J	WBS 51095 SR 1121 (CORNWALLIS ROAD) AT SR 1945 (ALSTON AVENUE). INITIAL SPOT MOBILITY FUNDS ARE NEEDED FOR LEFT TURN INSTALLATION. FILE 05-19-59424	\$585,000.00
RALEIGH /WAKE CO. DIV. 5 SS-6005Q	WBS 49407.3.1 SR 3100 (ACC BOULEVARD) AT COURTNEY ESTATES DRIVE/ALEXANDER PROMENADE PLACE. \$135,000 IN SPOT SAFETY CONSTRUCTION FUNDS HAS PREVIOUSLY BEEN APPROVED FOR TRAFFIC SIGNAL INSTALLATION. ADDITIONAL FUNDS ARE NEEDED DUE TO INCREASED CONSTRUCTION COSTS. FILE 05-20-62064-1	\$165,000.00
DIVISIONWIDE CO. DIV. 5 SS-6005Y	WBS 49688.3.1 DIVISION 5 - VARIOUS ROUTES IN ALL COUNTIES. \$100,000 IN SPOT SAFETY CONSTRUCTION FUNDS HAS PREVIOUSLY BEEN APPROVED TO INSTALL NECESSARY SAFETY SIGNS (STOP, SPEED LIMIT, ONE WAY, CHEVRON, ETC.). ADDITIONAL FUNDS ARE NEEDED DUE TO INCREASED CONSTRUCTION COSTS. FILE 05-21-001-1	\$100,000.00
CARY /WAKE CO. DIV. 5 SS-6205O	WBS 51105 SR 1618 (WALDO ROOD BOULEVARD) AT SR 3011 (JENKS CARPENTER ROAD). INITIAL SPOT SAFETY FUNDS ARE NEEDED FOR ALL WAY STOP INSTALLATION. FILE 05-23-71507	\$21,000.00

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**NCDOT SEPTEMBER 2023 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>
FRANKLIN CO. DIV. 5 SS-6205P	WBS 51106 SR 1001 (PEARCES ROAD) AT SR 1103 (PILOT-RILEY ROAD). INITIAL SPOT SAFETY FUNDS ARE NEEDED FOR ALL WAY STOP INSTALLATION. FILE 05-23-71512	\$21,000.00
FAYETTEVILLE/ CUMBERLAND CO. DIV. 6 SM-6106C	WBS 51096 SR 1404 (MORGANTON ROAD) AT NORTHVIEW DRIVE AND DUNDEE ROAD. INITIAL SPOT MOBILITY FUNDS ARE NEEDED FOR TRAFFIC SIGNAL INSTALLATION AT NORTHVIEW DRIVE AND INTERSECTION IMPROVEMENTS AT DUNDEE ROAD. FILE 06-18-53943	\$700,000.00
ROBESON CO. DIV. 6 SS-6206AD	WBS 51107 NC 71 AT THREE CULVERT LOCATIONS (MILEPOST 6.99 TO 7.26, MILEPOST 9.04 TO 9.14, AND MILEPOST 9.35 TO 9.45). INITIAL SPOT SAFETY FUNDS ARE NEEDED FOR GUARDRAIL INSTALLATION. FILE 06-23-71324	\$210,000.00
HARNETT CO. DIV. 6 SS-6206AE	WBS 51108 NC 210 BETWEEN LILLINGTON AND ANGIER (MILEPOST 16.786 TO 23.208) AND BETWEEN ANGIER AND WAKE COUNTY (MILEPOST 24.34 TO 26.753). INITIAL SPOT SAFETY FUNDS ARE NEEDED FOR RUMBLE STRIPES, LONG LIFE PAVEMENT MARKINGS, AND PAVEMENT MARKERS INSTALLATION. FILE 06-23-71087	\$370,000.00

**SEPTEMBER 7, 2023**

**NCDOT SEPTEMBER 2023 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>
ROBESON CO. DIV. 6 SS-6206AF	WBS 51109 NC 41 BETWEEN LUMBERTON AND THE BLADEN COUNTY LINE (MILEPOST 25.9 TO 34.2). INITIAL SPOT SAFETY FUNDS ARE NEEDED FOR RUMBLE STRIPES, RUMBLE STRIPS, LONG LIFE PAVEMENT MARKINGS, AND PAVEMENT MARKERS INSTALLATION. FILE 06-23-71198	\$390,000.00
ALAMANCE CO. DIV. 7 SS-6207R	WBS 51110 SR 2100 (EAST GILBREATH STREET/COOPER ROAD) AT SR 2111 (CHECKS LANE)/SR 2109 (COOPER ROAD) SOUTH OF GRAHAM. INITIAL SPOT SAFETY FUNDS ARE NEEDED FOR ALL WAY STOP INSTALLATION. FILE 07-23-1495	\$20,000.00
ALAMANCE CO. DIV. 7 SS-6207S	WBS 51111 NC 119 AT SR 2135 (JIM MINOR ROAD) EAST OF SWEPSONVILLE. INITIAL SPOT SAFETY FUNDS ARE NEEDED FOR TRAFFIC SIGNAL INSTALLATION. FILE 07-23-1349	\$110,000.00
CASWELL, ORANGE, ROCKINGHAM COS. DIV. 7 SS-6207T	WBS 51112 PORTIONS OF TWENTY-ONE (21) ROUTES. INITIAL SPOT SAFETY FUNDS ARE NEEDED FOR CURVE WARNING SIGNS INSTALLATION. FILE 07-23-1502	\$200,000.00

**NCDOT SEPTEMBER 2023 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 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. 8 SS-6008L	WBS 49711.3.1 DIVISION 8 - VARIOUS ROUTES IN ALL COUNTIES. \$100,000 IN SPOT SAFETY CONSTRUCTION FUNDS HAS PREVIOUSLY BEEN APPROVED TO INSTALL NECESSARY SAFETY SIGNS (STOP, SPEED LIMIT, ONE WAY, CHEVRON, ETC.). ADDITIONAL FUNDS ARE NEEDED DUE TO INCREASED CONSTRUCTION COSTS. FILE 08-21-001-1	\$100,000.00
MOORE CO. DIV. 8 SS-6208K	WBS 51113 NC 22 AT SR 1838 (MCCASKILL ROAD). INITIAL SPOT SAFETY FUNDS ARE NEEDED FOR ALL WAY STOP INSTALLATION. FILE 08-23-71514	\$62,000.00
HOKE, SCOTLAND COS. DIV. 8 SS-6208L	WBS 51114 US 401 BETWEEN RAEFORD CITY LIMIT AND LAURINBURG CITY LIMIT. INITIAL SPOT SAFETY FUNDS ARE NEEDED FOR RUMBLE STRIPS AND PAVEMENT MARKINGS INSTALLATION. FILE 08-23-71591	\$195,000.00
HOKE, SCOTLAND COS. DIV. 8 SS-6208M	WBS 51115 SR 1219 (ARMY ROAD) FROM SR 1214 TO NC 211; AND US 15-401 AT SR 1614 (BARNES BRIDGE ROAD). INITIAL SPOT SAFETY FUNDS ARE NEEDED FOR PAVEMENT MARKINGS INSTALLATION. FILE 08-23-71567	\$50,000.00

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**NCDOT SEPTEMBER 2023 BOARD OF TRANSPORTATION AGENDA  
 APPROVAL OF FUNDS FOR SPECIFIC SPOT SAFETY IMPROVEMENT PROJECTS  
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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>
DIVISIONWIDE CO. DIV. 9 SS-6009AD	WBS 49718.3.1 DIVISION 9 - VARIOUS ROUTES IN ALL COUNTIES. \$210,000 IN SPOT SAFETY CONSTRUCTION FUNDS HAS PREVIOUSLY BEEN APPROVED TO INSTALL NECESSARY SAFETY SIGNS (STOP, SPEED LIMIT, ONE WAY, CHEVRON, ETC.). ADDITIONAL FUNDS ARE NEEDED DUE TO INCREASED CONSTRUCTION COSTS. FILE 09-21-001-2	\$100,000.00
DAVIDSON CO. DIV. 9 SS-6209R	WBS 51116 NC 8 AT SR 2289 (HOLLOWAY CHURCH ROAD) SOUTH OF LEXINGTON. INITIAL SPOT SAFETY FUNDS ARE NEEDED FOR ALL WAY STOP INSTALLATION. FILE 09-23-1500	\$15,000.00
WINSTON- SALEM/ FORSYTH CO. DIV. 9 SS-6209S	WBS 51117 SR 1003 (HIGH POINT ROAD) AT SR 2698 (RIDGWOOD DRIVE). INITIAL SPOT SAFETY FUNDS ARE NEEDED FOR ALL WAY STOP INSTALLATION. FILE 09-23-1347	\$25,000.00
WINSTON- SALEM/ FORSYTH CO. DIV. 9 SS-6209T	WBS 51118 I-74 WESTBOUND TO I-40 WESTBOUND. INITIAL SPOT SAFETY FUNDS ARE NEEDED FOR CHEVRON SIGNING SYSTEM. FILE 09-23-1503	\$55,000.00

**SEPTEMBER 7, 2023**



**NCDOT SEPTEMBER 2023 BOARD OF TRANSPORTATION AGENDA  
 APPROVAL OF FUNDS FOR SPECIFIC SPOT SAFETY IMPROVEMENT PROJECTS  
 AND FOR SPECIFIC SPOT MOBILITY PROJECTS**

L-10

**ACCORDING TO EXECUTIVE ORDER NO. 2 AND G.S. 143B-350(G) THE BOARD IS  
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 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>
MECKLENBURG CO. DIV. 10 SS-62100	WBS 50674 SR 2442 (ASBURY CHAPEL ROAD) FROM SR 2448 (HUNTERSVILLE CONCORD ROAD) TO SR 2459 (EASTFIELD ROAD) NEAR HUNTERSVILLE. \$116,000 IN SPOT SAFETY FUNDS HAS PREVIOUSLY BEEN APPROVED FOR LIGHTED CHEVRON CURVE WARNING SYSTEMS. REVISE SCOPE TO INSTALL CHEVRONS AND SHOULDER STABILIZATION IN THREE CURVES, AND INSTALL LONG LIFE PAVEMENT MARKINGS AND SNOWPLOWABLE MARKERS ALONG ENTIRE ROUTE. ADDITIONAL FUNDS ARE NEEDED DUE TO SCOPE REVISION. FILE 10-22-211-1	\$40,000.00
CHARLOTTE/ MECKLENBURG CO. DIV. 10 SS-6210R	WBS 50776 US 21 (SUNSET ROAD) AND MILHAVEN LANE. \$73,000 IN SPOT SAFETY FUNDS HAS PREVIOUSLY BEEN APPROVED FOR PEDESTRIAN CROSSING AND SIGNAL INSTALLATION. ADDITIONAL FUNDS ARE NEEDED DUE TO INCREASED CONSTRUCTION COSTS. FILE 10-22-216-1	\$22,000.00
MECKLENBURG CO. DIV. 10 SS-6210S	WBS 51119 SR 2418 (SHEARER ROAD) AND SR 2420 (EAST ROCKY RIVER ROAD) NEAR DAVIDSON. INITIAL SPOT SAFETY FUNDS ARE NEEDED FOR ALL WAY STOP INSTALLATION. FILE 10-21-230	\$40,000.00

**NCDOT SEPTEMBER 2023 BOARD OF TRANSPORTATION AGENDA  
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L-11

**ACCORDING TO EXECUTIVE ORDER NO. 2 AND G.S. 143B-350(G) THE BOARD IS  
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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. 11 SS-6011P	WBS 49733.3.1 DIVISION 11 - VARIOUS ROUTES IN ALL COUNTIES. \$200,000 IN SPOT SAFETY CONSTRUCTION FUNDS HAS PREVIOUSLY BEEN APPROVED TO INSTALL NECESSARY SAFETY SIGNS (STOP, SPEED LIMIT, ONE WAY, CHEVRON, ETC.). ADDITIONAL FUNDS ARE NEEDED DUE TO INCREASED CONSTRUCTION COSTS. FILE 11-21-001-2	\$100,000.00
WATAUGA CO. DIV. 11 SS-6211N	WBS 51120 SR 1116 (WATAUGA RIVER ROAD) CURVE, 0.45 MILE NORTH OF NC 194. INITIAL SPOT SAFETY FUNDS ARE NEEDED FOR GUARDRAIL INSTALLATION. FILE 11-19-204	\$42,000.00
DIVISIONWIDE CO. DIV. 12 SS-6012S	WBS 49737.3.1 DIVISION 12 - VARIOUS ROUTES IN ALL COUNTIES. \$100,000 IN SPOT SAFETY CONSTRUCTION FUNDS HAS PREVIOUSLY BEEN APPROVED TO INSTALL NECESSARY SAFETY SIGNS (STOP, SPEED LIMIT, ONE WAY, CHEVRON, ETC.). ADDITIONAL FUNDS ARE NEEDED DUE TO INCREASED CONSTRUCTION COSTS. FILE 12-21-001-1	\$100,000.00
GASTONIA/ GASTON CO. DIV. 12 SS-6212I	WBS 51121 SR 1131 (LINWOOD ROAD) BETWEEN SR 1132 AND TRINITY AVENUE. INITIAL SPOT SAFETY FUNDS ARE NEEDED FOR RUMBLE STRIPS INSTALLATION. FILE 12-23-213	\$41,000.00

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**NCDOT SEPTEMBER 2023 BOARD OF TRANSPORTATION AGENDA  
APPROVAL OF FUNDS FOR SPECIFIC SPOT SAFETY IMPROVEMENT PROJECTS  
AND FOR SPECIFIC SPOT MOBILITY PROJECTS**

L-12

**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>
GASTON CO. DIV. 12 SS-6212J	WBS 51122 NC 275 BETWEEN MILEPOST 0.00 AND 3.082. INITIAL SPOT SAFETY FUNDS ARE NEEDED FOR RUMBLE STRIPS INSTALLATION. FILE 12-23-209	\$123,000.00
GASTON CO. DIV. 12 SS-6212K	WBS 51123 SR 2425 (PATRICK ROAD) BETWEEN NC 274 AND NC/ SC STATE LINE. INITIAL SPOT SAFETY FUNDS ARE NEEDED FOR RUMBLE STRIPS INSTALLATION. FILE 12-23-208	\$96,000.00
GASTON CO. DIV. 12 SS-6212L	WBS 51124 SR 2416 (ROBINSON ROAD) FROM 0.7 MILES EAST OF US 321 (YORK HIGHWAY) TO 50 FEET EAST OF US 321. INITIAL SPOT SAFETY FUNDS ARE NEEDED FOR RUMBLE STRIPS INSTALLATION. FILE 12-23-207	\$35,000.00
CATAWBA CO. DIV. 12 SS-6212M	WBS 51125 SR 1844 (SLANTING BRIDGE ROAD) BETWEEN LAKE DRIVE AND BRADLEY LONG DRIVE. INITIAL SPOT SAFETY FUNDS ARE NEEDED FOR RUMBLE STRIPS INSTALLATION. FILE 12-23-201	\$37,000.00
GASTONIA/ GASTON CO. DIV. 12 SS-6212N	WBS 51126 NC 7 AT BROAD STREET. INITIAL SPOT SAFETY FUNDS ARE NEEDED FOR TRAFFIC SIGNAL AND PEDESTRIAN SIGNAL UPGRADES. FILE 12-23-206	\$13,000.00

**SEPTEMBER 7, 2023**

**NCDOT SEPTEMBER 2023 BOARD OF TRANSPORTATION AGENDA  
 APPROVAL OF FUNDS FOR SPECIFIC SPOT SAFETY IMPROVEMENT PROJECTS  
 AND FOR SPECIFIC SPOT MOBILITY PROJECTS**

L-13

**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. 13 SS-6013U	WBS 49739.3.1 DIVISION 13 - VARIOUS ROUTES IN ALL COUNTIES. \$100,000 IN SPOT SAFETY CONSTRUCTION FUNDS HAS PREVIOUSLY BEEN APPROVED TO INSTALL NECESSARY SAFETY SIGNS (STOP, SPEED LIMIT, ONE WAY, CHEVRON, ETC.). ADDITIONAL FUNDS ARE NEEDED DUE TO INCREASED CONSTRUCTION COSTS. FILE 13-21-001-1	\$100,000.00
ASHEVILLE/ BUNCOMBE CO. DIV. 13 SS-6213V	WBS 51127 US 25 (HENDERSONVILLE ROAD) AT SR 3116 (MILLS GAP ROAD). INITIAL SPOT SAFETY FUNDS ARE NEEDED FOR CROSSWALK INSTALLATION AND CURB RAMP AND PEDESTRIAN SIGNAL PUSH BUTTON UPGRADES. FILE 13-23-211	\$56,000.00
DIVISIONWIDE CO. DIV. 14 SS-6014X	WBS 49740.3.1 DIVISION 14 - VARIOUS ROUTES IN ALL COUNTIES. \$100,000 IN SPOT SAFETY CONSTRUCTION FUNDS HAS PREVIOUSLY BEEN APPROVED TO INSTALL NECESSARY SAFETY SIGNS (STOP, SPEED LIMIT, ONE WAY, CHEVRON, ETC.). ADDITIONAL FUNDS ARE NEEDED DUE TO INCREASED CONSTRUCTION COSTS. FILE 14-21-001-1	\$100,000.00

**SEPTEMBER 7, 2023**

**NCDOT SEPTEMBER 2023 BOARD OF TRANSPORTATION AGENDA  
APPROVAL OF FUNDS FOR SPECIFIC SPOT SAFETY IMPROVEMENT PROJECTS  
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L-14

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

<b>TOWN / COUNTY DIVISION PROJ.</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
HENDERSON CO. DIV. 14 SS-6214T	WBS 51128 US 64 (CHIMNEY ROCK ROAD) AT SR 1602 (GILLIAM MOUNTAIN ROAD/ST. PAULS ROAD) NEAR EDNEYVILLE. INITIAL SPOT SAFETY FUNDS ARE NEEDED FOR VEHICLE ENTERING WHEN FLASHING SIGNS AND FLASHERS INSTALLATION. FILE 14-23-208	\$68,000.00
CLYDE/ HAYWOOD CO. DIV. 14 SS-6214U	WBS 51129 US 19-23 (CAROLINA BOULEVARD) AT MULBERRY STREET. INITIAL SPOT SAFETY FUNDS ARE NEEDED FOR A PEDESTRIAN HYBRID BEACON (HAWK) INSTALLATION. FILE 14-23-209	\$47,000.00
FAYETTEVILLE/ CUMBERLAND CO. DIV 6	WBS 49081 SR 1108 (LAKEWOOD DRIVE) AT TOWBRIDGE ROAD (ENTRANCE TO GATES FOUR) AND LONGFIELD ROAD. INITIAL SPOT MOBILITY FUNDS ARE NEEDED FOR TURN LANES AND TRAFIC SIGNAL INSTALLATION. THESE FUNDS ARE COMPANION FUNDS TO CONTINGENCY WBS 49081. FILE 06-18-53941	\$482,000.00
<b>ITEM L SUMMARY</b>	<b>54 PROJECTS</b>	<b>\$6,684,500.00</b>

**SEPTEMBER 7, 2023**

## NCDOT September 6 - 7, 2023 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 1</b> Currituck	52799	1.00	<b>Cahoon Farms</b> Extend SR 1389, Oxford Road	7/20/23
<b>Division 3</b> New Hanover	52800	0.28 0.10	<b>Stoneybrook</b> Extend SR 1878, Stoneybrook Road Bedrock Court	3/23/23
Pender	52801	0.28 0.51 0.05 0.13 0.10 0.04	<b>The Knolls at Turkey Creek</b> Extend SR 1489, Toms Creek Road Bronze Drive Poults Place Slate Lane Strut Way Beltsville Court	6/26/23
<b>Division 4</b> Johnston	52802	0.17	<b>Pleasant View</b> Pleasant View Lane	6/1/23
Wayne	52803	0.27 0.03 0.03 0.10 0.07	<b>Dobbs County Estates</b> Extend SR 2220, Grace's Farm Road Stewart Allen Circle Mary Danielle's Place Emmitt And Angie's Drive Michael Thomas Place	6/21/23
<b>Division 5</b> Franklin	52804	0.54 0.14 0.13 0.14	<b>Woodlief</b> Hickory Run Lane Glendavis Hollow Drive Burning Bluff Drive Saintsing Trail	6/30/23
Granville	52805	0.13 0.41 0.12 0.07	<b>Silverleaf</b> Springfield Trail Dovefield Lane Whisperwood Court Morning Song Court	5/15/23
Wake	52806	0.09 0.38 0.31	<b>Barton's Grove</b> Bartons Grove Place Margarets Lane Bartons Bend Way	7/13/23

## NCDOT September 6 - 7, 2023 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 5 Continued)</b>				
Wake	52807	0.40	<b>Falls Reserve</b> Summer Tanager Trail	7/13/23
Warren	52808	0.26 0.09 0.28 0.13	<b>Mill Creek Landing</b> Extend SR 1431, Mill Creek Drive Shortys Point Larkin Mill Circle Sharon Lane	5/5/23
<b>Division 7</b>				
Guilford	52809	0.36 0.26 0.20	<b>Brightwood Farm</b> Cannonade Drive Keeneland Drive Summerside Drive	6/16/23
Guilford	52810	0.33 0.09	<b>Joseph's Creek</b> Joseph Creek Lane Cardinal Flight Way	7/14/23
<b>Division 10</b>				
Union	52811	0.84 0.06 0.11 0.14 0.14 0.14	<b>Vintage Creek</b> Vintage Creek Drive Camellia Hills Court Stillwell Drive Pecan Ridge Court Lacebark Elm Court Mulholland Drive	2/6/23
<b>Division 12</b>				
Iredell	52812	0.06	<b>Lake Norman Airpark</b> Doolittle Lane	6/8/23

## NCDOT September 6 - 7, 2023 Board of Transportation Agenda

### Abandonments from the State Highway System:

County	Petition Number	Length Abandoned (Miles)	Description and/or Subdivision	Date of Report
<b>Division 5</b>				
Granville	52813	0.16	Portion of SR 1214, Roycroft Road Retain 0.21 miles	3/15/23
Wake	52814	0.11	Portion of SR 3566, Otters Run Court Retain 0.00 miles when coupled with associated September 2023 Item P abandonment	7/19/23
<b>Division 7</b>				
Guilford	52815	0.13	Portion of SR 2720, Trotwood Road Retain 0.46 miles	5/12/23
Guilford	52816	0.06	Portion of SR 2812, Agate Road Retain 0.24 miles	5/30/23
<b>Division 9</b>				
Davidson	52817	0.44	Portion of SR 1254, Brown Street Retain 1.38 miles	8/4/23

**Number of roads petitioned for addition – 43**

**Number of roads petitioned for abandonment - 5**

### Corrections to the State Highway System:

County	Requested Action
<b>Catawba</b>	August 2, 2023, correction for Thompson Street (SR 1169) incorrectly listed the retroactive date as March 8, 1952. The correct retroactive date is March 28, 1952.
<b>Cleveland</b>	Petition 52794 incorrectly added Gage Road (SR 3213) for 0.47 miles. The correct distance should have been 0.38 miles. This correction is retroactive to August 2, 2023.
<b>Cleveland</b>	Petition 52798 incorrectly retained Gage Road (SR 2313) for 0.87 miles. The correct distance should have been 0.88 miles. This correction is retroactive to August 2, 2023.
<b>Person</b>	Petition 9715 incorrectly retained 0.15 miles of SR 1392 (Old NC 57) west of SR 1311. The correct distance to be retained is 0.17 miles. This correction is retroactive to December 3, 1965.
<b>Wake</b>	Petition 52786 incorrectly listed extension of North Bend Drive as SR 2627. The correct extension is SR 2675. This correction is retroactive to August 2, 2023.



## NCDOT September Board of Transportation

### Agenda Public Transportation Program

Division	Project Number	5339(b) Discretionary Award (FFY 2019)	Estimated Project Cost
4	20-FC-921	COMMUNITY AND SENIOR SERVICES OF JOHNSTON COUNTY Facility replacement with FTA 2019 5339(b) Discretionary Grant Award Application Number: 1000009859	
			\$381,601 Total
			\$305,281 Federal
			\$0 State
			\$76,320 Local

Division	Project Number	5304 – Microtransit Feasibility Studies Program	Estimated Project Cost
10	n/a	Cabarrus County Prepare a microtransit feasibility study	
			\$100,000 Total
			\$80,000 Federal
			\$20,000 State
			\$0 Local

Division	Project Number	RTAP - Training	Estimated Project Cost
Statewide	n/a	The Integrated Mobility Division will contract with NCSU (ITRE) to provide Training/Professional Development related to the delivery of Leadership Development and ADA training to transit professionals.	
			\$95,635 Total
			\$95,635 Federal
			\$0 State
			\$0 Local

**Item I-I: Total Projects 3: Total Federal and State Funds \$500,916**

<u>No of Projects</u>	<u>Program ID</u>	<u>Federal Amount</u>	<u>State Amount</u>	<u>Local Amount</u>	<u>Total Amount</u>
1	P2019_5339(B)	\$305,281	\$0	\$76,320	\$381,601
1	5304 – Microtransit Feasibility Studies	\$80,000	\$20,000	\$0	\$100,000
1	RTAP - Training	\$95,635	\$0	\$0	\$95,635
<b>3</b>	<b>TOTAL</b>	<b>\$480,916</b>	<b>\$20,000</b>	<b>\$76,320</b>	<b>\$577,236</b>

**NCDOT September 2023 Board of Transportation Agenda**

**Rail Program**

<b>Town/County Division</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Division 6 Columbus County 80000.1.4.148	The Rail Division requests Board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for the RJ Corman Railroad Co. (RJCS) corridor. The project will improve six (6) bridges on the RJCS rail corridor. RJCS will be responsible for the construction of the project. The total estimated cost to the Department is \$189,503. FRRCSI ID: F23116	\$189,503

**ITEM I - 2 SUMMARY – 1 PROJECT - (TOTAL STATE) \$189,503**

**NCDOT September 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 7, 2023 Board of Transportation meeting.

**ITEM I - 3 SUMMARY – NO PROJECTS**

**NCDOT September 2023 Board of Transportation Agenda  
Aviation Program**

**NCDOT September 2023 Board of Transportation Agenda**

<b>Division Airport County</b>	<b>Project Description</b>	<b>Estimate</b>
Division 01 Dare County Regional Airport Dare County	<p><b>New Airfield Lighting Installation (CON/CA/RPR) WBS TBD</b></p> <p>This project will remove and replace existing lighting for runway 5-23 and the associated parallel taxiway that has reached its useful life. Other items included are the Precision Approach Path Indicator replacement, a new back up airfield generator and new edge lighting for apron pavement. This includes professional services for construction management and inspection.(PR# 4723)</p>	\$2,400,000 Total \$2,160,000 State \$240,000 Local
Division 01 Hyde County Airport Hyde County	<p><b>18B Imagery and Surveying Services WBS TBD</b></p> <p>This project will provide a federally required survey to for FAAA approval of the runway extension project. The Safety Enhancement Program will provide state funds for the match. (PR# 4150)</p>	\$62,000 Total \$62,000 State \$0 Local
Division 11 Elkin Municipal Airport Surry County	<p><b>Land Acquisition for Pavement Expansion (Amendment) WBS 36237.54.16.2</b></p> <p>This project will acquire land necessary for apron and taxiway expansion as identified in the design. This state funding provides the match to federal funds through the safety enhancement program. (PR# 4145)</p>	\$33,332 Total \$33,332 State \$0 Local

**September 7, 2023**

**NCDOT September 2023 Board of Transportation Agenda**

**Aviation Program**

**ITEM I-4 SUMMARY – 3 REQUESTS – Total Cost: \$ 2,495,332**  
**Total State Aid Cost \$ 2,255,332**  
**Total Local Investment \$ 240,000**

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

**September 7, 2023**

**NCDOT SEPTEMBER 2023 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>
MARTIN DIV. 1 AV-5788 DIVISION	WBS 46474.3.1 MARTIN COUNTY AIRPORT (MCZ); CONSTRUCTION OF NEW T-HANGAR TAXILANES. \$950,000.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE REQUESTED.	\$300,000.00
NEW HANOVER DIV. 3 AV-5704 STATEWIDE	WBS 46317.3.1 WILMINGTON INTERNATIONAL AIRPORT (ILM). UPGRADE AIRFIELD LIGHTING VAULT. \$500,000.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. FUNDS NEED TO BE DECREASED (\$499,759.47). WBS WILL BE CLOSED.	(\$499,759.47)
ONslow DIV. 3 TD-4904 DIVISION	WBS 47405.3.1 JACKSONVILLE TRANSIT ONslow COUNTY FACILITY. \$1,050,000.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE REQUESTED.	\$160,000.00
ONslow DIV. 3 U-3810 DIVISION	WBS 35801.2.2 SR 1406 (PINEY GREEN ROAD) FROM US 17 TO NC 24. INITIAL FUNDS ARE REQUESTED FOR FULL RIGHT OF WAY AND UTILITIES.	\$200,000.00
ONslow DIV. 3 U-5508 STATEWIDE	WBS 50015.1.2 NC 24 (LEJEUNE BLVD) AT NC 53 (WESTERN BLVD). \$722,395.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$100,000.00
ONslow DIV. 3 U-5716 STATEWIDE	WBS 50116.2.1 NC 24 AT US 258 (RICHLANDS HIGHWAY) INTERSECTION. \$18,572,531.00 HAS PREVIOUSLY BEEN APPROVED FOR FULL RIGHT OF WAY AND UTILITIES. ADDITIONAL FUNDS ARE REQUESTED FOR ADVANCED ACQUISITION OF SPECIFIC PARCELS 007 AND 008 (PROPERTY OF SUE ANN GORDON IRREVOCABLE TRUST, ET AL).	\$6,830,760.00

**NCDOT SEPTEMBER 2023 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>
ONslow DIV. 3 U-5787 DIVISION	WBS 44359.1.1 SR 2715 (TRADE STREET) FROM NC 53 (WESTERN BOULEVARD) TO MCDANIEL DRIVE. \$1,245,900.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$100,000.00
BRUNSWICK DIV. 3 U-5914 DIVISION	WBS 44647.1.1 NC 133 FROM US 17/74/76 TO SR 1554 (OLD RIVER ROAD). \$971,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$25,000.00
BRUNSWICK DIV. 3 U-5932 STATEWIDE	WBS 45942.2.1 US 17 AT NC 211. \$25,000.00 HAS PREVIOUSLY BEEN APPROVED FOR ADVANCED ACQUISITION / RELOCATION STUDIES OF A SPECIFIC PARCEL. ADDITIONAL FUNDS ARE REQUESTED FOR ADVANCED ACQUISITION OF SPECIFIC PARCEL 900 (PROPERTY OF ALBERT H. PARKER, JR.).	\$2,796,425.00
NEW HANOVER DIV. 3 U-6202 DIVISION	WBS 48662.2.2 SR 2048 (GORDON ROAD) FROM US 17 (MARKET STREET) TO I-40. INITIAL FUNDS ARE REQUESTED FOR UTILITIES. THIS IS A <b>CASH FLOW</b> PROJECT WITH \$2,625,000.00 IN SFY 24 AND \$2,626,000.00 IN SFY 25.	\$5,251,000.00
JOHNSTON DIV. 4 B-6044 STATEWIDE	WBS 48330.1.2 REPLACE BRIDGES #82 AND #85 OVER BLACK CREEK AND BRIDGES #100 AND #101 OVER THE NEUSE RIVER ON I-95. INITIAL FUNDS ARE REQUESTED FOR PRELIMINARY ENGINEERING.	\$600,000.00



**NCDOT SEPTEMBER 2023 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>
JOHNSTON DIV. 4 B-6050 DIVISION	WBS 48446.1.1 REPLACE BRIDGE #109, SR 2137 (PITTMAN ROAD) OVER I-95, BRIDGE #110, SR 2130 (EAST MAIN STREET) OVER I-95 AND BRIDGE #112, SR 2336 (BAGLEY ROAD) OVER I-95. \$1,400,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$700,000.00
ROCKY MOUNT /NASH DIV. 4 U-5026 DIVISION	WBS 44033.2.3 I-95 AT SR 1770 (SUNSET AVENUE). \$12,058,000.00 HAS PREVIOUSLY BEEN APPROVED FOR FULL RIGHT OF WAY AND UTILITIES. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$1,778,700.00
WILSON DIV. 4 U-5945 REGIONAL /DIVISION	WBS 45863.1.1 WILSON CITY SIGNAL SYSTEM. \$10,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED USING DIVISION TIER FUNDING.	\$1,100,000.00
JOHNSTON DIV. 4 U-6203 DIVISION	WBS 48663.1.1 NC 210 FROM NC 50 TO SR 1330 (RALEIGH ROAD). \$1,680,500.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$800,000.00
DURHAM DIV. 5 B-5674 REGIONAL	WBS 45629.1.2 REPLACE BRIDGE 80 OVER SR 1308 IN DURHAM ON US 15-501 NORTHBOUND. \$60,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$250,000.00
WAKE DIV. 5 B-5684 REGIONAL	WBS 45639.1.2 REPLACE BRIDGE #146 OVER CRABTREE CREEK IN RALEIGH ON US 401. \$523,400.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$200,000.00

**NCDOT SEPTEMBER 2023 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>
WAKE DIV. 5 B-5986 REGIONAL	WBS 47818.1.1 REPLACE BRIDGE #34 OVER NORFOLK SOUTHERN RAILROAD ON NC 231 IN WENDELL. \$555,470.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$275,000.00
VANCE DIV. 5 P-5602EO STATEWIDE	WBS 46393.1.44 BECKFORD STREET GRADE SEPARATION STUDY (HENDERSON). \$150,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$100,000.00
WAKE DIV. 5 P-5602ES STATEWIDE	WBS 46393.1.48 JP TAYLOR ROAD GRADE SEPARATION STUDY (HENDERSON). \$120,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$100,000.00
WAKE DIV. 5 P-5602ET STATEWIDE	WBS 46393.1.49 AUBURN KNIGHTDALE ROAD FEASIBILITY STUDY. INITIAL FUNDS ARE REQUESTED FOR PRELIMINARY ENGINEERING.	\$200,000.00
DURHAM DIV. 5 P-5717 REGIONAL	WBS 46929.1.1 NORFOLK SOUTHERN H LINE CROSSING 734 742W AT SR 1121 (CORNWALLIS ROAD) IN DURHAM. CONSTRUCT GRADE SEPARATION. \$3,179,663.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$350,000.00
WAKE DIV. 5 P-5720 REGIONAL	WBS 46932.1.1 CSX CROSSING 630 601X AT SR 2006 (DURANT ROAD) OVER CSX S LINE RAILROAD IN RALEIGH. \$2,517,941.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$300,000.00

**NCDOT SEPTEMBER 2023 BOARD OF TRANSPORTATION AGENDA  
APPROVAL OF STRATEGIC TRANSPORTATION INVESTMENT FUNDS**

K-5

<b>TOWN / COUNTY DIVISION PROJ. CATEGORY</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
VANCE, WAKE, WARREN, FRANKLIN DIV. 5 P-5753 STATEWIDE	WBS 48852.2.1 CSX S-LINE FROM RALEIGH TO VIRGINIA STATE LINE AND CSX SA-LINE FROM RALEIGH TO WELDON. INITIAL FUNDS ARE REQUESTED FOR ADVANCED ACQUISITION OF SPECIFIC PARCEL 900 (PROPERTY OF ITAC 356, LLC). THIS IS AN ADVANCE RIGHT- OF- WAY ACQUISITION AS DEFINED IN G.S. 136-186. THE TOTAL ESTIMATED ACQUISITION COST IS \$7,507,495.00 IN SFY 2024; THE FUNDS ADVANCED WILL BE REPAID IN THE FIRST YEAR THE PROJECT IS PROGRAMMED FOR RIGHT-OF-WAY IN THE STIP.	\$7,507,495.00
WAKE DIV. 5 R-2829 STATEWIDE	WBS 35517.2.1 EASTERN WAKE FREEWAY FROM I-40 SOUTH OF GARNER TO US 64-264 KNIGHTDALE BYPASS. \$2,507,291.00 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.	\$305,600.00
GRANVILLE DIV. 5 U-6020 DIVISION	WBS 47165.2.1 NC 56 (EAST C STREET) AT SR 1215 (WEST LYON STATION ROAD) IN BUTNER. \$900,000.00 HAS PREVIOUSLY BEEN APPROVED FOR FULL RIGHT OF WAY. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$202,200.00
ROBESON DIV. 6 I-5987B REGIONAL	WBS 47533.2.5 I-95 FROM SOUTH OF NC 20 TO SOUTH OF PROPOSED I-295. \$643,000.00 HAS PREVIOUSLY BEEN APPROVED FOR UTILITIES. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$323,500.00

**NCDOT SEPTEMBER 2023 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>
CUMBERLAND DIV. 6 U-2519BA REGIONAL	WBS 34817.2.23 FAYETTEVILLE-OUTER LOOP FROM SOUTH OF SR 1003 (CAMDEN ROAD) TO SOUTH OF SR 1104 (STRICKLAND BRIDGE ROAD). \$754,908.00 HAS PREVIOUSLY BEEN APPROVED FOR APPRAISAL OF SPECIFIC PARCELS. FUNDS NEED TO BE DECREASED (\$106,533.71). WBS WILL BE CLOSED.	(\$106,533.71)
CUMBERLAND DIV. 6 U-3422 DIVISION	WBS 39001.1.2 SR 1003 (CAMDEN ROAD) FROM FAYETTEVILLE OUTER LOOP TO NC 59 (HOPE MILLS ROAD). \$625,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$850,000.00
GREENSBORO / GUILFORD DIV. 7 U-2412A DIVISION	WBS 34802.3.3 SR 1486 (GREENSBORO ROAD) / SR 1421 (HIGH POINT ROAD) FROM US 311 BYPASS TO SR 4228 (VICKREY CHAPEL ROAD). \$86,011,481.00 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.	\$10,150,000.00
GUILFORD DIV. 7 U-2525C STATEWIDE	WBS 34821.1.5 GREENSBORO EASTERN LOOP FROM US 29 NORTH OF GREENSBORO TO SR 2303 (LAWNDALE DRIVE). \$7,137,428.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET. THIS IS A <b>BUILD NC BOND</b> PROJECT. <b>THIS PROJECT HAS PREVIOUSLY BEEN IDENTIFIED AS A TRUST FUND URBAN LOOP PROJECT.</b>	\$269,200.00

**NCDOT SEPTEMBER 2023 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>
ALAMANCE DIV. 7 U-6017 DIVISION	WBS 47162.3.1 NC 54 (EAST HARDEN STREET) AT NC 49 (EAST ELM STREET) IN GRAHAM. INITIAL FUNDS ARE REQUESTED FOR CONSTRUCTION. THIS IS A <b>CASH FLOW</b> PROJECT WITH \$2,475,000.00 IN SFY 24 AND \$2,025,000.00 IN SFY 25.	\$4,500,000.00
CHATHAM DIV. 8 HE-0011 DIVISION	WBS 50623.3.1 VARIOUS, WOLFSPEED - ROADWAY IMPROVEMENTS ALONG US 64 JUST WEST OF SILER CITY AND CONSTRUCTION OF INDUSTRIAL ACCESS ROAD. INITIAL FUNDS ARE REQUESTED FOR CONSTRUCTION BASED ON THE 12-MONTH TENTATIVE LETTING LIST PUBLISHED AUGUST 17, 2023. THIS IS A <b>CASH FLOW</b> PROJECT WITH \$2,583,000.00 IN SFY 24 AND \$3,717,000.00 IN SFY 25.	\$6,300,000.00
LEE DIV. 8 U-5722 REG/DIV	WBS 50161.1.1 US 421 BUSINESS/NC 87 FROM US 1/US 15/US 501 TO FORMER ATLANTIC COAST LINE RAILROAD CROSSING EAST OF WASHINGTON AVENUE IN SANFORD. \$1,700,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$275,000.00
ROWAN DIV. 9 HE-0009 DIVISION	WBS 50393.4.1 NC 152 AT INTERSECTION WITH PROPOSED ACCESS ROAD EAST OF I-85/US 601 IN CHINA GROVE. INITIAL FUNDS ARE REQUESTED FOR PROJECT MITIGATION.	\$888,997.00
FORSYTH DIV. 9 M-0488B STATEWIDE	WBS 46404.1.2 WINSTON-SALEM NORTHERN BELTWAY- MAPACT LAWSUIT \$8,408,734.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$693,500.00

**NCDOT SEPTEMBER 2023 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>
FORSYTH DIV. 9 R-2247EB STATEWIDE	WBS 34409.2.28 WINSTON-SALEM NORTHERN BELTWAY (WESTERN SECTION) INTERCHANGE AT US 52. \$14,026,155.00 HAS PREVIOUSLY BEEN APPROVED FOR MAP ACT APPRAISAL AND FUTURE ACQUISITION OF SPECIFIC PARCELS. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$545,100.00
FORSYTH DIV. 9 U-2729 DIVISION	WBS 34853.1.2 SR 1672 (HANES MILL ROAD) FROM MUSEUM DRIVE TO SR 4000 (UNIVERSITY PARKWAY) IN WINSTON-SALEM. \$1,860,181.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL STRATEGIC TRANSPORTATION INVESTMENTS FUNDS ARE REQUESTED. THIS IS A <b>BUILD NC BOND</b> PROJECT.	\$50,000.00
DAVIE DIV. 9 U-6002 DIVISION	WBS 47137.2.1 SR 1525 (WILKESBORO STREET) AT YADKINVILLE ROAD IN MOCKSVILLE. \$946,800.00 HAS PREVIOUSLY BEEN APPROVED FOR FULL RIGHT OF WAY AND UTILITIES. ADDITIONAL FUNDS ARE REQUESTED.	\$175,000.00
FORSYTH DIV. 9 U-6003 DIVISION	WBS 47138.1.1 NEW ROUTE FROM SR 1969 (PINEY GROVE ROAD) TO NC 150 (NORTH MAIN STREET) IN KERNERSVILLE. \$1,247,244.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$110,000.00
MECKLENBURG DIV. 10 AV-5879 STATEWIDE	WBS 48137.1.1 CHARLOTTE DOUGLAS INTERNATIONAL AIRPORT. CONSTRUCT FOURTH PARALLEL RUNWAY. \$500,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$500,000.00

**NCDOT SEPTEMBER 2023 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>
UNION DIV. 10 B-5949 REGIONAL	WBS 45984.1.1 REPLACE BRIDGE 53 OVER STEWARTS CREEK ON NC 200. \$270,140.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$550,000.00
MECKLENBURG DIV. 10 HL-0025 <b>BONUSALLOC</b>	WBS 49491.1.1 GREYLOCK RIDGE ROAD FROM EAST JOHN STREET TO TANK TOWN ROAD. \$716,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$300,000.00
MECKLENBURG DIV. 10 HL-0025 <b>BONUSALLOC</b>	WBS 49491.2.1 GREYLOCK RIDGE ROAD FROM EAST JOHN STREET TO TANK TOWN ROAD. \$414,000.00 HAS PREVIOUSLY BEEN APPROVED FOR FULL RIGHT OF WAY. ADDITIONAL FUNDS ARE REQUESTED.	\$287,000.00
MECKLENBURG DIV. 10 P-5705A STATEWIDE	WBS 44475.3.1 CHARLOTTE GATEWAY STATION - WYE CONNECTION TRACK AT CHARLOTTE JUNCTION. \$13,000,000.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. FUNDS NEED TO BE DECREASED BY \$4,844,269.00 TO REFLECT THE LOW BID RECEIVED.	(\$4,844,269.00)
UNION DIV. 10 P-5744 STATEWIDE	WBS 48159.1.1 CSX SF LINE AT SR 1377 (WESLEY CHAPEL STOUTS ROAD). \$1,300,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$550,000.00
MECKLENBURG DIV. 10 R-2555B DIVISION	WBS 34462.1.D4 SR 5544 FROM NC 73 (SAM FURR RD) TO SR 2151 (JETTON RD). \$2,228,508.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$200,000.00

**NCDOT SEPTEMBER 2023 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>
CONCORD / CABARRUS DIV. 10 U-4910A DIVISION	WBS 40373.2.D1 SR 1445 (DERITA ROAD) FROM SR 2894 CONCORD MILLS BOULEVARD) TO AVIATION BOULEVARD. \$2,973,042.00 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.	\$230,600.00
MECKLENBURG DIV. 10 U-5765 REGIONAL	WBS 50178.1.1 NC 73 (SAM FURR ROAD) FROM SR 5544 (WEST CATAWBA AVENUE) TO SR 2316 (NORTHCROSS DRIVE). \$2,260,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$600,000.00
MECKLENBURG DIV. 10 U-5873 <b>BONUSALLOC/</b> REGIONAL	WBS 46425.2.1 INTERSECTION OF NC 115 AND POTTS STREET. \$2,700,000.00 HAS PREVIOUSLY BEEN APPROVED FOR FULL RIGHT OF WAY AND UTILITIES. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET USING REGIONAL TIER FUNDING.	\$224,300.00
YADKIN DIV. 11 B-5833 REGIONAL	WBS 45786.1.2 REPLACE BRIDGE #29 OVER I-77 ON US 21 BUSINESS. \$640,911.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$25,000.00
AVERY DIV. 11 B-5835 DIVISION	WBS 45788.1.2 REPLACE BRIDGE #125 OVER THE ELK RIVER ON SR 1306 (HICKS HOLLOW ROAD). \$120,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$50,000.00



**NCDOT SEPTEMBER 2023 BOARD OF TRANSPORTATION AGENDA  
APPROVAL OF STRATEGIC TRANSPORTATION INVESTMENT FUNDS**

<b>TOWN / COUNTY DIVISION PROJ. CATEGORY</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
YADKIN DIV. 11 R-5730 DIVISION	WBS 50222.3.1 SR 1605 (OLD US 421) FROM SR 1146 (SHACKTOWN ROAD) TO SR 1711 (SPEER BRIDGE ROAD). \$2,980,000.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE REQUESTED.	\$200,000.00
ASHE DIV. 11 R-5832 DIVISION	WBS 47104.1.1 NC 88 FROM NC 88 TO NC 194. \$2,538,164.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$650,000.00
SURRY DIV. 11 R-5910 DIVISION	WBS 48465.1.1 US 21 BUSINESS (NORTH BRIDGE STREET) AT NC 268 (CC CAMP ROAD) INTERSECTION. \$620,086.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$25,000.00
YADKIN DIV. 11 U-5809 DIVISION	WBS 44382.1.1 US 601 (STATE STREET) FROM US 421 TO SR 1146 (LEE AVENUE). \$1,845,206.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$25,000.00
CALDWELL DIV. 11 U-6036 DIVISION	WBS 46971.1.1 SR 1109 (PINWOOD ROAD) FROM US 321 TO SR 1931 (BERT HUFFMAN ROAD). \$1,011,400.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$25,000.00
CALDWELL DIV. 11 U-6161 DIVISION	WBS 48472.1.1 US 321 AT SR 1002 (DUDLEY SHOALS ROAD). \$179,742.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$100,000.00

**NCDOT SEPTEMBER 2023 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>
CATAWBA DIV. 12 B-5847 DIVISION	WBS 45800.1.2 REPLACE BRIDGE #173 OVER I-40 ON SR 1709 (ROCK BARN ROAD). \$875,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$75,000.00
ALEXANDER DIV. 12 B-5954 REGIONAL	WBS 45987.1.1 REPLACE BRIDGE #1 OVER MIDDLE LITTLE RIVER ON NC 127. \$143,885.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$450,000.00
CLEVELAND DIV. 12 R-2707E REGIONAL	WBS 34497.2.15 US 74 (SHELBY BYPASS) FROM US 74 WEST OF SR 2238 (LONG BRANCH ROAD) TO WEST OF SR 1001 (STONE POINT ROAD). \$34,685,320.00 HAS PREVIOUSLY BEEN APPROVED FOR ADVANCED ACQUISITION OF PROPERTIES THAT ARE TOTAL TAKES. ADDITIONAL STRATEGIC TRANSPORTATION INVESTMENTS FUNDS ARE REQUESTED. THIS IS A <b>BUILD NC BOND</b> PROJECT.	\$250,000.00
IREDELL DIV. 12 R-3833C DIVISION	WBS 34554.1.3 SR 1100 (BRAWLEY SCHOOL RD) FROM I-77 TO US 21 \$4,272,344.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$60,000.00
CLEVELAND DIV. 12 U-5775 REGIONAL	WBS 50186.2.1 US 74 BUSINESS (MARION STREET) AT INTERSECTION OF US 74 BUSINESS (MARION STREET) AND NC 150 (CHERRYVILLE ROAD). \$2,988,596.00 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.	\$101,500.00

**NCDOT SEPTEMBER 2023 BOARD OF TRANSPORTATION AGENDA  
APPROVAL OF STRATEGIC TRANSPORTATION INVESTMENT FUNDS**

<b>TOWN / COUNTY DIVISION PROJ. CATEGORY</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
BUNCOMBE DIV. 13 I-2513A REGIONAL	WBS 34165.1.6 I-26 FROM I-40 TO SR 3548 (HAYWOOD ROAD). \$6,230,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$6,000,000.00
RUTHERFORD DIV. 13 R-2233BA DIVISION	WBS 34400.1.4 US 221 NORTH OF US 74 BYPASS TO JUST NORTH OF US 74 BUSINESS. \$5,849,831.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED FOR ADVANCED ACQUISITION / RELOCATION STUDIES OF SPECIFIC PARCEL 900 (PROPERTY OF C AND H LAND COMPANY). <b>THIS PROJECT HAS PREVIOUSLY BEEN IDENTIFIED AS A TRUST FUND INTRASTATE SYSTEM PROJECT.</b>	\$25,000.00
BUNCOMBE DIV. 13 U-5834 DIVISION	WBS 50226.1.1 SR 3116 (MILLS GAP ROAD) FROM US 25 (HENDERSONVILLE ROAD) TO SR 3157 (WESTON ROAD). \$2,030,580.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$500,000.00
TRANSYLVANIA DIV. 14 R-5605 DIVISION	WBS 43587.3.1 DAVIDSON RIVER VILLAGE CONNECTOR FROM US 64 / US 276 TO US 64 IN PISGAH FOREST. \$18,753,391.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL STRATEGIC TRANSPORTATION INVESTMENTS FUNDS ARE REQUESTED. THIS IS A <b>BUILD NC BOND</b> PROJECT.	\$190,000.00
MACON DIV. 14 R-5734A DIVISION	WBS 50192.3.1 US 23/US 441 FROM US 64 TO SR 1652 (WIDE HORIZON DRIVE)/SR 1152(BELDEN CIRCLE). \$17,492,605.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL STRATEGIC TRANSPORTATION INVESTMENTS FUNDS ARE REQUESTED. THIS IS A <b>BUILD NC BOND</b> PROJECT.	\$500,000.00

**SEPTEMBER 7, 2023**

**NCDOT SEPTEMBER 2023 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 DIV. 14 R-5742 DIVISION	WBS 46325.3.1 NC 175 FROM GEORGIA STATE LINE TO US 64. \$25,947,977.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL STRATEGIC TRANSPORTATION INVESTMENTS FUNDS ARE REQUESTED. THIS IS A <b>BUILD NC BOND</b> PROJECT.	\$100,000.00
TRANSYLVANIA DIV. 14 R-5799 REGIONAL	WBS 44984.1.1 INTERSECTION OF US 64 WITH US 276 AND NC 280. \$2,795,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$50,000.00
STATEWIDE M-0360 SW/REG/DIV	WBS 36824.1.2 TECHNICAL SERVICES, STATEWIDE, PRELIMINARY ENGINEERING FOR MISCELLANIOUS PROJECTS. \$25,396,804.00 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 40% STATEWIDE (\$1,000,000.00) / 30% REGIONAL (\$750,000.00) / 30% DIVISION (\$750,000.00) TIER FUNDING.	\$2,500,000.00
STATEWIDE P-5602EP SW/REG/DIV	WBS 46393.1.45 STI 7.0 SUPPORT. \$100,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED USING 40% STATEWIDE (\$120,000.00) / 30% REGIONAL (\$90,000.00) / 30% DIVISION (\$90,000.00) TIER FUNDING.	\$300,000.00
STATEWIDE RC-2000 STATEWIDE	WBS 49802.1.1 TRAFFIC SEPARATION STUDY IMPLEMENTATION AND CLOSURES PROGRAM. \$450,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$200,000.00

**NCDOT SEPTEMBER 2023 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 RX-2000 SW/DIV	WBS 50272.1.1 VARIOUS HIGHWAY RAIL GRADE CROSSING SAFETY IMPROVEMENTS PROGRAM ADMINISTRATION. \$1,100,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$400,000.00
<b>BONUSALLOC STRATEGIC TRANSPORTATION INVESTMENTS</b>	<b>2 PROJECTS</b>	<b>\$587,000.00</b>
<b>BONUSALLOC/REG STRATEGIC TRANSPORTATION INVESTMENTS</b>	<b>1 PROJECT</b>	<b>\$224,300.00</b>
<b>DIVISION STRATEGIC TRANSPORTATION INVESTMENTS</b>	<b>34 PROJECTS</b>	<b>\$35,496,497.00</b>
<b>REG/DIV STRATEGIC TRANSPORTATION INVESTMENTS</b>	<b>2 PROJECTS</b>	<b>\$1,375,000.00</b>
<b>REGIONAL STRATEGIC TRANSPORTATION INVESTMENTS</b>	<b>15 PROJECTS</b>	<b>\$9,618,466.29</b>
<b>STATEWIDE STRATEGIC TRANSPORTATION INVESTMENTS</b>	<b>17 PROJECTS</b>	<b>\$15,954,051.53</b>
<b>SW/DIV STRATEGIC TRANSPORTATION INVESTMENTS</b>	<b>1 PROJECT</b>	<b>\$400,000.00</b>
<b>SW/REG/DIV STRATEGIC TRANSPORTATION INVESTMENTS</b>	<b>2 PROJECTS</b>	<b>\$2,800,000.00</b>
<b>STRATEGIC TRANSPORTATION INVESTMENTS</b>	<b>74 PROJECTS</b>	<b>\$66,455,314.82</b>

**NCDOT SEPTEMBER 2023 BOARD OF TRANSPORTATION AGENDA  
APPROVAL OF FUNDS FOR SPECIFIC FEDERAL - AID PROJECTS**

TOWN/COUNTY PROJ. CATEGORY	PROJECT DESCRIPTION	ESTIMATED COST
<b>Division 2</b>		
PITT CO. HS-2002E REGIONAL	WBS 49300.3.6, FEDERAL NO. 0264074 US 264 ALTERNATE (GREENVILLE BOULEVARD) AT SR 1534 (OLD PACTOLUS ROAD). \$732,000.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$150,000.00 Cost \$135,000.00 Fed. \$15,000.00 State
MULTIPLE COUNTIES HS-2002S REGIONAL	WBS 49300.3.22, FEDERAL NO. 0043035 NC 43 BETWEEN NC 118 IN CRAVEN COUNTY AND SR 1730 (HERMAN GARRIS ROAD) IN PITT COUNTY; NC 43 BETWEEN SR 1205 (ROCK SPRING ROAD) AND THE SOUTHERN LIMITS OF FALKLAND; AND NC 43 BETWEEN THE NORTHERN LIMITS OF FALKLAND IN PITT COUNTY AND NC 42 IN EDGECOMBE COUNTY. FUNDS ARE NEEDED FOR CONSTRUCTION TO INSTALL RUMBLE STRIPES AND PAVEMENT MARKINGS.	\$760,000.00 Cost \$684,000.00 Fed. \$76,000.00 State
PITT GREENE COUNTIES R-5782MD DIVISION	WBS 44912.3.19, FEDERAL NO. 0220105 ADA RAMPS (AMERICANS WITH DISABILITIES ACT) AT VARIOUS LOCATIONS IN PITT AND GREENE COUNTIES. \$200,000.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE REQUESTED. STATE MATCH FOR THIS PROJECT USES DIVISION CONTRACT RESURFACING FUNDS.	\$60,000.00 Cost \$48,000.00 Fed. \$12,000.00 State

**NCDOT SEPTEMBER 2023 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 NEW HANOVER COUNTIES F-5707 REGIONAL	WBS 48341.1.1, FEDERAL NO. 4834111 SOUTHPORT - FORT FISHER. CONSTRUCT MOORING FACILITIES. FUNDS ARE NEEDED FOR PRELIMINARY ENGINEERING.	\$2,030,588.00 Cost \$1,624,470.00 Fed. \$406,118.00 State
NEW HANOVER CO. HS-2003AI REGIONAL	WBS 49303.1.36, FEDERAL NO. 4930306 US 117/NC 132 (COLLEGE ROAD) AND SR 2160 (LONG RIDGE ROAD)/MCDONALDS DRIVEWAY. FUNDS ARE NEEDED FOR PRELIMINARY ENGINEERING.	\$10,000.00 Cost \$9,000.00 Fed. \$1,000.00 State
ONSWLOW CO. HS-2003AJ REGIONAL	WBS 49303.1.37, FEDERAL NO. 4930307 US 17 BUSINESS (MARINE BOULEVARD) AND HENDERSON DRIVE. FUNDS ARE NEEDED FOR PRELIMINARY ENGINEERING.	\$6,000.00 Cost \$5,400.00 Fed. \$600.00 State
DUPLIN CO. HS-2003N STATEWIDE	WBS 49303.3.15, FEDERAL NO. 0024095 NC 24 BUSINESS (ROUTLEDGE ROAD) AND NC 24/ NC 903 (S. KENANSVILLE BYPASS). FUNDS ARE NEEDED FOR CONSTRUCTION TO REVISE TRAFFIC SIGNAL AND INSTALL PAVEMENT MARKINGS.	\$252,000.00 Cost \$226,800.00 Fed. \$25,200.00 State
ONSWLOW CO. W-5203U REGIONAL	WBS 45333.2.21, FEDERAL NO. HSIP-0053(15) NC 53 (WESTERN BOULEVARD) AT SR 1336 (HENDERSON DRIVE). \$56,000.00 HAS PREVIOUSLY BEEN APPROVED FOR UTILITIES. ADDITIONAL FUNDS ARE REQUESTED.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
ONSWLOW CO. W-5203U REGIONAL	WBS 45333.3.21, FEDERAL NO. HSIP-0053(15) NC 53 (WESTERN BOULEVARD) AT SR 1336 (HENDERSON DRIVE). \$2,050,000.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE REQUESTED.	\$300,000.00 Cost \$270,000.00 Fed. \$30,000.00 State

**NCDOT SEPTEMBER 2023 BOARD OF TRANSPORTATION AGENDA  
 APPROVAL OF FUNDS FOR SPECIFIC FEDERAL - AID PROJECTS**

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TOWN/COUNTY PROJ. CATEGORY	PROJECT DESCRIPTION	ESTIMATED COST
<b>Division 3</b>		
MULTIPLE COUNTIES W-5803B STATEWIDE	WBS 48948.3.3, FEDERAL NO. 0017187 US 17 BETWEEN NEW HANOVER/PENDER COUNTY LINE AND MILE POST 19.30 IN ONSLOW COUNTY. \$475,000.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE REQUESTED.	\$1,000.00 Cost \$900.00 Fed. \$100.00 State



**NCDOT SEPTEMBER 2023 BOARD OF TRANSPORTATION AGENDA  
APPROVAL OF FUNDS FOR SPECIFIC FEDERAL - AID PROJECTS**

TOWN/COUNTY PROJ. CATEGORY	PROJECT DESCRIPTION	ESTIMATED COST
<b>Division 4</b>		
EDGECOMBE CO. I-6041 STATEWIDE	WBS 47990.3.1, FEDERAL NO. 4799031 US 64 (FUTURE I-87), SR 1225 (KINGSBORO ROAD) TO NC 33. PAVEMENT REHABILITATION. \$29,900,000.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. FUNDS NEED TO BE DECREASED (\$9,241,000.00) TO REFLECT THE LOW BID RECEIVED.	(\$9,241,000.00) Cost (\$7,392,800.00) Fed. (\$1,848,200.00) State
JOHNSTON CO. U-5726 DIVISION	WBS 54017.1.1, FEDERAL NO. NHP-0301(36) US 301/NC 39/NC 96 FROM SR 1623 (BOOKER DAIRY ROAD) TO SR 2302 (RICKS ROAD). \$750,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$500,000.00 Cost \$400,000.00 Fed. \$100,000.00 State

**NCDOT SEPTEMBER 2023 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. BL-0036 EXEMPT	WBS 49876.3.1, FEDERAL NO. 0503036 CRABTREE CREEK GREENWAY - BOND PARK TO SR 1615 (HIGH HOUSE ROAD) IN CARY. FUNDS ARE NEEDED FOR CONSTRUCTION TO CONSTRUCT A GREENWAY BETWEEN BLACK CREEK AND WHITE OAK CREEK GREENWAYS AND BETWEEN BOND PARK AND PRESTON FIELDS PARK.	\$1,425,000.00 Cost \$1,140,000.00 Fed. \$285,000.00 Local
WAKE CO. BL-0092 EXEMPT	WBS 50781.1.1, FEDERAL NO. 5078002 ALSTON RIDGE GREENWAY TO BASS LAKE GREENWAY IN FUQUAY-VARINA. FUNDS ARE NEEDED FOR PRELIMINARY ENGINEERING.	\$16,667.00 Cost \$10,000.00 Fed. \$6,667.00 Local
WAKE CO. HL-0008F EXEMPT	WBS 49367.2.24, FEDERAL NO. 4936724 SR 1006 (OLD STAGE ROAD) AND SR 1010 (TEN TEN ROAD). FUNDS ARE NEEDED FOR FULL RIGHT OF WAY. THIS IS A BONUS ALLOCATION PROJECT.	\$1,000,000.00 Cost \$800,000.00 Fed. \$200,000.00 State
DURHAM CO. HS-2005M REGIONAL	WBS 49309.3.14, FEDERAL NO. 0055073 NC 55 (ALSTON AVENUE) AT SR 1670 (GEER STREET). FUNDS ARE NEEDED FOR CONSTRUCTION TO REVISE A TRAFFIC SIGNAL AND INSTALL PEDESTRIAN SIGNAL HEADS.	\$22,500.00 Cost \$20,250.00 Fed. \$2,250.00 State
WAKE CO. I-5999 STATEWIDE	WBS 47954.3.1, FEDERAL NO. 0540046 I-540 FROM US 70 (GLENWOOD AVENUE) TO US 1 IN RALEIGH. PAVEMENT REHABILITATION. \$33,400,000.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. FUNDS NEED TO BE DECREASED (\$20,493,150.00) TO REFLECT THE LOW BID RECEIVED.	(\$20,493,150.00) Cost (\$16,394,520.00) Fed. (\$4,098,630.00) State

**NCDOT SEPTEMBER 2023 BOARD OF TRANSPORTATION AGENDA  
APPROVAL OF FUNDS FOR SPECIFIC FEDERAL - AID PROJECTS**

TOWN/COUNTY PROJ. CATEGORY	PROJECT DESCRIPTION	ESTIMATED COST
<b>Division 5</b>		
WAKE CO. R-2829A STATEWIDE	WBS 35517.3.TAGV1, FEDERAL NO. 0540047 NEW ROUTE (FUTURE NC 540), I-40 TO SOUTH OF ROCK QUARRY ROAD. CONSTRUCT FREEWAY ON NEW LOCATION. FUNDS ARE NEEDED FOR CONSTRUCTION BASED ON THE ESTIMATE FROM THE 12-MONTH TENTATIVE LETTING LIST. THIS IS A GARVEE BOND PROJECT WITH FEDERAL FUNDS OF \$11,261,000.00 IN FY2026 THROUGH FY2040. STATE MATCHING FUNDS ARE A THREE-YEAR CASH FLOW WITH \$10,937,000.00 IN FY2026, \$10,937,000.00 IN FY2027 AND \$21,876,000.00 IN FY2028.	\$212,665,000.00 Cost \$168,915,000.00 Fed. \$43,750,000.00 State
WAKE CO. U-6026 DIVISION	WBS 47150.3.1, FEDERAL NO. 0512014 KNIGHTDALE - TOWNWIDE ITS/SIGNAL SYSTEM. \$2,201,000.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE REQUESTED.	\$1,975,000.00 Cost \$1,580,000.00 Fed. \$395,000.00 State
WAKE CO. U-6225 DIVISION	WBS 48813.3.1, FEDERAL NO. 2700003 SR 2700 (WHITE OAK ROAD) FROM SR 2709 (ACKERMAN ROAD), SR 2547 (HEBRON CHURCH ROAD) AND SR 2700 (WHITE OAK ROAD) IN GARNER. FUNDS ARE NEEDED FOR CONSTRUCTION TO CONVERT INTERSECTIONS INTO A MULTI-LANE ROUNDAABOUT.	\$1,418,616.00 Cost \$1,063,962.00 Fed. \$354,654.00 Local

**NCDOT SEPTEMBER 2023 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 6</b>		
CUMBERLAND CO. HS-2006C REGIONAL	WBS 49312.2.6, FEDERAL NO. 0053023 NC 53 (CEDAR CREEK ROAD) JUST NORTH OF PLYMOUTH STREET TO JUST SOUTH OF TROY DRIVE. \$15,000.00 HAS PREVIOUSLY BEEN APPROVED FOR RIGHT OF WAY. ADDITIONAL FUNDS ARE REQUESTED.	\$110,000.00 Cost \$99,000.00 Fed. \$11,000.00 State
ROBESON CO. HS-2006D DIVISION	WBS 49312.2.8, FEDERAL NO. 1924(007) SR 1924 (BARKER TEN MILE ROAD) AT SR 1935 (HOWELL ROAD), AND SR 1005 (TOLARVILLE ROAD) AT SR 1935 (HOWELL ROAD). \$15,000.00 HAS PREVIOUSLY BEEN APPROVED FOR RIGHT OF WAY. ADDITIONAL FUNDS ARE REQUESTED.	\$10,000.00 Cost \$9,000.00 Fed. \$1,000.00 State
HARNETT CO. HS-2006Q DIVISION	WBS 49312.3.21, FEDERAL NO. 1532006 SR 1532 (LANGDON ROAD) AT BRIDGE #15. FUNDS ARE NEEDED FOR CONSTRUCTION TO UPGRADE GUARDRAIL.	\$70,000.00 Cost \$63,000.00 Fed. \$7,000.00 State
HARNETT CO. I-5878 STATEWIDE	WBS 53078.1.1, FEDERAL NO. NHP-0095(007)73 I-95 AT US 421 (EXIT 73) AND SR 1793 (POPE ROAD) (EXIT 72). \$3,479,300.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$75,000.00 Cost \$60,000.00 Fed. \$15,000.00 State
ROBESON CO. I-5879 DIVISION	WBS 53079.1.1, FEDERAL NO. NHP-0095(006) I-95 AT SR 1536 (CARTHAGE ROAD AND WEST CARTHAGE ROAD) (EXIT 19). \$2,019,712.00 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

**NCDOT SEPTEMBER 2023 BOARD OF TRANSPORTATION AGENDA  
APPROVAL OF FUNDS FOR SPECIFIC FEDERAL - AID PROJECTS**

TOWN/COUNTY PROJ. CATEGORY	PROJECT DESCRIPTION	ESTIMATED COST
<b>Division 6</b>		
HARNETT CO. I-5883 STATEWIDE	WBS 53083.1.1, 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). \$3,628,285.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$75,000.00 Cost \$60,000.00 Fed. \$15,000.00 State
CUMBERLAND CO. U-3422 DIVISION	WBS 39001.2.1, FEDERAL NO. STP-1003(179) SR 1003 (CAMDEN ROAD) FROM PROPOSED FAYETTEVILLE OUTER LOOP TO NC 59 (HOPE MILLS ROAD) IN FAYETTEVILLE. \$9,975,000.00 HAS PREVIOUSLY BEEN APPROVED FOR RIGHT OF WAY. ADDITIONAL FUNDS ARE REQUESTED.	\$6,200,000.00 Cost \$4,960,000.00 Fed. \$1,240,000.00 State
CUMBERLAND CO. W-5706G REGIONAL	WBS 44852.3.7, FEDERAL NO. HSIP-0059(009) NC 59 (HOPE MILLS ROAD) FROM NC 162 (GEORGE OWEN DRIVE) TO SR 1003 (CAMDEN ROAD). \$1,392,000.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE REQUESTED.	\$100,000.00 Cost \$90,000.00 Fed. \$10,000.00 State
CUMBERLAND CO. W-5806C DIVISION	WBS 48951.3.4, FEDERAL NO. 1615003 SR 1615 (ROSEHILL ROAD) AT TAMARACK DRIVE AND SR 1615 AT LANDAU ROAD. \$1,850,000.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE REQUESTED.	\$1,355,000.00 Cost \$1,219,500.00 Fed. \$135,500.00 State

**NCDOT SEPTEMBER 2023 BOARD OF TRANSPORTATION AGENDA  
APPROVAL OF FUNDS FOR SPECIFIC FEDERAL - AID PROJECTS**

<b>TOWN/COUNTY PROJ. CATEGORY</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
<b>Division 7</b>		
ROCKINGHAM CO. B-5721 DIVISION	WBS 45677.3.1, FEDERAL NO. BRZ-2177(001) REPLACE BRIDGE #124 OVER THE MAYO RIVER ON SR 2177. \$3,800,000.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. FUNDS NEED TO BE INCREASED \$1,052,625.00 TO REFLECT THE LOW BID RECEIVED.	\$1,052,625.00 Cost \$842,100.00 Fed. \$210,525.00 State
GUILFORD CO. EB-5997 DIVISION	WBS 48601.1.1, FEDERAL NO. 0708133 GREEN VALLEY ROAD FROM FRIENDLY AVENUE TO WESTOVER TERRACE IN GREENSBORO. FUNDS ARE NEEDED FOR PRELIMINARY ENGINEERING.	\$75,000.00 Cost \$60,000.00 Fed. \$15,000.00 Local
GUILFORD CO. HS-2007G STATEWIDE	WBS 49317.3.8, FEDERAL NO. 4931705 US 29 AT LAKEVIEW MEMORIAL PARK CEMETERY ENTRANCE. FUNDS ARE NEEDED FOR CONSTRUCTION FOR DIRECTIONAL CROSSOVER.	\$410,000.00 Cost \$369,000.00 Fed. \$41,000.00 State
GUILFORD CO. I-5955 STATEWIDE	WBS 45908.3.1, FEDERAL NO. 0040115 I-40 AT SOUTH BUFFALO CREEK BRIDGE FROM EAST OF US 220 (FREEMAN MILL ROAD) TO EAST OF SR 3037/SR 4240 (EAST GATE CITY BOULEVARD) IN GREENSBORO. PAVEMENT REHABILITATION. \$14,104,000.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. FUNDS NEED TO BE DECREASED (\$879,710.00) TO REFLECT THE LOW BID RECEIVED.	(\$879,710.00) Cost (\$703,768.00) Fed. (\$175,942.00) State
GUILFORD CO. U-5532K DIVISION	WBS 46297.3.12, FEDERAL NO. 0708120 IRVING PARK COURT TO CONE BOULEVARD IN GREENSBORO. \$429,500.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE REQUESTED.	\$80,000.00 Cost \$64,000.00 Fed. \$16,000.00 Local

**NCDOT SEPTEMBER 2023 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 8</b>		
MOORE CO. BR-0035 REGIONAL	WBS 49073.3.1, FEDERAL NO. 0022015 REPLACE BRIDGE #62 OVER NICKS CREEK ON NC 22 IN CARTHAGE. \$4,106,569.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE REQUESTED.	\$250,000.00 Cost \$200,000.00 Fed. \$50,000.00 State
MOORE CO. EB-5864 DIVISION	WBS 47320.1.1, FEDERAL NO. 4732011 NC 2 (MIDLAND ROAD) TO SR 1843 (AIRPORT ROAD) IN SOUTHERN PINES. FUNDS ARE NEEDED FOR PRELIMINARY ENGINEERING.	\$252,978.00 Cost \$202,382.00 Fed. \$50,596.00 Local
SCOTLAND CO. EB-6015A DIVISION	WBS 48684.1.1, FEDERAL NO. 0401313 US 401 BUSINESS (SOUTH MAIN STREET) FROM SR 1674 (LAUCHWOOD DRIVE) TO PLAZA ROAD IN LAURINBURG. FUNDS ARE NEEDED FOR PRELIMINARY ENGINEERING.	\$66,000.00 Cost \$52,800.00 Fed. \$13,200.00 Local
RICHMOND CO. I-5946B STATEWIDE	WBS 45892.3.3, FEDERAL NO. NHPIM-0073(054) I-73 /I-74 FROM SR 1455 (FIRE TOWER ROAD) TO THE MONTGOMERY COUNTY LINE. \$7,011,888.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE REQUESTED.	\$50,000.00 Cost \$40,000.00 Fed. \$10,000.00 State

**NCDOT SEPTEMBER 2023 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>		
FORSYTH CO. B-5007 DIVISION	WBS 41111.2.1, FEDERAL NO. BRZ-0918(84) REPLACE BRIDGE #296 ON WEST FIRST STREET OVER THE NORFOLK SOUTHERN RAILWAY IN WINSTON-SALEM. FUNDS ARE NEEDED FOR FULL RIGHT OF WAY AND UTILITIES. THIS IS A MUNICIPAL BRIDGE PROJECT.	\$600,000.00 Cost \$480,000.00 Fed. \$120,000.00 Local
ROWAN CO. HL-0049 DIVISION	WBS 49900.1.1, FEDERAL NO. 0070244 BRENNER AVENUE FROM US 70/US 601 (JAKE ALEXANDER BOULEVARD) TO MILFORD HILLS ROAD IN SALISBURY. FUNDS ARE NEEDED FOR PRELIMINARY ENGINEERING.	\$220,500.00 Cost \$176,400.00 Fed. \$44,100.00 Local



**NCDOT SEPTEMBER 2023 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. B-5808 REGIONAL	WBS 45762.1.1, FEDERAL NO. NHP-0029(062) REPLACE BRIDGES #57 AND #59 OVER IRISH BUFFALO CREEK ON US 29/US 601. \$1,145,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$75,000.00 Cost \$60,000.00 Fed. \$15,000.00 State
MECKLENBURG CO. C-5621 EXEMPT	WBS 50146.3.1, FEDERAL NO. 0021020 US 21 AND SR 5544 (CATAWBA AVENUE) INTERSECTION IN CORNELIUS. CONSTRUCT ROUNDBABOUTS. FUNDS ARE NEEDED FOR CONSTRUCTION BASED ON THE ESTIMATE FROM THE 12-MONTH TENTATIVE LETTING LIST.	\$9,342,500.00 Cost \$7,474,000.00 Fed. \$1,868,500.00 State
CABARRUS CO. HL-0062 EXEMPT	WBS 50669.1.1, FEDERAL NO. 5066901 NC 49 MAIN STREET FROM SR 1300 (MOREHEAD ROAD) TO CEDAR DRIVE IN HARRISBURG. FUNDS ARE NEEDED FOR PRELIMINARY ENGINEERING.	\$1,396,250.00 Cost \$1,117,000.00 Fed. \$279,250.00 Local
CABARRUS CO. HL-0063 DIVISION	WBS 50663.1.1, FEDERAL NO. 5066301 SR 1173 (CALDWELL ROAD) AT NC 49 TO US 29 IN HARRISBURG. FUNDS ARE NEEDED FOR PRELIMINARY ENGINEERING.	\$832,500.00 Cost \$666,000.00 Fed. \$166,500.00 Local
MECKLENBURG CO. HS-2010J DIVISION	WBS 49291.1.10, FEDERAL NO. 4929103 NC 73 (SAM FURR ROAD) AND SR 5544 (CATAWBA AVENUE) AND NC 73 AND GLEN FURNESS DRIVE IN HUNTERSVILLE. FUNDS ARE NEEDED FOR PRELIMINARY ENGINEERING.	\$120,000.00 Cost \$108,000.00 Fed. \$12,000.00 State
MECKLENBURG CO. I-5715 STATEWIDE	WBS 50128.1.FS1, FEDERAL NO. NHPP-077-1(220)29 I-77 AND NC 73 INTERCHANGE. \$4,500,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$1,000,000.00 Cost \$800,000.00 Fed. \$200,000.00 State

**NCDOT SEPTEMBER 2023 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>		
UNION CO. U-4714B DIVISION	WBS 39078.2.11, FEDERAL NO. STPDA-1009(18) SR 1009 (OLD MONROE ROAD) FROM WEST OF MORNINGSIDE MEADOW LANE TO EAST OF SR 1377 (WESLEY CHAPEL-STOUTS ROAD), COMBINED WITH U-4714AC (SR 1009 EAST OF I-485 TO WEST OF MORNINGSIDE MEADOW LANE) IN INDIAN TRAIL. \$2,200,000.00 HAS PREVIOUSLY BEEN APPROVED FOR UTILITIES. ADDITIONAL FUNDS ARE REQUESTED.	\$4,500,000.00 Cost \$3,600,000.00 Fed. \$900,000.00 State
CABARRUS CO. U-4910A DIVISION	WBS 40373.3.3, FEDERAL NO. STPDA-1445(008) SR 1445 (DERITA ROAD) FROM SR 2894 (CONCORD MILLS BOULEVARD) TO AVIATION BOULEVARD. \$28,540,387.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$1,201,347.00 Cost \$961,077.00 Fed. \$240,270.00 State
UNION CO. W-5710AD DIVISION	WBS 44856.3.30, FEDERAL NO. HSIP-1005(046) SR 1005 (LANDSFORD ROAD) AND SR 1937 (OLD PAGELAND MARSHVILLE ROAD). FUNDS ARE NEEDED FOR CONSTRUCTION TO INSTALL AN ALL-WAY STOP.	\$30,000.00 Cost \$27,000.00 Fed. \$3,000.00 State
UNION CO. W-5710AI REGIONAL	WBS 44856.3.37, FEDERAL NO. HSIP-0218(016) NC 218 AND SR 1606 (SIKES MILL ROAD) NEAR FAIRVIEW. FUNDS ARE NEEDED FOR CONSTRUCTION TO INSTALL A ROUNDABOUT.	\$1,250,000.00 Cost \$1,125,000.00 Fed. \$125,000.00 State
UNION CO. W-5710AR DIVISION	WBS 44856.3.46, FEDERAL NO. 1004072 SR 1004 (LAWYERS ROAD) AND SR 1532 (INDIAN TRAIL-FAIRVIEW ROAD) NEAR FAIRVIEW. \$1,528,000.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE REQUESTED.	\$452,000.00 Cost \$406,800.00 Fed. \$45,200.00 State

**NCDOT SEPTEMBER 2023 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>		
UNION CO. W-5710AS DIVISION	WBS 44856.3.47, FEDERAL NO. 1514009 SR 1004 (LAWYERS ROAD) AND SR 1514 (ROCKY RIVER ROAD) NEAR INDIAN TRAIL. \$2,526,200.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE REQUESTED.	\$365,000.00 Cost \$328,500.00 Fed. \$36,500.00 State

**NCDOT SEPTEMBER 2023 BOARD OF TRANSPORTATION AGENDA  
APPROVAL OF FUNDS FOR SPECIFIC FEDERAL - AID PROJECTS**

TOWN/COUNTY PROJ. CATEGORY	PROJECT DESCRIPTION	ESTIMATED COST
<b>Division 11</b>		
ASHE CO. HA-0006 EXEMPT	WBS 50601.1.1, FEDERAL NO. 5060111 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. FUNDS ARE NEEDED FOR PRELIMINARY ENGINEERING.	\$47,000.00 Cost \$47,000.00 Fed.
WILKES CO. U-5312 REGIONAL	WBS 45446.2.U1, FEDERAL NO. NHS-0421(072) US 421 FROM NC 16 TO US 421 BUSINESS. \$817,000.00 HAS PREVIOUSLY BEEN APPROVED FOR UTILITIES. ADDITIONAL FUNDS ARE REQUESTED.	\$400,000.00 Cost \$320,000.00 Fed. \$80,000.00 State

**NCDOT SEPTEMBER 2023 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 12</b>	
IREDELL CO. B-5843 DIVISION	WBS 45796.1.2, FEDERAL NO. BRZ-2402(003) REPLACE BRIDGE #20 OVER I-L CREEK ON SR 2402. \$200,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$225,000.00 Cost \$180,000.00 Fed. \$45,000.00 State
LINCOLN CO. B-6042 REGIONAL	WBS 48327.1.1, FEDERAL NO. 0150047 REPLACE BRIDGE #26 OVER S.A.L.RAILROAD ON NC 150. \$375,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$50,000.00 Cost \$40,000.00 Fed. \$10,000.00 State
CATAWBA CO. HA-0007 EXEMPT	WBS 50850.1.1, FEDERAL NO. 5085114 NEW ROUTE-FAIRGROVE CHURCH ROAD SE. FUNDS ARE NEEDED FOR PRELIMINARY ENGINEERING.	\$182,000.00 Cost \$91,000.00 Fed. \$91,000.00 Local
LINCOLN CO. HS-2012F DIVISION	WBS 49331.3.7, FEDERAL NO. 4933101 SR 1360 (BETH HAVEN CHURCH ROAD)AT SR 1373 (WINGATE HILL ROAD/FORNEY HILL ROAD). FUNDS ARE NEEDED FOR CONSTRUCTION TO INSTALL AN ALL-WAY STOP AND UPGRADE SIGNS AND PAVEMENT MARKINGS.	\$25,000.00 Cost \$22,500.00 Fed. \$2,500.00 State
CLEVELAND CO. W-5712H STATEWIDE	WBS 44858.3.8, FEDERAL NO. HSIP-0074(211) US 74 AT SR 1158 (BEAVER DAM CHURCH ROAD)/ SR 1315 (PLATO LEE ROAD). \$35,000.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE REQUESTED.	\$25,000.00 Cost \$22,500.00 Fed. \$2,500.00 State
CATAWBA CO. W-5712L REGIONAL	WBS 44858.3.12, FEDERAL NO. HSIP-0070(221) US 70/US 321 AT SR 2375 (BUMGARNER INDUSTRIAL DRIVE)/AMERICAN LEGION AVENUE. \$250,000.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE REQUESTED.	\$25,000.00 Cost \$22,500.00 Fed. \$2,500.00 State

**NCDOT SEPTEMBER 2023 BOARD OF TRANSPORTATION AGENDA  
APPROVAL OF FUNDS FOR SPECIFIC FEDERAL - AID PROJECTS**

TOWN/COUNTY PROJ. CATEGORY	PROJECT DESCRIPTION	ESTIMATED COST
<b>Division 13</b>		
BURKE CO. B-5869 REGIONAL	WBS 48063.3.1, FEDERAL NO. NHPP-0064(180) REPLACE BRIDGE #99 OVER THE NORFOLK SOUTHERN RAILROAD ON US 64/US 70 IN MORGANTON. \$19,200,000.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. FUNDS NEED TO BE INCREASED \$6,660,915.00 TO REFLECT THE LOW BID RECEIVED. THIS IS A THREE-YEAR CASH FLOW PROJECT WITH FEDERAL FUNDS OF \$1,640,798.61 IN FY24, \$2,287,804.47 IN FY25 AND \$1,400,128.92 IN FY26, AND STATE MATCH OF \$410,199.65 IN FY24, \$571,951.12 IN FY25 AND \$350,032.23 IN FY26.	\$6,660,915.00 Cost \$5,328,732.00 Fed. \$1,332,183.00 State
BUNCOMBE CO. EB-5774 DIVISION	WBS 46407.1.1, FEDERAL NO. STPDA-0251(038) NC 251 (RIVERSIDE DRIVE) FROM SR 1684 (ELK MOUNTIAN ROAD) TO EXIT 25 ON US 19/23/70 IN BUNCOMBE COUNTY. \$536,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$1,330,000.00 Cost \$1,064,000.00 Fed. \$266,000.00 Local
BURKE CO. EB-5939 DIVISION	WBS 48181.3.1, FEDERAL NO. STBGDA-1143(017) RIVERWALK TRAIL. CONSTRUCT MULTI-USE PATH FROM OLD LENOIR ROAD AND 15TH AVENUE NW IN HICKORY TO THE END OF THE PROPOSED ROSALES BRIDGE OVER THE CATAWBA RIVER. \$2,010,000.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE REQUESTED.	\$6,500,000.00 Cost \$5,200,000.00 Fed. \$1,300,000.00 Local

**NCDOT SEPTEMBER 2023 BOARD OF TRANSPORTATION AGENDA  
APPROVAL OF FUNDS FOR SPECIFIC FEDERAL - AID PROJECTS**

TOWN/COUNTY PROJ. CATEGORY	PROJECT DESCRIPTION	ESTIMATED COST
<b>Division 13</b>		
BUNCOMBE CO. I-5889B STATEWIDE	WBS 46409.3.3, FEDERAL NO. 0040103 I-40 MILE MARKER 45.25 TO MILE MARKER 50. REHABILITATE PAVEMENT AND PRESERVE BRIDGES #352, #356, #344, #347, #339, AND #334. \$20,410,000.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. FUNDS NEED TO BE INCREASED \$11,776,270.01 TO REFLECT THE LOW BID RECEIVED. THIS IS A THREE-YEAR CASH FLOW PROJECT WITH FEDERAL FUNDS OF \$3,258,103.81 IN FY24, \$4,383,556.07 IN FY25 AND \$1,779,356.13 IN FY26, AND STATE MATCH OF \$814,525.95 IN FY24, \$1,095,889.02 IN FY25 AND \$444,839.03 IN FY26.	\$11,776,270.01 Cost \$9,421,016.01 Fed. \$2,355,254.00 State
BUNCOMBE CO. W-5813C DIVISION	WBS 48958.3.4, FEDERAL NO. 1332005 SR 1332 (N. LOUISIANA AVENUE) AT SR 1338 (EMMA ROAD) IN ASHEVILLE. \$140,000.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE REQUESTED.	\$15,000.00 Cost \$13,500.00 Fed. \$1,500.00 State

**NCDOT SEPTEMBER 2023 BOARD OF TRANSPORTATION AGENDA  
APPROVAL OF FUNDS FOR SPECIFIC FEDERAL - AID PROJECTS**

TOWN/COUNTY PROJ. CATEGORY	PROJECT DESCRIPTION	ESTIMATED COST
<b>Division 14</b>		
JACKSON CO. EB-5923 DIVISION	WBS 47589.3.1, FEDERAL NO. TAP-1432(007) SR 1432 (SKYLAND DRIVE) FROM SR 1429 (CHIPPER CURVE ROAD) TO US 23 BUSINESS IN SYLVA. \$960,000.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE REQUESTED.	\$517,000.00 Cost \$413,600.00 Fed. \$103,400.00 Local
HAYWOOD CO. HB-0003 STATEWIDE	WBS 49623.2.1, FEDERAL NO. 0040121 REPLACE BRIDGE #239 OVER SR 1550 ON I-40. FUNDS ARE NEEDED FOR FULL RIGHT OF WAY. THIS IS A FOUR-YEAR CASH FLOW PROJECT WITH FEDERAL FUNDS OF \$160,000.00 IN FY23, \$480,000.00 IN FY24 AND \$80,000.00 IN BOTH FY25 AND FY26, AND STATE MATCH OF \$40,000.00 IN FY23, \$120,000.00 IN FY24, AND \$20,000.00 IN BOTH FY25 AND FY26.	\$1,000,000.00 Cost \$800,000.00 Fed. \$200,000.00 State
HAYWOOD CO. HB-0004 STATEWIDE	WBS 49624.2.1, FEDERAL NO. 0040125 REPLACE BRIDGE #243 OVER NC 215 ON I-40. FUNDS ARE NEEDED FOR FULL RIGHT OF WAY. THIS IS A THREE-YEAR CASH FLOW PROJECT WITH FEDERAL FUNDS OF \$640,000.00 IN FY24, \$80,000.00 IN BOTH FY25 AND FY26, AND STATE MATCH OF \$160,000.00 IN FY24, AND \$20,000.00 IN BOTH FY25 AND FY26.	\$1,000,000.00 Cost \$800,000.00 Fed. \$200,000.00 State
MULTIPLE COUNTIES R-5794G DIVISION	WBS 44910.3.9, FEDERAL NO. 1420016 ADA RAMPS (AMERICANS WITH DISABILITIES ACT) FOR AREAS WITH POPULATIONS < 5000 IN CHEROKEE, CLAY, GRAHAM, AND MACON COUNTIES. \$250,000.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE REQUESTED. STATE MATCH FOR THIS PROJECT USES DIVISION CONTRACT RESURFACING FUNDS.	\$115,000.00 Cost \$92,000.00 Fed. \$23,000.00 State
HENDERSON CO. R-5794N DIVISION	WBS 44910.3.16, FEDERAL NO. 4491002 ADA RAMPS (AMERICANS WITH DISABILITIES ACT) FOR 35 LOCATIONS ON US 25 BUSINESS IN HENDERSON COUNTY. FUNDS ARE NEEDED FOR CONSTRUCTION. STATE MATCH FOR THIS PROJECT USES DIVISION CONTRACT RESURFACING FUNDS.	\$250,000.00 Cost \$200,000.00 Fed. \$50,000.00 State

**SEPTEMBER 7, 2023**



**NCDOT SEPTEMBER 2023 BOARD OF TRANSPORTATION AGENDA  
APPROVAL OF FUNDS FOR SPECIFIC FEDERAL - AID PROJECTS**

<b>TOWN/COUNTY PROJ. CATEGORY</b>	<b>PROJECT DESCRIPTION</b>	<b>ESTIMATED COST</b>
	<b>Statewide</b>	
STATEWIDE CO. NO ID EXEMPT	WBS 47520.1.13, FEDERAL NO. FY23001 LOCAL TECHNICAL ASSISTANCE PROGRAM (LTAP) FOR FY23. FUNDS ARE NEEDED FOR PROGRAM IMPLEMENTATION.	\$420,000.00 Cost \$210,000.00 Fed. \$210,000.00 Local
STATEWIDE CO. RX-2100 DIVISION	WBS 49351.1.1, FEDERAL NO. 2100002 RAIL INVENTORY/DATA ANALYSIS. \$1,000,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$500,000.00 Cost \$450,000.00 Fed. \$50,000.00 State
STATEWIDE CO. W-5716 SW/REG/DIV	WBS 48923, FEDERAL NO. 00SS105 SAFETY MANAGEMENT PROGRAM. \$22,000,000.00 HAS PREVIOUSLY BEEN APPROVED FOR OTHER FUNDS. ADDITIONAL FUNDS ARE REQUESTED.	\$3,500,000.00 Cost \$3,150,000.00 Fed. \$350,000.00 State

**ITEM M SUMMARY - 73 PROJECTS - (TOTAL FEDERAL AND STATE) \$254,892,029.01**

**ITEM M BOT AGENDA CORRECTIONS**

August 3, 2023, BOT Agenda

R-2829B

Page M-20

Correction in STI Category from Division to Statewide

July 6, 2023, BOT Agenda

I-2513AB

Page M-27

Correction in cash flow from three-year to four-year

BUNCOMBE CO. I-2513AB REGIONAL	WBS 34165.2.16, FEDERAL NO. 0026025 I-26/I-40 AND I-40/US 19/23 (SMOKEY PARK HIGHWAY) INTERCHANGES. FUNDS ARE NEEDED FOR FULL RIGHT OF WAY. THIS IS A FOUR-YEAR CASH FLOW PROJECT WITH FEDERAL FUNDS OF \$1,692,800.00 IN FY23, \$483,200.00 IN FY24, AND \$272,000.00 IN BOTH FY25 AND FY26, AND STATE MATCH OF \$423,200.00 IN FY23, \$120,800.00 IN FY24 AND \$68,000.00 IN BOTH FY25 AND FY26.	\$3,400,000.00 Cost \$2,720,000.00 Fed. \$680,000.00 State
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**REVISIONS TO THE 2024-2033 STIP  
HIGHWAY PROGRAM  
STIP MODIFICATIONS**

**DIVISION 1**

<p>* HF-0008 CURRITUCK <b>PROJ.CATEGORY</b> EXEMPT</p>	<p>NC 615 (MARSH CAUSEWAY), HQ/ VC ENTRANCE ROAD TO WEST OF KNOTTS ISLAND ROAD. IMPROVE CORRIDOR AT VARIOUS LOCATIONS. <b><u>ADD PRELIMINARY ENGINEERING AT THE REQUEST OF THE DIVISION.</u></b></p>	<p>ENGINEERING CONSTRUCTION</p>	<p>FY 2023 - \$50,000 (FLAP) FY 2025 - <u>\$650,000</u> (FLAP) \$700,000</p>
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**DIVISION 14**

<p>* B-6025 MACON <b>PROJ.CATEGORY</b> DIVISION</p>	<p>SR 1114 (SHOPE ROAD), REPLACE BRIDGE 550244 OVER NORTH FORK COWEETA CREEK. <b><u>REMOVE RIGHT-OF-WAY AT THE REQUEST OF THE DIVISION.</u></b></p>	<p>CONSTRUCTION</p>	<p>FY 2024 - \$6,000 (BGOFF) FY 2025 - <u>\$544,000</u> (BGOFF) \$550,000</p>
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<p>* B-6029 MACON <b>PROJ.CATEGORY</b> DIVISION</p>	<p>SR 1001 (ELLIJAY ROAD), REPLACE BRIDGE 550009 OVER NORTH PRONG ELLIJAY CREEK. <b><u>REMOVE RIGHT-OF-WAY AT THE REQUEST OF THE DIVISION.</u></b></p>	<p>CONSTRUCTION</p>	<p>FY 2024 - \$7,000 (BGOFF) FY 2025 - <u>\$693,000</u> (BGOFF) \$700,000</p>
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<p>* HF-0006 MACON <b>PROJ.CATEGORY</b> EXEMPT</p>	<p>US 64, DRY FALLS RECREATION AREA. IMPROVE PARKING AREA, CONSTRUCT PEDESTRIAN BRIDGE, AND CONSTRUCT OBSERVATION PLATFORM. <b><u>ACCELERATE PRELIMINARY ENGINEERING FROM FY 24 TO FY 23 AT THE REQUEST OF THE DIVISION.</u></b></p>	<p>ENGINEERING</p>	<p>FY 2023 - <u>\$1,000,000</u> (FLAP) \$1,000,000</p>
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**ITEM N SUMMARY**

MODIFICATION	4	PROJECTS
	4	PROJECTS

\* INDICATES FEDERAL AMENDMENT

September 7, 2023  
Board of Transportation Agenda – Special and Municipal Agreements

SUMMARY: There are a total of 49 agreements for approval by the Board of Transportation.

**Division 1**

Town of Winton  
Hertford County  
36249.4721  
1000019055

This Project consists of the fabrication and installation of four (4) historic district signs. The Department will perform the work. The Municipality shall reimburse the Department 100% of the actual cost of work. The estimated cost of the Project is \$400.

**Division 3**

City of Wilmington  
New Hanover County  
HL-0109  
50709.1.1  
50709.2.1  
50709.3.1  
1000019132  
1000019133  
1000019134

This Project consists of the installation of traffic signals with pedestrian signal heads at intersection of South 3<sup>rd</sup> Street and Ann Street in Wilmington. The Department will utilize federal STBG-DA funds for 80% of eligible costs up to a maximum of \$971,840. The Municipality shall provide the 20% non-federal match and all costs that exceed the total available funding of \$1,214,800.

City of Jacksonville  
Onslow County  
BL-0073  
50706.1.1  
11590

This Project consists of design services related to construction of pedestrian improvements along Gum Branch Road (SR 1308) from Onsville Drive to Onsville Drive. The Municipality is responsible for all aspects of the Project. The Department will reimburse 80% of eligible costs up to a maximum of \$256,000 with CRPDA Funds. The Municipality shall provide the 20% non-federal match and all costs that exceed the total available funding of \$320,000.

**Division 4**

City of Goldsboro  
Wayne County  
M-0565CC  
11578

This Project consists of a survey designed to collect complete travel information for a 24-hour weekday period from a representative sample of households in the Wayne County region. The Municipality shall be responsible for all aspects of the Project. The Department shall reimburse the Municipality \$190,00. Any costs exceeding the total \$200,000 will be borne to Municipality.

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**Division 4, cont.**

North Carolina Department of  
Natural and Cultural Resources  
Johnston County  
36249.4711  
1000019010

This Project consists of installing pedestrian signals at the intersection of Harper House Road and Bass Road in Four Oaks. The Department will perform the work. The Agency is responsible for 100% of actual costs. The estimated cost of the Project is \$6,053.

**Division 5**

Town of Holly Springs  
Wake County  
BL-0093  
50782.3.1  
11612

This Project consists of construction of a greenway trail along the path of Utley Creek from the existing Utley Creek Greenway (east) to the Holly Glen Subdivision. The Municipality is responsible for the construction of the Project. The Department will reimburse 70% of eligible costs up to a maximum of \$1,925,000 with CMAQ funds. The Municipality shall provide the 30% non-federal match and all costs that exceed the total available funding of \$2,750,000.

Town of Cary  
Wake County  
HL-0033  
49618.1.1  
49618.3.1  
1000019089  
1000019096

This Project consists of the extension of SR 3126 (Airport Blvd) from Garden Square Lane to SR 1637 (Church Street). At the request of the Municipality, the Department will design and construct the utility betterment. The Municipality is responsible for 100% of total actual costs of said utility work. The estimated reimbursement from the Municipality is \$596,537.87.

Town of Cary  
Wake County  
BL-0091  
50780.3.1  
11607

This Project consists of constructing the remaining gap of the Higgins Greenway to provide access to Cary's downtown park, Wake County Regional Library, Cary Elementary School, and the Cary Arts building. The Municipality is responsible for all phases of the Project. The Department will reimburse 80% of eligible costs up to a maximum of \$1,936,000 with CMAQ Funds. The Municipality shall provide the 20% non-federal match and all costs that exceed the total available funding of \$2,420,000.

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**Division 5, cont.**

US Department of Transportation  
(USDOT)  
Wake County  
HO-0011  
11651

This Project consists of implementing a pilot program that will implement the Automated Actionable Road Anomalies (AARA) project to provide hands free-eyes free alerts to motorists about the imminent need to slow down or change lanes on freeways. USDOT has awarded a SMART Grant to the Department in the amount of \$1,534,500. The Department will provide \$438,000 in State funds as match towards the grant, along with any costs that exceed the \$1,972,500 estimated project cost.

US Department of Transportation  
(USDOT)  
Wake County  
HO-0012  
11601

This project will develop comprehensive digital traveler information for the three-state region of North Carolina, Tennessee, and Virginia in addition to branding and marketing. Specific activities include redesigning the Blue Ridge Parkway Association (BRPA) website to include general information about the three national parks as well as comprehensive trip-planning tools for travelers (including customized itineraries); redesigning the BRPA mobile app to provide interpretation, trip-planning tools, visitor services information, and state-of-the-art mapping and navigation within the national parks and gateway communities; branding for BRPA's print and digital products; and a marketing plan. USDOT has awarded a National Scenic Byways Program (NSBP) Grant to the Department in the amount of \$460,000. The Blue Ridge Parkway Association (BRPA) will be responsible for \$115,000 as the match to the NSBP Grant, along with any costs that exceed the \$575,000 estimated project cost.

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**Division 6**

Town of Angier  
Harnett County  
BL-0090  
50784.1.1  
50784.2.1  
50784.3.1  
11610

This Project consists of sidewalk and curb & gutter installation along the south side of E. McIver Street (SR 1500) from the Angier Elementary School property to S. Wilma Street; installation of a crosswalk across S. Wilma Street; and installation of sidewalk and curb & gutter along the east side of S. Wilma Street to tie into the developer proposed sidewalk along the frontage of the 'Tanglewood 3' subdivision. The Municipality is responsible for all phases of the Project. The Department will reimburse 80% of eligible costs up to a maximum of \$878,400 with BGDA Funds. The Municipality shall provide the 20% non-federal match and all costs that exceed the total available funding of \$1,098,000.

RJ Corman Railroad Co. (RJCS)  
Columbus County  
80000.1.4.148  
FRRCSI ID: F23116  
RAIL

This project Addendum No. 4 to the RJ Corman Railroad Co. (RJCS) Master Rail Freight Assistance Agreement covers construction improvements to the RJCS corridor. The project will improve six (6) bridges on the RJCS rail corridor. RJCS will be responsible for the construction of the project. The total estimated cost of the project is \$218,000 and the total estimated cost to the Department is \$109,000.

Town of Sandyfield  
Columbus County  
36249.4736  
1000017838

This Project consists of the placement of triple chip seal for pavement preservation on Weyman Road in Columbus County. The Department will perform the work. The Municipality shall reimburse the Department 100% of actual costs. The estimated cost of the Project is \$34,000.

City of Fayetteville  
Cumberland County  
B-4490(L)  
33727.3.2  
1000019024

This Project consists of the installation of landscaping and an irrigation system at the intersection of Bragg Boulevard and Rowan Street. The Department will perform the work. The Municipality shall reimburse the Department 100% of actual costs. The estimated cost of the Project is \$49,031.

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**Division 6, cont.**

Elouise Stephenson (Developer)  
Harnett County  
R-5705B  
46377.3.2  
1000019392

This Project consists of design and construction of a reduced conflict intersection (RCI) in the median of the NC 55 Bypass at approximately -L- Sta 357+00, included with construction of Project R-5705B. At the request of the Developer, additional work will accommodate the proposed entrances and required roadway improvements for a proposed residential development on the east and west side of NC 55 on Parcel 220. The Developer shall reimburse the Department 100% of the cost for the additional work. The estimated reimbursement from the Developer is \$447,415.67.

**Division 7**

Town of Chapel Hill  
Orange County  
7.206811  
11579

This Project consists of installation of a new waterline extension on SR 1742 (Ephesus Church Road) in Orange County that is necessary for the Department to improve storm drainage at that location. The Municipality shall be responsible for all phases of the Project. The Department shall participate in actual costs in an amount not to exceed \$230,166. Costs that exceed this amount shall be borne by the Municipality.

Town of Carrboro  
Orange County  
BL-0044  
49998.3.1  
1000018125

This Project consists of constructing sidewalk and installing pedestrian signals, crosswalks, and refuge islands on NC 54 from Westbrook Drive in Carrboro to west of US 15/US 501/NC 86 (South Columbia Street) interchange in Chapel Hill. The Department will perform the work. The Municipality shall reimburse the Department a maximum amount of \$150,000. The Department will provide the remaining amount and all costs that exceed the estimated cost of the Project. The estimated cost of the Project is \$1,471,088.80

Town of Chapel Hill  
Orange County  
BL-0044  
49998.3.1  
1000018126

This Project consists of constructing sidewalk and installing pedestrian signals, crosswalks, and refuge islands on NC 54 from Westbrook Drive in Carrboro to west of US 15/US 501/NC 86 (South Columbia Street) interchange in Chapel Hill. The Department will perform the work. The Municipality shall reimburse the Department a maximum amount of \$42,500. The Department will provide the remaining amount and all costs that exceed the estimated cost of the Project. The estimated cost of the Project is \$1,471,088.80.

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**Division 7, cont.**

City of Greensboro  
Guilford County  
U-5842  
54042.1.1  
54042.2.2  
54042.3.FD1  
11619

This Project consists of intersection improvements at Pisgah Church Road and Elm Street in Greensboro. The Municipality is responsible for all phases of the Project. The Department will reimburse 80% of eligible costs up to a maximum of \$744,000 with STBGDA Funds. The Municipality shall provide the 20% non-federal match and all costs that exceed the total available funding of \$930,000. This Agreement supersedes the Agreement executed between the Municipality and the Department on 9/12/2016.

**Division 7 and 8**

Central Pines Regional Council  
Chatham, Moore, Lee, and  
Orange Counties  
11589

This Programmatic Agreement identifies the responsibilities of the Commission to coordinate transportation planning in the Central Pines Rural Planning Organization (RPO) area and the Department to provide funding to support staffing and planning efforts by the Commission to perform work in the Planning Work Program (PWP). This agreement is to provide state funding to offset a portion of the non-federal match per NCGS 136-214.

**Division 8**

Moore County Economic  
Development Partnership  
Moore County  
36249.4734  
1000019219

This Project consists of the construction of a 0.30-mile two-lane roadway on new location to serve a new industrial center in Moore County located on NC 211 west of SR 2075 (E. Indiana Avenue) in Aberdeen. Moore County Economic Development Partnership (EDP) will provide funding to the Department to perform the necessary preliminary engineering, permitting, and construction of the new roadway. The Department will perform the work. Once the Project is programmed in the STIP with State funding and meets requirements of GS 136-66.3, the Department will reimburse the EDP all funding received. The estimated cost of the Project is \$1,100,000.



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**Division 9**

City of Salisbury  
Rowan County  
9.1080SM  
9.2080SM  
11595

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

City of Salisbury  
Rowan County  
9.1080SM  
9.2080SM  
11596

This Municipal Operations Agreement (Schedule D) provides for the municipal operation of the computerized traffic control system, including timing plans, 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 Salisbury  
Rowan County  
9.208012  
11594

This Municipal Maintenance Agreement (Traffic Schedule B) provides 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 as per the Agreement.

City of Salisbury  
Rowan County  
9.208012  
11593

This Municipal Maintenance Agreement (Traffic Schedule A) provides for the installation, repair and maintenance of traffic signs and supports by the Municipality 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 as per the Agreement.

City of Winston-Salem  
Forsyth County  
U-2729  
34853.3.3  
1000017885

This Project consists of widening SR 1672 (Hanes Mill Road) to multi-lanes with curb and gutter installation from Museum Drive to SR 4000 (University Parkway). At the request of the Municipality the Department will relocate the water and sewer lines. The Municipality shall reimburse the Department 100% of the actual work. The estimated cost of the Project is \$520,191.84.

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**Division 9, cont.**

True Homes, LLC  
Rowan County  
36249.4727  
1000019115

This Project consists of the installation of a left turn lane at SR 1004 (Stokes Ferry Road) and SR 2126 (Earnhardt Road) in Rowan County. The Department will perform the work. The Developer will provide a lump sum payment of \$364,079 towards the Project. This will be considered the Developer's full amount. The estimated cost of the Project is \$364,079.

Town of Wallburg  
Davidson County  
HL-0061  
50612.1.1  
1000019208

This Project consists of the preliminary engineering for the proposed construction of a center turn lane on NC 109 from Ray Lanning Road to Wallburg Road and traffic signal installation at Motsinger Road and Wallburg Road. The Municipality is responsible for 20% of the actual cost of the work. The estimated cost to the Municipality is \$80,000.00.

City of Winston-Salem  
Forsyth County  
9.203412  
11613

This Municipal Maintenance Agreement (Traffic Schedule A) provides for the installation, repair and maintenance of traffic signs and supports by the Municipality 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 as per the Agreement.

City of Winston-Salem  
Forsyth County  
9.203412  
11614

This Municipal Maintenance Agreement (Traffic Schedule B) provides 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 as per the Agreement.

City of Winston-Salem  
Forsyth County  
9.1034SM  
9.2034SM  
11615

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

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Board of Transportation Agenda – Special and Municipal Agreements

**Division 9, cont.**

City of Winston-Salem  
Forsyth County  
9.1034SM  
9.2034SM  
11616

This Municipal Operations Agreement (Schedule D) provides for the municipal operation of the computerized traffic control system, including timing plans, electric traffic signals and other traffic control devices on the State Highway System Streets located within or near the City of Winston-Salem. The Department shall pay the Municipality an annual approved cost for the traffic control system operation, maintenance, and administrative costs as per the Agreement.

Town of Denton  
Davidson County  
RX-2009A  
RAIL

This Municipal Agreement for Crossing Safety covers the design and construction of highway-rail grade crossing safety improvements consisting of active traffic control warning devices and related roadway safety improvements at First Street at Winston-Salem Railway Company (WSS) tracks (Crossing No. 849955C, MP HTD-26.70). The Department shall be responsible for coordinating with the railroad for the warning device work pursuant to the terms of its Master Agreement. The Municipality shall be responsible for any roadway work pursuant to the terms of this Agreement. Work will be performed by WSS and the Municipality. The total estimated cost to the Department is \$338,940.

City of Winston-Salem  
Forsyth County  
U-6003  
47138.3.1  
1000019011

This Project consists of construction of a two-lane divided facility with bicycle/pedestrian accommodations from SR 1969 (Piney Grove Road) to NC 150 (North Main Street) in Kernersville. At the request of the Municipality, the Department will relocate a water line and sanitary sewer. The Municipality is responsible for 100% of the total cost of said utility work. The revised estimated reimbursement from the Municipality is \$103,079.06. This agenda item supersedes the item approved by the BOT on August 2, 2023.

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**Division 10**

City of Kannapolis  
Cabarrus County  
C-5603F  
43713.1.6  
43713.2.6  
43713.3.6  
11591

This Project consists of constructing of sidewalk along Bethpage Road from South Main Street to Leonard Avenue. This Supplemental Agreement is to increase funding. The Department shall participate in an additional amount not to exceed \$1,985,600 (80%). The Municipality will provide a 20% match of \$496,400 and all costs that exceed the total available funding of \$2,742,000.

City of Charlotte  
Mecklenburg County  
U-5907  
46452.3.1  
1000019072

This Project consists of the construction of the roadway called the Potts-Sloan-Betty Connector. At the request of the Municipality the Department shall construct water and sewer lines. The Municipality is responsible for 100% of total actual costs. The estimated cost of the Project is \$2,200,000.

Town of Huntersville  
Mecklenburg County  
U-5908  
46453.2.1  
46453.3.1  
11600

This Project consists of construction of upgrades to Main Street from Mt Holly-Huntersville Road to Ramah Church Road. This supplemental agreement is to increase funding. The Department shall participate in an additional amount not to exceed \$1,317,600 (80%) for ROW and \$1,827,000 (60%) for CON. The Municipality will provide the match of \$329,400 for ROW and \$1,218,000 for CON. .

Town of Huntersville  
Mecklenburg County  
U-5108  
42370.3.3  
1000019182

This Project consists of a construction of a new road from the end of Northcross Drive to Westmoreland Road. At the request of the Municipality, the Department will construct a left turn lane on Northcross Drive at the driveway to Parcel 10 (PID 00505203). The Municipality shall provide a maximum amount of \$235,374. The Department will provide all costs that exceed the estimated cost of the Project. The estimated cost of the Project is \$235,374.

Town of Huntersville  
Mecklenburg County  
U-5108  
42370.3.3  
1000018899

This Project consists of a construction of a new road from the end of Northcross Drive to Westmoreland Road. At the request of the Municipality, the Department will construct a sidewalk along Northcross Drive from Forest Shadow Circle to the municipal limits of the Town of Huntersville. The Municipality shall provide 40% of actual costs. The Department will provide 60% of actual costs. The estimated cost of the additional work is \$27,170.

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**Division 10, cont.**

City of Charlotte  
Mecklenburg County  
U-5873  
46425.3.1  
1000019071

This Project consists of an intersection improvement at NC 115 and Potts Street. At the request of the Municipality the Department shall construct water and sewer lines. The Municipality is responsible for 100% of total actual costs. The estimated cost of the Project is \$2,200,000.

City of Charlotte  
Mecklenburg County  
50776  
11605

This Project consists of constructing a pedestrian crossing, install pedestrian signal and modify existing traffic signal at the intersection of US 21 (Sunset Road) and Milhaven Lane. The Municipality is responsible for all phases of the Project, including maintenance upon completion. The Department will review the work and reimburse up to \$86,500 towards the project. All costs that exceed that amount shall be borne by the Municipality.

Town of Waxhaw  
Union County  
EB-5819  
44839.1.1  
44839.3.1  
11617

This Project consists of the design and construction of pedestrian and bicycle facility enhancements to include bike parking, bike shelters, bike lockers, HAWK signals, sidewalk, pedestrian crossing beacons, and other improvements. This Supplemental Agreement is to increase funding and extend the completion date. The Department shall participate in an additional amount not to exceed \$392,367 (50%). The Municipality will provide a 50% match of \$392,367 and all costs that exceed the new total available funding of \$2,013,884. The new completion date is January 31, 2024.

City of Charlotte  
Mecklenburg County  
BL-0084  
50811.3.1  
12628

This Project consists of construction of sidewalk on Albemarle Rd from Redman Rd to Central Ave and on Wilora Lake Rd from Albemarle to 100' north of Barr Dr; installation of three (3) pedestrian hybrid beacons; and relocation of two (2) bus stops. The Municipality is responsible for all phases of the Project. The Department will reimburse 55% of eligible costs up to a maximum of \$1,755,600 with TADA Funds. The Municipality shall provide the 45% non-federal match and all costs that exceed the total available funding of \$3,192,000.

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**Division 10, cont.**

Norfolk Southern Railway Co.  
(NSR)  
Cabarrus County  
M-0549E  
49495  
RAIL

This Crossing Improvement Construction Reimbursement Agreement provides for NSR's cost reimbursement for crossing improvement and sidewalk additions at the at-grade crossing of (SR 1304 - Roberta Rd, Crossing 736 256N, MP 360.85). This crossing improvement is necessary for a development by Pulte Home Company, LLC. All Department costs for NSR's construction work will be reimbursed at 100% by the Developer, Pulte Home Company. There will be no cost to the Department for this Agreement.

Town of Davidson  
Mecklenburg County  
EB-5933  
47698.1.1  
47698.3.1  
11618

This Project consists of construction of the Kincaid Multi-Use Trail. This supplemental agreement is to reimburse an additional amount not to exceed \$702,000 (80%) with STBGDA Funds. The Municipality shall provide the 20% non-federal match of \$175,500 and all costs that exceed the new total available funding of \$1,096,250.

**Division 12**

Town of Mooresville  
Iredell County  
BL-0056  
50355.1.1  
50355.2.1  
50355.3.1  
12640

This Project consists of the construction of sidewalks at various locations in Mooresville to provide safe connections to and from schools and school programs. The Municipality is responsible for all phases of the project. The Department will reimburse 75% of eligible costs up to \$1,979,000. The Municipality shall provide a 25% non-federal match and all costs that exceed the total available funding of \$2,638,667.

**Division 13**

Watco Companies, L.L.C. d/b/a  
Blue Ridge Southern Railroad,  
L.L.C. (Railroad)  
Buncombe County  
I-2513AA/AB  
34165.3.6  
RAIL

This Grade Separation Construction and Maintenance Agreement covers the construction of an off-ramp of I-40 Westbound (Andrew Jackson Highway) to US 23/19 Northbound (Smokey Park Highway), which includes construction of roadway, drainage, retaining walls, and structure, over the Blue Ridge Southern rail line at MP T-4.77. The Department shall be responsible for construction of the project and the Railroad shall be responsible for flagging. The total estimated cost to the Department is \$29,700,000.

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**Division 14**

Clay County  
R-5863  
47516.3.1  
1000018183

This Project consists of road improvements along US 64 Business from SR 1307 (Main Street) to US 64, approximately 1.2 miles in Clay County. At the request of the County, the Department will install 1,400 LF of sidewalk from US 64 to the Town of Hayesville limits. The County shall provide 10% of total actual cost of the Project. The estimated cost of the Project is \$37,138.89.

City of Hendersonville  
Henderson County  
U-5886  
44710.1.1  
1000019090

This Project consists of realigning and extending the roadway on SR 1170 (White Street) from SR 1171 (Willow Road) to US 176 (Spartanburg Highway). At the request of the Municipality, the Department will perform the preliminary engineering and design work. The Municipality shall reimburse the Department for 100% of the total actual cost of work. The estimated cost of the Project is \$65,467.06.

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SUMMARY: There are a total of 39 agreements for informational purposes only.

**Division 2**

Village of Simpson  
Pitt County  
12620

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 Local Government shall remove and dispose of disaster related debris on all released State Routes. The Local Government shall apply directly to FEMA for reimbursement of eligible debris removal costs.

Town of Grifton  
Pitt County  
12621

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 Local Government shall remove and dispose of disaster related debris on all released State Routes. The Local Government shall apply directly to FEMA for reimbursement of eligible debris removal costs.

Greene County  
12622

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

Lenoir County  
12623

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

Town of Cedar Point  
Carteret County  
12619

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 Local Government shall remove and dispose of disaster related debris on all released State Routes. The Local Government shall apply directly to FEMA for reimbursement of eligible debris removal costs.

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**Division 2, cont.**

Town of Pine Knoll Shores  
Carteret County  
12624

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 Local Government shall remove and dispose of disaster related debris on all released State Routes. The Local Government shall apply directly to FEMA for reimbursement of eligible debris removal costs.

Town of Beaufort  
Carteret County  
12626

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 Local Government shall remove and dispose of disaster related debris on all released State Routes. The Local Government shall apply directly to FEMA for reimbursement of eligible debris removal costs.

Town of Bath  
Beaufort County  
12631

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 Local Government shall remove and dispose of disaster related debris on all released State Routes. The Local Government shall apply directly to FEMA for reimbursement of eligible debris removal costs.

Town of Oriental  
Pamlico County  
12630

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 Local Government shall remove and dispose of disaster related debris on all released State Routes. The Local Government shall apply directly to FEMA for reimbursement of eligible debris removal costs.

Town of Walstonburg  
Greene County  
12629

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 Local Government shall remove and dispose of disaster related debris on all released State Routes. The Local Government shall apply directly to FEMA for reimbursement of eligible debris removal costs.

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**Division 2, cont.**

Town of Vandemere  
Pamlico County  
12635

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 Local Government shall remove and dispose of disaster related debris on all released State Routes. The Local Government shall apply directly to FEMA for reimbursement of eligible debris removal costs.

City of Kinston  
Lenoir County  
12637

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 Local Government shall remove and dispose of disaster related debris on all released State Routes. The Local Government shall apply directly to FEMA for reimbursement of eligible debris removal costs.

Town of Emerald Isle  
Carteret County  
2RE.101615  
11447

This Project consists of the Municipality performing or providing routine and/or clean up mowing of the State maintained roadways within the corporate limits of the Municipality. The Municipality shall provide the equipment, labor, materials, and traffic controls to perform the mowing. The Department shall participate in the cost of the work in an amount not to exceed \$7,703.94.

**Division 3**

Town of Shallotte  
Brunswick County  
11611

This Project consists of providing maintenance of the adaptive signal system within the town of Shallotte. The Municipality shall provide routine maintenance of the signal system.

Berkely Bay LLC  
Brunswick County  
36249.4738  
1000019307

This Project consists of a signal review and inspection for signal modifications at NC 211 (Southport-Supply Road) and SR 1114 (Zion Hill Road)/SR 1504 (Old Lennon Road) related to the Berkely Bay (Old Lennon Road) development. The Developer shall reimburse the Department 100% of the cost of the Department's review and inspection of the signals. The estimated reimbursement is \$5,000.

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**Division 3, cont.**

The Proximity CB, LLC  
New Hanover County  
36249.4685  
1000018515

This Project consists of a signal review and inspection for signal installation at US 421 (N. Lake Park Blvd) and Winner Ave (non-system) and signal coordination work required along US 421 to be performed by the Department related to the Carolina Beach Proximity development. The Developer shall reimburse the Department 100% of the cost of the Department's review and inspection of the signals. The estimated reimbursement is \$5,000.

Town of Carolina Shores  
Brunswick County  
12634

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 Local Government shall remove and dispose of disaster related debris on all released State Routes. The Local Government shall apply directly to FEMA for reimbursement of eligible debris removal costs.

City of Clinton  
Sampson County  
3RE.108215  
3RE.208215  
12639

This Agreement is to provide "routine" and/or "clean up" mowing of the State maintained roadways within the corporate limits of the Municipality. The Municipality shall provide the equipment, labor, materials, and traffic controls to perform the mowing. The Department shall pay the Municipality up to \$13,724.24.

Town of Wrightsville Beach  
New Hanover County  
12633

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 Local Government shall remove and dispose of disaster related debris on all released State Routes. The Local Government shall apply directly to FEMA for reimbursement of eligible debris removal costs.

Town of Ocean Isle Beach  
Brunswick County  
12636

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 Local Government shall remove and dispose of disaster related debris on all released State Routes. The Local Government shall apply directly to FEMA for reimbursement of eligible debris removal costs.

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**Division 4**

Town of Lucama  
Wilson County  
12627

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 Local Government shall remove and dispose of disaster related debris on all released State Routes. The Local Government shall apply directly to FEMA for reimbursement of eligible debris removal costs.

City of Roanoke Rapids  
Halifax County  
4BPR.10421  
11587

This Agreement is to provide “routine” and/or “clean up” mowing of the State maintained roadways within the corporate limits of the Municipality. The Municipality shall provide the equipment, labor, materials, and traffic controls to perform the mowing. The Department shall pay the Municipality up to \$800 per month.

**Division 5**

Commercial Properties, Inc.  
Wake County  
36249.4724  
1000019102

This Project consists of restriping the existing southbound striped median to a dedicated left turn lane, adding a northbound dedicated right turn lane, adding a fourth leg to the intersection for the Food Lion store, and installing a traffic signal at the intersection of Jones Dairy Road and Friendship Chapel Road / Site Drive 1. The Developer shall reimburse the Department 100% of the cost of the Department’s review and inspection of the signals. The estimated reimbursement is \$5,000.

Arrowrock IV Long Mill, LLC  
Wake County  
36249.4725  
1000019103

This Project consists of construction of a northbound right-turn lane at the intersection of NC-96 / SR-1134 (Long Mill Road) – 05-2377. The Developer shall reimburse the Department 100% of the cost of the Department’s review and inspection of the signals. The estimated reimbursement is \$5,000.

Oppidan, Inc.  
Wake County  
36249.4726  
1000019104

This Project consists of an update to the existing signal at Ten Ten Rd and Reliance Ave (05-1926) to accommodate new roadway geometrics for Apex Commerce Center development. The Developer shall reimburse the Department 100% of the cost of the Department’s review and inspection of the signals. The estimated reimbursement is \$5,000.

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**Division 5, cont.**

KB Home Raleigh-Durham, Inc.  
Durham County  
36249.4723  
1000019105

This Project consists of installation of a new traffic signal at the intersection of Leesville Rd (SR 1795) and Andrews Chapel Rd. The Developer shall reimburse the Department 100% of the cost of the Department's review and inspection of the signals. The estimated reimbursement is \$5,000.

Charter Development Company  
LLC  
Durham County  
36249.4729  
1000019138

This Project consists of a traffic signal upgrade (or installation) at the intersection at East Geer St (SR 1670) at East Club Blvd/Ferrell Rd (SR 1671) SIN 05-0415. The Developer shall reimburse the Department 100% of the cost of the Department's review and inspection of the signals. The estimated reimbursement is \$5,000.

Pulte Home Company, LLC  
Durham County  
36249.4728  
1000019137

This Project consists of a traffic signal upgrade (or installation) at the intersection at Olive Branch Road (SR 1905) at Doc Nichols Road (SR 1908). The Developer shall reimburse the Department 100% of the cost of the Department's review and inspection of the signals. The estimated reimbursement is \$10,000.

**Division 8**

Mountaineer Farms, Inc.  
Chatham County  
36249.4691  
1000018742

This project consists of installation of a new signal at the intersection of US 64 and SR 1107 (E. Third Street) in Siler City. 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 total reimbursement is \$6,000.

City of Sanford and Lee County  
Lee County  
U-5709

This Memorandum of Agreement allows the City to transfer four (4) parcels of park land to Lee County to offset park land that will be taken by NCDOT due to the construction of U-5709 and to satisfy requirements of 6(f).

City of Sanford  
Lee County  
8.105315  
8.205315  
11597

This Agreement is to provide "routine" and/or "clean up" mowing of the State maintained roadways within the corporate limits of the Municipality. The Municipality shall provide the equipment, labor, materials, and traffic controls to perform the mowing. The Department shall pay the Municipality up to \$38,796.36.

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**Division 9**

City of Winston-Salem  
Forsyth County  
11609

This Agreement provides for inspection and maintenance of a culvert under NC 67 in Forsyth County as outlined in the National Bridge Inspection Standards. The Municipality will own and maintain the culvert, provide periodic inspections by qualified personnel, and maintain a history of inspections for review by the Department or FHWA.

Davie County  
36249.4737  
1000019284

This project consists of changing out the two (2) "Welcome To" signs located on I-40 to show the updated County Seal and to add a supplemental panel to read "2023 Awarded All – America County" in Davie County. The County shall reimburse the Department 100% of the actual cost of the Department's work. The estimated reimbursement is \$8,000.

Allegacy Federal Credit Union  
Stadium  
Forsyth County  
36249.4735  
1000019302

This project consists of changing out the Truist Field directional signs (7 locations) to Allegacy Stadium. The Developer shall reimburse the Department 100% of the actual cost of the Department's work. The estimated reimbursement is \$15,000.

**Division 10**

Town of Huntersville  
Mecklenburg County  
12625

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 Local Government shall remove and dispose of disaster related debris on all released State Routes. The Local Government shall apply directly to FEMA for reimbursement of eligible debris removal costs.

City of Charlotte  
Mecklenburg County  
SS-4910DQ  
48763.1.1  
48763.2.1  
48763.3.1  
11592

This Project consists of relocating the bus shelter and the installation of a pedestrian hybrid beacon (PHB) at SR 1009 (Monroe Road) at Ashmore Drive in Charlotte. This Supplemental Agreement allows the Municipality additional time to complete the Project. The new completion date of the Project is January 1, 2025 in lieu of June 17, 2023.

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**Division 12**

Crowders Creek Holdings, LLC  
Gaston County  
36249.4739  
1000019324

This Project consists of modifying signal 12-1124 & 12-0157 at US 29-74 and SR 1135 (Shannon Bradley Road) and US 29-74 and SR 1307 (Edgewood 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 total reimbursement is \$7,5000.

MCP Northglenn, LLC  
Gaston County  
36249.4733  
1000019165

This project consists of modifying an existing signal (12-0922) to accommodate a right turn lane at the intersection of US 321 and Tulip Drive & Bulb Drive in Gaston 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 total reimbursement is \$5,000.

**Division 13**

City of Morganton  
Burke County  
12632

This Agreement provides for the serving of food and beverages on property within or adjacent to State right of way under legislation enacted by the North Carolina General Assembly. The Municipality shall administer a sidewalk dining ordinance and issue approval of permits allowing sidewalk dining in State right of way under the conditions and criteria required by the law.

## NCDOT September 2023 Board of Transportation Agenda Municipal Street System Changes for the Powell Bill Program

### Deletions from the State Highway System

Division	County	Municipality	Road	Termini	Length
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13	Rutherford	Spindale	SR 1593; Steward Street	From SR 1546 (Spindale Street) to US-74 Business (East Main Street)	0.12
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File Name: RUTHERFORD\_2023\_09\_M001

5	Wake	Raleigh	SR 3566, Otters Run Court	From 0.09 miles north east of Atlantic Avenue to end of cul-de-sac (This section is currently maintained by the city of Raleigh this is a formal transfer from NCDOT to the city of Raleigh)	0.05
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File Name: WAKE\_2023\_09\_M001

5	Wake	Wake Forest	SR 5163; South Franklin Street	From SR 2052 (Rogers Road) to Artisan Park Drive	0.66
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File Name: WAKE\_2023\_09\_M002

Total Miles = 0.83

### Addition to the State Highway System

Division	County	Municipality	Road	Termini	Length
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2	Greene	Snow Hill	Pine Shoal Drive	From US 13 (Kingold Boulevard) for 0.08 miles	0.08
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File Name: GREENE\_2023\_09\_M001

Total Miles = 0.08

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### Correction to the State Highway System

Division	County	Municipality	Road	Termini	Corrected Length
7	Guilford	High Point	SR 1193; Triangle Lake Road	"(Correction to the original abandonment length of 1.00)	1.01

File Name: GUILFORD\_2023\_07\_M001

Total Miles = 1.01

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<u>No.</u>		<u>Page No.</u>
1	Preliminary Right of Way Plans	R-1
2	Final Right of Way Plans	R-2 – R3
3	Final Right of Way Plans Revisions	R-4
4	Conveyance ROW Residue by Real Estate Agent and/or Auctioneer	R-5 – R9
5	Approval of Conveyance of Highway Right of Way Residues by Division	R-10 – R-11
6	Approval of Revision in Control of Access	R-12
7	Approval of Advance Acquisition of Highway Right of Way – Approval of settlement	R- 13

**Preliminary Right of Way Plans**

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

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

The rights of way for the location, construction, relocation, and control of access of highways embraced in the below projects shall be as shown in detail on the preliminary right of ways plans and drawings for said projects on file in the Right of Way 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 1)**

**Currituck County; I.D. No. Currituck County Rest Area; Project No. 15RE.19.2:**  
Purchase property at Barco for the future relocation of the Currituck County Rest Area

**Northampton County; I.D. No. BP1-R023; Project No. BP1.R023.2:**  
Replacement of Northampton 14 on SR 1500 over Wiccacanee Swamp

**Northampton County; I.D. No. PB1-R017; Project No. BP1.R017.2:**  
Replace Northampton Bridge #53 on SR 1312 over Occoneechee Creek.

**(Division 4)**

**Johnston County; I.D. No. 80072; Project No. 80072:**  
Guy Road at Winston Road. Upgrade intersection.

**(Division 5)**

**Wake County; I.D. No. HL-0008F; Project No. 49367.2.24:**  
Intersection Improvements at Old Stage and Ten Ten Roads

**(Division 9)**

**Stokes County; I.D. No. BR-0102; Project No. 67102.2.1:**  
Bridge 840037 over Big Creek on NC 268

**(Division 13)**

**Buncombe County; I.D. No. BR-0067; Project No. 67067.2.1:**  
Replace bridge 100086 on NC 151 over Stony Fork Creek

**PRELIMINARY RIGHT OF WAY PLANS                                  6 PROJECT(S)                                  \$ 0.00**

**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 provided 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 public use and are necessary for construction. The sections of roads which were shown on the preliminary plans as sections of roads to be abandoned are hereby abandoned and removed from the State Highway System for Maintenance upon the completion and acceptance of the project.

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

**(Division 4)****Project No. 44989.2.1; Johnston County; I.D. No. I-5972:**

I-95 & US 70 Business, E. Market St., exit 95 interchange from Outlet Center Dr. to west of Yelverton Grove Rd.

Grading, drainage, paving, bridge, signal & signing. This is a controlled access project with access being limited to interchanges. 0.667 miles total length.

**(Division 8)****Project No. 50623.2.1; Chatham County; I.D. No. HE-0011:**

Cam Site Roadway Improvements.

Grading, paving & drainage. This is a full control of access project. 0.400 miles total length.

**(Division 10)****Project No. 50146.2.1; Mecklenburg County; I.D. No. C-5621:**

Dual roundabouts north and south of SR 5544 Catawba Ave. and US 21 intersection.

Grading, drainage, paving & signals. This is a control of access project. 0.177 miles total length.

**(Division 12)****Project No. 34554.2.4; Iredell County; I.D. No. R-3833C**

SR 1100 Brawley School Rd from SR 1116 Talbert Rd. to 1000' east of US 21.

Grading, paving & widening. 1.118 miles total length.

**(Division 14)****Project No. 80047; Clay County; I.D. No. DN-00682:**

Beginning at intersection of SR 1353 E. Vineyard Rd/old Hwy 64 E & SR 1169 Eagle Fork Rd. and ending at intersection of SR 1353 and US 64.

Grading, drainage, paving, gabion basket wall & guardrail. 0.830 miles total length.

**Project No. 14SP.20221.3; Clay County; I.D. No. DN-00126:**

Bridge # 101 over Shooting Creek on SR 1353 Old US 64.

Grading, drainage, paving & structures. 0.118 miles total length.

**Final Right of Way Plans-continued**

**(Division 14)-continued**

**Project No. 14SP.20221.1/17SP20221.2; Clay County; I.D. No. DN-00124/DN-00125:**  
 Bridge # 86 & 87 over Hyatt mill Creek on SR 1140 Myers Chapel Rd.  
 Grading, drainage, paving, retaining wall & culverts. 0.218 miles total length.

**Project No. 17BP.14.R.38; Clay County; I.D. No. DN-00171:**  
 Bridge # 78 over Greasy Creek on SR 1318 Old US 64  
 Grading, drainage, paving, culverts & traffic control. 0.060 miles total length.

**Project No. 17BP.14.R.88; Clay County; I.D. No. DN-00613:**  
 Bridge # 76 over Peckerwood Branch on SR 1326 Tusquittee Creek Rd. 0.28 miles SW  
 of S 1326 intersecting SR 1325 Downing Creek Rd.  
 Grading, drainage, paving, & culverts. 0.049 miles total length.

**Project No. 17BP.14.R.169; Clay County; I.D. No. DN-00488:**  
 Bridge # 99 over Vineyard Creek on SR 1168 Old Vineyard Rd.  
 Grading, drainage, widening, paving, structures 7 pavement markings. 0.095 miles total  
 length.

**Project No. 38506.2.1; Clay County; I.D. No. B-4733:**  
 Bridge # 11 over Chatuge Lake on NC 175  
 Grading, drainage, paving, & structure. 0.223 miles total length.

**Project No. 45360.2.5; Clay County; I.D. No. BD-5114E:**  
 Bridge # 7 over Fires Creek on SR 1300 Fires Creek Rd.  
 Grading, drainage, paving, & structure. 0.087 miles total length.

**Project No. 45360.2.6; Clay County; I.D. No. BD-5114F:**  
 Bridge # 2 over Crawford Creek on SR 1112 Young Harris Rd.  
 Grading, drainage, paving, & structure. 0.062 miles total length.

**Project No. 8.3064124/6.921002; Clay County; I.D. No. R-2703/A-0011BA:**  
 US 64 Bypass south of Hayesville from SR 1100 Old Hwy 64 W to east of the Hiwassee  
 River.  
 Grading, drainage, paving, signals & structure. 1.835 miles total length.

**Project No. 17BP.14.R.115; Macon County; I.D. No. DN-00281:**  
 Bridge # 29 over White Oak Creek on SR 1475 White Oak Ln.  
 Grading, drainage, paving, & structure. 0.098 miles total length.

**FINAL RIGHT OF WAY PLANS**

**17 PROJECT(S)**

**\$ 0.00**

**Revisions of the Final Right of Way Plans**

Right of way acquisition in accordance with the final right of way plans for the following projects has been determined to be necessary and authorized by the Board. Plans are on file at the Office of the Secretary to the Board of Transportation as an addendum to the minutes of the meetings hereinafter indicated.

Certain changes in right of way, construction and drainage easements, and control of access have been necessitated by alterations in the construction plans of these projects. Amended plan sheets for these projects have been prepared which provide for changes of certain right of way areas, construction and drainage easements and control of access.

The Board finds that the revised areas of right of way, construction and drainage easements and control of access, as shown on the amended plan sheets hereinafter set out, are for a public purpose and are necessary for the construction of projects.

The right of way, construction and drainage easements and control of access are hereby revised as shown on the plan sheets incorporated herein as an addendum, said projects, date of original final approval, and revised right of way, easements and access being as follows:

**(Division 6)**

**Project No. 46377.2.1; I.D. No. R-5705A; Harnett County:**

Final Right of Way plans approved on the minutes of the August 3, 2023, Board of Transportation Meeting. Revised consist of adding temporary easement (TCE) around the driveway for parcel 068 for condemnation mapping as presented at the Board of Transportation Meeting.

**(Division 7)**

**Project No. 34900.2.4; I.D. No. U-3109B; Alamance County:**

Final Right of Way plans approved on the minutes of the June 28, 2018, Board of Transportation Meeting. Revised consist of right of way, control of access and fencing from -L- Sta. 230+29.14 to 236+68.19, parcel 2 on plan sheets 6 & 7 as presented at the Board of Transportation Meeting.

**REVISIONS TO FINAL RIGHT OF WAY PLANS 2 PROJECT(S)**

**\$ 0.00**

**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 6)**

**Project U-2520, Parcel 023, SR-1400 (Cliffdale Road) From US-401 to West of SR-1403 (Reilly Road)**

**Cumberland County**

Conveyance of an approximate 0.140-acre area comprised of one (1) B-class residue, having a value of \$2,500.00 to **Justen Ryann White** for the highest offer amount of **\$4,902.00**; no additional fees required. This residue was acquired for \$99,210.00 in 2000.

**(Division 7)**

**Project 041SR1584, Parcel 000, Fairfax Road**

**Guilford County**

Conveyance of an approximate 0.120-acre area comprised of one (1) B-class residue, having a value of \$4,000.00 to **Leslie Annette Harrison** for the highest offer amount of **\$3,600.00**; no additional fees required. This residue was acquired for \$10.00 in 1955.

**Project U-3615B, Parcel 074, SR-1820 (Skeet Club Road) From East of SR-1818 (Johnson Street) to West of NC-68 (East Chester Drive) in High Point**

**Guilford County**

Conveyance of an approximate 0.220-acre area comprised of one (1) B-class residue, having a value of \$8,000.00 to **Sherwood HOA, Inc.** for the highest offer amount of **\$7,200.00**; no additional fees required. This residue was acquired for \$8,000.00 in 2005.

**Project U-3615B, Parcel 109, SR-1820 (Skeet Club Road) From East of SR-1818 (Johnson Street) to West of NC-68 (East Chester Drive) in High Point**

**Guilford County**

Conveyance of an approximate 0.837-acre area comprised of one (1) A-class residue, having a value of \$55,000.00 to **IA1 Properties LLC** for the highest offer amount of **\$49,500.00**; no additional fees required. This residue was acquired for \$95,700.00 in 2010.

**Project U-3615B, Parcel 903, SR-1820 (Skeet Club Road) From East of SR-1818 (Johnson Street) to West of NC-68 (East Chester Drive) in High Point**

**Guilford County**

Conveyance of an approximate 0.291-acre area comprised of one (1) A-class residue, having a value of \$41,000.00 to **IA1 Properties LLC** for the highest offer amount of **\$36,900.00**; no additional fees required. This residue was acquired for \$182,000.00 in 2004.

**Approval of conveyance of Highway Right of Way Residues by Real Estate Agent and/or****Auctioneer- continued****(Division 7)-continued****Project U-3615B, Parcel 909, SR-1820 (Skeet Club Road) From East of SR-1818 (Johnson Street) to West of NC-68 (East Chester Drive) in High Point  
Guilford County**

Conveyance of an approximate 0.198-acre area comprised of one (1) B-class residue, having a value of \$8,500.00 to **Albert M. and Elizabeth J. Fernando** for the highest offer amount of **\$7,650.00**; no additional fees required. This residue was acquired for \$95,700.00 in 2004.

**Project U-3615B, Parcel 911, SR-1820 (Skeet Club Road) From East of SR-1818 (Johnson Street) to West of NC-68 (East Chester Drive) in High Point  
Guilford County**

Conveyance of an approximate 0.208-acre area comprised of one (1) B-class residue, having a value of \$7,500.00 to **Sherwood HOA, Inc.** for the highest offer amount of **\$6,750.00**; no additional fees required. This residue was acquired for \$218,000.00 in 2015.

**(Division 9)****Project U-2579B, Parcel 038, Winston-Salem Northern Beltway (Eastern Section, Future I-74) From US-158 to I-40 Business / US-421  
Forsyth County**

Conveyance of an approximate 0.901-acre area comprised of one (1) C-class residue, having a value of \$1,800.00 to **Oshante Tagun Fynn-Frazier** for the highest offer amount of **\$1,800.00**; no additional fees required. This residue was acquired for \$3,875.00 in 2014.

**Project U-2579B, Parcel 053, Winston-Salem Northern Beltway (Eastern Section, Future I-74) From US-158 to I-40 Business / US-421  
Forsyth County**

Conveyance of an approximate 0.070-acre area comprised of one (1) C-class residue, having a value of \$250.00 to **Oshante Tagun Fynn-Frazier** for the highest offer amount of **\$4,962.00**; no additional fees required. This residue was acquired for \$500.00 in 2013.

**Project U-2579B, Parcel 058, Winston-Salem Northern Beltway (Eastern Section, Future I-74) From US-158 to I-40 Business / US-421  
Forsyth County**

Conveyance of an approximate 0.001-acre area comprised of one (1) C-class residue, having a value of \$5.00 to **Richard Hall** for the highest offer amount of **\$5.00**; no additional fees required. This residue was acquired for \$20.00 in 2014.

**Project U-2579B, Parcel 059, Winston-Salem Northern Beltway (Eastern Section, Future I-74) From US-158 to I-40 Business / US-421  
Forsyth County**

Conveyance of an approximate 0.363-acre area comprised of one (1) C-class residue, having a value of \$850.00 to **Richard Hall** for the highest offer amount of **\$850.00**; no additional fees required. This residue was acquired for \$800.00 in 2014.



**Approval of conveyance of Highway Right of Way Residues by Real Estate Agent and/or****Auctioneer- continued****(Division 9)-continued****Project U-2579B, Parcel 061, Winston-Salem Northern Beltway (Eastern Section, Future I-74) From US-158 to I-40 Business / US-421****Forsyth County**

Conveyance of an approximate 0.160-acre area comprised of one (1) C-class residue, having a value of \$500.00 to **TJ John Vlahos** for the highest offer amount of **\$860.00**; no additional fees required. This residue was acquired for \$325.00 in 2013.

**Project U-2579B, Parcel 062, Winston-Salem Northern Beltway (Eastern Section, Future I-74) From US-158 to I-40 Business / US-421****Forsyth County**

Conveyance of an approximate 0.551-acre area comprised of one (1) C-class residue, having a value of \$2,400.00 to **Richard Hall** for the highest offer amount of **\$2,400.00**; no additional fees required. This residue was acquired for \$1,200.00 in 2016.

**Project U-2579B, Parcel 065, Winston-Salem Northern Beltway (Eastern Section, Future I-74) From US-158 to I-40 Business / US-421****Forsyth County**

Conveyance of an approximate 0.060-acre area comprised of one (1) C-class residue, having a value of \$200.00 to **Richard Hall** for the highest offer amount of **\$322.00**; no additional fees required. This residue was acquired for \$100.00 in 2014.

**Project U-2579B, Parcel 065, Winston-Salem Northern Beltway (Eastern Section, Future I-74) From US-158 to I-40 Business / US-421****Forsyth County**

Conveyance of an approximate 0.570-acre area comprised of one (1) B-class residue, having a value of \$3,500.00 to **Richard Hall** for the highest offer amount of **\$3,500.00**; no additional fees required. This residue was acquired for \$500.00 in 2014.

**Project U-2579B, Parcel 065, Winston-Salem Northern Beltway (Eastern Section, Future I-74) From US-158 to I-40 Business / US-421****Forsyth County**

Conveyance of an approximate 0.190-acre area comprised of one (1) B-class residue, having a value of \$1,100.00 to **Richard Hall** for the highest offer amount of **\$4,082.00**; no additional fees required. This residue was acquired for \$2,000.00 in 2014.

**Project U-2579B, Parcel 076, Winston-Salem Northern Beltway (Eastern Section, Future I-74) From US-158 to I-40 Business / US-421****Forsyth County**

Conveyance of an approximate 0.582-acre area comprised of one (1) A-class residue, having a value of \$20,000.00 to **Damien Shell and Tamyka Darden** for the highest offer amount of **\$20,000.00**; no additional fees required. This residue was acquired for \$3,800.00 in 2013.

**Approval of conveyance of Highway Right of Way Residues by Real Estate Agent and/or****Auctioneer- continued****(Division 9)-continued****Project U-2579B, Parcel 098C, Winston-Salem Northern Beltway (Eastern Section, Future I-74) From US-158 to I-40 Business / US-421****Forsyth County**

Conveyance of an approximate 0.620-acre area comprised of one (1) B-class residue, having a value of \$2,500.00 to **Rodolfo Ramirez Nava** for the highest offer amount of **\$2,757.00**; no additional fees required. This residue was acquired for \$1,225.00 in 2014.

**Project U-2579B, Parcel 207, Winston-Salem Northern Beltway (Eastern Section, Future I-74) From US-158 to I-40 Business / US-421****Forsyth County**

Conveyance of an approximate 1.900-acre area comprised of one (1) B-class residue, having a value of \$7,600.00 to **Kripalu Abodes, LLC** for the highest offer amount of **\$7,600.00**; no additional fees required. This residue was acquired for \$5,698.00 in 2014.

**Project U-4909, Parcel 048, Winston-Salem SR-2643 (Union Cross Road) From SR-2691 (Wallburg Road) to SR-2632 (Sedge Garden Parkway)****Forsyth County**

Conveyance of an approximate 0.200-acre area comprised of one (1) A-class residue, having a value of \$10,399.00 to **Kripalu Abodes, LLC** for the highest offer amount of **\$14,041.00**; no additional fees required. This residue was acquired for \$1,075.00 in 2010.

**Project U-4909, Parcel 049, Winston-Salem SR-2643 (Union Cross Road) From SR-2691 (Wallburg Road) to SR-2632 (Sedge Garden Parkway)****Forsyth County**

Conveyance of an approximate 0.210-acre area comprised of one (1) A-class residue, having a value of \$7,487.00 to **Kripalu Abodes, LLC** for the highest offer amount of **\$9,103.00**; no additional fees required. This residue was acquired for \$775.00 in 2009.

**Project U-4909, Parcel 050, Winston-Salem SR-2643 (Union Cross Road) From SR-2691 (Wallburg Road) to SR-2632 (Sedge Garden Parkway)****Forsyth County**

Conveyance of an approximate 0.250-acre area comprised of one (1) B-class residue, having a value of \$10,815.00 to **Kripalu Abodes, LLC** for the highest offer amount of **\$10,815.00**; no additional fees required. This residue was acquired for \$2,450.00 in 2010.

**Project U-4909, Parcel 051Z, Winston-Salem SR-2643 (Union Cross Road) From SR-2691 (Wallburg Road) to SR-2632 (Sedge Garden Parkway)****Forsyth County**

Conveyance of an approximate 0.360-acre area comprised of one (1) A-class residue, having a value of \$14,559.00 to **Kripalu Abodes, LLC** for the highest offer amount of **\$14,559.00**; no additional fees required. This residue was acquired for \$1,800.00 in 2011.

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

**Auctioneer- continued**

**(Division 9)-continued**

**Project U-4909, Parcel 060, Winston-Salem SR-2643 (Union Cross Road) From SR-2691 (Wallburg Road) to SR-2632 (Sedge Garden Parkway)**

**Forsyth County**

Conveyance of an approximate 0.350-acre area comprised of one (1) A-class residue, having a value of \$14,559.00 to **Bashar Massad** for the highest offer amount of **\$17,669.00**; no additional fees required. This residue was acquired for \$1,800.00 in 2010.

**(Division 14)**

**Project R-4733, Parcel 004, US-74/23 at Balsam Gap Near Jackson County Line and US-74/23 Bypass in Waynesville East of SR-1117**

**Haywood County**

Conveyance of an approximate 0.210-acre area comprised of one (1) B-class residue, having a value of \$1,600.00 to **Charles H. Burgin Trust** for the highest offer amount of **\$1,600.00**; no additional fees required. This residue was acquired for \$850.00 in 2005.

**Project U-5105, Parcel 022, Hendersonville US-25/SR-1164 (Erkwood Drive) / SR-1779 (Shepherd Street) Intersection Improvements**

**Henderson County**

Conveyance of an approximate 0.194-acre area comprised of one (1) A-class residue, having a value of \$28,000.00 to **Roger Dean Holbert and Elizabeth Passerotti Holbert** for the highest offer amount of **\$50,290.00**; no additional fees required. This residue was acquired for \$3,725.00 in 2017.

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

**AND/OR AUCTIONEER      26 PROJECT(S)      \$ 283,717**

**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 6)****Project U-2810, Parcel 016, 018, & 020, SR-1003 Camden Road  
Cumberland County**

Conveyance of an approximate 1.780-acre area comprised of three (3) B-class residues having a value of **\$25,000.00** to **Angela and William Wright** for the highest offer of **\$30,000.00**. The Department acquired these residues for \$19,650 in 2008.

**(Division 7)****Project U-3109A, Parcel 100, NC-119 Relocation From I-40 /I-85 To North of SR-1921 (Mebane Rogers Road / Stage Coach Road)  
Alamance County**

Conveyance of an approximate 0.129-acre area comprised of one (1) C-class residue having a value of **\$1,000.00** to **Libertad Maria Villalba** for the highest offer of **\$900.00**. The Department this residue for \$300.00 in 2015.

**(Division 8)****Project U-5743, Parcel 023, NC-42 / SR-2194 (Dublin Square Road) From SR-2237 (East Salisbury Street) to North of US-64 / NC-49 (Dixie Drive) in Asheboro  
Randolph County**

Conveyance of an approximate 0.555-acre area comprised of one (1) B-class residue having a value of **\$44,775.00** to **The Trustees of Asheboro UPC, Inc.** for consideration of settlement of their Highway Right of Way Claim on parcel 024. The Department acquired this residue for \$44,775.00 in 2022.

**(Division 12)****Project R-5712, Parcel 004, NC-16 Business at Interchange of NC-16 Business and SR-1439 (Unity Church Road) / SR-1387 (Triangle Circle) Add Turn Lanes  
Lincoln County**

Conveyance of an approximate 0.490-acre area comprised of one (1) B-class residue having a value of **\$128,150.00** to **Janmesh Anilkumar Shukla and Dimpal Shukla** for consideration of settlement of their Highway Right of Way Claim on parcel 006. The Department acquired this residue for \$128,150.00 in 2020.

**(Division 13)****Project U-3301, Parcel 055, NC-63 (Leicester Highway) Northwest Asheville, From SR-1615 (Gilbert Road) to West of SR-1004 (Newfound Road)  
Buncombe County**

Conveyance of an approximate 0.148-acre area comprised of three (1) C-class residue having a value of **\$975.00** to **Elizabeth F.T. Elmore** for the highest offer of **\$1,200.00**. The Department acquired this residue for \$950.00 in 2015.

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

**AND/OR AUCTIONEER      5 PROJECT(S)      \$ 31,875**

**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 6)**

**Project I-6064A, Parcel 023, I-95 From I-74 (Exit 13) to Carthage Road (Exit 19)  
Widen Roadway  
Robeson County**

The Department was conveyed a 1.091-acre area from W.D. Walters and Wife, Lizzie H. Walters during the construction of project 8.13978 in 1951. The department needs to convert 0.222 acres to Highway Right of way. The remaining 0.869 acres will remain available for sale or future use by the Department.

**APPROVAL OF CONVERSION OF RESIDUAL AREA TO HIGHWAY RIGHT OF WAY 1**

**PROJECT(S) \$-0-**

**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 4)**

**Project 8.11618, Parcel 000, I-95 Beginning at Station 333+00 a point approximately 1 Mile Southwest of SR-1527 to a Point Approximately 1,789 Feet North of NC-44  
Nash County**

Revision in the control of access along NC-48 to **Gold Rock Improvement Co., LLC** for the enhanced appraisal amount of **\$68,700.00**.

**CONVEYANCE OF REVISION IN CONTROL OF ACCESS BY DIVISION 1 PROJECT(S) \$-0-**

**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.

**APPROVAL OF SETTLEMENT****(Division 3)**

Property of Albert H. Parker, Jr. **PROTECTIVE**  
 I.D. No. U-5932, Parcel 900  
 WBS 45942.2.1, F. A. Project N/A  
 County of Brunswick  
 Condemnation for \$2,796,425.00

**(Division 5)**

Property of ITAC 356, LLC **PROTECTIVE**  
 I.D. No. P-5753, Parcel 900  
 WBS 48852.2.1, F. A. Project N/A  
 County of Franklin  
 Settlement for \$7,482,000.00

**(Division 9)**

Property of Carroll Tidwell **PROTECTIVE**  
 I.D. No. R-2247D, Parcel 605  
 WBS 34409.2.27, F. A. Project N/A  
 County of Forsyth  
 Settlement for \$440,000.00

**APPROVAL OF ADVANCE ACQUISITION FOR HIGHWAY ROW 3 PROJECT(S)  
 SETTLEMENT \$10,718,425.00**

**NORTH CAROLINA BOARD OF TRANSPORTATION  
RECOMMENDED ALLOCATION OF HIGHWAY MAINTENANCE APPROPRIATIONS  
FISCAL YEAR 2023 - 2024**

On July 6, 2023, the Board approved an initial maintenance allocation totaling \$1,754,947,872. At the time of preparation of this agenda item, House Bill 259 had not been ratified by the General Assembly. However, staff recommends allocating an additional \$521,699,955.

Of the total additional funds, \$180,360,918 is from the current credit balance, \$2,000,000 from a Ferry loan repayment, and \$10,358,783 in previous year's undistributed funds resulting from various rate adjustments. The remaining \$328,980,254 is a recommended cashflow from future year allocations as detailed below:

Contract Resurfacing	286,080,120
Pavement Preservation	42,900,134
<b>Total Cashflow Request</b>	<b>328,980,254</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 2023 - 2024**

**Table 1 – MAINTENANCE ALLOCATION SUMMARY**

<b><u>SCHEDULE I – GENERAL MAINTENANCE RESERVE (GMR)</u></b>			
<b><u>SCHEDULE I (a) – TRADITIONAL GMR</u></b>	<b>INITIAL ALLOCATION</b>	<b>SUPPLEMENTAL ALLOCATION</b>	<b>TOTAL ALLOCATION</b>
Cashflow Repayment	121,326,607	0	121,326,607
Cashflow from Future Years	0	0	0
<i>Cashflow Repayment Subtotal</i>	<i>121,326,607</i>	<i>0</i>	<i>121,326,607</i>
Asset Maintenance and Operations	27,500,000	441,500	27,941,500
Research and Development	14,960,000	0	14,960,000
State and Federal Obligation	15,290,000	30,000	15,320,000
<i>Enterprise Programs Subtotal</i>	<i>57,750,000</i>	<i>471,500</i>	<i>58,221,500</i>
Division Distribution	359,025,686	104,580,824	463,606,510
<b><i>Traditional GMR Total</i></b>	<b><i>\$538,102,293</i></b>	<b><i>\$105,052,324</i></b>	<b><i>\$643,154,617</i></b>
<b><u>SCHEDULE 1(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>\$631,833,505</i></b>	<b><i>\$105,052,324</i></b>	<b><i>\$736,885,829</i></b>
<b><u>SCHEDULE II – ROADSIDE ENVIRONMENTAL</u></b>			
	<b>INITIAL ALLOCATION</b>	<b>SUPPLEMENTAL ALLOCATION</b>	<b>TOTAL ALLOCATION</b>
Asset Maintenance and Operations	6,000,000		6,000,000
State and Federal Obligation	300,000	0	300,000
<i>Enterprise Programs Subtotal</i>	<i>6,300,000</i>	<i>0</i>	<i>6,300,000</i>
Division Distribution	112,593,756	1,071,031	113,664,787
<b><i>Roadside Environmental Total</i></b>	<b><i>\$118,893,756</i></b>	<b><i>\$1,071,031</i></b>	<b><i>\$119,964,787</i></b>

**NORTH CAROLINA BOARD OF TRANSPORTATION  
RECOMMENDED ALLOCATION OF HIGHWAY MAINTENANCE APPROPRIATIONS  
FISCAL YEAR 2023 - 2024**

**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	376,588,816	80,211,553	456,800,369
Cashflow from Future Years	(80,211,553)	(286,080,120)	(366,291,673)
<i>Cashflow Repayment Subtotal</i>	<u>296,377,263</u>	<u>(205,868,567)</u>	<u>90,508,696</u>
Asset Maintenance and Operations	13,550,000	0	13,550,000
Division Distribution	262,232,977	287,008,435	549,241,412
<b><i>Contract Resurfacing Total</i></b>	<b><i>\$572,160,240</i></b>	<b><i>\$81,139,868</i></b>	<b><i>\$653,300,108</i></b>
<hr/>			
<b><u>SCHEDULE IV – PAVEMENT PRESERVATION</u></b>	<b>INITIAL ALLOCATION</b>	<b>SUPPLEMENTAL ALLOCATION</b>	<b>TOTAL ALLOCATION</b>
Cashflow Repayment	44,405,272	0	44,405,272
Cashflow from Future Years	0	(42,900,134)	(42,900,134)
<i>Cashflow Repayment Subtotal</i>	<u>44,405,272</u>	<u>(42,900,134)</u>	<u>1,505,138</u>
Division Distribution	41,394,995	43,418,917	84,813,912
<b><i>Pavement Preservation Total</i></b>	<b><i>\$85,800,267</i></b>	<b><i>\$518,783</i></b>	<b><i>\$86,319,050</i></b>
<hr/>			
<b><u>SCHEDULE V – BRIDGE PROGRAM</u></b>	<b>INITIAL ALLOCATION</b>	<b>SUPPLEMENTAL ALLOCATION</b>	<b>TOTAL ALLOCATION</b>
Central Distribution	159,231,014	2,001,556	161,232,570
State and Federal Obligations	9,600,000	0	9,600,000
Division Distribution	106,154,010	1,334,371	107,488,381
<b><i>Bridge Program Total</i></b>	<b><i>\$274,985,024</i></b>	<b><i>\$3,335,927</i></b>	<b><i>\$278,320,951</i></b>
<hr/>			
<b><u>SCHEDULE VI – BRIDGE PRESERVATION</u></b>	<b>INITIAL ALLOCATION</b>	<b>SUPPLEMENTAL ALLOCATION</b>	<b>TOTAL ALLOCATION</b>
Central Distribution	42,765,048	961,061	43,726,109
Division Distribution	28,510,032	640,707	29,150,739
<b><i>Bridge Program Total</i></b>	<b><i>\$71,275,080</i></b>	<b><i>\$1,601,768</i></b>	<b><i>\$72,876,848</i></b>
<hr/>			
<b>GRAND TOTAL</b>	<b><i>\$1,754,947,872</i></b>	<b><i>\$192,719,701</i></b>	<b><i>\$1,947,667,573</i></b>

**NORTH CAROLINA BOARD OF TRANSPORTATION  
RECOMMENDED ALLOCATION OF HIGHWAY MAINTENANCE APPROPRIATIONS  
FISCAL YEAR 2023 - 2024**

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

**Total Allocation:** Staff recommends allocating an additional \$105,052,324 for Traditional General Maintenance Reserve (Traditional GMR). This recommendation increases the Traditional General Maintenance Reserve allocation to \$643,154,617.

**Legislative Increases:** An additional \$2,902,959 is available for General Maintenance Reserve per various Legislative, Medical and Retirement increases. Staff recommends distributing these funds to the divisions using a previously approved formula.

**Credit Reserve:** Staff recommends distributing \$100,149,365 of the currently available credit reserve to Divisions using a previously approved formula.

**Cashflow:** The GMR cashflow balance of \$121,326,607 was repaid in full as part of the initial allocation approved on July 6, 2023.

**Table 2 – Traditional General Maintenance Reserve**

Division	Initial Allocation	Supplemental Allocation	Total Allocation
1	23,163,818	7,293,676	30,457,494
2	23,679,431	6,845,271	30,524,702
3	26,506,976	7,590,299	34,097,275
4	27,991,748	8,227,260	36,219,008
5	35,236,769	9,386,092	44,622,861
6	25,330,560	7,794,898	33,125,458
7	28,000,071	7,818,554	35,818,625
8	26,595,121	8,219,320	34,814,441
9	22,938,795	6,718,806	29,657,601
10	29,086,174	7,473,371	36,559,545
11	21,351,796	6,799,897	28,151,693
12	26,285,102	7,622,319	33,907,421
13	22,552,650	6,685,327	29,237,977
14	20,306,675	6,105,734	26,412,409
<b>Subtotal</b>	<b>\$359,025,686</b>	<b>\$104,580,824</b>	<b>\$463,606,510</b>
Cashflow Repayment	121,326,607	0	121,326,607
Asset Maintenance & Operations	27,500,000	441,500	27,941,500
Research and Development	14,960,000	0	14,960,000
State and Federal Obligation	15,290,000	30,000	15,320,000
<b>Subtotal</b>	<b>\$179,076,607</b>	<b>\$471,500</b>	<b>\$179,548,107</b>
<b>Grand Total</b>	<b>\$538,102,293</b>	<b>\$105,052,324</b>	<b>\$643,154,617</b>

**NORTH CAROLINA BOARD OF TRANSPORTATION  
RECOMMENDED ALLOCATION OF HIGHWAY MAINTENANCE APPROPRIATIONS  
FISCAL YEAR 2023 - 2024**

**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	891,667	0	891,667
2	847,481	0	847,481
3	459,566	0	459,566
4	1,679,014	0	1,679,014
5	3,866,327	0	3,866,327
6	697,097	0	697,097
7	8,036,732	0	8,036,732
8	1,351,829	0	1,351,829
9	6,028,245	0	6,028,245
10	3,661,144	0	3,661,144
11	10,896,854	0	10,896,854
12	2,629,948	0	2,629,948
13	10,029,863	0	10,029,863
14	8,924,233	0	8,924,233
<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 2023 - 2024**

**SCHEDULE II – ROADSIDE ENVIRONMENTAL**

**Total Allocation:** Staff recommends allocating an additional \$1,071,031 for Roadside Environmental. This recommendation increases the Roadside Environmental allocation to \$119,964,787.

**Legislative Increases:** An additional \$1,071,031 is available for Roadside Environmental per various Legislative, Medical and Retirement increases. Staff recommends distributing these funds to the divisions using a previously approved formula.

**Table 4 – Roadside Environmental**

Division	Initial Allocation	Supplemental Allocation	Total Allocation
1	7,276,541	70,051	7,346,592
2	6,556,358	68,438	6,624,796
3	7,278,226	75,666	7,353,892
4	9,471,521	78,812	9,550,333
5	9,127,642	89,859	9,217,501
6	8,331,509	80,621	8,412,130
7	7,510,825	73,309	7,584,134
8	9,112,676	93,024	9,205,700
9	7,515,982	70,271	7,586,253
10	8,302,125	78,593	8,380,718
11	7,292,919	72,417	7,365,336
12	8,357,507	75,828	8,433,335
13	7,903,997	72,871	7,976,868
14	8,555,928	71,271	8,627,199
<b>Subtotal</b>	<b>\$112,593,756</b>	<b>\$1,071,031</b>	<b>\$113,664,787</b>
Asset Maintenance & Operations	6,000,000	0	6,000,000
Research and Development	0	0	0
State and Federal Obligation	300,000	0	300,000
<b>Subtotal</b>	<b>\$6,300,000</b>	<b>\$0</b>	<b>\$6,300,000</b>
<b>Grand Total</b>	<b>\$118,893,756</b>	<b>\$1,071,031</b>	<b>\$119,964,787</b>

**NORTH CAROLINA BOARD OF TRANSPORTATION  
RECOMMENDED ALLOCATION OF HIGHWAY MAINTENANCE APPROPRIATIONS  
FISCAL YEAR 2023 - 2024**

**SCHEDULE III – CONTRACT RESURFACING**

**Total Allocation:** Staff recommends allocating an additional \$81,139,868 for Contract Resurfacing, and cashflowing (advancing) \$286,080,120 from future year allocations. This recommendation increases the Contract Resurfacing allocation \$653,300,108.

**Legislative Increase:** An additional \$928,315 is available for Contract Resurfacing per various Legislative, Medical and Retirement increases. Staff recommends distributing these funds to the divisions using a previously approved formula.

**Credit Reserve:** Staff recommends distributing \$80,211,553 of the currently available credit reserve to repay the remaining cashflow balance.

**Cashflow:** Contract Resurfacing began FY2024 with a cashflow balance of \$376,588,816. \$296,377,263 of the balance was repaid as part of the initial allocation. The remaining \$80,211,553 is being paid in full per credit reserve as stated above. Staff also recommends cashflowing an additional \$286,080,120 for Contract Resurfacing. The Department intends to repay the \$286,080,120 in full at the beginning of FY2025. The additional cashflow funds will be distributed to the divisions to support contract activities and associated force account work.

**Table 5 – Contract Resurfacing**

Division	Initial Allocation	Supplemental Allocation	Total Allocation
1	19,176,668	20,988,457	40,165,125
2	20,862,129	22,833,158	43,695,287
3	25,058,086	27,425,545	52,483,631
4	20,999,480	22,983,485	43,982,965
5	22,904,247	25,068,212	47,972,459
6	17,151,662	18,772,131	35,923,793
7	18,641,292	20,402,500	39,043,792
8	19,995,067	21,884,177	41,879,244
9	14,848,433	16,251,295	31,099,728
10	19,950,111	21,834,973	41,785,084
11	14,024,438	15,349,450	29,373,888
12	16,058,098	17,575,247	33,633,345
13	16,608,610	18,177,772	34,786,382
14	15,954,656	17,462,033	33,416,689
<b>Subtotal</b>	<b>\$262,232,977</b>	<b>\$287,008,435</b>	<b>549,241,412</b>
Cashflow Repayment	296,377,263	80,211,553	376,588,816
Cashflow from Future Years	0	(286,080,120)	(286,080,120)
Asset Maintenance & Operations	13,550,000	0	13,550,000
Research and Development	0	0	0
State and Federal Obligation	0	0	0
<b>Subtotal</b>	<b>\$309,927,263</b>	<b>(\$205,868,567)</b>	<b>\$104,058,696</b>
<b>Grand Total</b>	<b>\$572,160,240</b>	<b>\$81,139,868</b>	<b>\$653,300,108</b>

**NORTH CAROLINA BOARD OF TRANSPORTATION  
RECOMMENDED ALLOCATION OF HIGHWAY MAINTENANCE APPROPRIATIONS  
FISCAL YEAR 2023 - 2024**

**SCHEDULE IV – PAVEMENT PRESERVATION**

**Total Allocation:** Staff recommends allocating an additional \$518,783 for Pavement Preservation, and cashflowing (advancing) \$42,900,134 from future year allocations. This recommendation increases the Pavement Preservation allocation to \$86,319,050.

**Legislative Increase:** An additional \$518,783 is available for Pavement Preservation per various Legislative, Medical and Retirement increases. Staff recommends distributing these funds to the divisions using a previously approved formula.

**Cashflow:** Pavement Preservation began FY2024 with a cashflow balance of \$44,405,272 which was repaid in full as part of the initial allocation. At this time, staff recommends cashflowing an additional \$42,900,134 for Pavement Preservation. The cashflow funds will be distributed to the divisions to support contract activities and associated force account work.

**Table 6 – PAVEMENT PRESERVATION**

Division	Initial Allocation	Supplemental Allocation	Total Allocation
1	2,343,071	2,430,667	4,773,738
2	2,807,422	2,971,032	5,778,454
3	3,044,305	3,198,098	6,242,403
4	3,205,628	3,336,665	6,542,293
5	3,073,068	3,154,963	6,228,031
6	3,558,973	3,770,906	7,329,879
7	2,588,654	2,665,686	5,254,340
8	3,420,818	3,576,940	6,997,758
9	2,477,864	2,574,974	5,052,838
10	2,504,382	2,585,473	5,089,855
11	3,549,070	3,822,316	7,371,386
12	3,022,784	3,148,544	6,171,328
13	2,998,456	3,191,712	6,190,168
14	2,800,500	2,990,941	5,791,441
<b>Subtotal</b>	<b>\$41,394,995</b>	<b>\$43,418,917</b>	<b>\$84,813,912</b>
Cashflow Repayment	44,405,272	0	44,405,272
Cashflow from Future Years	0	(42,900,134)	(42,900,134)
Asset Maintenance & Operations	0	0	0
Research and Development	0	0	0
State and Federal Obligation	0	0	0
<b>Subtotal</b>	<b>\$44,405,272</b>	<b>(\$42,900,134)</b>	<b>1,505,138</b>
<b>Grand Total</b>	<b>\$85,800,267</b>	<b>\$518,783</b>	<b>\$86,319,050</b>

**NORTH CAROLINA BOARD OF TRANSPORTATION  
RECOMMENDED ALLOCATION OF HIGHWAY MAINTENANCE APPROPRIATIONS  
FISCAL YEAR 2023 - 2024**

**SCHEDULE V – BRIDGE PROGRAM**

**Total Allocation:** Staff recommends allocating an additional \$3,335,927 for Bridge Program. This recommendation increases the Bridge Program allocation to \$278,320,951.

**Legislative Increase:** An additional \$3,335,927 is available for Bridge Program per various Legislative, Medical and Retirement increases. Staff recommends distributing these funds to the divisions using a previously approved formula.

**Table 7 – BRIDGE PROGRAM**

Division	Initial Allocation	Supplemental Allocation	Total Allocation
1	4,428,150	57,637	4,485,787
2	5,035,038	67,147	5,102,185
3	4,486,909	58,558	4,545,467
4	5,969,694	81,793	6,051,487
5	6,002,907	82,314	6,085,221
6	4,551,905	59,576	4,611,481
7	7,100,303	99,510	7,199,813
8	6,657,001	92,563	6,749,564
9	5,956,216	81,582	6,037,798
10	5,443,902	73,554	5,517,456
11	14,330,813	157,967	14,488,780
12	7,690,379	108,756	7,799,135
13	15,895,274	182,482	16,077,756
14	12,605,519	130,932	12,736,451
<b>Subtotal</b>	<b>\$106,154,010</b>	<b>\$1,334,371</b>	<b>\$107,488,381</b>
Central Distribution	168,831,014	2,001,556	170,832,570
<b>Grand Total</b>	<b>\$274,985,024</b>	<b>\$3,335,927</b>	<b>\$278,320,951</b>



**NORTH CAROLINA BOARD OF TRANSPORTATION  
RECOMMENDED ALLOCATION OF HIGHWAY MAINTENANCE APPROPRIATIONS  
FISCAL YEAR 2023 - 2024**

**SCHEDULE VI – BRIDGE PRESERVATION**

**Total Allocation:** Staff recommends allocating an additional \$1,601,768 for Bridge Preservation. This recommendation increases the Bridge Preservation allocation to \$72,876,848.

**Legislative Increase:** An additional \$1,601,768 is available for Bridge Preservation per various Legislative, Medical and Retirement increases. Staff recommends distributing these funds to the divisions using a previously approved formula.

**Table 8 – Bridge Preservation**

Division	Initial Allocation	Supplemental Allocation	Total Allocation
1	2,035,755	44,416	2,080,171
2	1,807,118	39,652	1,846,770
3	2,212,169	42,203	2,254,372
4	1,998,711	45,790	2,044,501
5	2,472,148	56,636	2,528,784
6	1,663,536	38,112	1,701,648
7	2,226,536	51,009	2,277,545
8	1,730,691	39,649	1,770,340
9	1,734,724	39,742	1,774,466
10	2,288,289	52,424	2,340,713
11	1,854,822	42,493	1,897,315
12	1,831,224	41,953	1,873,177
13	2,437,903	55,851	2,493,754
14	2,216,406	50,777	2,267,183
<b>Subtotal</b>	<b>\$28,510,032</b>	<b>\$640,707</b>	<b>\$29,150,739</b>
Central Distribution	42,765,048	961,061	43,726,109
<b>Grand Total</b>	<b>\$71,275,080</b>	<b>\$1,601,768</b>	<b>\$72,876,848</b>

**Item S Summary:**

**Total Allocation Increase = \$192,719,701**

**Additional Cashflow Funds Requested = \$328,980,254**

**Total Increase = \$521,699,955**

There are no Comprehensive Transportation Plans to be presented for approval at the September 7, 2023 Board of Transportation Meeting.

## ITEM V

There will be no Item V for the September 7, 2023 Board of Transportation Meeting.

## Committee Reports

### Finance Committee

1. Financial Update – Mark Newsome
  - July revenues and expenditures were slightly below forecast but in parity with one another.
  - Days of cash on hand is 119.1 days as of July 2023 month-end.
  - Cash as a percentage of open commitments is 28.9% as of July 2023 month-end.
  - NCDOT's ACFR was submitted on schedule to OSA on August 28<sup>th</sup>.
2. August Redistribution – Van Argabright and David Wasserman
  - Each July, NCDOT submits a request to FHWA for additional funding obligation authority – August Redistribution.
  - This year NCDOT received 3.35% of the August Redistribution that was awarded nationally.
  - Total amount received was \$264,828,202.
3. Quarterly Revenue Update – Michelle Ellis and Adeel Farooqi
  - For SFY 2023, NCDOT has achieved \$6,359M in revenues. This is 2.4% or \$149M above forecast.
  - NC showed signs of economic health in July, including employment and GDP growth.
  - Unemployment rate dropped to 3.3% in June for NC compared to 3.8% prior to COVID-19.

### Inspector General Committee

#### Inspector General – overview of audits from the 2022-2023 Audit Plan

- 8 audits completed
- 1 consulting service completed
- 3 audits in progress
- 2 audits will be carried over to this fiscal year

#### Internal Audit Manager – overview of developing the 2023-2024 Audit Plan

- 99 emails sent out throughout NCDOT with annual Risk Assessment questionnaire attached
- 10 areas covered by questionnaire
- Risks are either low, medium, or high
- After scoring is complete, those areas with highest risk will be on the 2023-2024 Audit Plan
- Inspector General Committee members will review & offer comments
- Audit Plan will be uploaded to the OSBM website by 09-30-23

#### DMV – Representatives from the Business Operations and Accountability & Auditing Unit gave a presentation on what they do & recent accomplishments

- Ensure accuracy & compliance

- Evaluate adherence
- Determine reliability
- 3 main areas of focus:
  - Financial
  - Physical inventory
  - Compliance & adherence
- Perform onsite visits all across the state
- 5 fraud cases involving embezzlement, notaries & falsifying documents

## **Economic Development and Intergovernmental Relations Committee**

Mr. Boyd Tharrington, Director of Field Support, provided an update on ROW and Broadband Strategy. Highlights included:

### Enabling Legislation

- GS 136-18(46)
  - Ability to enter into partnership agreements with private entities to finance, by contracts, revenues of facilities, and other finances methods authorized by law, to cost of acquiring, constructing, equipping, maintaining, and operating communications infrastructure supporting transportation infrastructure on the Interstate system
  - Refers to: fiber optic trunk lines, microcell towers or other broadband or data transmission facilities located within the ROW of the interstate of primary
- Execute Order 91 (March 14, 2019)
  - Established Task Force on Connecting North Carolina
  - Promotes expansion of access to High-Speed internet
  - Removes barriers to broadband infrastructure installation

### Leveraging NCDOT Rights of Way

- Bridge rural connectivity gaps and fulfill ITS objectives
  - Connectivity is reliant on end-to-end network:
    - Long distance middle mile or “backbone”
    - Shorter distance last mile to serve customers
  - Rural areas tend to lack middle & last mile networks
- Backbone networks provide NCDOT with broadband connectivity for deployment of ITS
  - Commercialization potential of the network and use this to offset it O&M and capital costs
- Challenges
  - Determining how best to procure
  - Navigating lengthy process
  - Maintaining utilities in the ROW and coordination with active projects

- Determining Fair Market Value per Federal Regulations 23 CFR 710.403(e)

### NCDOT OMCA Broadband / ITS Project

- Project Objectives
  - Expand State's fiber network for universal access
  - Create backbone for NCDOT's current and future technology needs
  - Unlock commercialization opportunities
- Design Build Contract to install conduit, fiber cables, and ITS equipment
  - Executed 05/18/21
  - Completion Dates
    - I-95 & US-70: Jan 2024
    - US-74: Jan 2027
- Operate, Maintain, & Commercialize (OMC) Contract
  - 95 miles of fiber and ITS infrastructure transitioned to OMC contractor
  - 30 year term
  - NCDOT to share in commercialization and use proceeds to pay for O&M costs
- Miles of Conduit Constructed:
  - I-95: 121 with 61 remaining
  - US-70: 134 with 1 remaining
  - US-74: 0 with 277 remaining
- With execution of contracts, NCDOT now has contractual framework for the competitive procurement of other broadband corridors to leverage its ROW and further increase connectivity in rural areas across North Carolina
  - First of its kind – 600 mile communication backbone with modernized ITS assets and future device capacity
  - Significant private sector investment
  - As revenue increases, O&M will be covered in full

### Federal Grant Awards

- I-85 funding – Project FUTURE (Funding Transportation Utilizing Resilient Equitable Solutions)
  - NCDOT Awarded \$100M through INFRA grant in Sept 2022
  - Includes installation of broadband and ITS devices from South Carolina state line to US-74
- US-64 - Project STERLING Alligator River
  - NCDOT Awarded \$110M through MEGA grant in Jan 2023
  - 140 miles of broadband and ITS devices along US-64 from Rocky Mount to NC-12

### NCDOT Middle Mile Broadband / ITS Initiative

- Opportunity to leverage the value of NCDOT ROW to deliver transportation connectivity needs while supporting the State's digital equity goals
- Identified 15 priority corridors for study, which includes a review of operational, commercial, and connectivity needs
- Next steps for Middle Mile
  - Review and confirm potential development scenarios and scope of next broadband/ITS project
  - Engaging with Market sector
  - Enhance broadband/ITS application strategy in federal grant applications and

leverage upcoming discretionary application to unlock further resources

## **Division of Motor Vehicles Committee**

DMV Update: Post Peak Season & Projects

- Staffing
  - Roughly 25% Total Vacancy
  - Temp Vacancy at 74%
  - Perm Vacancy at 12.50%
- 2023 Performance
- Service Enhancements
  - Extended Weekday Hours
  - Saturday Peak Season Hours
  - Technical Enhancements
- Projects
  - Kiosks
  - Contact Center Automation
  - Electronic Insurance Verification
  - Automated Hearing Solution

Adjourn Motion by Chuck McGrady. Second by Meagan Phillips.  
No actions taken.

## **Highways Committee**

Highways Committee heard one presentation yesterday (September 6th). Ms. Heather Fulghum, Manager of DOT's Right of Way Unit, provided an overview of the Department's Right of Way acquisition process.

Key points:

- Right of way is the real property (land and improvements) acquired for public use to construct roads and bridges for the betterment and safety of the public.
- Right of Way acquisitions are governed by the Uniform Act of 1970 (49 CFR Part 24)
- Right of Way is acquired through negotiated settlements and/or condemnation.
- About 80% of NCDOT's right of way is acquired through settlements, and about 20% is acquired through condemnation.
- Last year, NCDOT spent \$562 million on ROW Acquisitions
- High costs in 2022 due to catching up on court cases and higher real estate prices.
- Right of way acquisition is one of the last major steps before a project is released to bidders for construction.
- The Right of Way Unit has three major work groups:
  - Negotiations
  - Appraisals
  - Relocations

Ms. Fulghum discussed:

- Key responsibilities of the Right of Way Unit
- The Acquisition Process (residential displacement typically take 7 months)

- Complications such as site contamination, deed and title issues, and utility conflicts
- Process improvement strategies
- 10-year trends including average spend by type of claim and claim durations
- A detailed breakdown of 2022 ROW costs
- Future consideration: projected rise in real estate prices

## **Multi-Modal Committee**

Chairwoman Mathis called the September 6, 2023, Multi-Modal Committee meeting to order. Board Member Lathrop moved, and Board Member Clarke seconded a motion to approve the April 5, 2023, meeting minutes and they were unanimously approved.

IMD funding items were presented by Ryan Brumfield, IMD Director and Aviation funding items were presented by Rebecca Gallas, Aviation Director. Board Member Alcock moved, and Board Member McGrady seconded a motion to approve the funding items which were unanimously approved.

Deputy Secretary White shared updates on each mode. She shared that the IMD lead S line Transit Oriented Development Study is completed and posted on our website and that the Mobility Hub follow on study kicked off recently. She shared that the team is developing a grant application for the USDOT Reconnecting Communities grant opportunity currently open to take the S line Mobility Hubs at least through final design and some through construction. She shared that the Passenger Ferry season has been extended on peak travel days through the end of the month and that the auto ferry channel that runs between Hatteras and Ocracoke is at risk of closing. The Ferry Division has convened a multiagency group weekly to work toward a solution. Lastly, she shared that Beta, an electric aerospace company, is planning to fly one of their aircraft from the northeast to Florida and make a stop at the Raleigh Executive Jetport to recharge on Oct. 20<sup>th</sup>. The NCDOT Division of Aviation assisted the airport in installing the charging infrastructure Beta will be using.

Aviation Director Becca Gallas presented a new Aviation Division reimbursement program for our airports dubbed TALONS. The program allows airports to seek reimbursement for 50% of the cost of installing and maintaining a pre-qualified counting service up to \$3000 a year. 58 of the 72 airports in our state do not have towers and the airport counting tool allows for robust data collection, analysis and display of activities such as take-offs and landings at the airport. The data is also shared with NCDOT which allows us insights into traffic counts and fleet information which assists in prioritizing state and federally funded grants for infrastructure development. Thirty-four of the state's airports currently are enrolled in the program.

Board Member Daughtry moved, and Board Member Lathrop seconded a motion to adjourn which was unanimously approved.



## **Other Business/Closing Comments**

Chairman Fox reminded everyone that they should have all received communication notifying everyone is we had to unfortunately postpone the D14 travel trip due to logistical issues with accommodations. This trip will be pushed until Spring of 2024. That being said, the October Board meeting will be a one-day meeting held in Raleigh on Wednesday, October 4, 2023.

Chairman Fox announced that the 2024 Board meeting days have been finalized and that a copy of these dates were at the Board member's seats.

Chairman Fox shared that we are still working on the travel schedule for 2024. He asked that if any Board member was interested in their division hosting, please reach out to Aurea Rodriguez in the Governance Office to start putting together a proposal.

## Adjournment

Chairman Fox asked if there were any additional items for discussion. He stated hearing none he would accept a motion to adjourn the meeting. A motion was made by Board Member Rosenburgh and seconded by Board Member Daughtry. Chairman Fox stated the motion passed unanimously. Chairman Fox adjourned the meeting.

*Michael S. Fox*

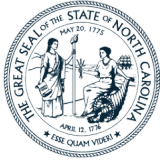
Chairman Fox

North Carolina Board of Transportation

Attest: *Marilyn McElise*

Secretary to the Board of Transportation

Dated this day October 4, 2023



**NORTH CAROLINA**  
Department of Transportation

# Financial and Spend Plan Update

## As of July 2023

Unaudited - Not in Accordance with GAAP






Mark Newsome, Chief Financial Officer

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

# **Executive Summary**

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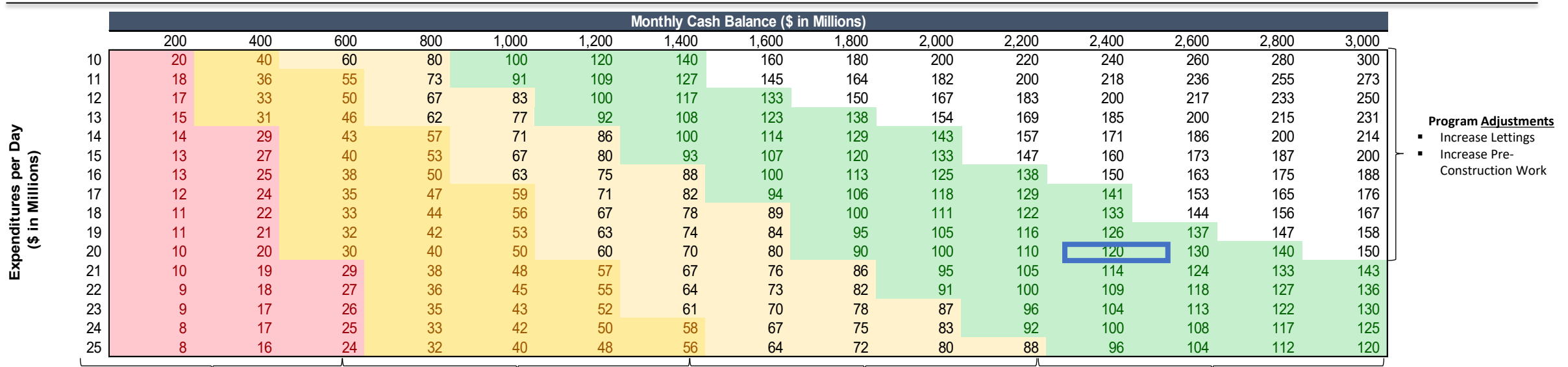
# The Fast Five

 <p>Revenues and Expenditures</p>	<ul style="list-style-type: none"> <li>July revenues were 12.8%, or \$66.1M less than forecasted.</li> <li>HF and HTF revenues were 4.5% and less than 0.0%, respectively.</li> <li>July expenditures were 13.7% or \$78.4M less than forecast.</li> <li>Largest variances are in Construction (\$85.8M) due to material and labor issues.</li> </ul>
 <p>August Redistribution</p>	<ul style="list-style-type: none"> <li>We seek to maximize federal highway funding</li> <li>Each July, we submit a request to FHWA for additional funding obligation authority – <i>August Redistribution</i>.</li> <li>This year’s <i>August Redistribution</i> notification of \$264,828,202 was received last week.</li> </ul>
 <p>Economic Update</p>	<ul style="list-style-type: none"> <li>NC showed signs of economic health in July, including employment and GDP growth.</li> <li>Lower labor force participation and unemployment rates may lead to a tighter NC labor market.</li> <li>July’s CPI suggests a decrease in inflationary pressures, but an increase in August oil prices may signal increased pressures.</li> </ul>
 <p>General Updates</p>	<ul style="list-style-type: none"> <li>NCDOT's Annual Comprehensive Financial Report package was submitted to the Office of the State Controller on time, on August 28th, 2023.</li> <li>Various OSA audits underway.</li> <li>SASHTO Awards - NCDOT won American’s Transportation Awards at the regional level for each category entered (3 awards total).</li> </ul>
 <p>Severe Weather</p>	<ul style="list-style-type: none"> <li>Minor impacts from last week’s storm.</li> </ul>

# Days Cash on Hand

Days of cash on hand is 119.1 days as of July 2023 month-end

## Days Cash on Hand



- Program Adjustments**
- Increase Lettings
  - Increase Pre-Construction Work

- Program Adjustments**
- Stop Maintenance Lettings & Activities
  - Stop Construction Lettings
  - Stop Non-Essential Purchase Order Activity

- Additional Key Parties Notified**
- All notifications in yellow/ light yellow sections as well as;
  - Joint Legislative Transportation Oversight Committee

- Program Adjustments**
- Reduce Administrative Spend
  - Reduce Pre-Construction Work
  - Delay Maintenance Activities
  - No Overtime/No Temporary Staff
  - Delay Right of Way Purchases

- Additional Key Parties Notified**
- All notifications in light yellow section as well as;
  - Office of State Budget and Management,
  - Department of State Treasurer

- Program Adjustments**
- Reduce Mowing Expenses
  - Reduce Overtime Work
  - Reduce Travel
  - Reduce Equipment Rental

- Key Parties Notified**
- Secretary
  - Chairman of the BOT
  - BOT Finance Chairman and Co-Chairman
  - Financial Planning Committee.

- Program Adjustments**
- No Program Adjustments Needed

**Key**

<span style="background-color: #f08080; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> < 30 Days	<span style="background-color: #fff2cc; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> 60 – 89 Days	<span style="background-color: #fff2cc; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> > 143 Days
<span style="background-color: #fff2cc; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> 30 – 59 Days	<span style="background-color: #c8e6c9; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> 90 – 143 Days	<span style="border: 2px solid blue; display: inline-block; width: 15px; height: 10px;"></span> Current Days

# Monthly Ending Cash as a % of Commitments

Cash as a % of open commitments is 28.9% as of July 2023 month-end

Monthly Ending Cash as a % of Commitments

Commitments (\$ in Millions)	Monthly Cash Balance (\$ in Millions)														
	200	400	600	800	1,000	1,200	1,400	1,600	1,800	2,000	2,200	2,400	2,600	2,800	3,000
6,000	3%	7%	10%	13%	17%	20%	23%	27%	30%	33%	37%	40%	43%	47%	50%
6,200	3%	6%	10%	13%	16%	19%	23%	26%	29%	32%	35%	39%	42%	45%	48%
6,400	3%	6%	9%	13%	16%	19%	22%	25%	28%	31%	34%	38%	41%	44%	47%
6,600	3%	6%	9%	12%	15%	18%	21%	24%	27%	30%	33%	36%	39%	42%	45%
6,800	3%	6%	9%	12%	15%	18%	21%	24%	26%	29%	32%	35%	38%	41%	44%
7,000	3%	6%	9%	11%	14%	17%	20%	23%	26%	29%	31%	34%	37%	40%	43%
7,200	3%	6%	8%	11%	14%	17%	19%	22%	25%	28%	31%	33%	36%	39%	42%
7,400	3%	5%	8%	11%	14%	16%	19%	22%	24%	27%	30%	32%	35%	38%	41%
7,600	3%	5%	8%	11%	13%	16%	18%	21%	24%	26%	29%	32%	34%	37%	39%
7,800	3%	5%	8%	10%	13%	15%	18%	21%	23%	26%	28%	31%	33%	36%	38%
8,000	3%	5%	8%	10%	13%	15%	18%	20%	23%	25%	28%	30%	33%	35%	38%
8,200	2%	5%	7%	10%	12%	15%	17%	20%	22%	24%	27%	29%	32%	34%	37%
8,400	2%	5%	7%	10%	12%	14%	17%	19%	21%	24%	26%	29%	31%	33%	36%
8,600	2%	5%	7%	9%	12%	14%	16%	19%	21%	23%	26%	28%	30%	33%	35%
8,800	2%	5%	7%	9%	11%	14%	16%	18%	20%	23%	25%	27%	30%	32%	34%
9,000	2%	4%	7%	9%	11%	13%	16%	18%	20%	22%	24%	27%	29%	31%	33%

- Program Adjustments**
- Increase Lettings
  - Increase Pre-Construction Work

- Program Adjustments**
- Stop Maintenance Activities
  - Stop Construction Lettings
  - Stop Non-Essential Purchase Order Activity
  - Reduction in Workforce

- Additional Key Parties Notified**
- All notifications in yellow/ light yellow sections as well as;
  - Joint Legislative Transportation Oversight Committee

- Program Adjustments**
- Reduce Administrative Spend
  - Reduce Pre-Construction Work
  - Delay Maintenance Contracts
  - No Overtime/No Temporary Staff
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- Secretary
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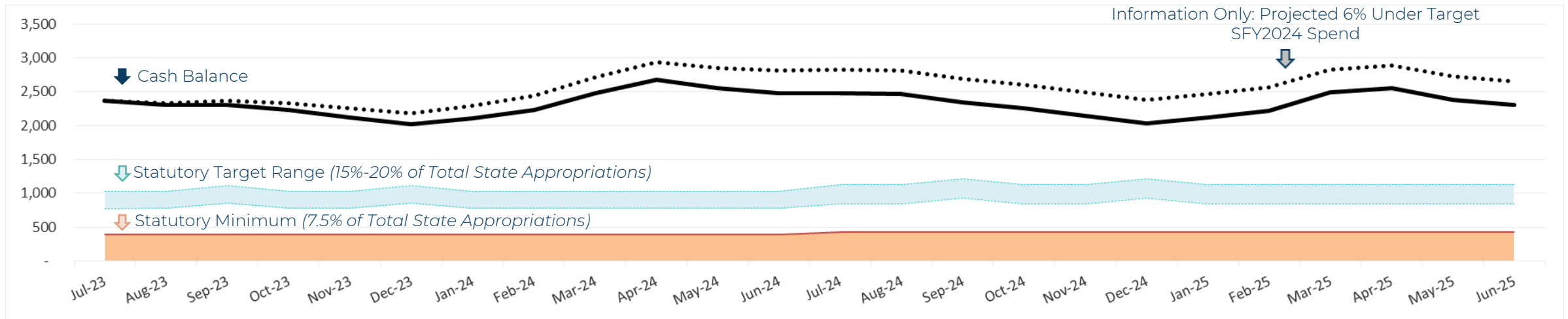
- Program Adjustments**
- No Program Adjustments Needed

**Key**

<span style="background-color: #f8d7da; border: 1px solid #f5c6cb; padding: 2px;"> </span> <10% OC	<span style="background-color: #fff3cd; border: 1px solid #ffeeba; padding: 2px;"> </span> 18% – 25% OC	<span style="background-color: #d4edda; border: 1px solid #c3e6cb; padding: 2px;"> </span> > 33% OC
<span style="background-color: #fff3cd; border: 1px solid #ffeeba; padding: 2px;"> </span> 10% – 17% OC	<span style="background-color: #d4edda; border: 1px solid #c3e6cb; padding: 2px;"> </span> 26% – 33% OC	<span style="border: 2px solid #007bff; padding: 2px;"> </span> Current %

# 24 Month Cash Forecast – SFY 24 / SFY 25 Spend Plan

Projected Cash Balances and Statutory Thresholds



## Commentary

- **Cash balance** as of July 2023 is \$2,371M.
- Balance is above the **Statutory Target Range**, per N.C.G.S. 143C-6-11.
  - Range is between 15% and 20% of the total appropriations for the current fiscal year or \$770M and \$1027M, respectively.
- The **Statutory Minimum** line has a cash balance requirement of \$385M.

## Notes on Cash Balance

- Reflects 24 mo. Spend Plan approved by BOT on June 6th
- Conventional, D-B, Build NC, USDOT Discretionary Grants & GARVEE - SAS Project Expenditure Model (Using the Hybrid Model)
- Federal Revenue including Obligation Authority



# Financial Highlights

Cash

**Cash Balance**  
**\$2,371M**

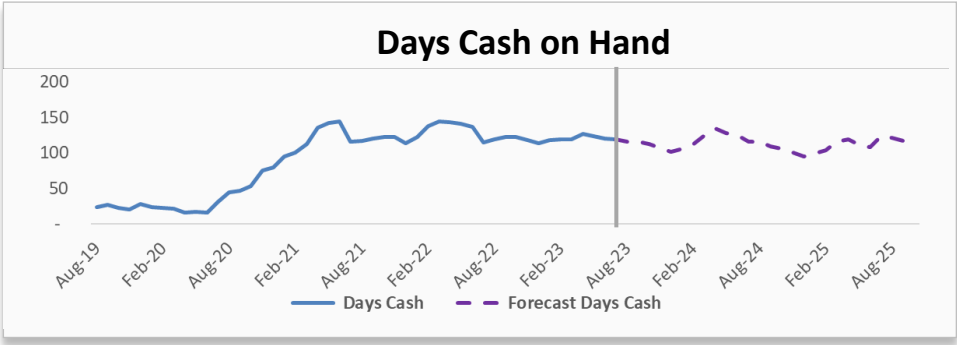
Highway Fund:	Trust Fund:	Other*:
\$1,464m	\$888M	\$19M

\*Includes Ferry Capital

**FY24 Forecast Average Monthly Expenditures**  
**\$606M**

**Days Cash On Hand**  
**119.1**

Last Month: 119.8

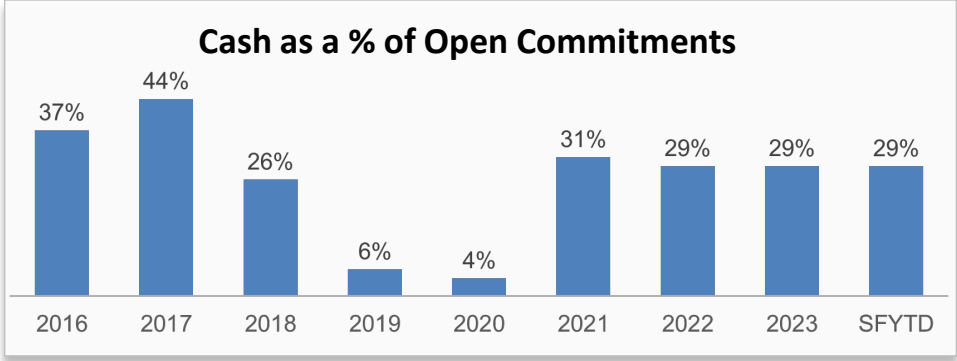


Commitments

**Open Commitments**  
**\$8,183M**

Last Month: \$8,295M

Construction	73%
Maintenance	17%
Other	7%
Modal	3%



Project Activity

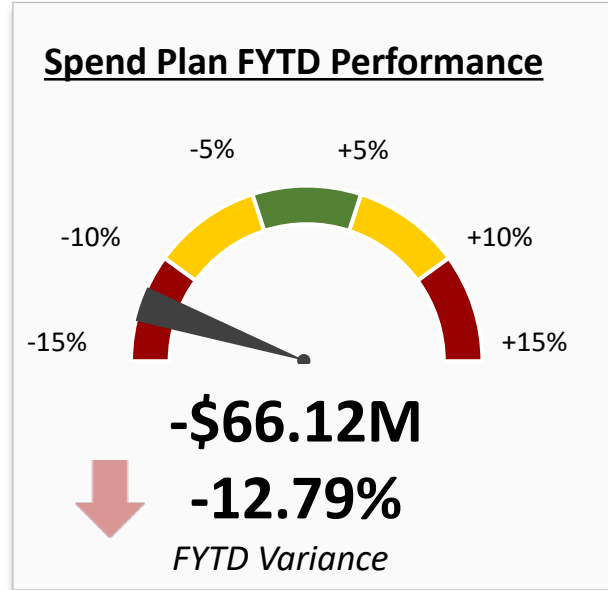
**New Active Projects**  
*July*  
**58 Projects**  
**\$214.9M**  
 (Bid Amounts)

**Accepted Projects**  
*July*  
**35 Projects**  
**\$266.1M**  
 (Estimate to Date)

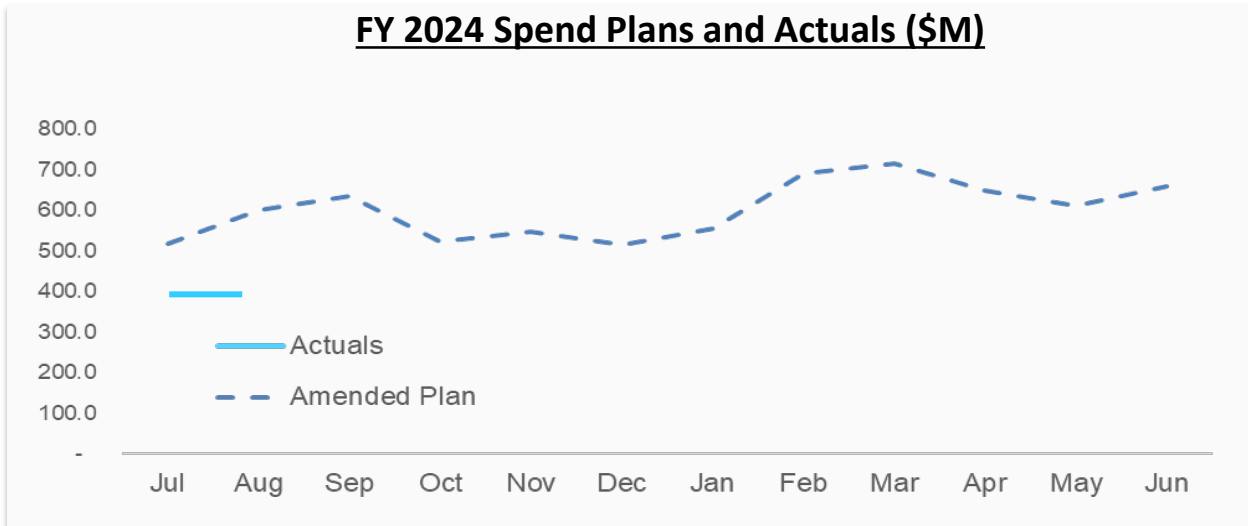
NCDOT Board of Transportation Meeting Minutes

September 7, 2023

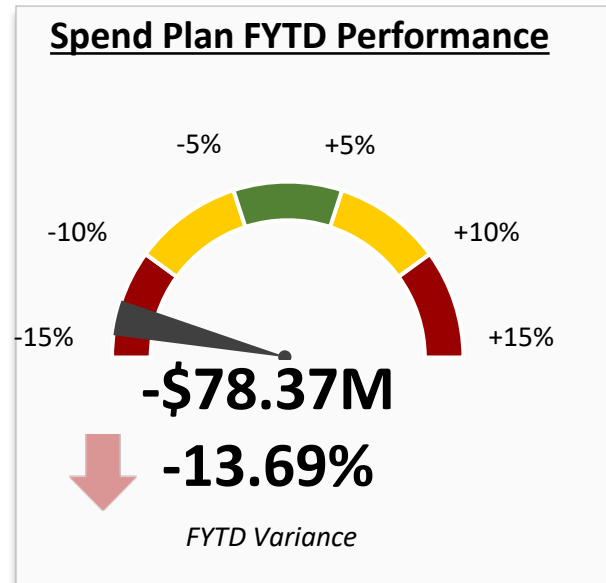
# Revenues



- ### Revenue Commentary
- July revenues were 12.8%, or \$66.1M less than forecasted.
  - Quarterly sales tax transfers from DOR continue. We expect a switch to monthly transfers with a new budget.
  - Build NC and GARVEE cash inflows were lower in July, due to the timing of reimbursements requested from the Trustee
  - Receipts from FHWA have increased by 24.6% YOY.



# Expenses



- ### Expense Commentary
- Expenditures for the month of July were 13.7% or \$78.4M less than forecasted.
  - Overall expenditures are down by 6.8% YOY.
  - Construction expenditures continue to be less than expected and we continue to engage partners to understand constraints.



Description	Actuals		Variance - Fiscal Year to Date			Track Against Full Year Spend Plan	
	Actuals As of 07/31	Fiscal YTD Spend Plan	\$ Variance, FYTD	% Variance, FYTD	Full Year Spend Plan	% of SFY 2024 Spend Plan	
State revenues	387.50	377.33	10.17	3%	4,740.00	8%	
Federal aid	48.70	58.22	(9.52)	-16%	1,548.03	3%	
Federal aid - USDOT Discretionary Grants	0.07	3.05	(2.98)	-98%	15.40	0%	
Turnpike Federal Aid	0.02	-	0.02	na	-	na	
Sales Tax	-	34.97	(34.97)	-100%	419.60	0%	
Other	12.44	15.65	(3.21)	-21%	411.64	3%	
Garvee	-	8.47	(8.47)	-100%	29.59	0%	
BuildNC	2.20	19.35	(17.15)	-89%	56.29	4%	
<b>Total Revenues &amp; Other Receipts</b>	<b>450.93</b>	<b>517.05</b>	<b>(66.12)</b>	<b>-13%</b>	<b>7,220.55</b>	<b>6%</b>	
Garvee Expenditures	46.46	36.01	10.46	29%	383.42	12%	
Garvee Debt Service	-	-	-	na	118.08	0%	
BUILDNC Expenditures	40.24	39.96	0.27	1%	340.22	12%	
BUILDNC Debt Service	-	-	-	na	121.44	0%	
STIP Construction & Holdouts	114.47	202.66	(88.19)	-44%	2,162.76	5%	
STIP Preconstruction	45.97	74.12	(28.15)	-38%	915.80	5%	
TIP - USDOT Discretionary Grants	12.04	11.02	1.02	9%	132.43	9%	
Turnpike Authority	18.92	0.13	18.79	na	1.50	na	
<b>Total Construction</b>	<b>278.10</b>	<b>363.91</b>	<b>(85.81)</b>	<b>-24%</b>	<b>4,175.65</b>	<b>7%</b>	
Other Construction - Secondary Roads	1.56	1.18	0.38	33%	12.00	13%	
Other Construction - Spot Safety Improvements	0.42	1.17	(0.75)	-64%	12.10	3%	
Other Construction - Contingency	1.11	0.81	0.30	36%	12.00	9%	
Other Construction - Mobility/Modernization	2.01	2.69	(0.68)	-25%	41.44	5%	
Other Construction - Economic Development	38.43	1.87	36.56	1955%	228.74	17%	
General Maintenance Reserve	42.97	38.24	4.72	12%	473.66	9%	
Contract Resurfacing	37.21	59.19	(21.99)	-37%	572.16	7%	
Roadside Environmental	10.60	7.56	3.04	40%	118.89	9%	
Pavement Preservation	8.97	10.48	(1.51)	-14%	85.80	10%	
Bridge Program	18.21	22.17	(3.96)	-18%	274.99	7%	
Bridge Preservation	4.51	4.82	(0.31)	-6%	71.28	6%	
Emergency GMR	0.44	0.80	(0.36)	-45%	91.28	0%	
Disaster Funding - FEMA	0.43	4.01	(3.57)	-89%	66.90	1%	
<b>Total Maintenance</b>	<b>166.86</b>	<b>154.99</b>	<b>11.87</b>	<b>8%</b>	<b>2,061.23</b>	<b>8%</b>	
Integrated Mobility Division	7.66	4.74	2.92	62%	130.11	6%	
Ferry Capital	0.05	-	0.05	na	-	na	
Ferry Division	4.58	4.92	(0.35)	-7%	58.61	8%	
Rail Division	5.38	6.16	(0.79)	-13%	94.72	6%	
Aviation Division	6.20	6.20	0.00	0%	190.27	3%	
<b>Total Other Modes</b>	<b>23.87</b>	<b>22.02</b>	<b>1.85</b>	<b>8%</b>	<b>473.72</b>	<b>5%</b>	
Administration	18.18	22.66	(4.48)	-20%	363.21	5%	
Transfers to Other State Agencies	2.06	6.99	(4.93)	-71%	60.45	3%	
Transfers to General Fund/NCTA - GAP Funds	-	-	-	na	49.00	0%	
State aid to municipalities	-	-	-	na	154.88	0%	
Debt Service	-	-	-	na	-	na	
Other Programs	4.84	1.71	3.13	184%	27.50	18%	
<b>Total Other Expenditures</b>	<b>25.08</b>	<b>31.36</b>	<b>(6.28)</b>	<b>-20%</b>	<b>655.04</b>	<b>4%</b>	
<b>Total Expenditures</b>	<b>493.90</b>	<b>572.27</b>	<b>(78.37)</b>	<b>-14%</b>	<b>7,365.64</b>	<b>7%</b>	

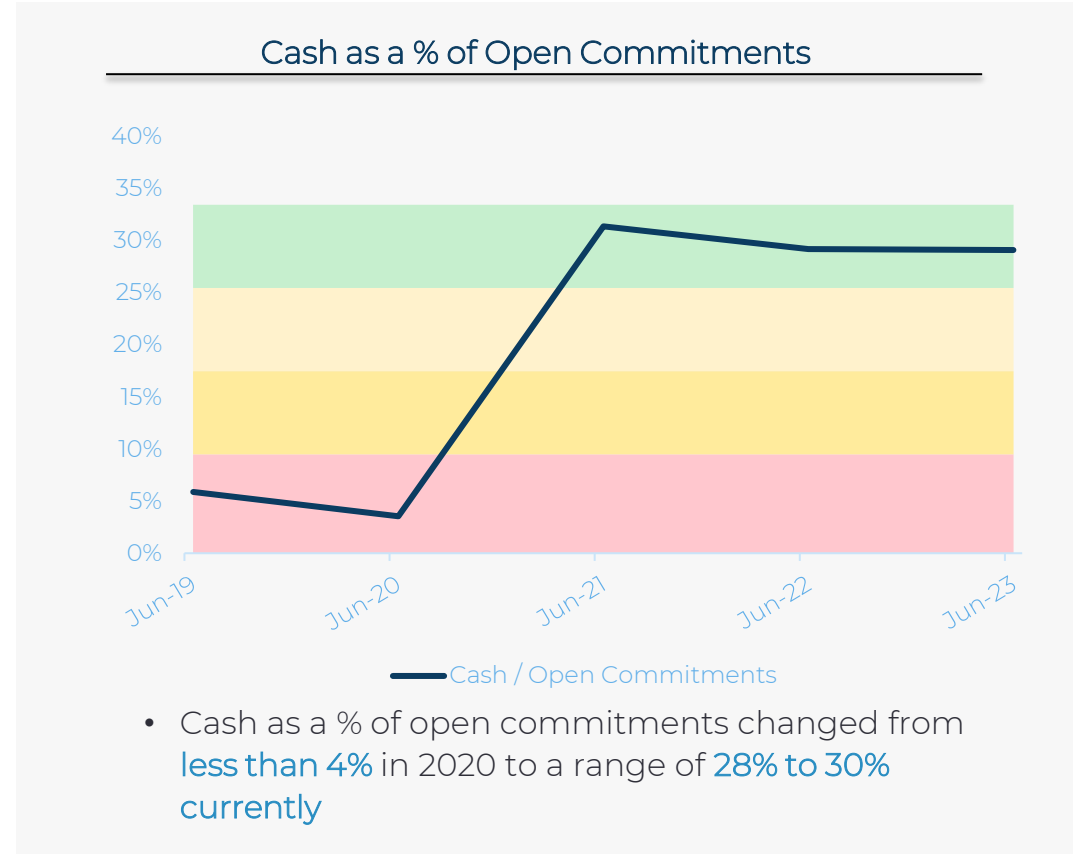
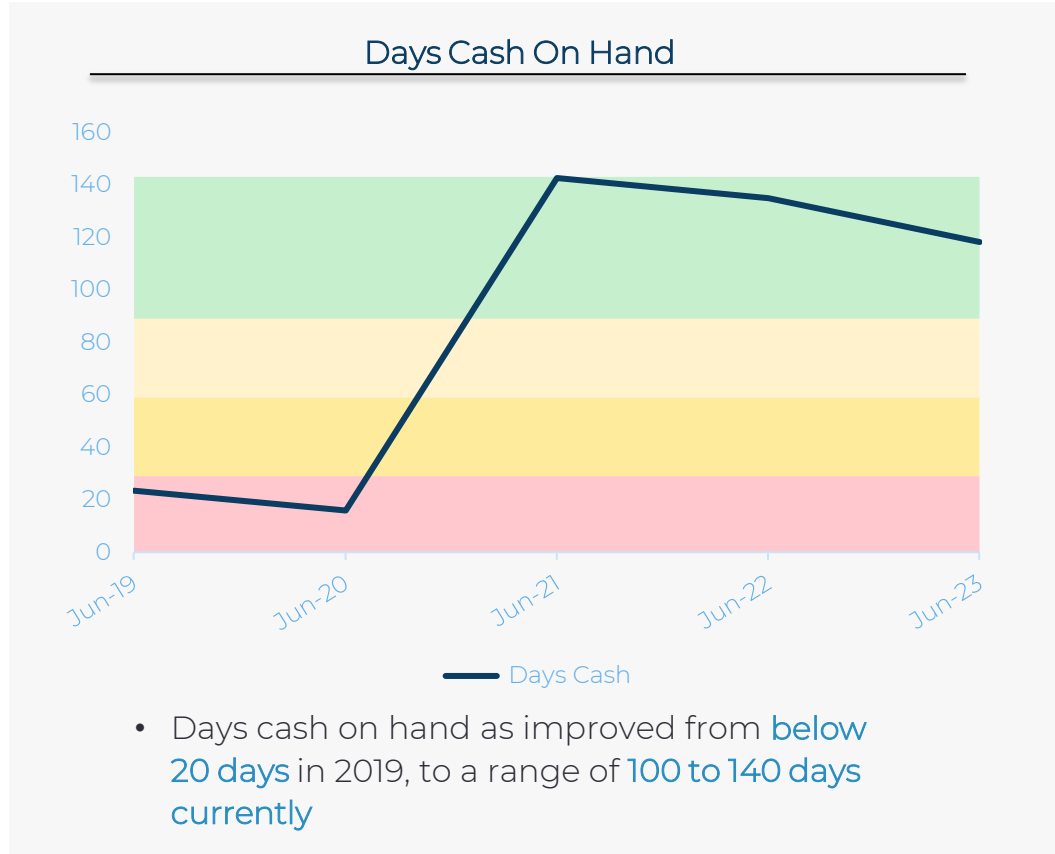
# Actual Revenues and Expenditures Compared to Spend Plan

# **Detailed Report**

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# Days Cash & Ending Cash as a % of Commitments Over Time







Both metrics of Days Cash on Hand and Cash as a % of Open Commitments have drastically improved from 2020 to June 2023



The monitoring and considerations taken at each escalation stage are designed to allow NCDOT to deliver on its strategic initiatives

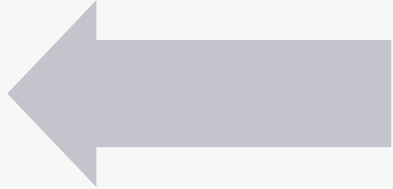
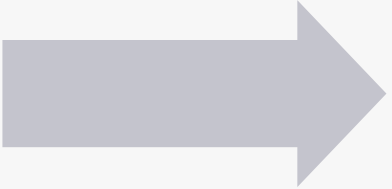
# Cash Monitoring and Management

Notifications and potential agency action will occur if one or more metrics is no longer green

	Actuals, July 31	Max Values in Next Lower Tier	Minimum Values
Days Cash on Hand	119 	89 	29 
Cash as a % of O/C	29% 	25% 	9% 

# Range of Metric Dictates Actions

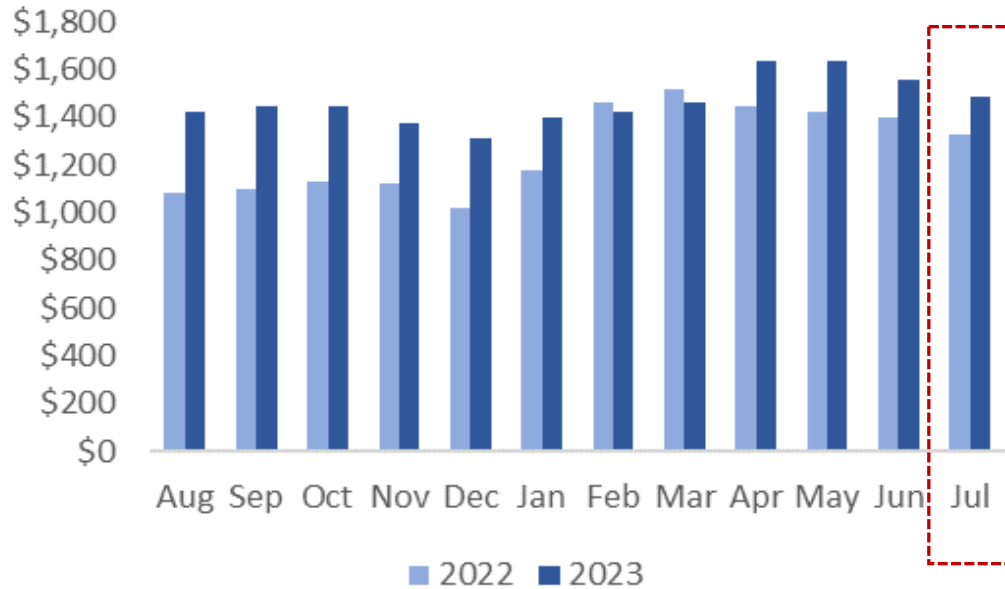
A proportional approach is taken depending on what range the key metrics of cash on hand and as a % of open commitments fall into

	Light Yellow 18%-25% Commitments / 60-89 Days	Yellow 10%-17% Open Commitments / 30-59 Days Cash	Red <10% Open Commitments / < 30 Days Cash
Notification	<p><u>The CFO will notify the following:</u></p> <ul style="list-style-type: none"> <li>• Secretary</li> <li>• Chairman of the BOT</li> <li>• BOT Finance Chairman and Co-Chairman</li> <li>• Financial Planning Committee.</li> </ul>	<p><u>All notifications in light yellow as well as:</u></p> <ul style="list-style-type: none"> <li>• Office of State Budget and Management</li> <li>• Department of State Treasurer</li> </ul>	<p><u>All notifications in yellow/ light yellow as well as:</u></p> <ul style="list-style-type: none"> <li>• Joint Legislative Transportation Oversight Committee</li> </ul>
Consideration		<ul style="list-style-type: none"> <li>• Both metrics in same range?</li> <li>• Expectation to improve/worsen over next 3 to 12 months?</li> <li>• Entering peak construction season?</li> <li>• Any large one-off transactions which will then return to normal?</li> <li>• Are federal reimbursements coming in as expected?</li> </ul>	
Actions	<ul style="list-style-type: none"> <li>• Reduce travel to only essential functions</li> <li>• Establish a percentage spend reduction for all areas</li> <li>• Implement a hiring freeze</li> <li>• Reduce non-essential Purchase Order activities (e.g. mowing)</li> <li>• Begin reviewing plans for all ROW purchases and upcoming PE contracts</li> </ul>	<p><u>All actions in light yellow as well as:</u></p> <ul style="list-style-type: none"> <li>• Reduce pre-construction activities (such as ROW purchases)</li> <li>• Delay maintenance activities</li> </ul>	<p><u>All notifications in yellow/ light yellow as well as:</u></p> <ul style="list-style-type: none"> <li>• Halt all maintenance and construction lettings and other maintenance activities</li> <li>• Review all program cost for additional cuts (DMV, IMD areas, etc.)</li> </ul>



## YOY Financial Analysis for July

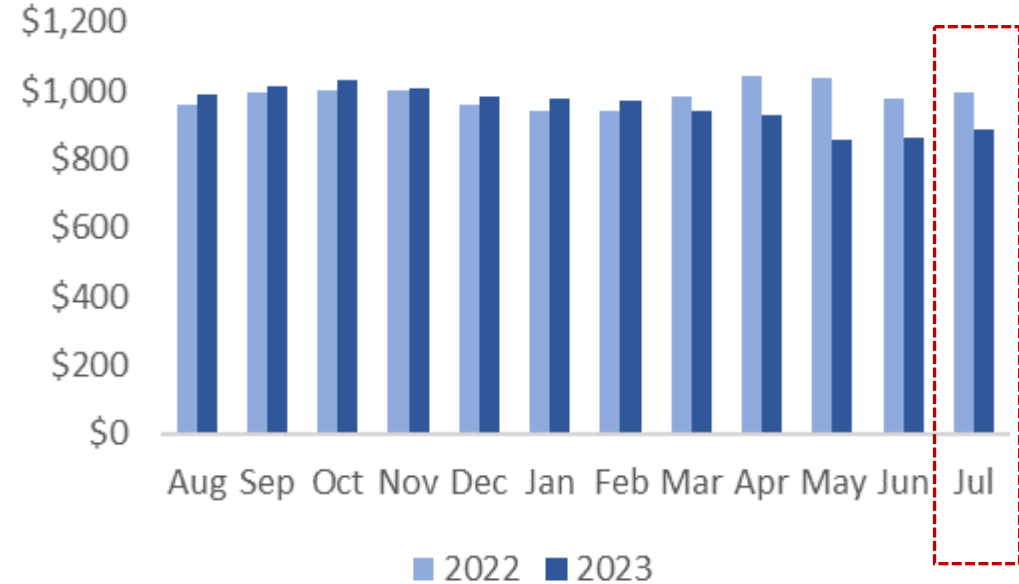
### Highway Fund



#### YOY Cash balance increased by \$154.9M or 11.7%

- \$1,327.9M in July 22 to \$1,482.8M in July 23.
- Cash increase is partially attributed to a decrease in spending in modal areas and a decrease in interfund transfers out between the HF and Turnpike Authority. The remainder of the increase in cash is attributable to working capital.

### Highway Trust Fund



#### YOY Cash balance decreased by \$108.2M or 10.9%

- \$996.7M in July 22 to \$888.6M in July 23.
- On average, construction expenditures over the trailing 12 months have exceeded HTF revenues from all sources.

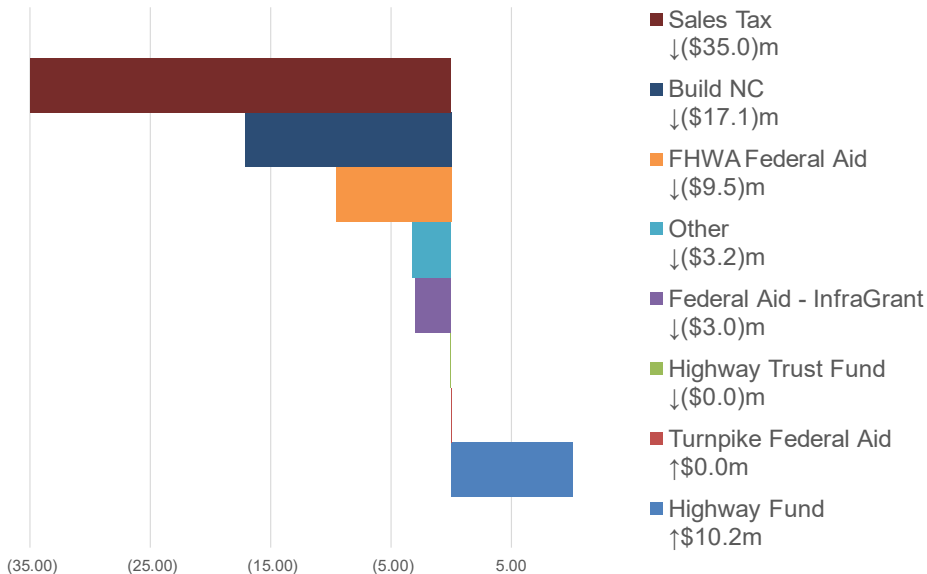
Notes:

- \$ in millions
- Highway Fund includes Ferry Capital

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

## Variance to Spend Plan - Month of Jul

July Variance: (\$66.1)m, (12.8%) of Spend Plan



## Commentary

- Revenues for the month of July were 12.8%, or \$66.1% less than forecasted.
- Projected monthly sales tax transfers from DOR did not occur in the month of July due to the current budget impasse. Receipts will continue to be quarterly until expected legislation is enacted.
- Build NC in July was \$17.2M or 88.6% less than forecasted due to timing issues.
- HF and HTF revenues are largely in line with forecast within 5% for both funds.

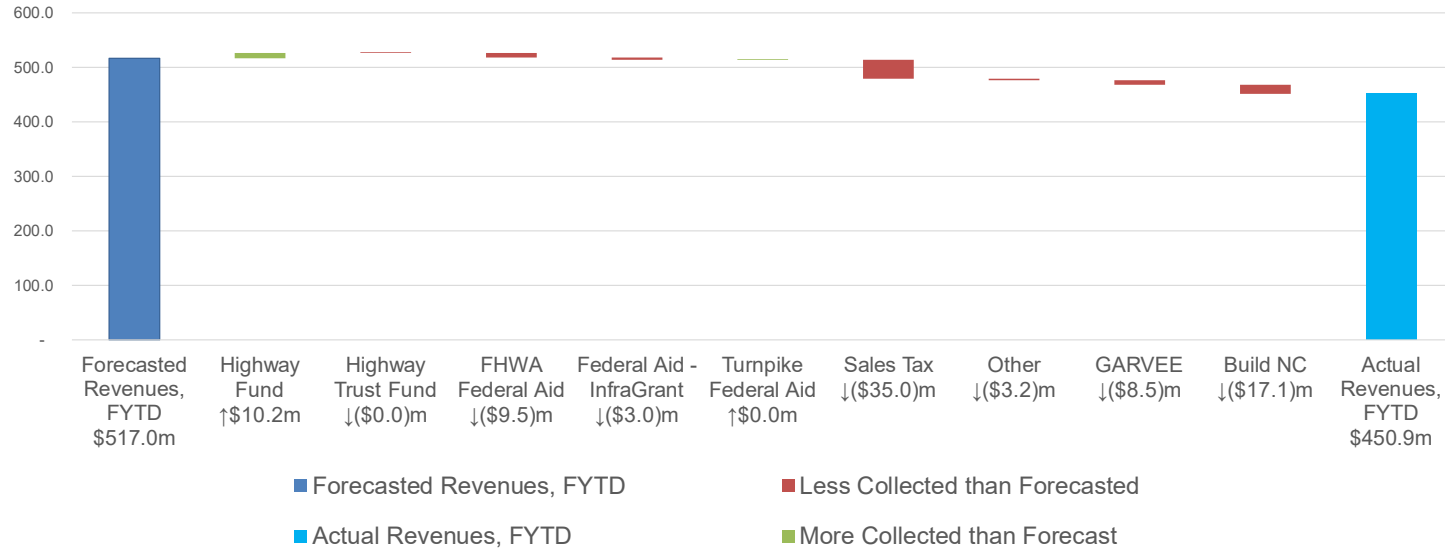
Description	Actuals		Variance to Spend Plan - Monthly		Variance to Prior Year- Monthly		
	Actuals For Month Ending 07/31	Spend Plan	\$ Variance, Monthly	% Variance, Monthly	Prior Year	\$ Variance, Monthly	% Variance, Monthly
Highway Fund *	236.00	225.80	10.20	5%	220.12	15.88	7%
Highway Trust Fund *	151.50	151.53	(0.02)	0%	137.90	13.60	10%
FHWA Federal Aid	48.70	58.22	(9.52)	-16%	39.09	9.61	25%
Federal Aid - InfraGrant	0.07	3.05	(2.98)	-98%	1.40	(1.34)	-95%
Turnpike Federal Aid	0.02	-	0.02	na	(0.01)	0.03	na
Sales Tax	-	34.97	(34.97)	-100%	-	-	na
Other	12.44	15.65	(3.21)	-21%	2.95	9.49	322%
GARVEE	-	8.47	(8.47)	-100%	-	-	na
Build NC	2.20	19.35	(17.15)	-89%	8.76	(6.57)	-75%
<b>Total Revenues</b>	<b>450.93</b>	<b>517.05</b>	<b>-66.12</b>	<b>-13%</b>	<b>410.22</b>	<b>40.71</b>	<b>10%</b>

\* Sales Tax is not included. Note Sales Tax is broken out below.

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

## Variance to Spend Plan - Fiscal Year to Date

Total Variance (\$66.1)m, (12.8%) of Forecast to Date



## Commentary

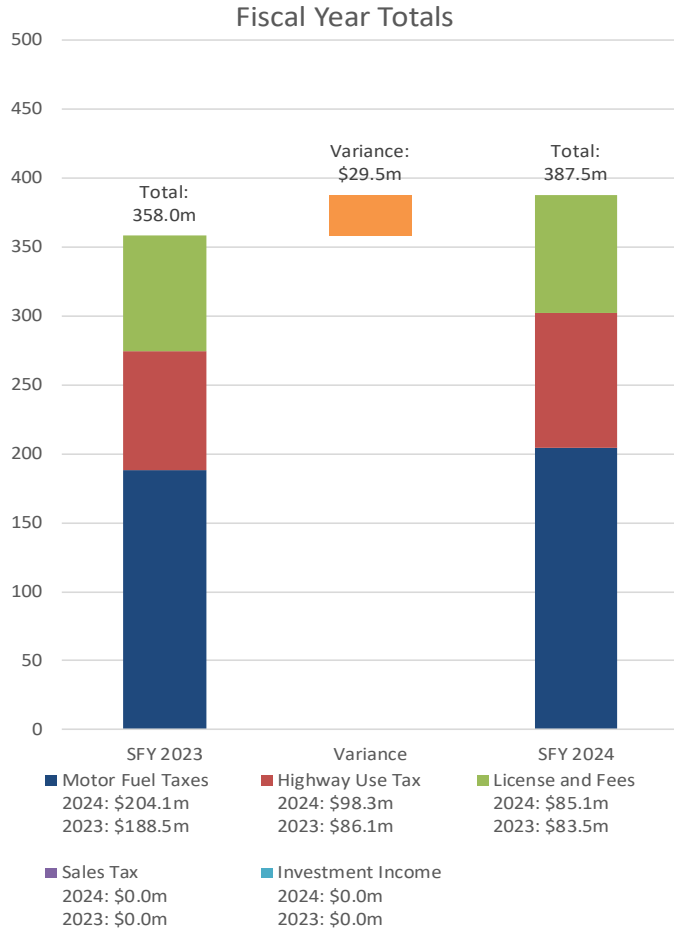
- YOY increase in revenues is attributable to an increase in HF (7.2%) and HTF (9.9%) revenues, and an increase in FHWA receipts.

Description	Actuals		Variance - Fiscal Year to Date		Track Against Full Year Spend Plan		Variance to Prior Year- FYTD		
	Actuals As of 07/31	Fiscal YTD Spend Plan	\$ Variance, FYTD	% Variance, FYTD	Full Year Spend Plan (June 6, 2023)	% of SFY 2023 Spend Plan	Prior Year	\$ Variance, FYTD	% Variance
Highway Fund*	236.00	225.80	10.20	5%	2,857.70	8%	220.12	15.88	7%
Highway Trust Fund*	151.50	151.53	(0.02)	0%	1,882.30	8%	137.90	13.60	10%
FHWA Federal Aid	48.70	58.22	(9.52)	-16%	1,548.03	3%	39.09	9.61	25%
Federal Aid - InfraGrant	0.07	3.05	(2.98)	-98%	15.40	0%	1.40	(1.34)	-95%
Turnpike Federal Aid	0.02	-	0.02	na	-	na	(0.01)	0.03	-261%
Sales Tax	-	34.97	(34.97)	-100%	419.60	0%	-	-	na
Other	12.44	15.65	(3.21)	-21%	411.64	3%	2.95	9.49	322%
GARVEE	-	8.47	(8.47)	-100%	29.59	0%	-	-	na
Build NC	2.20	19.35	(17.15)	-89%	56.29	4%	8.76	(6.57)	-75%
<b>Total Revenues</b>	<b>450.93</b>	<b>517.05</b>	<b>-66.12</b>	<b>-13%</b>	<b>7,220.55</b>	<b>6%</b>	<b>410.22</b>	<b>40.71</b>	<b>10%</b>

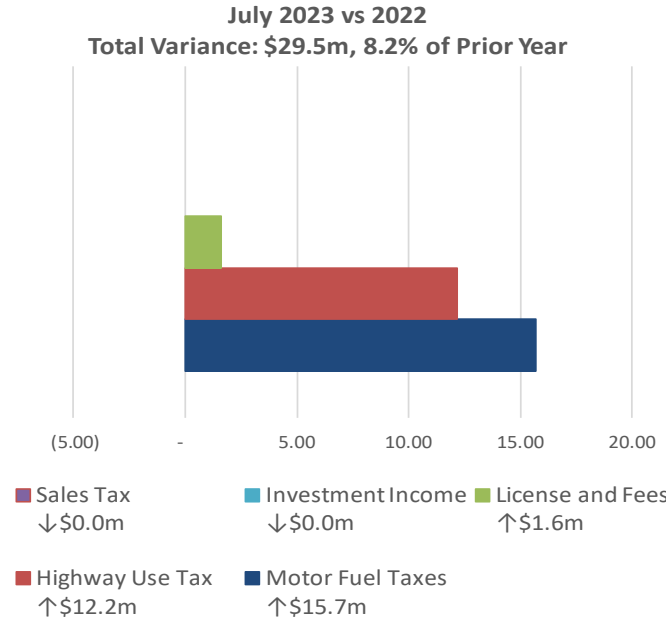
\* Sales Tax is not included. Note Sales Tax is broken out below.

# Revenues by Source – Highway Fund & Trust Fund – July 2023(\$M)

## FYTD YoY Variance



## Monthly YoY Variance



## Commentary

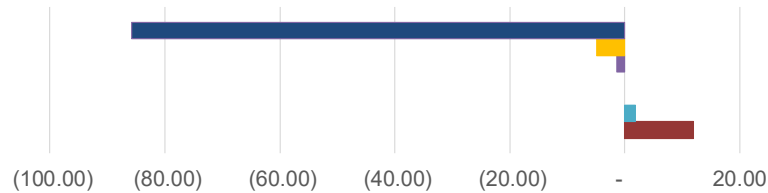
- FYTD Highway Fund and Trust Fund State revenues have grown by 8.2% on a combined basis as compared to SFY 2023.
- July YTD Motor Fuel Tax, Highway Use Tax, and License & Fees are up YOY; 8.3%, 14.2%, and 1.9%, respectively.

Revenue	Prior Year Comparison					
	Comparison to Prior Year - Month of July		Comparison to Prior Year - Fiscal Year to Date			
	July 2023	July 2022	Current FYTD Actual Revenue (Jul '23 - Jul '23)	Previous FYTD Actual Revenue (Jul '22 - Jul '22)	FYTD YoY \$ Δ	FYTD YoY % Δ
Motor Fuel Taxes	204.14	188.46	204.14	188.46	15.68	8%
Highway Use Tax	98.27	86.09	98.27	86.09	12.18	14%
License and Fees	85.09	83.49	85.09	83.49	1.60	2%
Investment Income	-	-	-	-	-	na
Sales Tax	-	-	-	-	-	na
<b>Total Revenue</b>	<b>387.5</b>	<b>358.0</b>	<b>387.5</b>	<b>358.0</b>	<b>29.5</b>	<b>8%</b>

# Overall Expenditure Variances – Monthly (\$M)

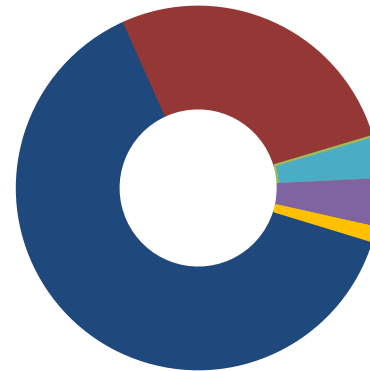
## Variance to Spend Plan - Month of Jul

Jul Variance: (\$78.4)m, (13.7%) of Spend Plan



- Construction ↓(\$85.8)m
- Municipal Aid ↓\$0.0m
- Maintenance (including FEMA) ↑\$11.9m
- Transfers to Other Agencies ↓(\$4.9)m
- NCTA GAP funds /Emergency Reserve ↓\$0.0m
- Administrative /Other Programs ↓(\$1.3)m
- Other Modes ↑\$1.8m

## Monthly Forecast Makeup



- Construction, 64%
- Maintenance (including FEMA), 27%
- Other Modes, 4%
- Administration/Other Programs, 4%
- NCTA GAP funds / Emergency Reserve, 0%
- Municipal Aid, 0%
- Transfers to Other Agencies, 1%

## Commentary

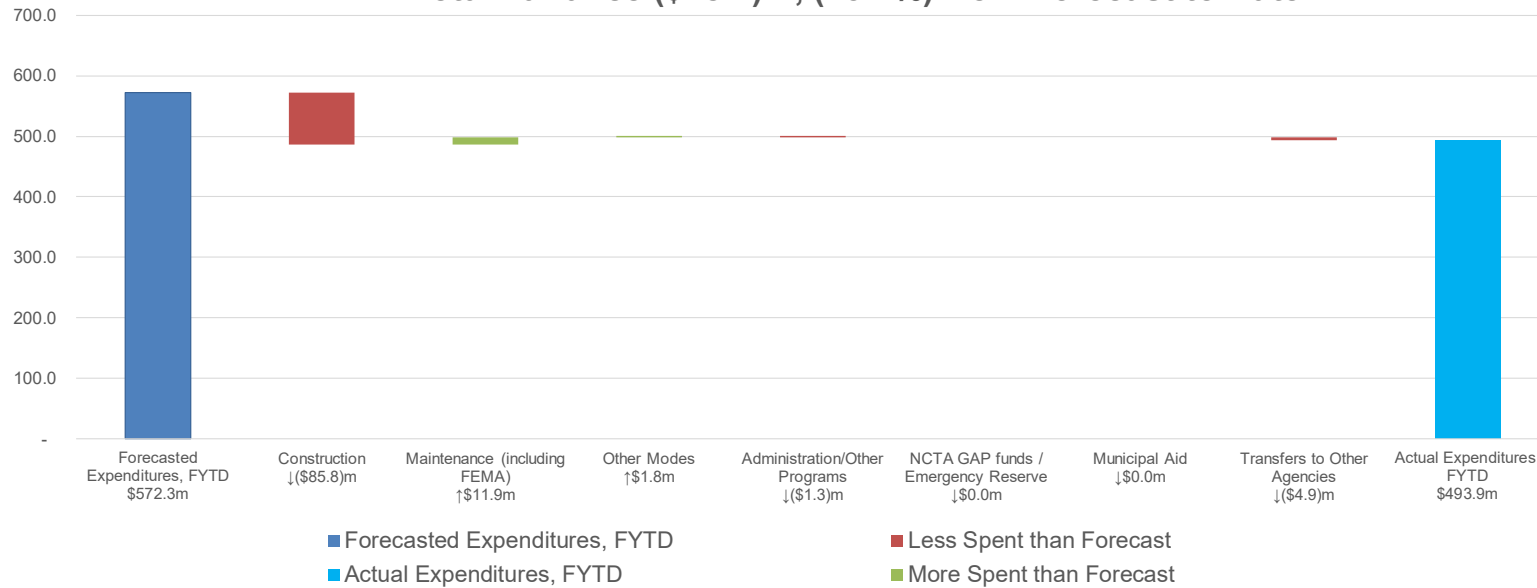
- Expenditures for the month of July were 13.7%, or \$78.4m less than forecasted.
- Construction has a negative variance to spend plan of -23.6% or -\$85.8M.
- Maintenance was 7.7% or \$11.8M above forecast, largely due to Economic Development.
- Modal was 8.4% or \$1.9M above forecast, due to Integrated Mobility Division (IMD).

Description	Actuals		Variance - Monthly		Variance to Prior Year- Monthly		
	Actuals For Month Ending 07/31	Spend Plan	\$ Variance, Monthly	% Variance, Monthly	Prior Year	\$ Variance, Monthly	% Variance, Monthly
Construction	278.10	363.91	(85.81)	-24%	274.14	3.96	1%
Maintenance (including FEMA)	166.86	154.99	11.87	8%	220.40	(53.55)	-24%
Other Modes	23.87	22.02	1.85	8%	15.27	8.60	56%
Administration/Other Programs	23.02	24.37	(1.35)	-6%	20.19	2.83	14%
NCTA GAP funds / Emergency Reserve	-	-	-	na	-	-	na
Municipal Aid	-	-	-	na	-	-	na
Transfers to Other Agencies	2.06	6.99	(4.93)	-71%	-	2.06	na
<b>Total Expenditures</b>	<b>493.90</b>	<b>572.27</b>	<b>-78.37</b>	<b>-14%</b>	<b>530.00</b>	<b>-36.09</b>	<b>-7%</b>

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

## Variance to Spend Plan - Fiscal Year to Date

Total Variance (\$78.4)m, (13.7%) from Forecast to Date



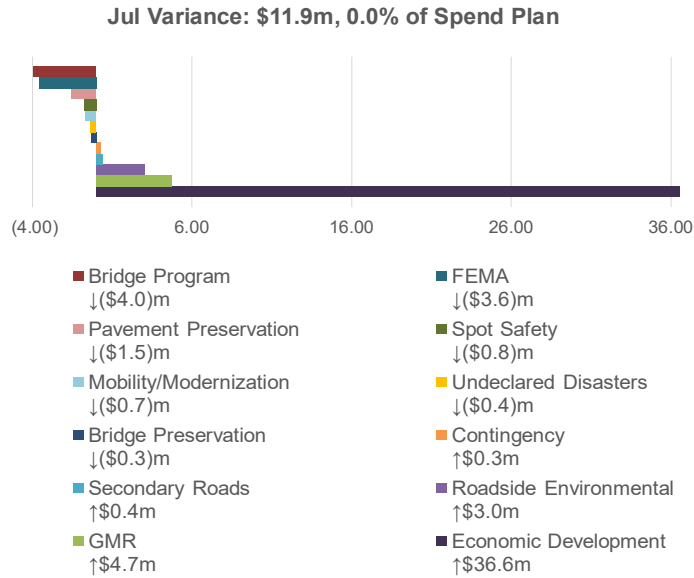
## Commentary

- Overall actual expenditures are down YOY, decreasing by -6.8% from \$530.0M FYTD July 2022 to \$493.9M FYTD July 2023, labor and material shortages continue to lead to expenditures falling behind forecast.
- YOY decrease (-6.8%) in overall expenditures is due to Maintenance.

Description	Actuals		Variance - Fiscal Year to Date		Track Against Full Year Spend Plan		Variance to Prior Year- FYTD		
	Actuals As of 07/31	Fiscal YTD Spend Plan	\$ Variance, FYTD	% Variance, FYTD	Full Year Spend Plan (June 6, 2023)	% of SFY 2023 Spend Plan	Prior Year	\$ Variance, FYTD	% Variance
Construction	278.10	363.91	(85.81)	-23.6%	4,175.65	7%	274.14	3.96	1%
Maintenance (including FEMA)	166.86	154.99	11.87	7.7%	2,061.23	8%	220.40	(53.55)	-24%
Other Modes	23.87	22.02	1.85	8.4%	473.72	5%	15.27	8.60	56%
Administration/Other Programs	23.02	24.37	(1.35)	-5.5%	390.71	6%	20.19	2.83	14%
NCTA GAP funds / Emergency Reserve	-	-	-	na	49.00	0%	-	-	na
Municipal Aid	-	-	-	na	154.88	0%	-	-	na
Transfers to Other Agencies	2.06	6.99	(4.93)	-71%	60.45	3%	-	2.06	na
<b>Total Expenditures</b>	<b>493.90</b>	<b>572.27</b>	<b>-78.37</b>	<b>-14%</b>	<b>7,365.64</b>	<b>7%</b>	<b>530.00</b>	<b>-36.09</b>	<b>-7%</b>

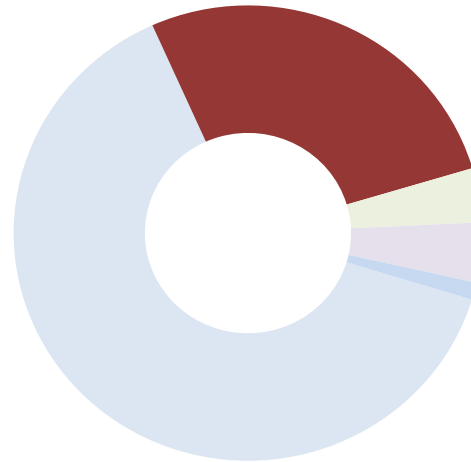
# Maintenance Expenditure Variances – Monthly (\$M)

## Variance to Spend Plan - Month of Jul



## Monthly Expenditure

Maintenance is 27.1% of July Spend Plan



## Commentary

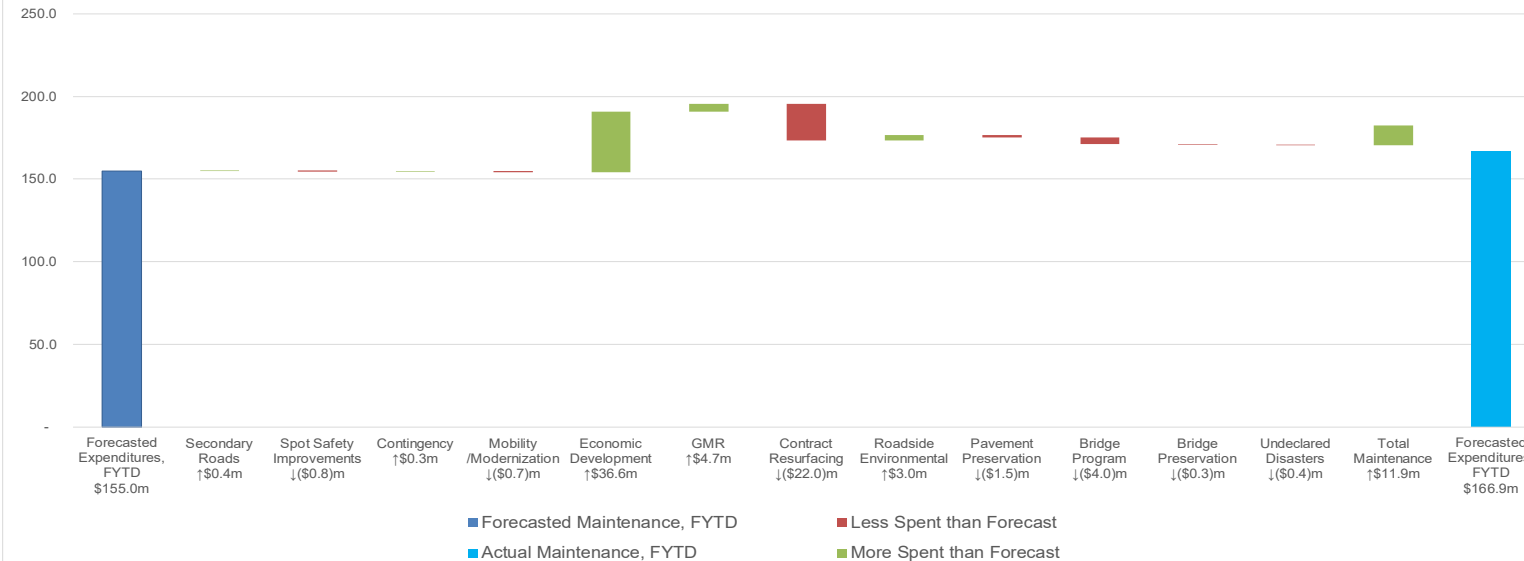
- Maintenance expenditures for July were 7.7% above forecast.
- Overall positive variance to spend plan in July is due to Economic Development with expenditures in the amount of \$38.4M.
- Contract Resurfacing had a negative variance of -\$22.0M or -37.1%.

Description	Actuals			Variance - Monthly		Variance to Prior Year- Monthly			
	Actuals For Month Ending 07/31	Spend Plan		\$ Variance, Monthly	% Variance, Monthly	Prior Year	\$ Variance, Monthly	% Variance, Monthly	
Secondary Roads	1.56	1.18	0.38		33%	0.92	0.64	70%	
Spot Safety Improve.	0.42	1.17	(0.75)		-64%	0.55	(0.14)	-25%	
Contingency	1.11	0.81	0.30		36%	2.42	(1.32)	-54%	
Mobility/Modernization	2.01	2.69	(0.68)		-25%	2.88	(0.87)	-30%	
Economic Development	38.43	1.87	36.56		1955%	61.41	(22.98)	-37%	
GMR	42.97	38.24	4.72		12%	34.88	8.09	23%	
Contract Resurfacing	37.21	59.19	(21.99)		-37%	75.44	(38.23)	-51%	
Roadside Environmental	10.60	7.56	3.04		40%	8.04	2.56	32%	
Pavement Preservation	8.97	10.48	(1.51)		-14%	3.87	5.10	132%	
Bridge Program	18.21	22.17	(3.96)		-18%	21.72	(3.51)	-16%	
Bridge Preservation	4.51	4.82	(0.31)		-6%	6.24	(1.73)	-28%	
Undeclared Disasters	0.44	0.80	(0.36)		-45%	(0.12)	0.55	-480%	
FEMA	0.43	4.01	(3.57)		-89%	2.15	(1.72)	-80%	
<b>Total Maintenance</b>	<b>166.86</b>	<b>154.99</b>	<b>11.87</b>		<b>8%</b>	<b>220.40</b>	<b>-53.55</b>	<b>-24%</b>	

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

## Variance to Spend Plan - Fiscal Year to Date

Total Variance \$11.9m, 7.7% from Forecast to Date



## Commentary

- Maintenance expenditures are down significantly YOY, decreasing by -24.3% from \$220.4M FYTD July 2022 to \$166.9M FYTD July 2023.
- YOY decrease is due to Economic Development and Contract Resurfacing.

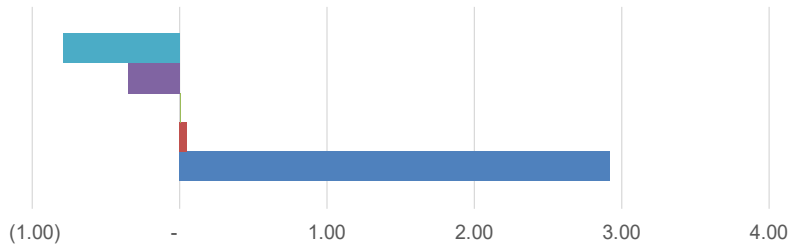
Description	Actuals		Variance - Fiscal Year to Date		Track Against Full Year Spend Plan		Variance to Prior Year - FYTD		
	Actuals As of 07/31	Fiscal YTD Spend Plan	\$ Variance, FYTD	% Variance, FYTD	Full Year Spend Plan (June 6, 2023)	% of SFY 2023 Spend Plan	Prior Year	\$ Variance, FYTD	% Variance
Secondary Roads	1.56	1.18	0.38	33%	12.00	13%	0.92	0.64	100%
Spot Safety Improve.	0.42	1.17	(0.75)	-64%	12.10	3%	0.55	(0.14)	-25%
Contingency	1.11	0.81	0.30	36%	12.00	9%	2.42	(1.32)	-54%
Mobility/Modernization	2.01	2.69	(0.68)	-25%	41.44	5%	2.88	(0.87)	-30%
Economic Development	38.43	1.87	36.56	1955%	228.74	17%	61.41	(22.98)	-37%
GMR	42.97	38.24	4.72	12%	473.66	9%	34.88	8.09	23%
Contract Resurfacing	37.21	59.19	(21.99)	-37%	572.16	7%	75.44	(38.23)	-51%
Roadside Environmental	10.60	7.56	3.04	40%	118.89	9%	8.04	2.56	32%
Pavement Preservation	8.97	10.48	(1.51)	-14%	85.80	10%	3.87	5.10	132%
Bridge Program	18.21	22.17	(3.96)	-18%	274.99	7%	21.72	(3.51)	-16%
Bridge Preservation	4.51	4.82	(0.31)	-6%	71.28	6%	6.24	(1.73)	-28%
Undeclared Disasters	0.44	0.80	(0.36)	-45%	91.28	0%	(0.12)	0.55	-480%
FEMA	0.43	4.01	(3.57)	-89%	66.90	1%	2.15	(1.72)	-80%
<b>Total Maintenance</b>	<b>166.86</b>	<b>154.99</b>	<b>11.87</b>	<b>8%</b>	<b>2,061.23</b>	<b>8%</b>	<b>220.40</b>	<b>-53.55</b>	<b>-24%</b>



# Modal Expenditure Variances – Monthly (\$M)

## Variance to Spend Plan - Month of Jul

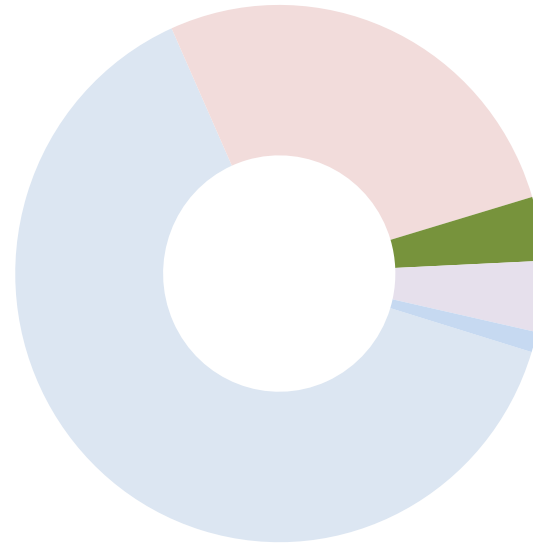
Jul Variance: \$1.8m, 8.4% of Spend Plan



- Railroad Program  
↓(\$0.8)m
- Ferry Operations  
↓(\$0.3)m
- Aviation  
↑\$0.0m
- Ferry Capital  
↑\$0.1m
- Integrated Mobility Division  
↑\$2.9m

## Monthly Expenditure Makeup

Modal is 3.8% of July Spend Plan



## Commentary

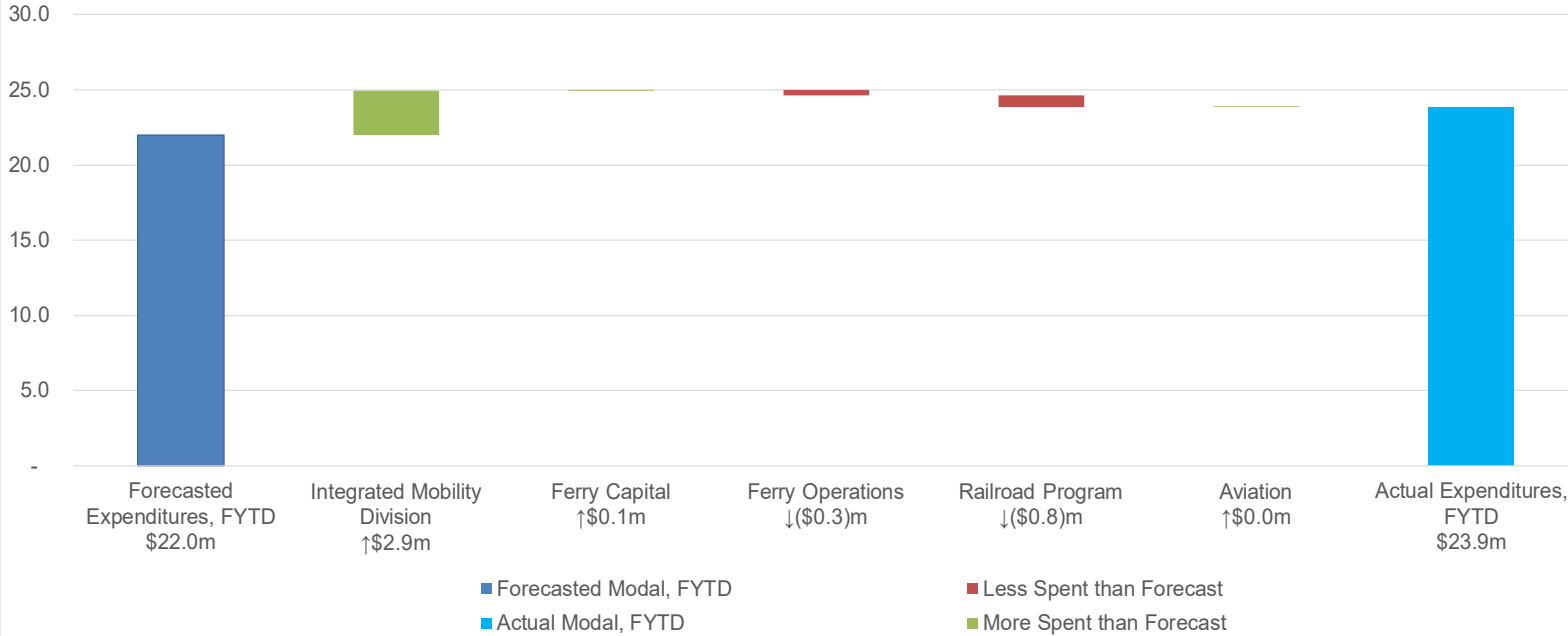
- Modal expenditures for July were 8.4%, \$1.8M above forecast.
- Overall positive variance to spend plan can be attributable to Integrated Mobility Division expenditures.
- IMD’s July 2023 expenditures were greater than anticipated because public transportation agencies submitted more end-of-year requests for reimbursement than anticipated.

Description	Actuals		Variance - Monthly		Variance to Prior Year- Monthly		
	Actuals For Month Ending 07/31	Spend Plan	\$ Variance, Monthly	% Variance, Monthly	Prior Year	\$ Variance, Monthly	% Variance, Monthly
Integrated Mobility Division	7.66	4.74	2.92	62%	3.61	4.04	112%
Ferry Capital	0.05	-	0.05	na	1.64	(1.58)	-97%
Ferry Operations	4.58	4.92	(0.35)	-7%	3.37	1.20	36%
Railroad Program	5.38	6.16	(0.79)	-13%	2.40	2.97	124%
Aviation	6.20	6.20	0.00	0%	4.24	1.96	46%
<b>Total Modal</b>	<b>23.87</b>	<b>22.02</b>	<b>1.85</b>	<b>8%</b>	<b>15.27</b>	<b>8.60</b>	<b>56%</b>

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

## Variance to Spend Plan - Fiscal Year to Date

Total Variance \$1.8m, 8.4% from Forecast to Date

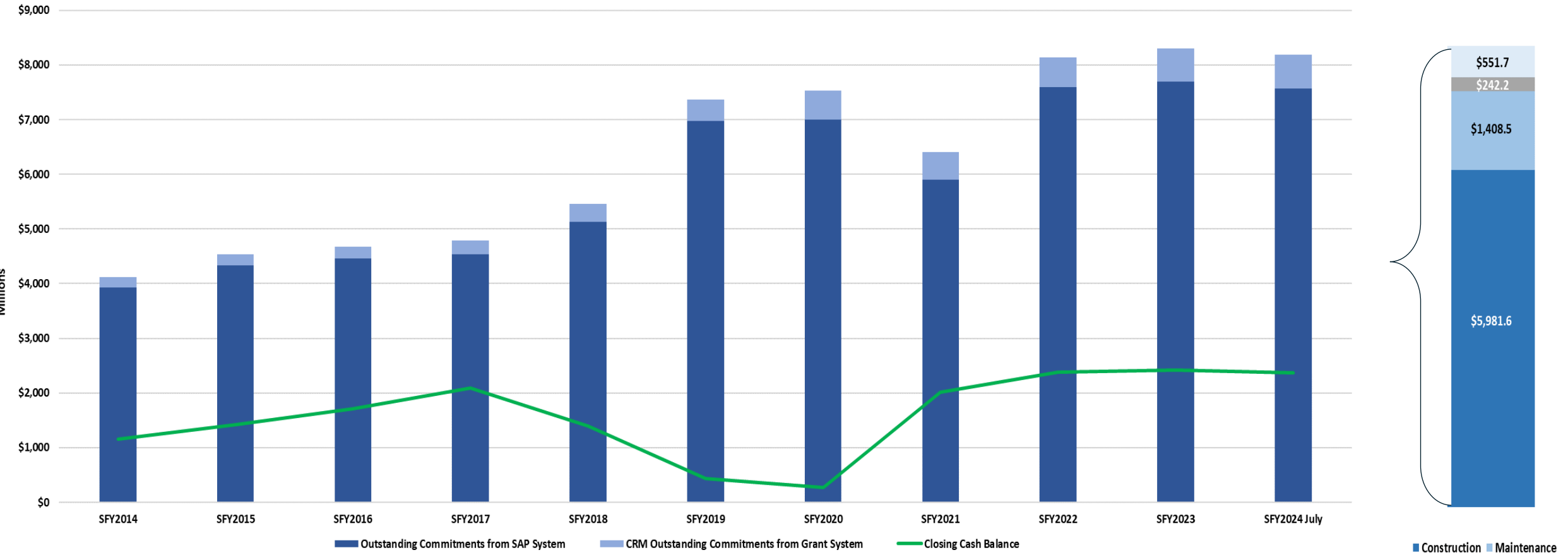


## Commentary

- Modal expenditures are up YOY, increasing by 56.3% from \$15.3M in SFY 2023 to \$23.9M for SFY 2024.
- YOY increase can be detected in all Modal sections except Ferry Capital.

Description	Actuals		Variance - Fiscal Year to Date		Track Against Full Year Spend Plan		Variance to Prior Year- FYTD		
	Actuals As of 07/31	Fiscal YTD Spend Plan	\$ Variance, FYTD	% Variance, FYTD	Full Year Spend Plan (June 6, 2023)	% of SFY 2023 Spend Plan	Prior Year	\$ Variance, FYTD	% Variance
Integrated Mobility Division	7.66	4.74	2.92	62%	130.11	6%	3.61	4.04	112%
Ferry Capital	0.05	-	0.05	na	-	na na	1.64	(1.58)	-97%
Ferry Operations	4.58	4.92	(0.35)	-7%	58.61	8%	3.37	1.20	36%
Railroad Program	5.38	6.16	(0.79)	-13%	94.72	6%	2.40	2.97	124%
Aviation	6.20	6.20	0.00	0%	190.27	3%	4.24	1.96	46%
<b>Total Modal</b>	<b>23.87</b>	<b>22.02</b>	<b>1.85</b>	<b>8%</b>	<b>473.72</b>	<b>5%</b>	<b>15.27</b>	<b>8.60</b>	<b>56%</b>

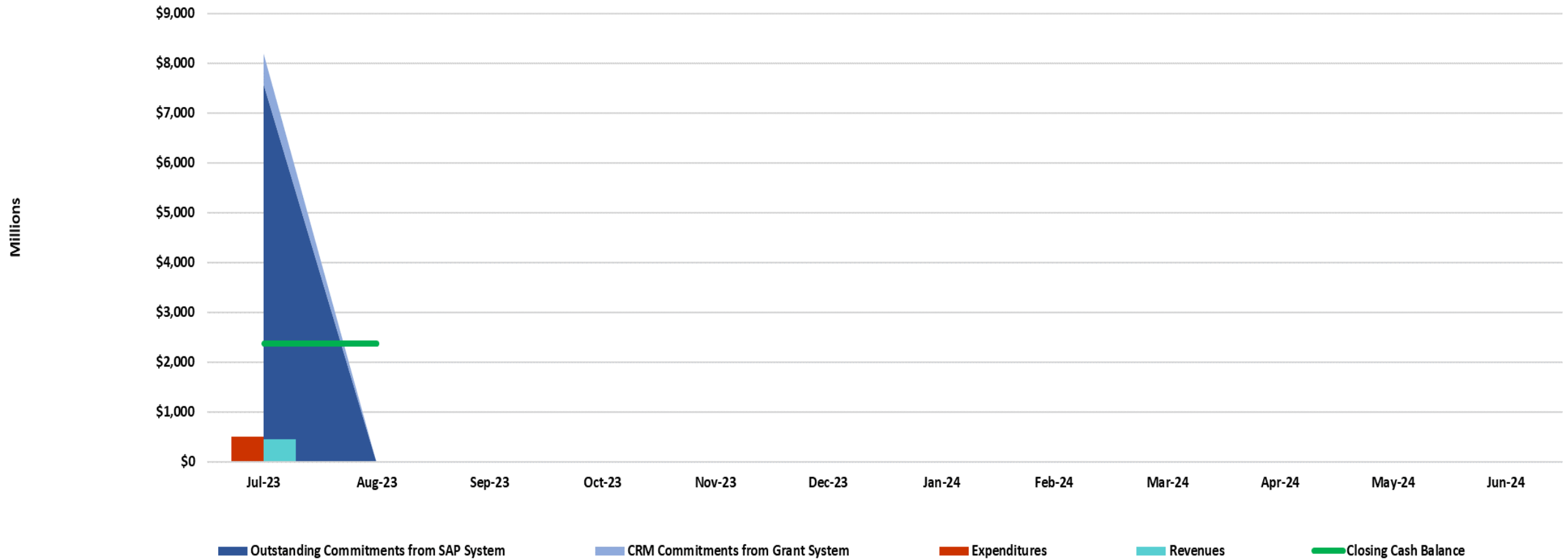
# NCDOT Outstanding Commitments & Closing Cash Balances by State Fiscal Year



## Percentage of Outstanding Commitments by Year

SFY <= 2017	SFY 2018	SFY 2019	SFY 2020	SFY 2021	SFY 2022	SFY 2023	SFY 2024
2.65%	2.23%	8.39%	10.47%	4.66%	30.78%	37.94%	2.88%

# NCDOT Outstanding Commitments & Closing Cash Balances by Month

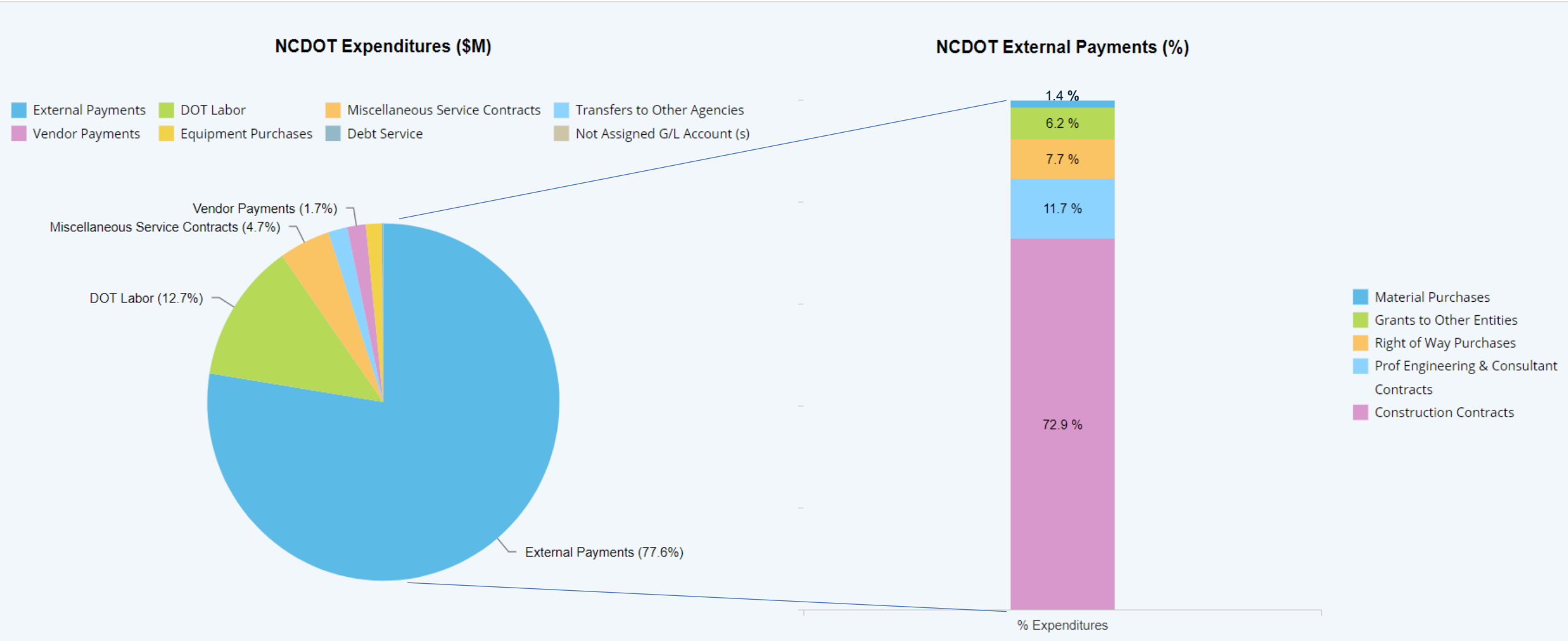


## Monthly Reporting Requirements and Requests

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- Per NCGS 143C-6-11(m) NCDOT is required to report each month when the department's combined average daily cash balance for the month is outside of the statutory target range. NCDOT has submitted this reporting requirement for July.
- Per Session Law 2020-91, Section 5.3(a), NCDOT posts a [Monthly Financial Statement Report](#) which includes the 18-month Spend Plan.

# NCDOT Expenditures SFY2024 as of July 31, 2023



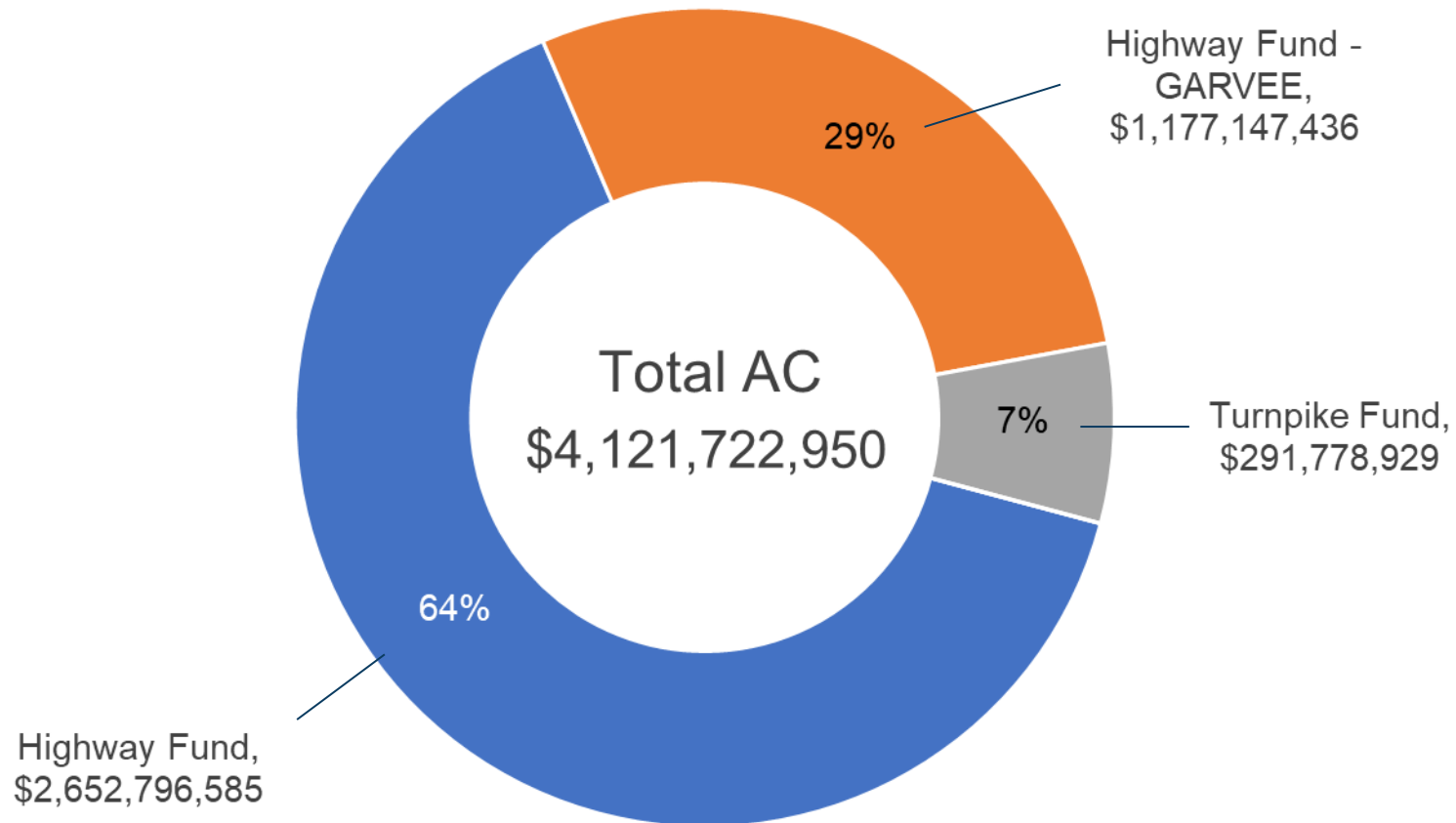
## Advance Construction

Funding Source	Unreimbursed Expenditures as of August 31, 2023	Apportionment in FY 2023**	Within Prescribed Limit?
National Highway Performance Program (NHPP)	\$115,148,653	\$772,579,357	YES
Surface Transportation Block Grant (STBG)*	\$73,132,869	\$375,849,417	YES
Highway Safety Improvement Program (HSIP)	\$61,884,628	\$80,520,985	YES

\* Includes bridge replacement balance

\*\* Allowable AC amount is annual FY 2023 Apportionment less Projected GARVEE Obligations

## Advance Construction Balance as of July 2023





## Advance Construction

Funding Source	AC Amount - August 24, 2023	Allowable AC amount FY 2023**	Within Prescribed Limit?
National Highway Performance Program (NHPP)	\$1,804,191,569	\$2,617,638,024	YES
Surface Transportation Block Grant (STBG)*	\$614,324,230	\$1,493,699,032	YES
Highway Safety Improvement Program (HSIP)	\$211,348,840	\$322,083,940	YES

\* Includes bridge replacement balance

\*\* Allowable AC amount is 4 times FY 2023 Apportionment less Projected GARVEE Obligations

# Contact Us

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**Mark Newsome**

mnewsome2@ncdot.gov




 @NCDOT

 NCDOT

 NCDOTcommunications

 @NCDOT

 ncdotcom

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# Thank you!

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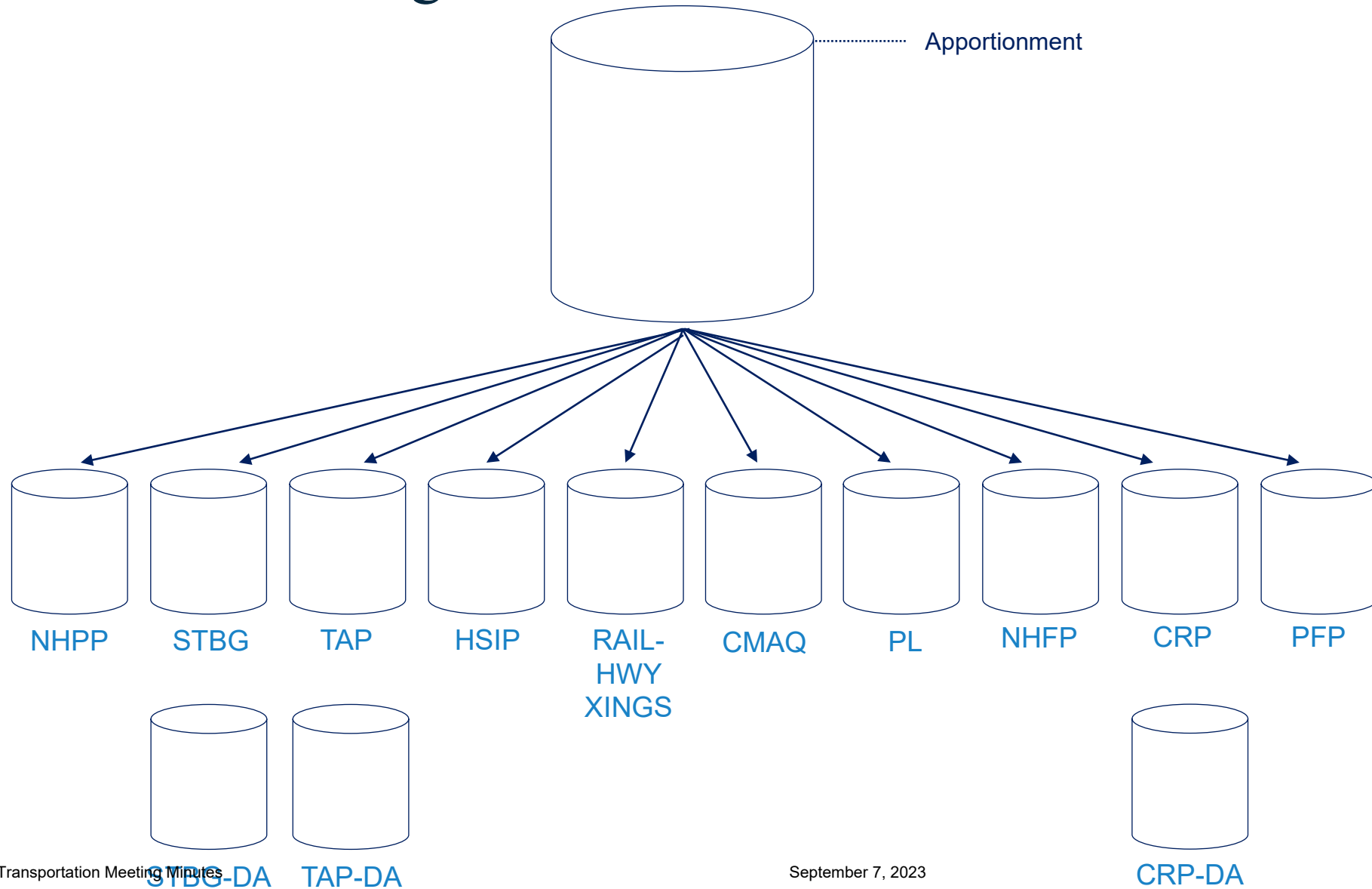
**NORTH CAROLINA**  
Department of Transportation

# August Redistribution

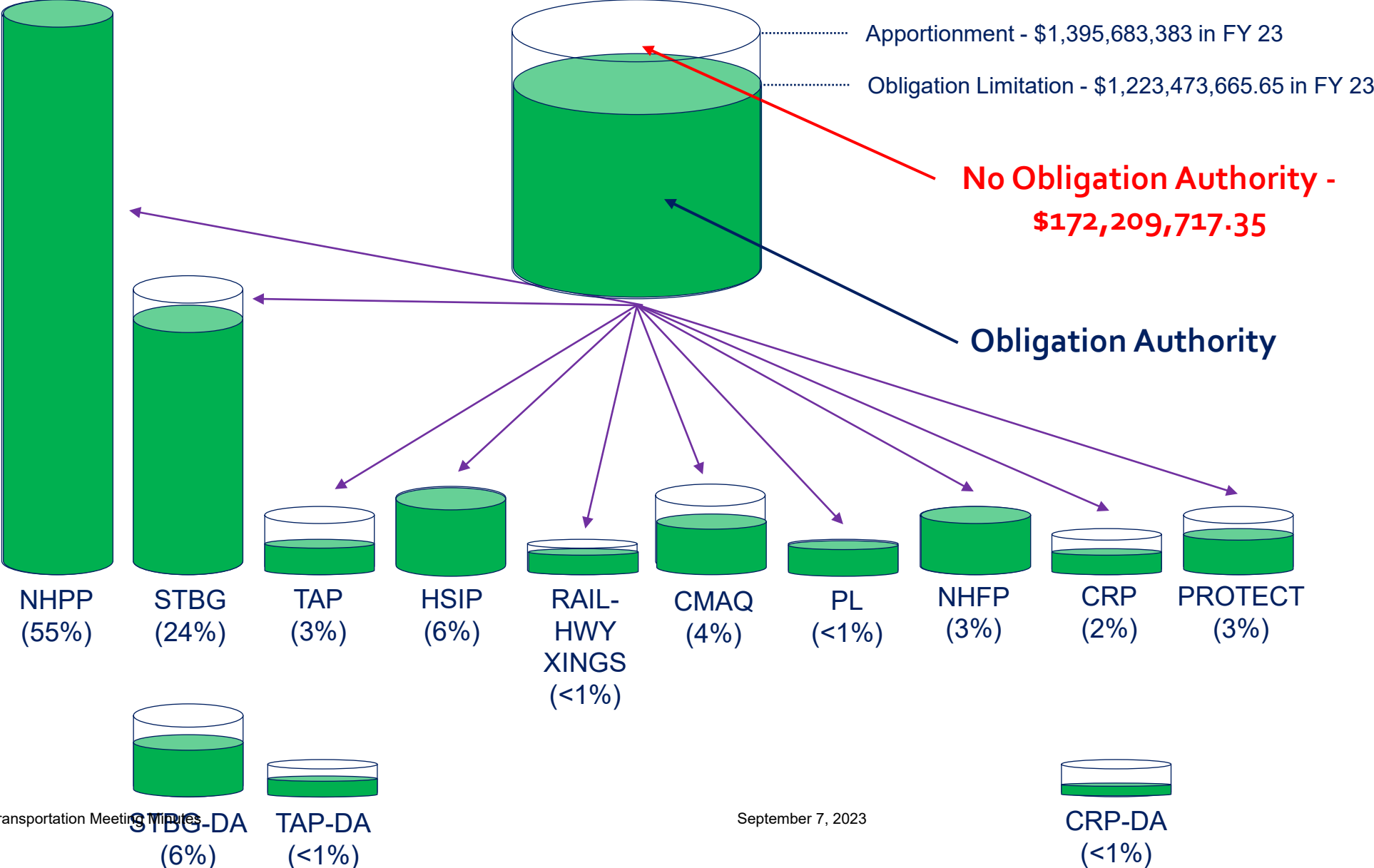
David Wasserman, P.E. – NCDOT STIP Unit

September 6, 2023

# Federal -Aid Funding



# Federal -Aid Funding



# What is August Redistribution?

Where FHWA redistributes unused obligation authority (OA) from federal programs that won't use their OA for that federal fiscal year to states that can use it

- Occurs each summer
- Think of OA as federal funding

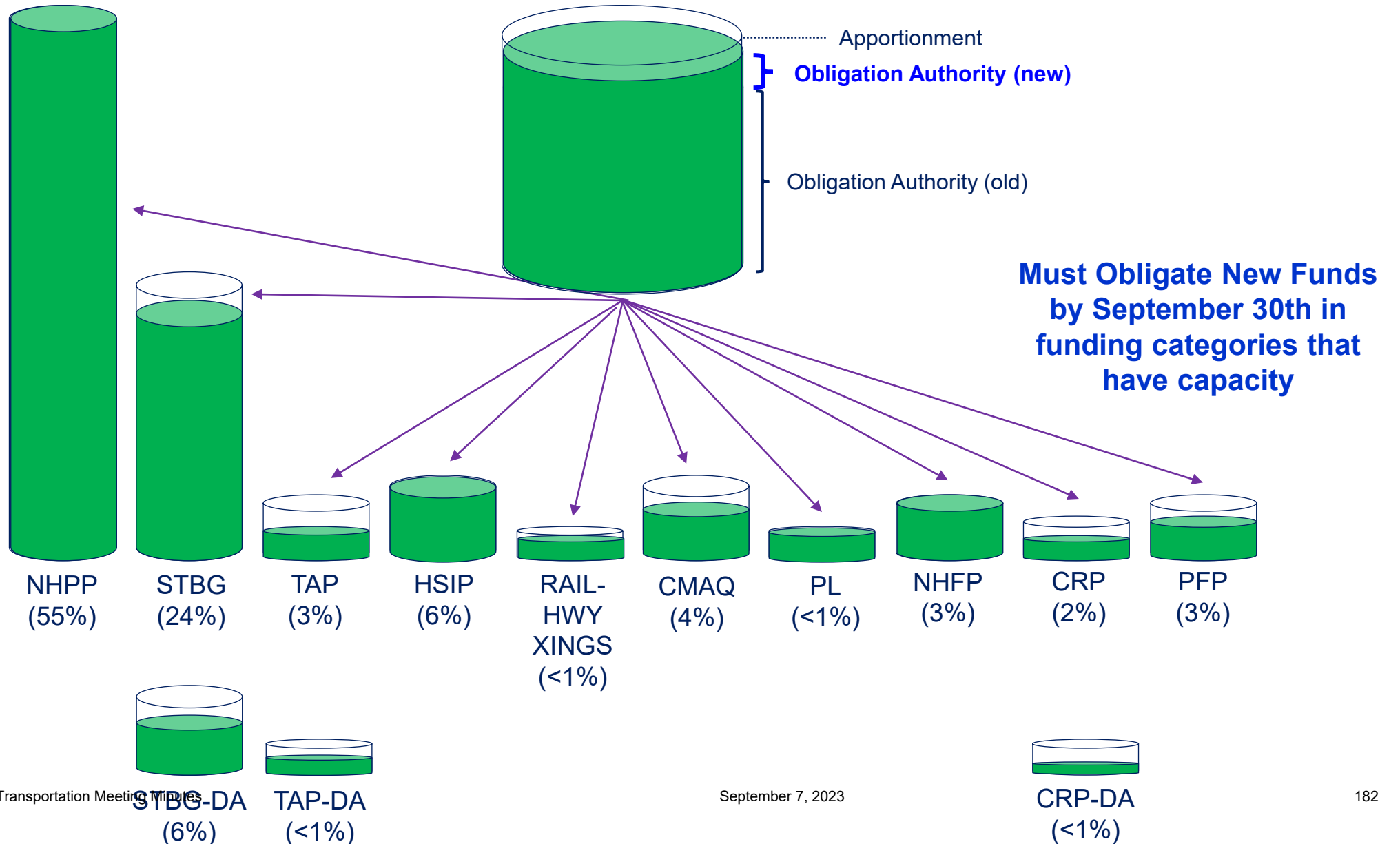
Each July, NCDOT submits a request for add'l OA we can use by Sept. 30<sup>th</sup>

By Aug. 30<sup>th</sup>, FHWA notifies each state how much add'l OA they'll receive.

Key to a larger request is to obligate as much federal funding in each of the different federal funding categories as possible

- Biggest challenge is authorizing funds in categories with Locally Administered Projects

# August Redistribution





# August Redistribution

Where does additional Obligation Authority (new funding) go?

- Must be obligated by September 30<sup>th</sup>
- Subject to STI funding distribution
- Typically goes for expenses previously paid with state funds on federal projects that have been authorized using Advance Construction (AC)
- This “conversion” reimburses NCDOT with federal funds

# August Redistribution

NCDOT has been very successful in previous years

- 2018 - \$168M
- 2019 - \$116M
- 2020 - \$144M
- 2021 - \$103M
- 2022 - \$277M
- 2023 - \$265M

Reason for success in 2022 & 2023 is due to high unobligated balances in new IJA programs AND numerous STBG-DA swaps performed (>\$150M).

# Future August Redistributions

To continue the recent successes, it is critical for our local partners to deliver projects on schedule

STIP Unit will send each BOT member a list of locally administered projects to encourage on-time delivery

# Discussion

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**NORTH CAROLINA**  
Department of Transportation

# Revenue Reporting

**NCDOT Financial Management**

*Michelle Ellis, Director of Forecasting and Spend Plan Management*

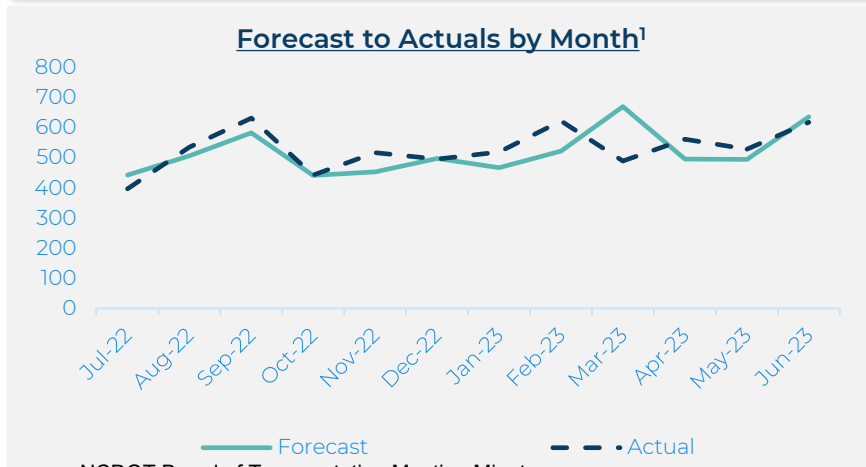
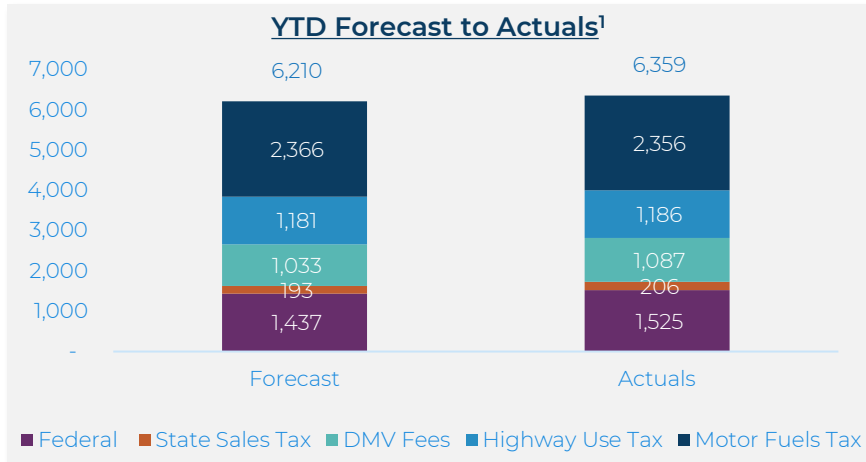
September 6, 2023






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

# Overall Revenue Performance Snapshot – SFY23

NCDOT has achieved \$6,359 million in revenue, 2.4% or \$149 million above forecast

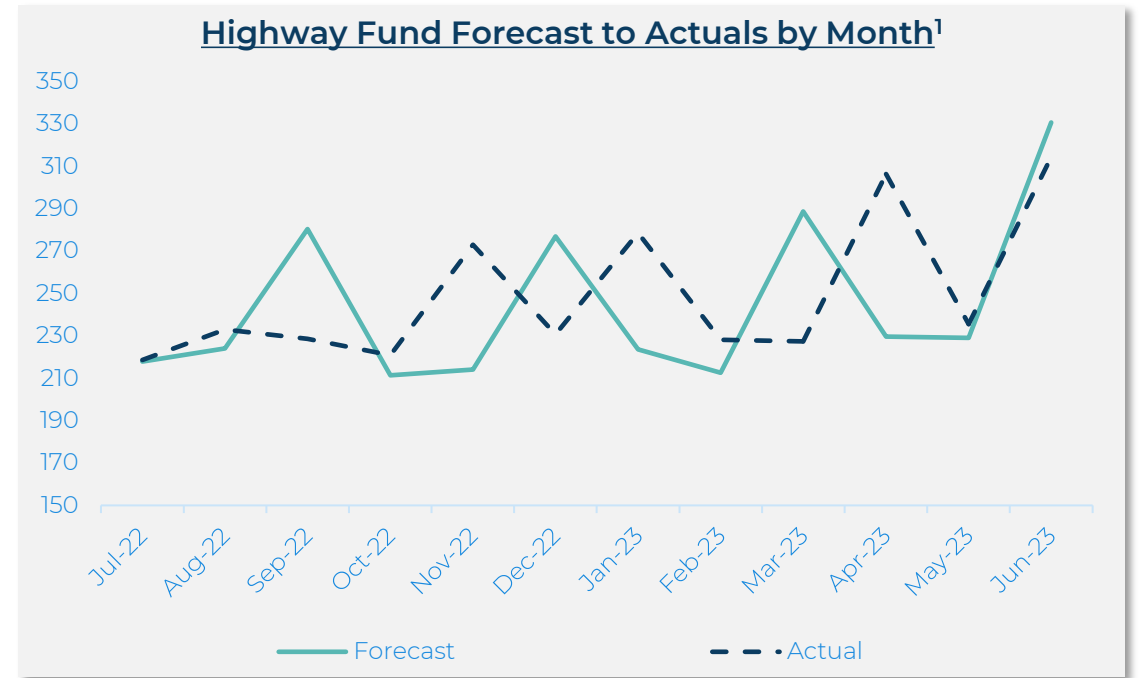
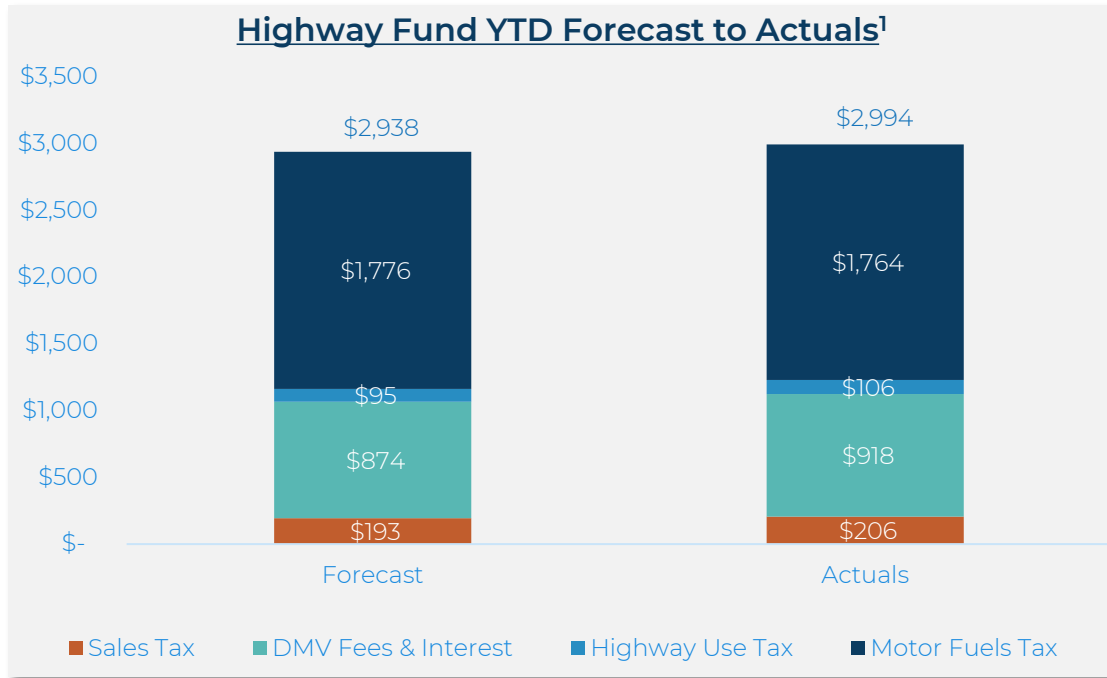
## Revenue Commentary by Source



	<b>Motor Fuels Tax</b>	<ul style="list-style-type: none"> <li>\$10m under forecast</li> <li>-0.4%</li> </ul>
	<b>Highway Use Tax</b>	<ul style="list-style-type: none"> <li>\$5m over forecast</li> <li>0.4%</li> </ul>
	<b>DMV Fees &amp; Interest</b>	<ul style="list-style-type: none"> <li>\$54m over forecast</li> <li>5.2%</li> </ul>
	<b>Sales Tax</b>	<ul style="list-style-type: none"> <li>\$12m over forecast</li> <li>6.4%</li> </ul>
	<b>Federal Revenue</b>	<ul style="list-style-type: none"> <li>\$89m over forecast</li> <li>6.2%</li> </ul>

1. \$ Millions, Excludes Trustee Reimbursements from Bonds and Other Revenues, Represents Certified Consensus State Revenue Comparisons

# Highway Fund Revenue Performance Snapshot – SFY23

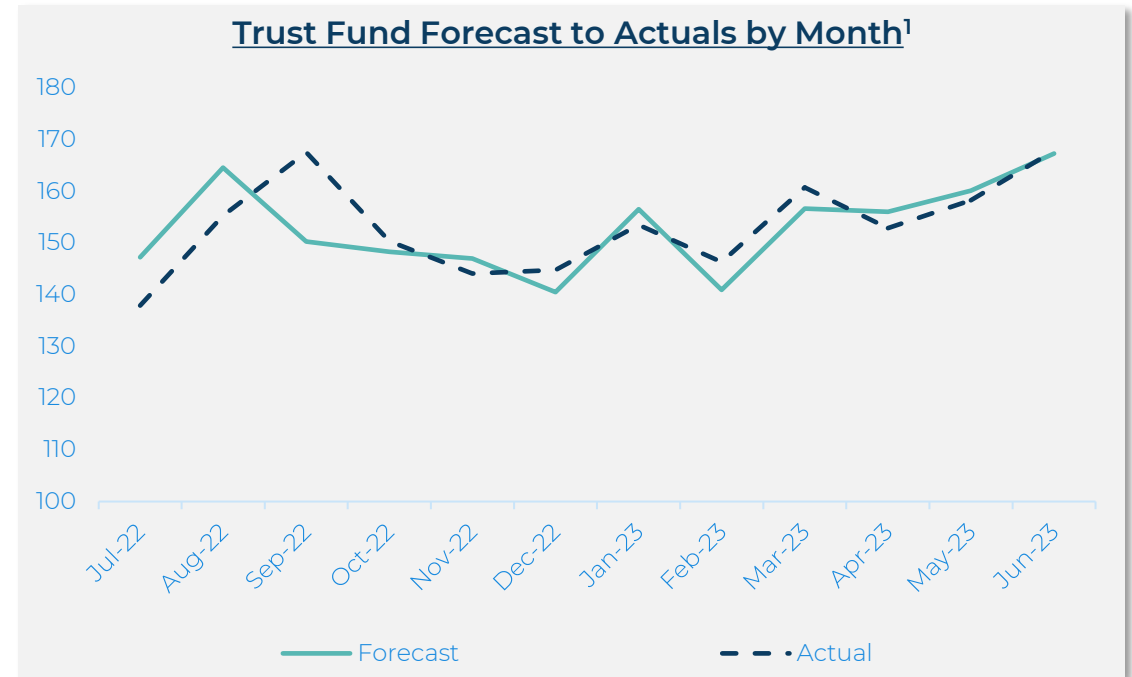
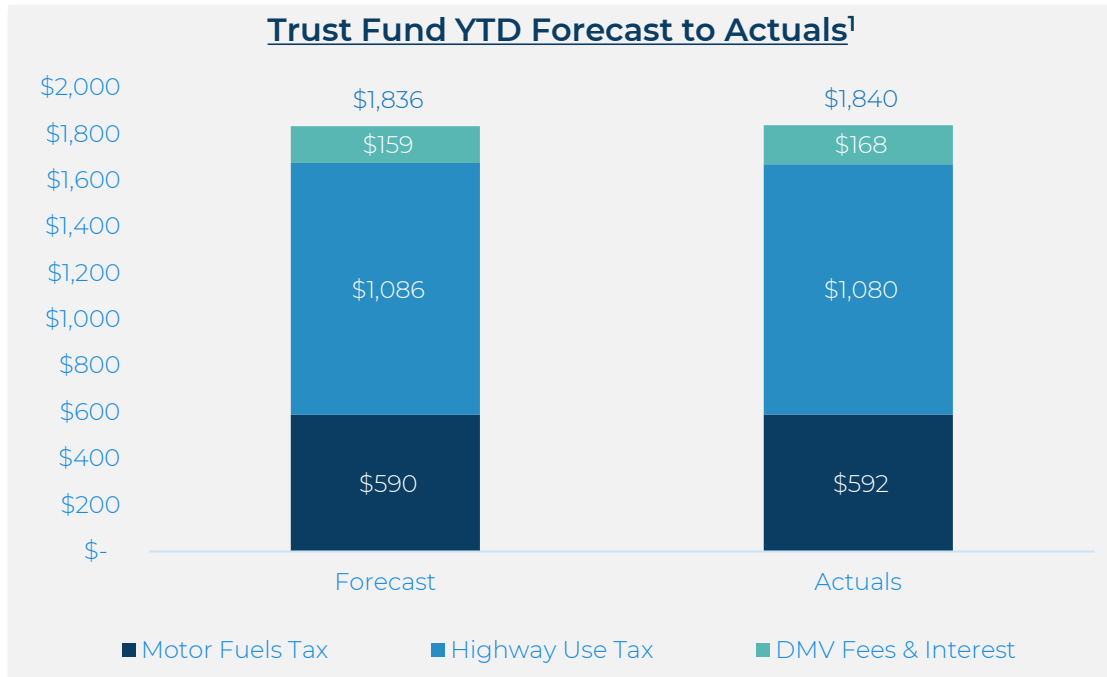


## Highway Fund Revenue Commentary

- Total revenue of \$2,994m YTD which represents 48% of total NCDOT revenue and closed the SFY at 1.9% above forecast

1. \$ Millions, excludes federal revenues

# Trust Fund Revenue Performance Snapshot – SFY23



## Trust Fund Revenue Commentary

- Total revenue of \$1,840m YTD which represents 29% of total NCDOT revenue and closed the SFY at 0.2% above forecast

1. \$ Millions, excludes federal revenues



# Detail

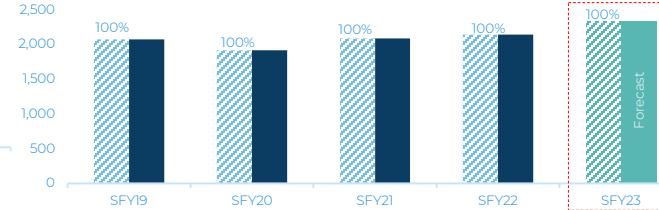
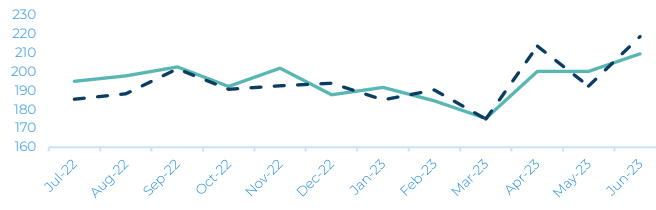
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# Motor Fuel Tax Snapshot

\$ millions

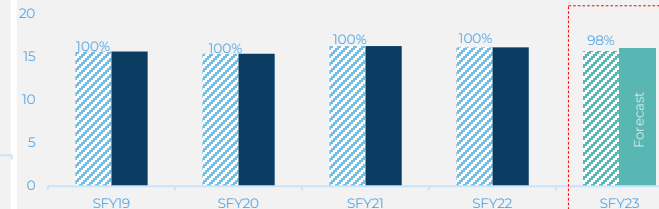
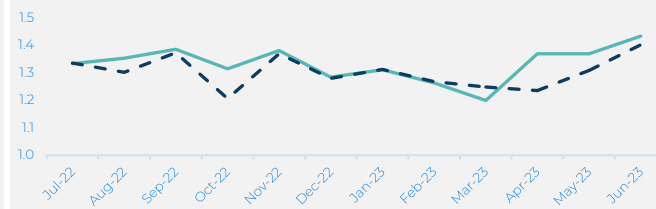
Current Fiscal Year	Five Year Trend	Commentary
---------------------	-----------------	------------

## Motor Fuels



- The motor fuels tax rate from Jan '22 to Dec '22 was 38.5 cents per gallon rising to 40.5 cents per gallon Jan '23 to Dec '23
- Actuals were less than forecast by \$11.3m

## Gasoline Inspection



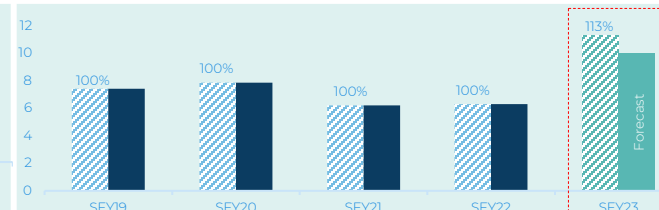
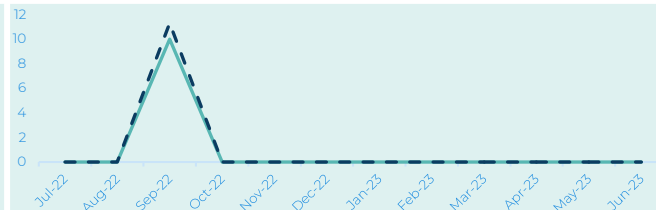
- Gas Inspection tax is .0025 cents per gallon
- No difference in actuals to forecast
- This revenue is transferred to the Department of Agriculture

## Highway Usage Registration



- Quarterly revenue received from Department of Revenue creating spikes
- Actuals were less than forecast by \$60k

## Jet Fuel Sales

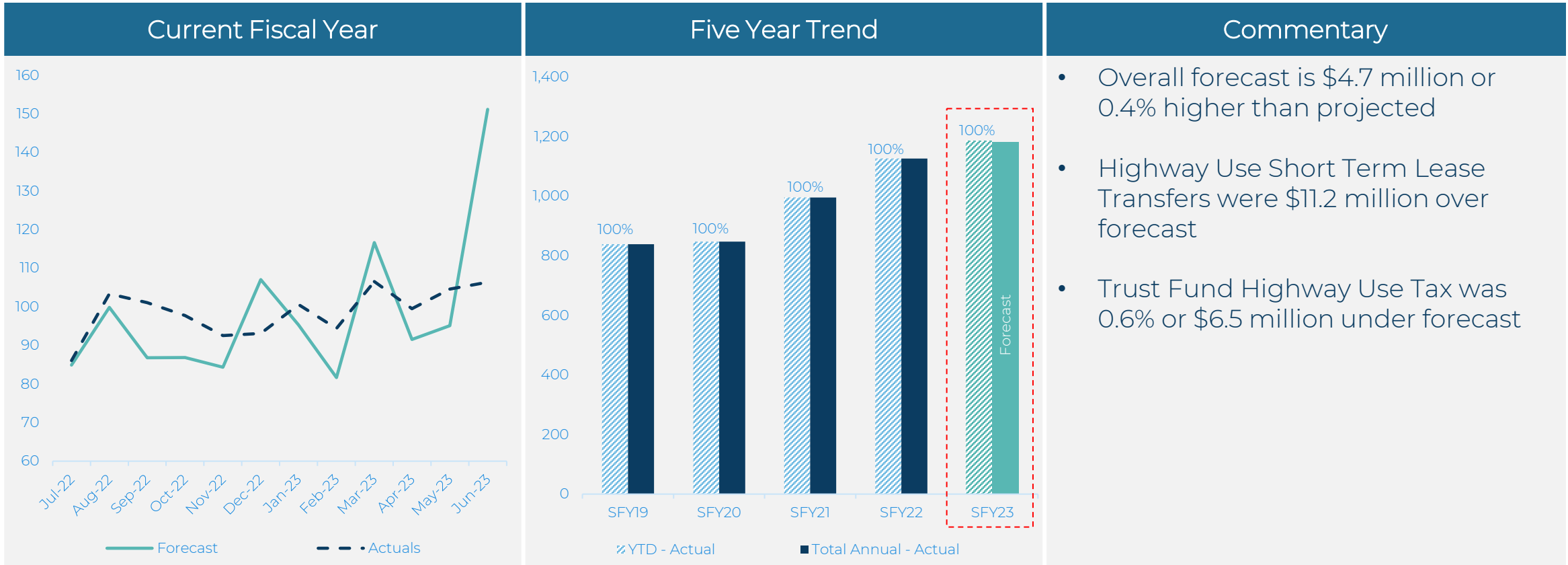


- 1 payment is received annually in September
- Actuals were \$1.3 million more than forecast

— Forecast    - - - Actuals    ▨ YTD - Actual    ■ Total Annual - Actual

# Highway Use Tax Snapshot

\$ millions



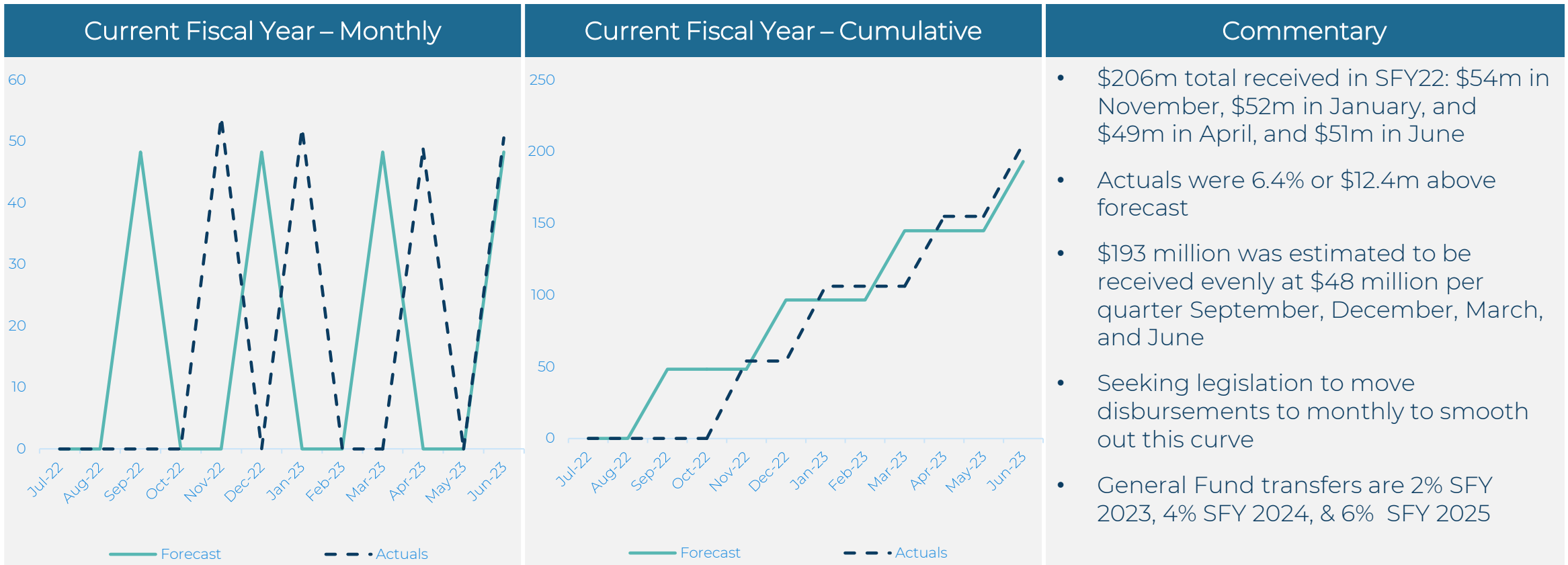
# DMV Fees & Interest Snapshot

\$ millions

	Current Fiscal Year	Five Year Trend	Commentary
Staggered Registration			Year to date actuals received are \$8.7 million higher than forecast
Driver Licenses			Year to date actuals received are \$6.3 million higher than forecast
Truck Licenses			Year to date actuals received are \$5.3 million higher than forecast
International Registration Plan			Year to date actuals received are \$3.3 million higher than forecast
Other			Year to date actuals received are \$30.0 million higher than forecast

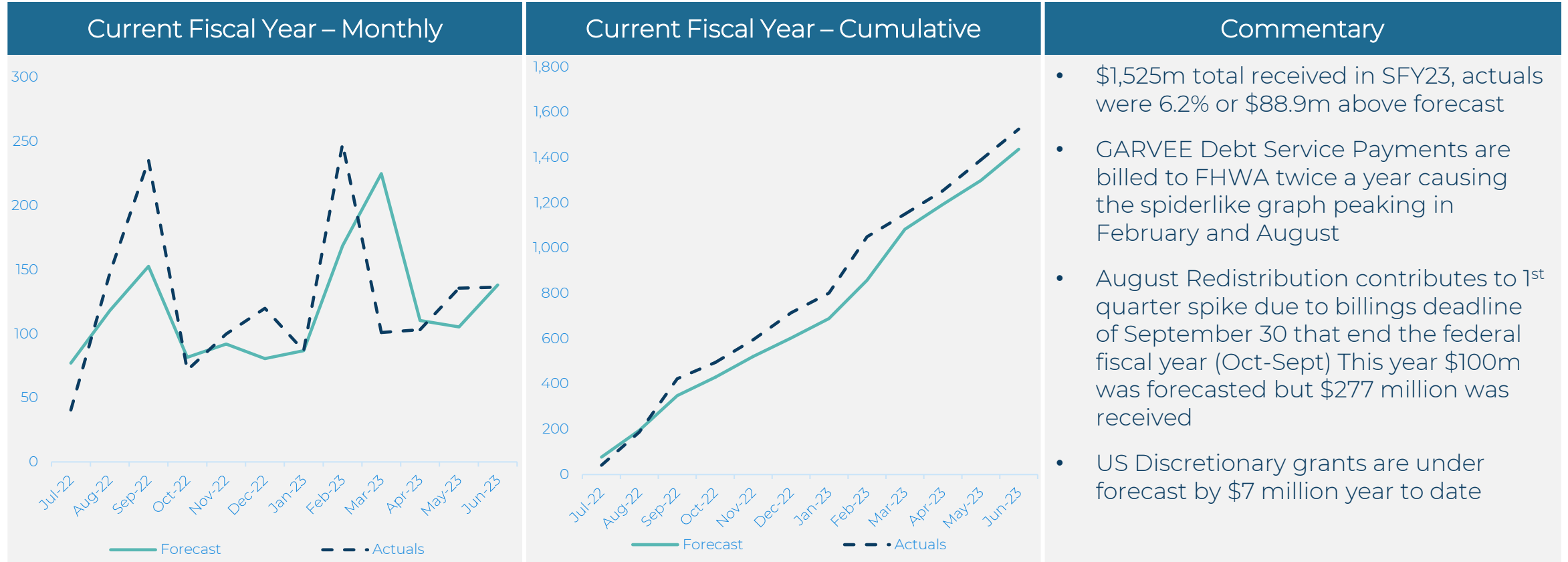
# Sales Tax Snapshot

\$ millions



# Federal Revenue Snapshot

\$ millions

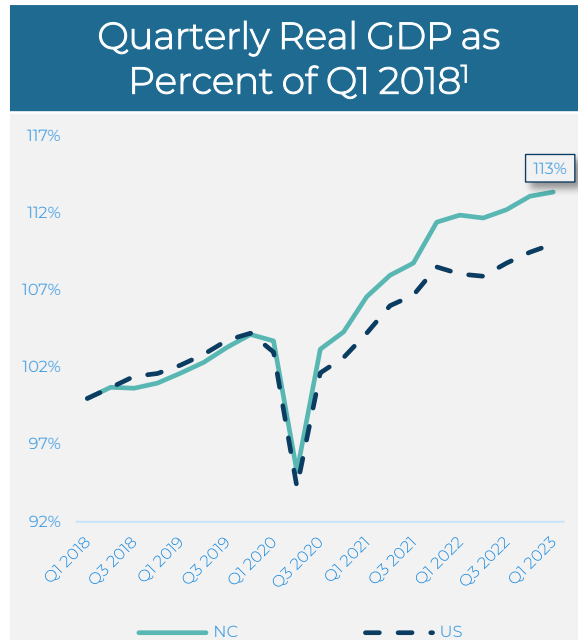


# Macroeconomic Overview

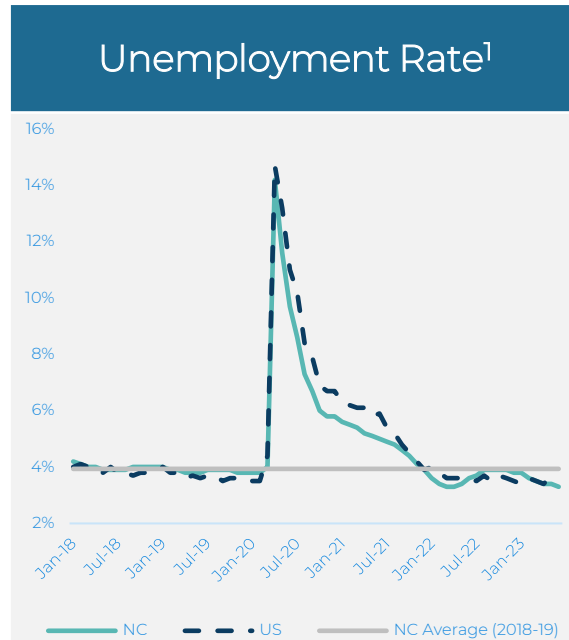


# Macroeconomic Overview

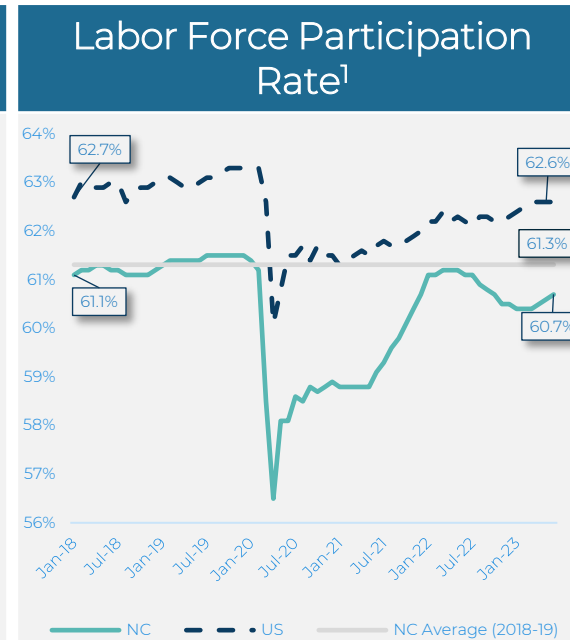
Economic fundamentals appear to be stabilizing, however there are some questions as to what the future holds



- Aggregate production of goods and services (GDP) continues to increase at an annual rate better than the national rate
- Increases are also greater than before COVID-19

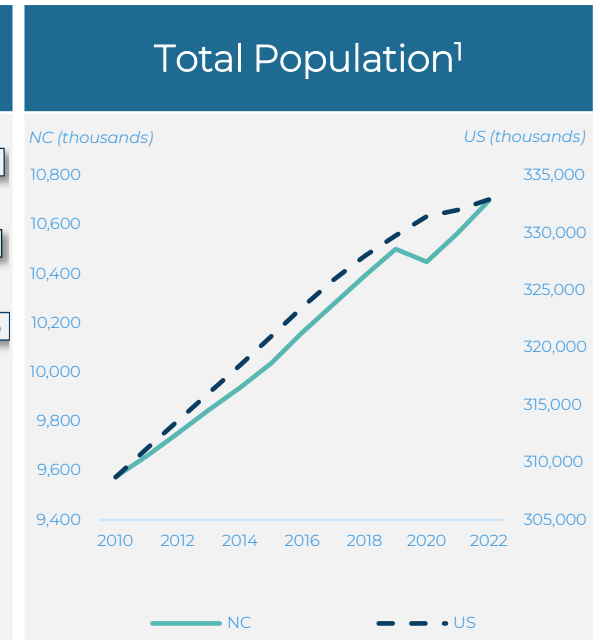


- Unemployment rate dropped to 3.3% in June for NC compared to 3.8% prior to COVID-19
- However, total statewide are still less than pre-pandemic levels



- The % of available individuals who are of working age and either have jobs or are looking for jobs is smaller than before COVID-19
- A smaller labor force is one of the reasons behind labor shortages in transportation

September 7, 2023



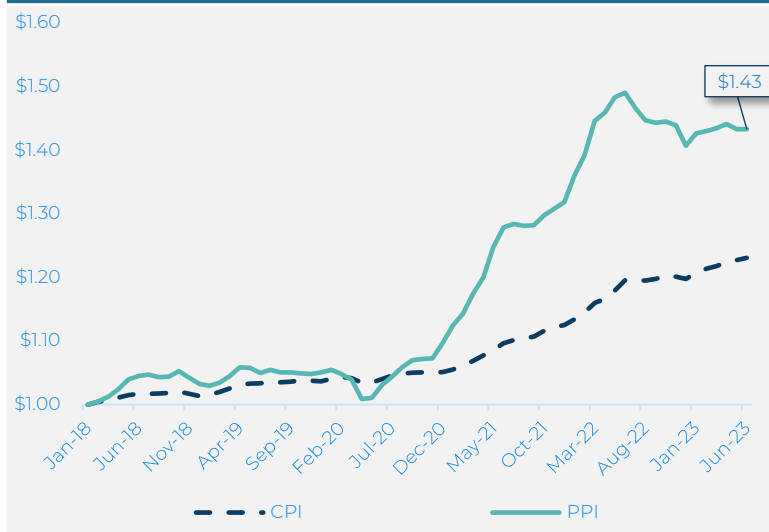
- NC experienced a dip in population in 2020, however overall growth continued starting in 2021
- NC's population grew 11.7% or 1.1 million between 2010 and 2022; this outpaced the US percent change of 7.8% over the same time period



# Macroeconomic Overview

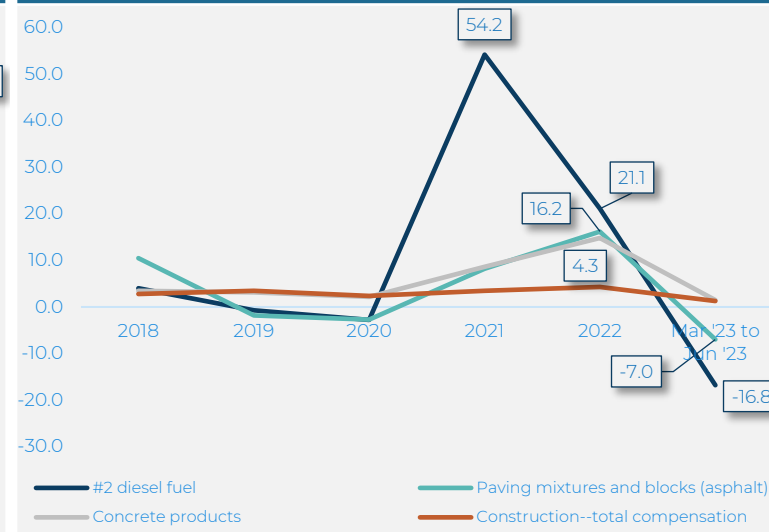
Revenue continues to face inflationary challenges that spiked during COVID and may have long-term consequences

CPI<sup>1</sup> & PPI<sup>2</sup> Nominal Dollar Value Relative to January 2018



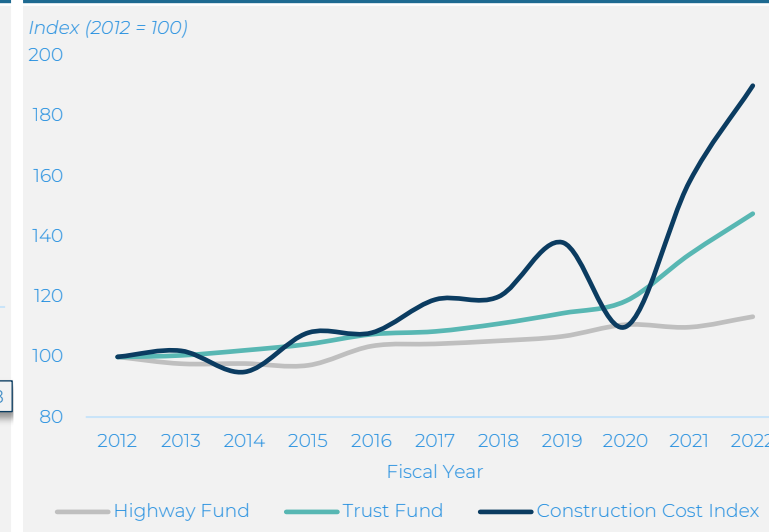
- The producer price index (PPI) has exceeded the consumer price index for inflation every month since August 2020 until December 2022
- COVID caused particularly significant disruptions to PPI that appear to be softening YoY in 2023

12-Month % PPI Change to December<sup>3</sup>



- #2 Diesel fuel increased 54.2% from 12/20 to 12/21
- Asphalt increased 16.1% and diesel fuel increased 21.1% from 12/21 to 12/22
- Construction labor costs have experienced a relatively steady increase over the past 5 years

NCDOT's Cost Index vs. Revenue Growth by State Fiscal Year<sup>4</sup> (Legislated / Inflationary)



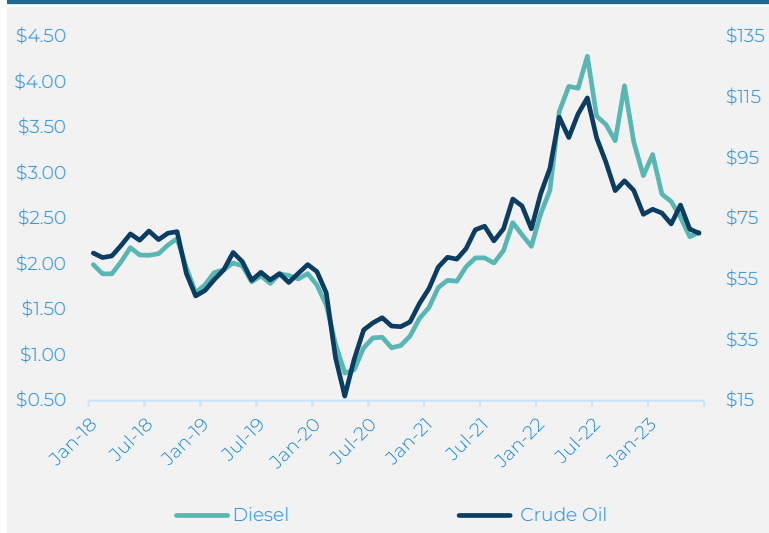
- Cost inflation has dampened the value of NCDOT's purchasing power despite significant revenue growth over the past 10 years

1. Source: US Bureau of Labor Statistics  
 2. Source: FRED economic data  
 3. Source: Associated General Contractors of America (AGC)  
 4. Source: NCDOT

# Macroeconomic Overview

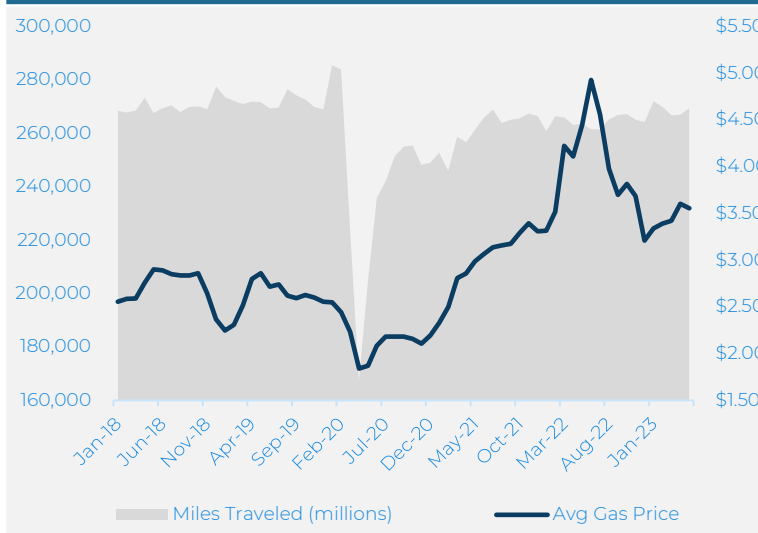
While there's been some instability in the oil/gas market, pricing has had an unclear affect on consumption

Global Crude Oil (WTI) and #2 Diesel Spot Prices<sup>1</sup>



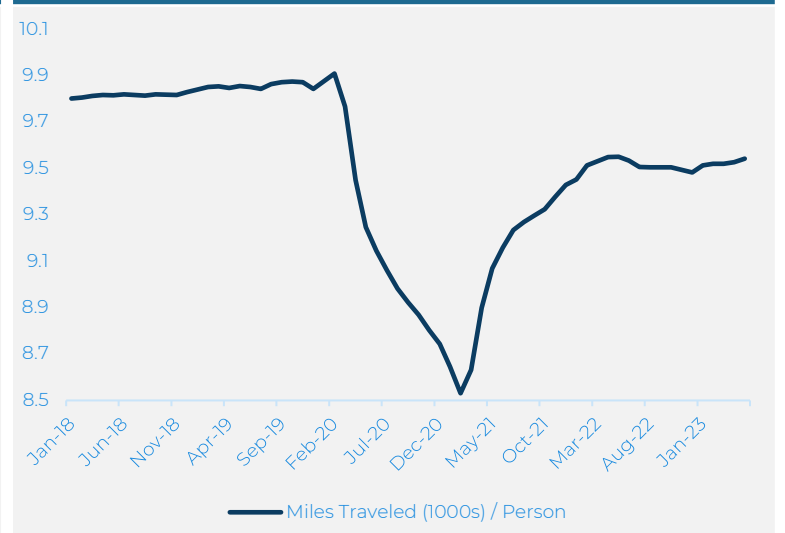
- Starting in 2022, there were irregularities in diesel pricing trends deviating from crude oil that has begun to stabilize
- NC's diesel consumption has been on the rise over the past decade due to increases in commerce; however, there have likely been short-term effects of this irregularity

U.S. Vehicle Miles Traveled<sup>2</sup> and Gas Price<sup>3</sup>



- Gas price has not typically had a significant effect on the miles traveled or individual transportation habits

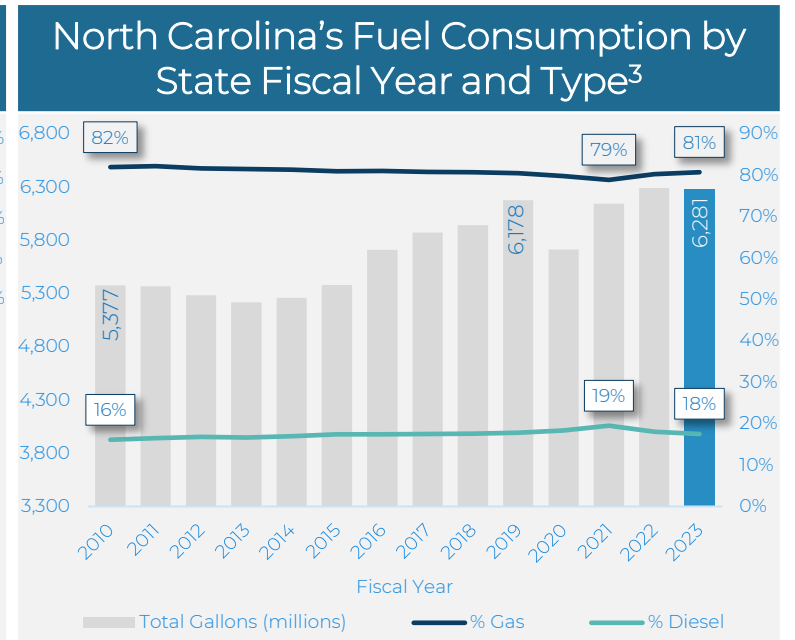
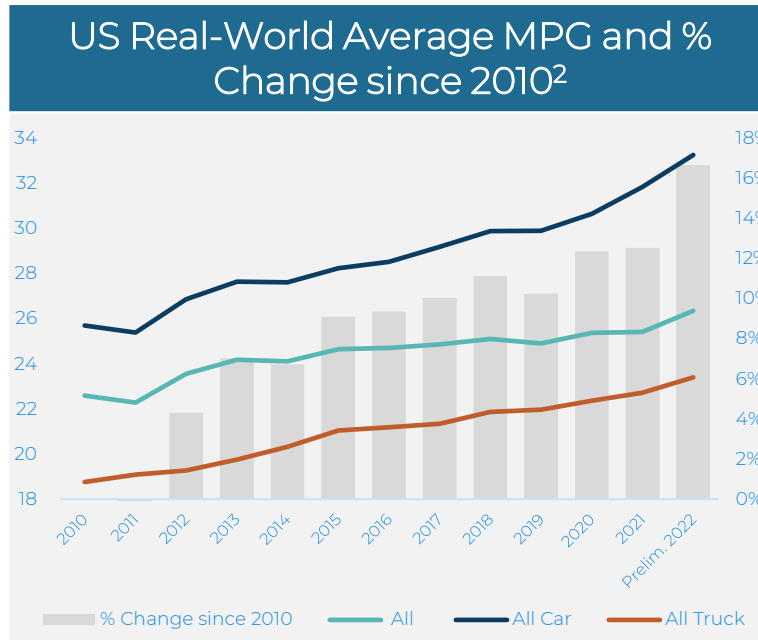
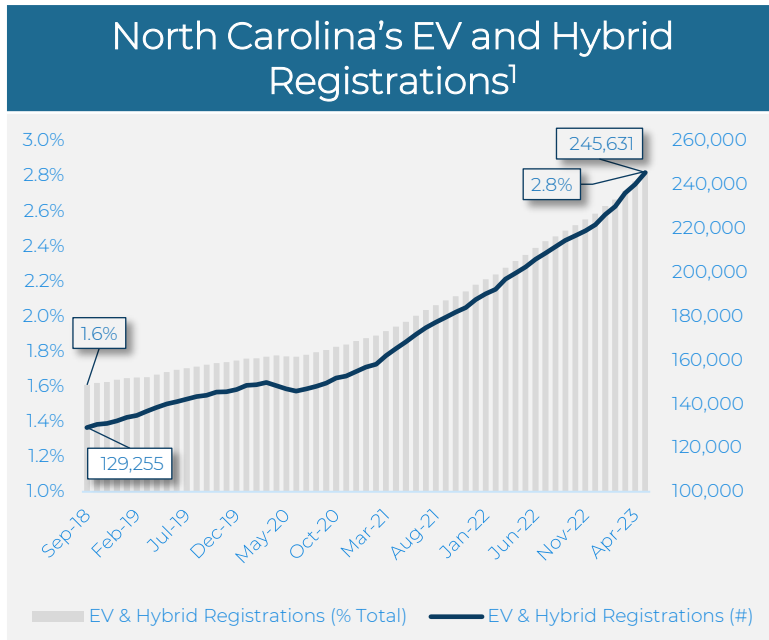
U.S. Moving 12-Month Total Vehicle Miles Traveled Per Person<sup>3</sup>



- The US populous is driving fewer miles per person despite a post-pandemic rebound

# Macroeconomic Overview

Fuel efficiency has steadily improved, however total fuel consumption in NC has generally increased over the same period



- In 2022, sales of electric vehicles increased 55% in the US<sup>4</sup>
- As of May 2023, there's been an 90% increase in the number of EV and Hybrid vehicles registered since September 2018 in NC
- Gas registrations has dropped from 93% to 91% of NC registrations since 2018 with diesel registrations remaining steady at ~6%

- On average, vehicles are over 17% more fuel efficient than they were roughly a decade ago

- State fuel consumption dropped after the great recession and after enduring varying COVID affects on mobility, we are seeing consumption pick back up to pre pandemic levels
- A continued growth in diesel sales (on avg. ~1.2% faster YoY) vs gasoline over the last decade highlights a slow shift away from personal consumption

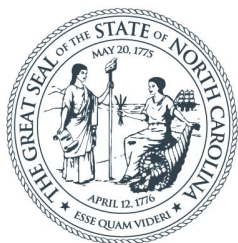
1. NCDOT Board of Transportation Meeting Minutes  
 Source: NCDOT's EV Registration Data  
 2. Source: US Environmental Protection Agency (EPA)  
 3. Source: NCDOT  
 4. Source: International Energy Agency

# Thank you!

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**Audit Plan  
2022-2023  
Engagements**

1. **CARES ACT**  
*Aviation (07-14-22)*  
*Integrated Mobility Division (IMD) (09-15-22)*
2. **Information Security/Technology**  
*Physical Security: Badge Access (02-16-23)*  
*IT Supplemental Staffing – in progress.*
3. **Procurement**  
*No engagement. Carry over to 2023-2024 Audit Plan.*
4. **P-Card Expenditure Review**  
*Purchasing Card Program:(P-Card) (02-22-23)*
5. **EAGLE**  
*Enhancing Accountability in Government through Leadership and Education (EAGLE).  
(07-28-23)*
6. **Division of Highways (1-14)**  
*Heavy Equipment Fleet Management (11-09-21)*  
*Highway Planning & Construction Change Management (03-18-22)*
7. **Highway Technical Services**  
*Roadway Design Unit: Project Delivery Process – (06-27-23)*
8. **Aviation**  
*Consulting services review (06-12-23).*
9. **Marine Asset Management (Ferry Division)**  
*No engagement. Carry over to 2023-2024 Audit Plan.*
10. **Rail**  
*Freight Rail & Rail Crossing Safety Improvement Program – in progress.*
11. **Disadvantaged Business Enterprise**  
*DBE Annual Renewal & Certification Process – in progress.*



**NORTH CAROLINA**  
Department of Transportation



# NC Division of Motor Vehicles Accountability and Auditing Unit

James Brittingham

September 6, 2023

# Primary Purpose of the Accountability and Auditing Unit

- The purpose of the audits are to ensure the offices we audit are operating in accordance with Federal and State laws, standard operating procedures, and Contractual agreements.
- Evaluate adherence to pertinent laws, regulations, policies, and industry standards by auditing key objectives such as legal adherence, risk mitigation, operational efficiency, transparency and accountability, and data security.

# Audit procedures

- Our procedures are designed to ensure accuracy, reliability, and compliance with applicable laws, regulations, and policies.
- Our audits focus on three main areas.
  1. Financials: Ensure DMV Departments/Units and Contractors are depositing state funds in accordance with applicable financial reporting framework.
  2. Physical Inventory: Mitigate fraud and theft; and identify any discrepancies between recorded inventory levels and actual counts.
  3. Compliance and adherence: Comprehensive evaluation of internal controls, policies, and standard operating procedures to ensure DMV Departments/Units and Contractors are adhering to applicable standards and identify any compliance gaps.
- All audits are in person, onsite audits.
- Our audits focus on three main areas Finding of Facts are documented and the audit report is signed by the Auditor and Representee.



# Accountability and Auditing Unit

- The Accountability Auditor performs audits throughout the state.
  - 10 Field Auditors stationed across the state, and 1 Lead Auditor stationed at Rocky Mount Head Quarter office.
  - 140 Contracted License Plate Agencies and Vehicle Service State offices.
  - On-line dealers; 841 within the State of North Carolina, and (20) On-line dealers located out-of-state who are contracted with DMV and the On-line Dealer Vendor to license and title vehicles.
  - 7 License & Theft District and the warehouse.
  - 116 Driver License Offices.
  - Customer Compliance Unit
  - Data Management Unit.
  - Motor Fleet Audit.

# Vehicle Service Audits

- Audit License Plate Agencies every 30-45 days.
  - I. Audit all deposits submitted to Treasurer's Office
  - II. Audit physical inventory provided by the Division of Motor Vehicles
  - III. Audit of processed documents and transactions to ensure applicable laws were followed, proper taxes were collected, and fees were not omitted arbitrarily.
  - IV. Yearly audits of Fixed assets/equipment provided by the Division.

# Online Dealers and Vendors

- Online Dealer audits are performed twice per year.
  - I. Audit physical inventory provided by the Division of Motor Vehicles
  - II. Audit of processed documents and transactions to ensure applicable laws were followed, proper taxes were collected, and fees were not omitted arbitrarily.

# Driver Service Audits

- Driver License audits are performed once every 4 months.
  - I. Audit all deposits submitted to Treasurer's Office
  - II. Audit of processed documents and transactions to ensure applicable laws were followed, proper fees were collected, and fees were not omitted arbitrarily.

# Customer Compliance Audits

- Driver License audits are performed once every 3 months.
  - I. Audit all deposits submitted to Treasurer's Office
  - II. Audit of processed documents and transactions to ensure applicable laws were followed, proper fees were collected, and fees were not omitted arbitrarily.

# License and Theft Audits

- L&T District and Warehouse audits are performed quarterly.
  - I. Audit physical inventory and assets assigned to the L&T unit including all equipment issued to law enforcement officers and unassigned motor fleet vehicles stored by the Division.
  - II. Audit of covert funds used for investigation and ensure funds are properly accounted for and supporting documentation is presented.
  - III. Audit of processed documents and transactions to ensure applicable laws were followed, proper fees were collected, and fees were not omitted arbitrarily.

# Data Management

- Data Management Audit are a work-in-progress with an implementation date of October 1, 2023
  - I. Examine the internal and external process of how the Division provides and safeguards PI and PII information.
  - II. Evaluation of the Division's practices, processes, and policies related to the collection, storage, processing, and usage of data.
  - III. Ensure that data is managed effectively, securely, and in compliance with Federal DPPA regulations.
  - IV. Assessing data governance, data quality, data privacy, data retention and data life cycle.

# Motor Fleet Audit

- In conjunction with the Department of Administration; a yearly motor fleet audit is performed on all assigned motor fleet vehicles issued to DMV employees.
  - I. Comprehensive assessment of the Division's fleet vehicles.
  - II. Evaluation of assigned vehicle to ensure efficiency, compliance, and cost effectiveness.
  - III. Check documentation and evaluate the quality and relevance of fleet management reports and data analytics.



# Investigations

Due to sufficient evidence and finds gathered during our audits, the division has been able to move forward in criminal charges, civil litigation, and restitution. Our findings and investigations are turned over the License and Theft Unit to move forward prosecution.

## **Recent cases**

- Hookerton LPA; Fraud, embezzlement, accessing government data for personal gain.
- Holly Springs LPA: Fraud.
- Murphy LPA: Notary Fraud and Falsifying documents.
- South Port: Notary Fraud.
- Reidsville LPA: Embezzlement.



## PRODUCT INNOVATION – ArmorBuffa® Crash Cushion

ArmorBuffa® Crash Cushion is a gating, non-redirective, temporary crash cushion used for work zone applications. Gating crash cushions help prevent head-on collisions with barriers and allow vehicles to move into clear zones after impact. ArmorBuffa® is water-filled with high performance plastic segments, an integrated steel nose, and can attach to concrete or specified steel barriers. It is manufactured by Valmont Highway International in Australia and distributed by Valtir, LLC. ArmorBuffa® is currently under evaluation on the APL as NP23-9299.

For more information, please visit <http://www.valtir.com>



*Image of the AmorBuffa® Crash Cushion from Valtir's product brochure.*

## PRODUCT HIGHLIGHT – SiltSack NW Inlet Filter

SiltSack NW inlet filter is a below grate, temporary catch basin filter that restricts sediment, trash, and debris from entering catch basins because of stormwater runoff. This product is made from geotextile fabric allowing for easy installation, exceeds an 80% sediment removal efficiency, and is ideal for construction sites, parking lots, and industrial facilities. SiltSack NW is manufactured by ACF Environmental and is Approved for Provisional Use on the APL as NP23-9203.



*Image of the SiltSack NW inlet filter from ACF Environmental's product brochure.*

For more information, please visit <http://acfenvironmental.com>



**NORTH CAROLINA**  
Department of Transportation

# Complete Streets Updates

Ryan Brumfield, PE – Integrated Mobility Division Director

Kevin Bowen, PE – Eastern Deputy Chief Engineer

September 6, 2023

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

# Presentation Outline

- Complete Streets goals and evolution in North Carolina.
- Project evaluation methodology.
- Current implementation updates.



# Complete Streets Goals & Evolution in North Carolina

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# Complete Streets Policy in NC

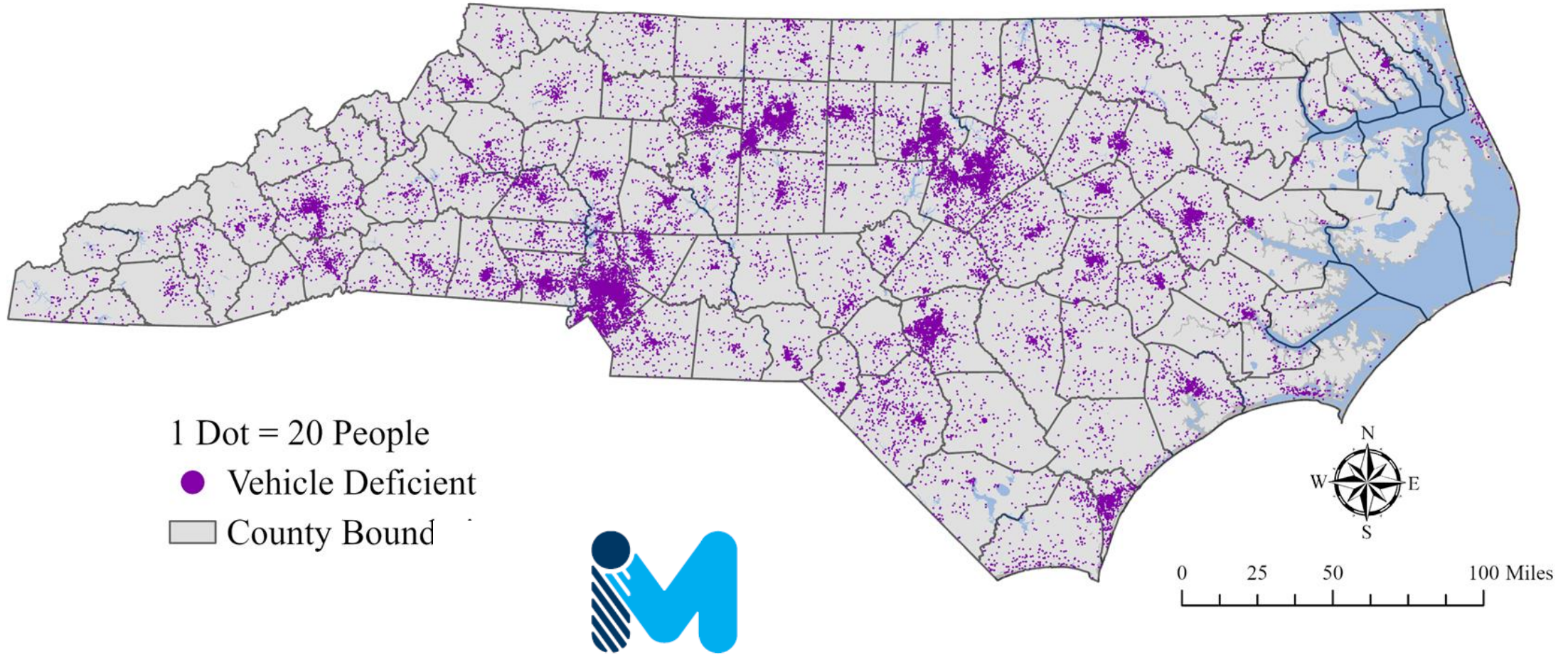
- NCDOT Board adopts Complete Streets Policy (2009)
  - Supplemental planning and design guide created
  - Bicycle and Pedestrian Policies continue
- NCDOT Board updates Complete Streets Policy (2019)
  - Required all projects in the state to be evaluated for bicycle and pedestrian needs
  - Integrated with other NCDOT processes and procedures
- Release of updated implementation guidance and methodology for Complete Streets Review (Feb 2022)

# Complete Streets Goals

- Reduce pedestrian and bicycle crashes and unsafe conditions.
- Improve access and mobility for those without a vehicle.
- Enhance quality of life by providing transportation choices.
- Ensure NCDOT has a transportation system that works well for everyone.



# Adults Without a Vehicle in NC

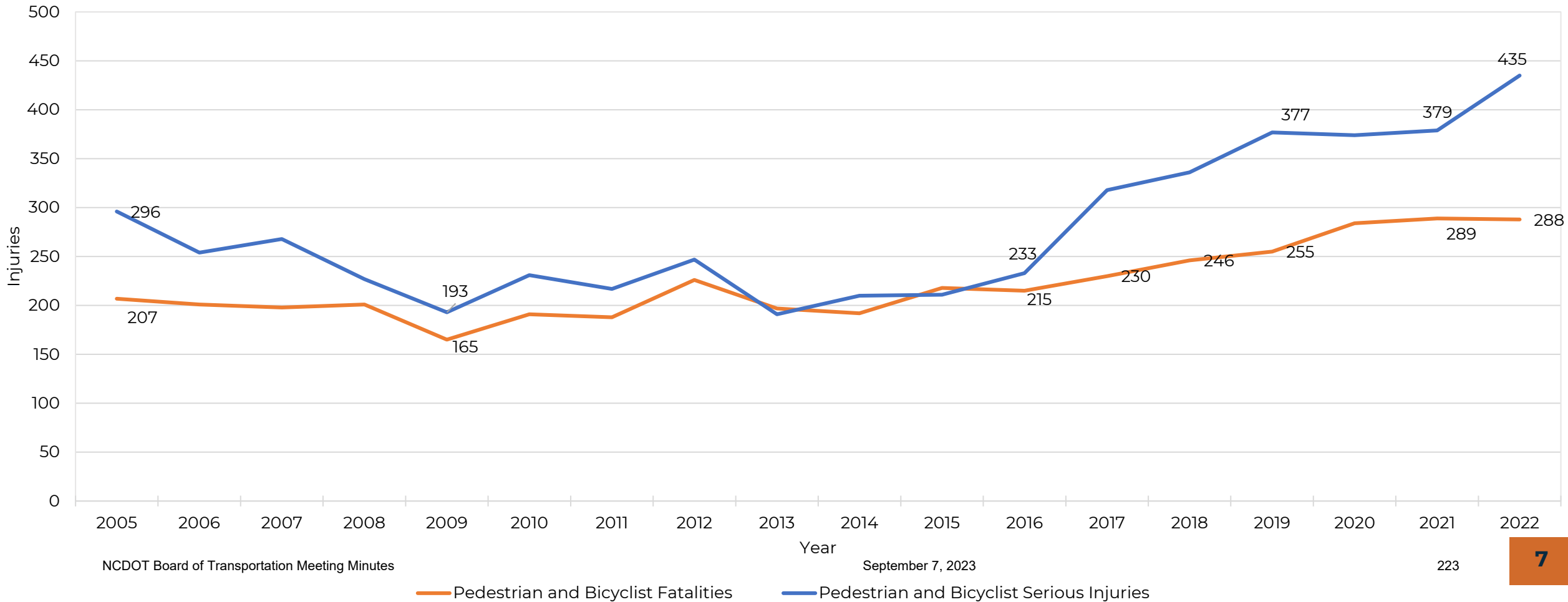


Integrated Mobility Division  
N.C. DEPARTMENT OF TRANSPORTATION



# Bicycle and Pedestrian Fatalities and Serious Injuries

Bicycle and Pedestrian Fatalities and Serious Injuries by Year  
(2005 - 2022)



# Goals of New Implementation Guidance



Standardize and streamline process of identifying needs, selecting the appropriate facility type, and estimating added impacts to the project.



Better integrate Complete Streets evaluation into project development.



Provide flexibility and support discussions with local partners when determining need and choosing an appropriate facility type.



Create mechanisms to track project costs and evaluate project benefits.

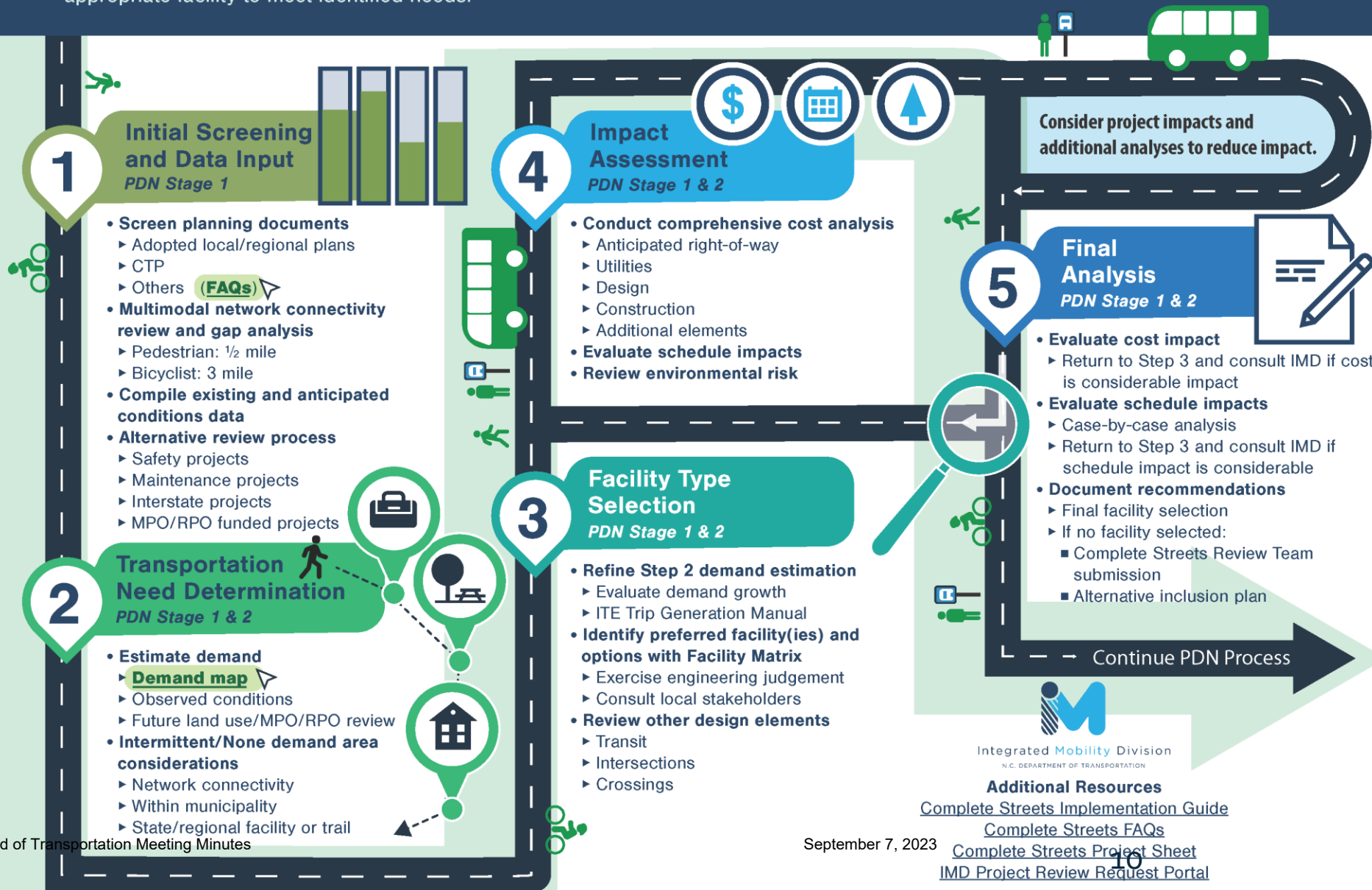


Improve clarity for internal and external partners on implementation pathways.

# Evaluation Methodology



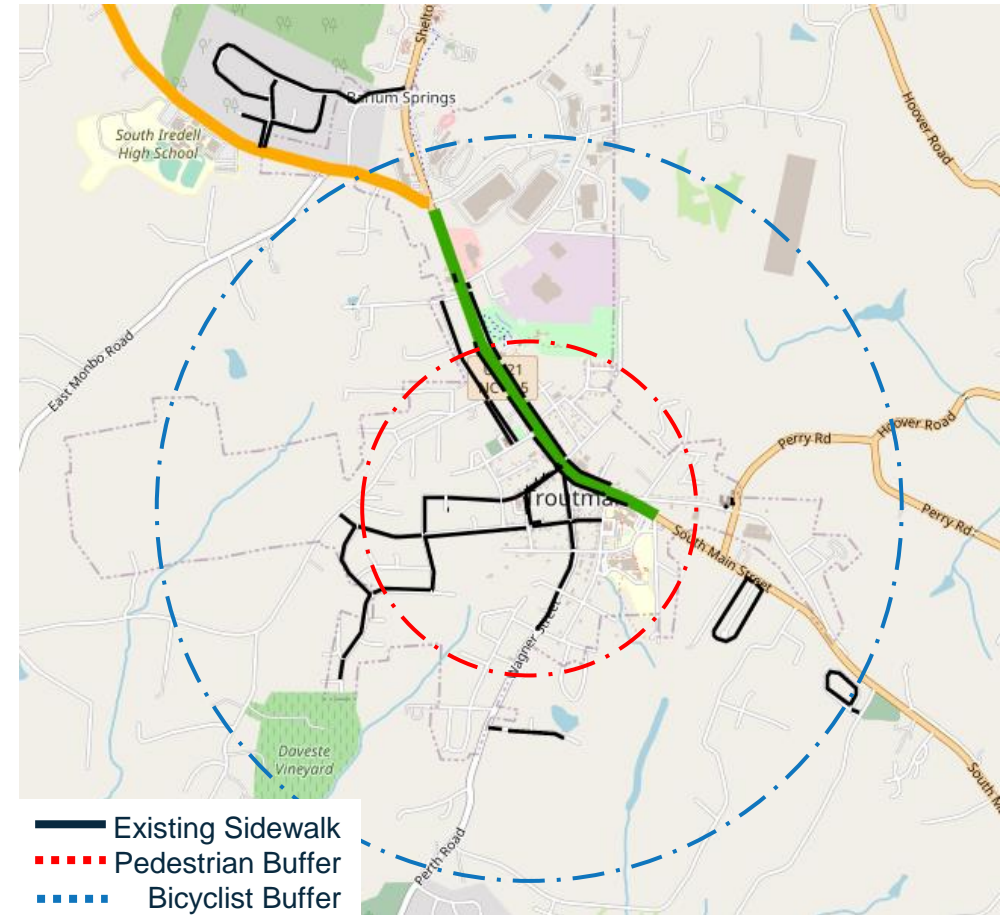
**The Complete Streets Project Evaluation Methodology process** serves as guidance to aid in the evaluation of highway projects for Complete Streets elements. This guidance is intended to support Project Leads and Managers throughout the PDN stages, beginning with all five steps in PDN Stage 1 and select steps revisited in PDN Stage 2. Project Leads and Managers should supplement this process with local conversations, detailed analysis of conditions, and engineering judgement to design the appropriate facility to meet identified needs.



# Initial Screening and Data Input

*PDN Stage 1*

- Screen planning documents
  - Comprehensive Transportation Plan (CTP)
  - Adopted local/regional plans
  - Others (See [FAQs](#))
- Multimodal network connectivity review and gap analysis from project limits
  - Pedestrian: ½ mile
  - Bicyclist: 3 miles
- Compile existing and anticipated conditions data
- Alternative review process
  - Safety projects
  - Maintenance projects
  - Interstate projects where y-lines are not modified
  - Others (see methodology)

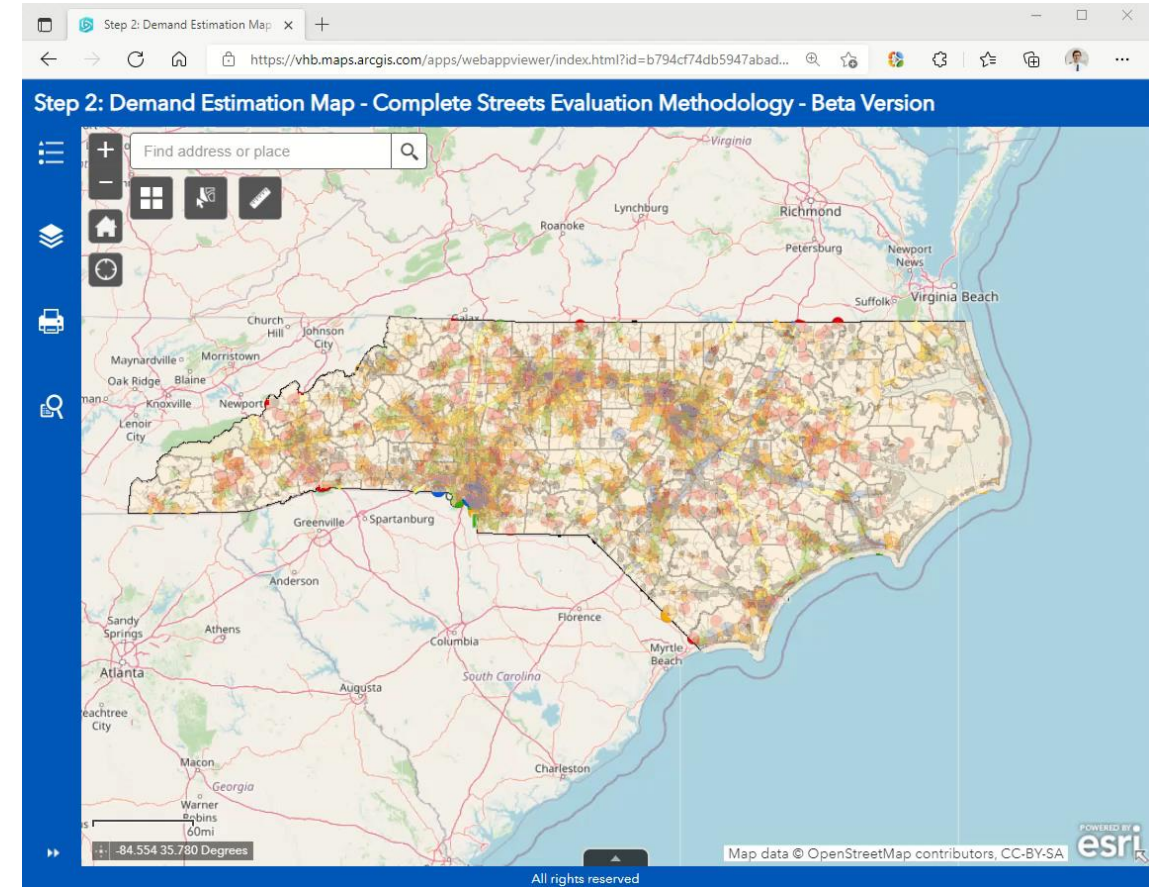


*Conceptual gap analysis for  
discussion only*

# Transportation Need Determination

*PDN Stage 1 & 2*

- Estimate demand (several tools available)
  - Demand map (see right)
    - None/Intermittent
    - Low
    - Medium
    - High
  - Observed conditions
  - Land use (current and future)
  - Other tools (see methodology)
- Intermittent/None demand area considerations
  - Continue evaluation if any of the following apply:
    - Network connectivity gap
    - Within municipality
    - State/regional facility or trail



# Transportation Need



NCDOT Board of Transportation Meeting Minutes



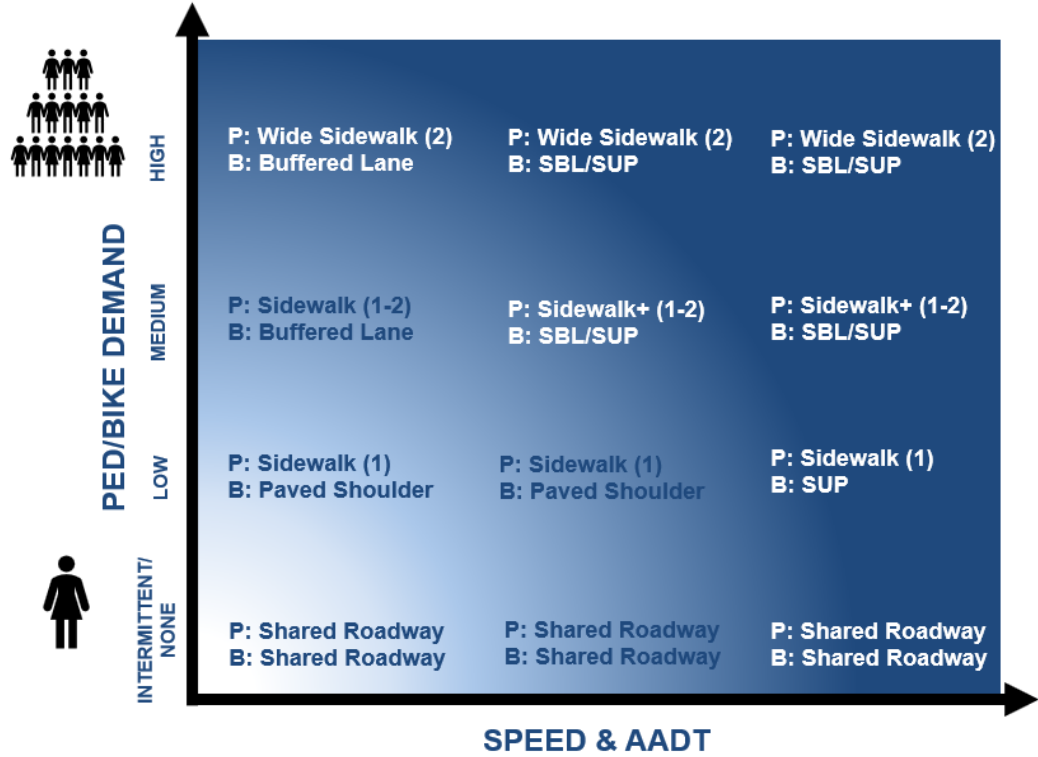
September 7, 2023



# Facility Type Selection

PDN Stage 1 & 2

- Refine Step 2 demand estimation
  - Update vehicular and bike/ped levels with project growth rate(s), OR
  - ITE Trip General Manual.
  - Also, incorporate local consultation on future land use.
- Identify preferred and alternative facility types with Facility Selection guidance
  - Select facility types using refined anticipated demand levels and planned roadway configuration.
  - Exercise engineering judgement.
  - Consult local stakeholders.
- Review other design elements
  - Transit
  - Intersections
  - Midblock crossings



Conceptual graphic depicting facility selection given demand, operational speed, and vehicle AADT

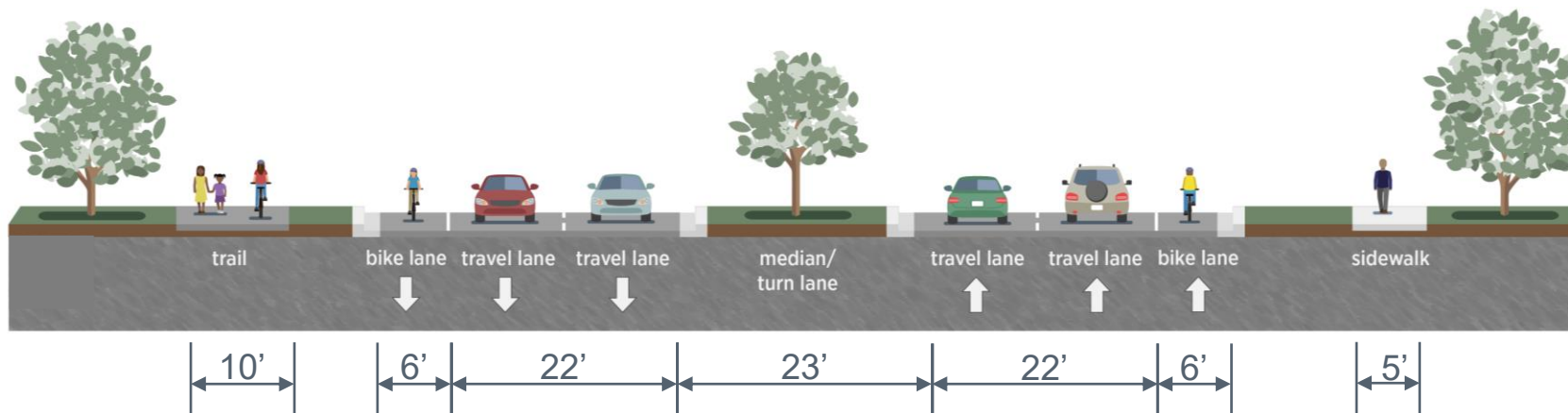


		AADT and Roadway Configuration			
Operating Speed		Operating speed 35 mph or less	Any cross section with designs supporting operating speeds above 35 mph		
		<6,000 AADT (2 or 3 Lanes)	≥6,000 AADT (2 or 3 Lanes)	4 Lane Divided	>4 Lanes
Pedestrian and Bicycle Demand	High	P: Wide Sidewalk (2) O: Sidewalk (2)  B: Buffered Bicycle Lane O: Bicycle Lane, Shared Lane	P: Wide Sidewalk (2) O: Sidewalk (2)  B: SBL/SUP O: Buffered Bicycle Lane, Bicycle Lane		
	Medium	P: Sidewalk (1-2)*  B: Buffered Bicycle Lane O: Bicycle Lane, Shared Lane	P: Sidewalk + Expanded Buffer (1-2)* O: Sidewalk (1-2)*  B: SBL/SUP O: Buffered Bicycle Lane, Bicycle Lane		
	Low	P: Sidewalk (1) O: Paved Shoulder (width TBD), No Facility/Shared Roadway  B: Paved Shoulder (width TBD) O: Shared Roadway/No Facility	P: Sidewalk (1) O: Paved Shoulder (width TBD)  B: Paved Shoulder (width TBD) O: Shared Roadway/No Facility	P: Sidewalk (1) O: Paved Shoulder (width TBD)  B: SUP O: Paved Shoulder (width TBD), Shared Roadway/No Facility	
	Intermittent / None	B: Shared Roadway/No Facility			

# Impact Assessment

*PDN Stage 1 & 2*

- Conduct comprehensive cost analysis
  - Anticipated right-of-way
  - Utilities
  - Design
  - Construction
  - Additional enhancements
- Evaluate schedule impact
- Review environmental risk




# Final Analysis

*PDN Stage 1 & 2*

- Evaluate cost impact
  - Return to Step 3 and consult IMD if cost impact is considerable; evaluate alternative facility types and design modifications to meet the identified transportation need.
  - Discuss project modifications with LGA to manage cost impact.
- Evaluate schedule impact
  - Case-by-case analysis.
  - Return to Step 3 and consult IMD if schedule impacts are considerable; evaluate alternative facility types and design modifications to meet the identified transportation need.
  - Discuss project modifications with LGA to manage schedule impact.
- Document recommendations
  - Final facility selection.
  - If no facility recommended, submit Complete Streets Review Team report for review and develop alternative inclusion plan if Complete Streets Review Team grants request.

# Documentation: Complete Streets Review Assessment (CSRA)

- Form for documenting the project evaluation process.
- Follows all five Evaluation Methodology steps.
- Will be revised throughout the PDN stages to account for new information.
- IMD completes this form as the project is reviewed; saved in the project file via ATLAS workbench.

		NCDOT
STIP #		Complete Streets Review Assessment (CSRA)
<b>Summary</b>		
WBS:	Division:	Project Contact(s):
Within Municipality (yes/no):	Construction Year:	AADT (design year, if known):
Municipality/Municipalities (if applicable):	County/Counties:	Speed (operational speed, if known):
Reviewer:	Existing Land Use:	Project Description/Purpose:
Approval:	Future Land Use:	
<b>1. Initial Screening and Data Input</b>		
1.1 Network Gap Analysis: Pedestrian 1/2 Mile: Bicyclist 3 Miles:		
1.2 STIP & Other Projects in the Vicinity:		
Locally Adopted Plan(s):		
CTP/MTP Description:		
Existing Conditions:		Traffic Volumes/Mix (forecasted AADT, or use existing):
		Speed(s) (operational speed if known, otherwise design or posted speed):
		Facilities on CS Project Sheet or Proposed Cross Section:
September 7, 2023		

# Submitting and Tracking Review Requests

Tool for project managers to track review submissions

- **New** – recently submitted, not yet assigned to staff
- **Review in progress** – assigned to staff, review underway
- **Comments Being Addressed** – manager review of draft recommendations

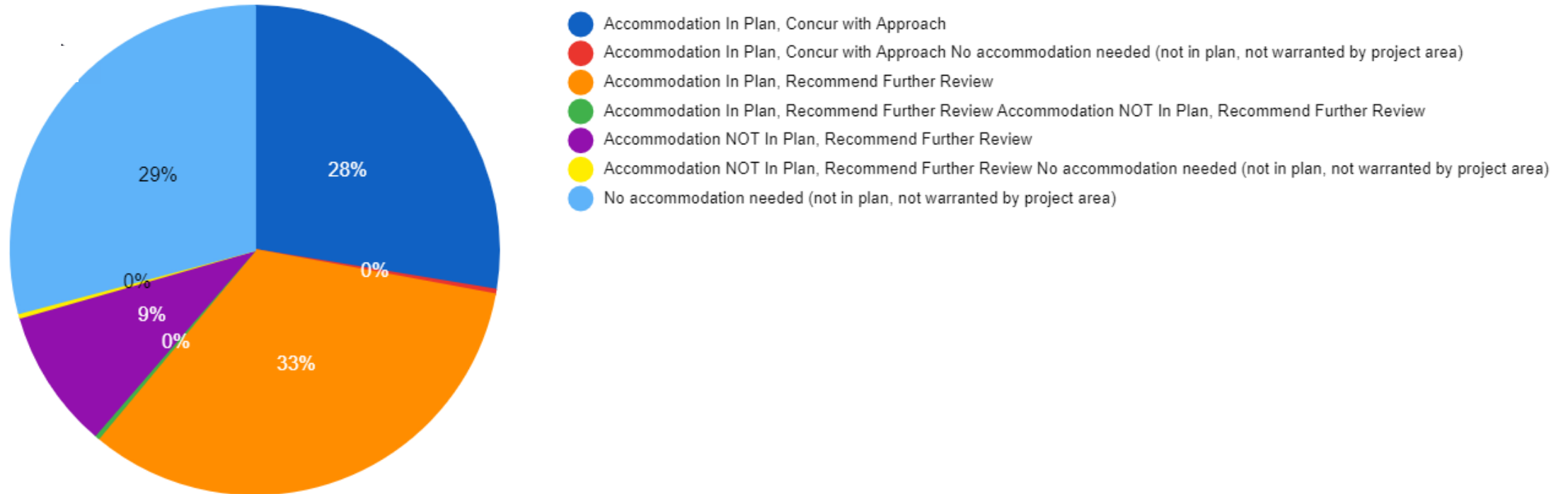
## Project Scoping Reviews

### Project Submitted by Division (no reviews)

Primary	Division	Stage 1 Status (Internal)	STIP Number	WBS Number
	5.0	Review in Progress	SM-5705V	48590.1.1
Division 7.0		Count 2		
	7.0	New	BP7.R007	BP7.R007
	7.0	New	BR-0155	67155.1.1
Division 9.0		Count 1		
	9.0	Comments Being Addressed	BR-0075	67075.1.1
Division 10.0		Count 3		
	10.0	Review in Progress	U-5769	50182.1.1

# IMD Project Review Dashboard

- 500+ reviews completed by IMD since February 2022
- Three most frequent outcomes:
  - Accommodation In Plan, Recommend Further Review
  - No Accommodation needed (not in plan, not warranted)
  - Accommodation in Plan, Concur with Approach



# Implementation Updates

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# Ongoing Discussions on Key Issues

- Maintenance of separated multimodal (i.e. sidewalks, shared-use paths, etc.) facilities, particularly outside of municipal boundaries.
- Inclusion of complete streets elements on maintenance projects.
- Harmonization of complete streets processes with the Project Delivery Network (PDN) including Planning and Express Design.
- Local coordination when determining bike/ped needs and choosing facility.
- Determining costs and benefits of complete streets elements.
- Incorporating complete streets elements in projects prior to programming.



# Collaboration Continues Across NCDOT

- IMD continues to coordinate with internal and external stakeholders on policy implementation.
- Collaborative effort ensures that guidance language and practice is consistent across the Department.
- Guidance under development includes:
  - Complete streets implementation standards for maintenance projects.
  - Design flexibility toolkit to help project managers minimize impacts when including complete streets facilities on projects.



# Thank you!

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# Contact Us

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**NORTH CAROLINA**  
Department of Transportation

# ROW and Broadband Strategy

Boyd Tharrington, Director of Field Support

September 6, 2023

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

## **Agenda**

- Enabling Legislation
- Leveraging NCDOT Rights of Way
- NCDOT OMCA Broadband / ITS Project
- Federal Grant Awards
- NCDOT Middle Mile Broadband/ITS Initiative

# Enabling Legislation

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# General Statutes

## §136-18(46) (2019)

### Background

#### *Law provides:*

- Ability to enter into partnership agreements with private entities to finance, by contracts, revenues of facilities, and other financing methods authorized by law, the cost of acquiring, constructing, equipping, maintaining, and operating communications infrastructure supporting transportation infrastructure on the Interstate System.
- Ability to plan, design, develop, acquire, construct, equip, maintain, and operate communications infrastructure supporting transportation infrastructure within the State of North Carolina.
- Requires a competitive process

### Information

- *Per law, communications infrastructure supporting transportation infrastructure means* fiber optic trunk lines, microcell towers or other broadband or data transmission facilities located within the right-of-way of the interstate or primary highway system that is owned, and utilized completely or partly, by the Department for traffic management, highway safety, vehicle technology integration, and other functions of the Department.

### Action

- An agreement entered into under this subdivision requires the concurrence of the Board of Transportation. Report to JLTOC regarding contract details 60 days prior to signing.

## Executive Order 91

March 14, 2019

- Establishing the Task Force on Connecting North Carolina
- Promoting Expansion of Access to High-Speed Internet
- Removing Barriers to Broadband Infrastructure Installation



# Leveraging NCDOT Right of Way

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## Leveraging controlled access ROW to bridge rural connectivity gaps and fulfill its own ITS objectives

- Broadband connectivity is reliant on an end-to-end network which generally includes a long distance “middle mile” or “backbone” component that is connected to a shorter distance “last-mile” component to serve customers.
- In rural areas, there is often a shortage of both middle-mile and last mile networks. The installation of middle mile networks can provide a catalyst for the deployment of last mile networks, and bridge rural connectivity gaps.
- Controlled access ROWs may be attractive to developers as they could present a significant opportunity to install a backbone over long distances without having to navigate the complexities of multiple land purchases and/or easements.
- In addition to bridging rural connectivity gaps, controlled access ROW backbone networks provide NCDOT with broadband connectivity for the deployment of ITS infrastructure.
- As demonstrated with the I-95/US-70/US-74 Project, in exchange for providing ROW, NCDOT can share in the commercialization potential of the network and use this to offset its O&M and capital costs.

## **Challenges in the Role of Controlled Access ROWs for Broadband**

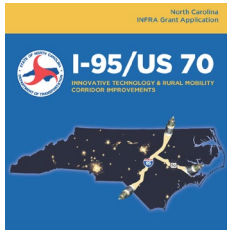
- Determining how best to procure
- Navigating lengthy process for procurement
- Maintaining utilities in the ROW and coordination with active NCDOT projects
- Considering impacts to future NCDOT projects
- Determining Fair Market Value per Federal Regulation 23 CFR 710.403(e)

# OMCA Broadband / ITS Project

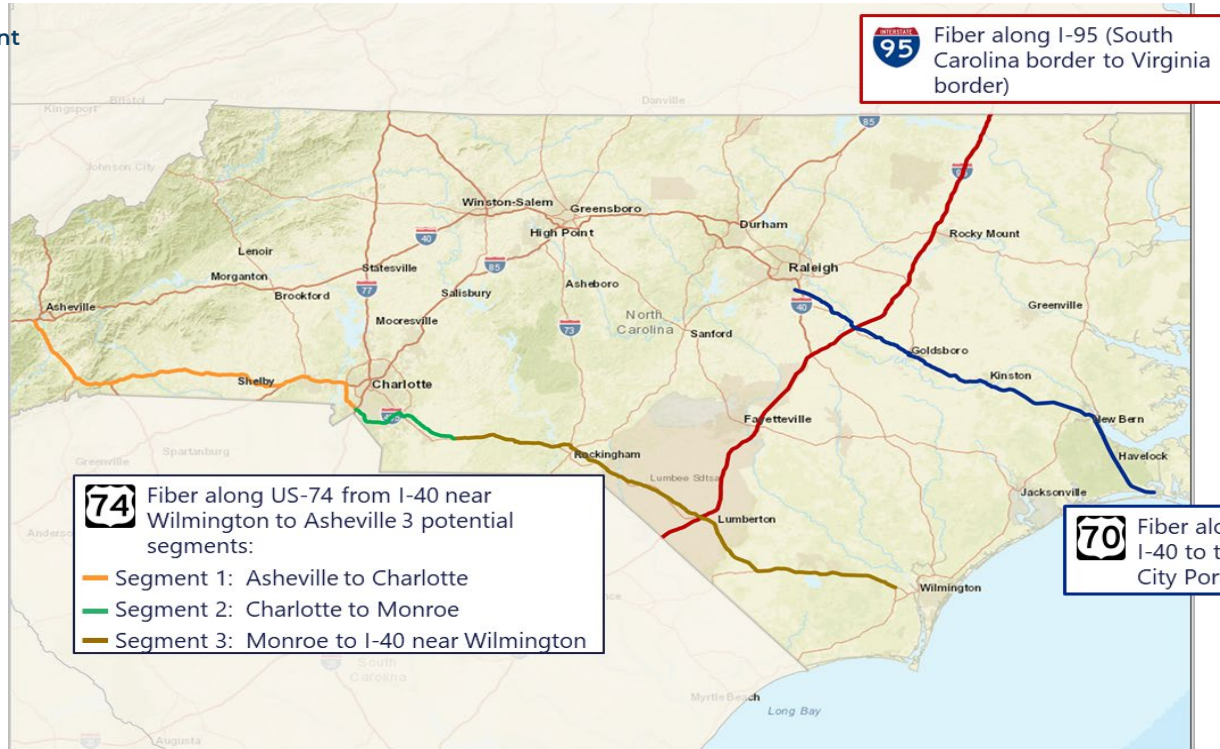
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# OMCA Broadband ROW Project Recap – I-95, US-70, & US-74

## Successful I-95/US 70 Grant



## Successful US 74 Grant



**Design Build (DB) Contract:  
Brooks Berry Haynie & Associates**

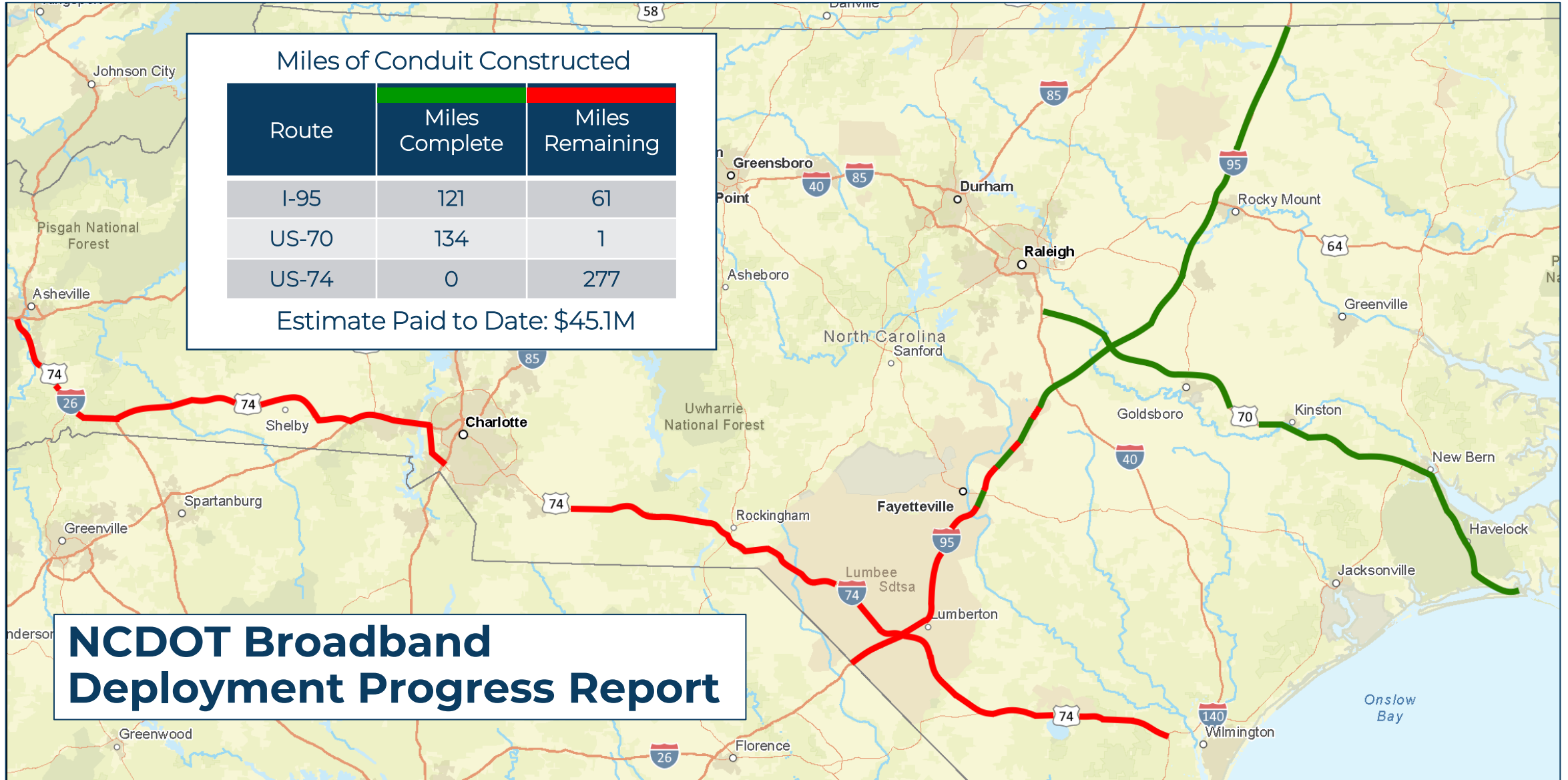
- **Contract executed on 5/18/21**
- Installation of conduit, fiber cables and ITS equipment
- Completion of I-95 / US-70 due 1/23/24
- Completion of US-74 due 1/23/27

**Operate, Maintain, & Commercialize (OMC)  
Contract: Plenary Broadband Infrastructure**

- To date, 95 miles of fiber infrastructure and ITS infrastructure have been transitioned to the OMC Contractor.
- Pay for performance-based O&M and commercialization services – have resulted in 99% uptime for ITS devices thus far vs. a 93% goal.
- 30-year term
- NCDOT to share in commercialization and use proceeds to pay for its O&M costs

**Project Objectives**  
 Expanding the State’s fiber network for universal access, including rural areas, schools, police, emergency response, and economic development  
 Creating a fiber backbone for NCDOT’s current and future technology needs  
 NCDOT Board of Transportation Meeting Minutes  
 Unlocking commercialization opportunities from excess capacity

September 7, 2023



**With the execution of the I-95, US-70, & US-74 DB and OMC contracts, NCDOT now has a contractual framework for the competitive procurement of other broadband corridors to leverage its ROW and further increase connectivity in rural areas across North Carolina.**

- Maximizes value for the citizens and motorists of North Carolina, and for NCDOT.
- Leverages NCDOT's ROW to improve connectivity in rural areas and share in commercialization revenues to subsidize NCDOT's costs of service delivery.
- First of its kind NCDOT 600-mile communication backbone with modernized ITS assets and future device capacity.
- Significant private sector investment to build a commercialization network.
- Performance-based O&M service delivery ensuring assets operate to standard and are replaced according to a useful life schedule. Since inception, devices under maintenance by the OMC contractor have exceeded 99% uptime on average.

# Federal Grant Awards US-64 and I-85

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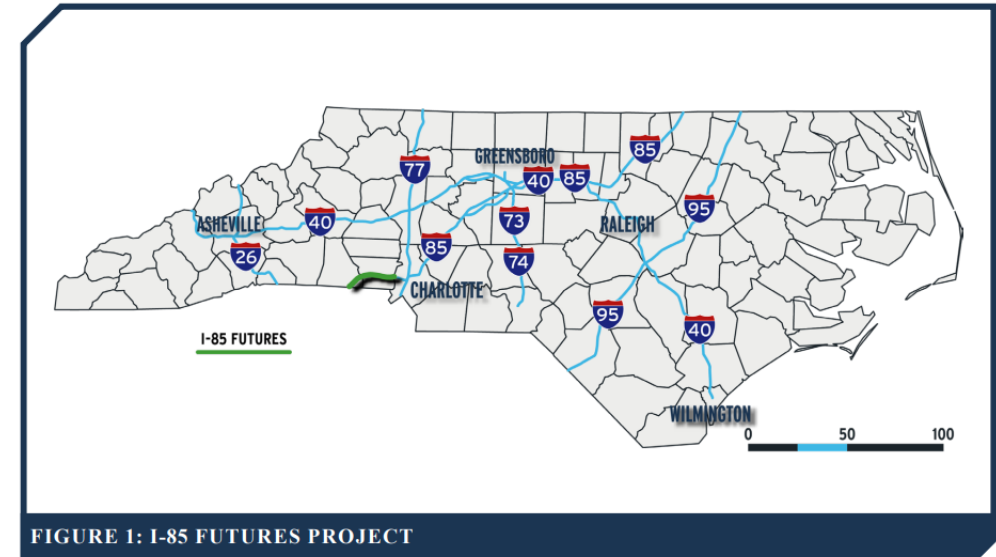
# I-85 FUNDING TRANSPORTATION UTILIZING RESILIENT EQUITABLE SOLUTIONS

The (FUTURES) Project will provide travel time savings, improve safety, and increase reliability for one of the most traveled corridors in North Carolina.

**Award:** NCDOT was awarded \$100 million through the INFRA grant in September 2022

**Scope:** The Project will widen about 10 miles of I-85 from six to eight lanes between Charlotte and the South Carolina state line in Cleveland and Gaston counties.

- ✓ Create safer roadway and interchanges for vehicles, pedestrians, and bicyclists
- ✓ Bring the facility up to current design standards
- ✓ Installation of broadband and ITS devices from SC state line to US 74



## US-64 STERLING Alligator River

The **STERLING Project** will replace a vital connection to the Outer Banks reducing congestion and providing essential internet connectivity

**Award:** NCDOT was awarded \$110 million through the MEGA grant in January 2023

**Scope:** The Project will replace the 60-year-old Alligator River swing-span bridge located between the Triangle and the Outer Banks.

- ✓ New bridge will include 65 feet of clearance over the navigation channel
- ✓ Eliminate swing-span that halts traffic
- ✓ Include 2-foot travel lanes, 4.5 foot railings, and 8 foot shoulders on either side to create room for bicycles
- ✓ Installation of 140 miles broadband and ITS devices along US-64 from I-95 in Rocky Mount to N.C. 12 on the Outer Banks



# Middle Mile Broadband and ITS Strategy

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## Middle Mile Broadband and ITS Strategic Analysis

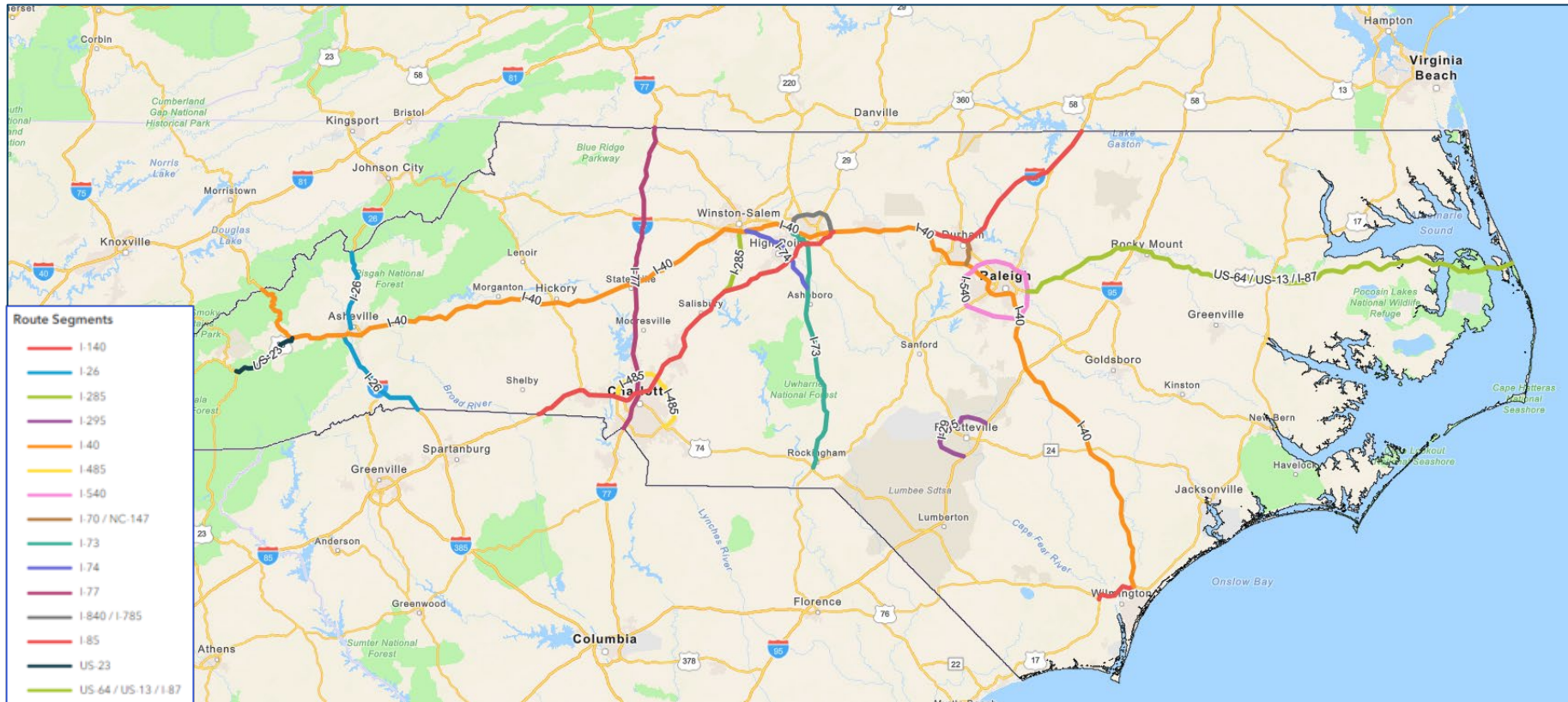
**NCDOT has a remarkable opportunity to leverage the value of its ROW to deliver its transportation connectivity needs while supporting the State's digital equity goals**

The goal of the Middle Mile study is focused on the following objectives:

- Get ahead of unsolicited broadband proposals – have a plan and a clear perspective
- Define fiber/ITS transportation needs across the State
- Understand the value of our ROW
- Evaluate the financial plan for fiber/ITS deployment
- Activate the next phase following I-95, US 70, and US 74

# The Middle Mile Network Beyond I-95, US 70, and US 74

NCDOT identified 15 priority corridors for the study, which includes a review of operational, commercial, and connectivity needs



# The critical importance of fiber and ITS for North Carolina's Transportation Network

There are five key reasons why we should prioritize fiber and ITS needs:

- **Enhanced Decision Making:** Enhances the Department's efficiency and effectiveness by leveraging technology for real-time management of the transportation network
- **Enhanced Operational Capabilities:** Improves travel time reliability and reduces delay and congestion with effective use of existing capacity. Allows new capacity investment to reach its full potential
- **Improve Safety:** Saves lives of citizens, workers, and emergency responders by using advanced technology to provide detection, response, and notification
- **Real-Time Data:** Enhances multi-modal transportation through data sharing and real-time traveler information that enables travelers to make informed choices
- **Prepare for the Future:** Fosters economic growth and innovation, preparing us for the future of connected and autonomous vehicles

## Next Steps for Middle Mile

- Review and confirm potential development scenarios and scope of the next broadband/ITS project
- Collaboration on strategy alignment and funding opportunities
- Evaluate technical, commercial and financial requirements of potential scenarios
- Engage with market sector participants to discuss scope and terms that could be part of a competitive procurement
- Enhance broadband/ITS application strategy in federal grant applications and leverage upcoming discretionary applications to unlock further resources
- Consider a procurement process and documentation

# Thank you!

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**NORTH CAROLINA**  
Department of Transportation

# DMV Update: Post Peak Season & Projects

Mike Newsome, Director of Driver Services

Jennifer Keel, Director of Vehicle Services

Jacqueline Mitchell, Director of Customer Compliance Services

Brenda Anding, Driver Services Operations Manager

September 2023

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

# DMV “Post” Peak Season Review

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## Review

- Operational Review: Staffing
- Operational Review: Performance
- Service Enhancements
- Graduated Driver License Changes



# Staffing

Number of Driver License Office Terminals:  
 533 terminals + 105 facilitator stations supporting  
 117 Driver license Offices  
 = 638 employee staff requirement (a base requirement)  
 Total authorized = 710 employees.

Number of Examiners On Hand as of 8/30/2023  
 = 450 staff available *(includes scheduled/unscheduled absences)*  
 70% of base req; 63% of the authorized personnel strength

## Vacancy Percent Report

Examiners Only

Location	Temps Assigned	# of Current Temps Vacancies	Perm Assigned	# of Current Perm Vacancies
District 1	9	2	57	3
District 2	10	7	72	9
District 3	45	37	110	17
District 4	9	5	71	5
District 5	15	14	65	10
District 6	40	30	145	20
District 7	14	14	48	7
<b>Total</b>	<b>142</b>	<b>109</b>	<b>568</b>	<b>71</b>

77%

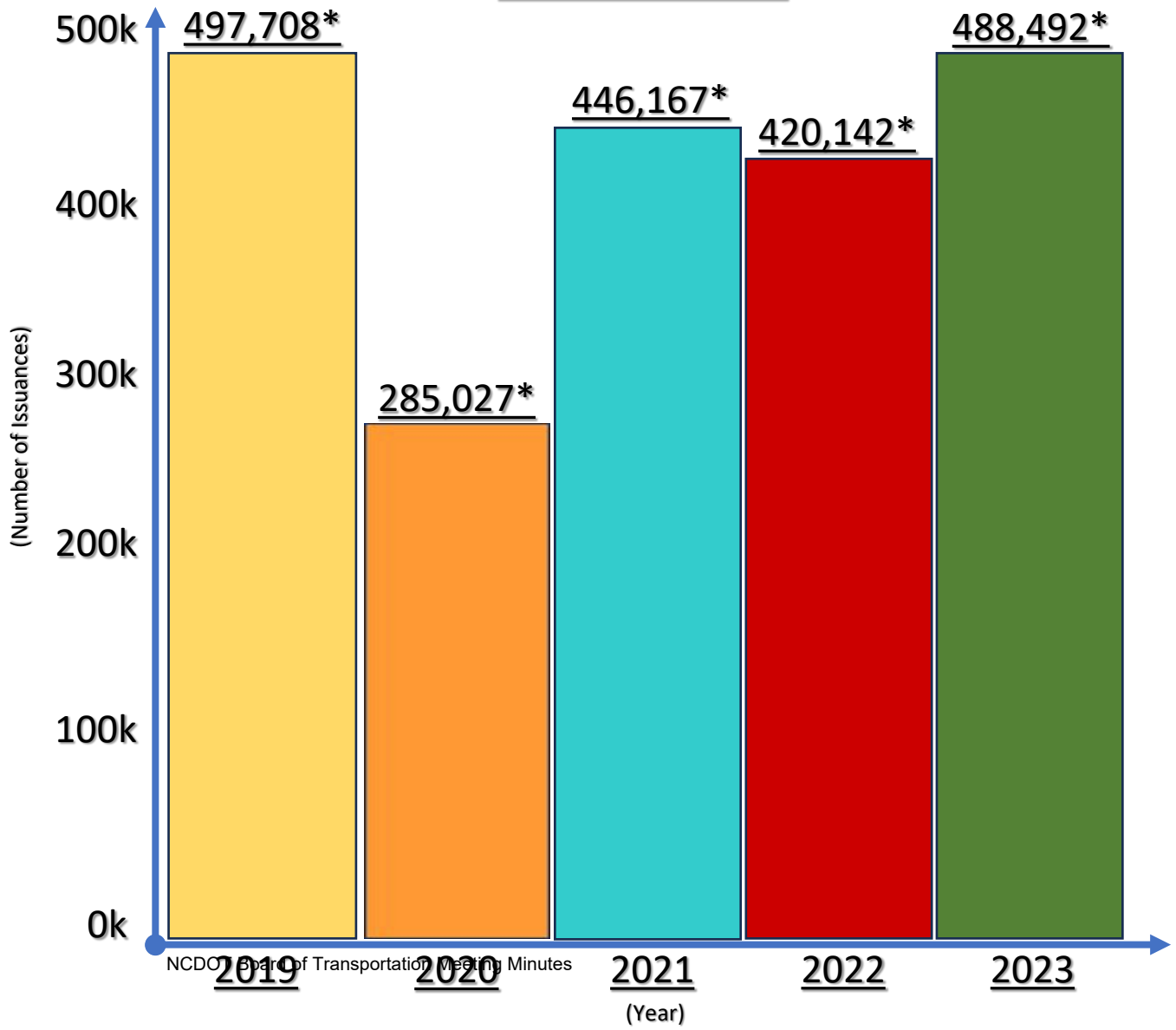
12%

**Assigned**            710        (568+ 142)  
**Vacancies**        180        (109+ 71)

**25.4%**  
**Total Percent**

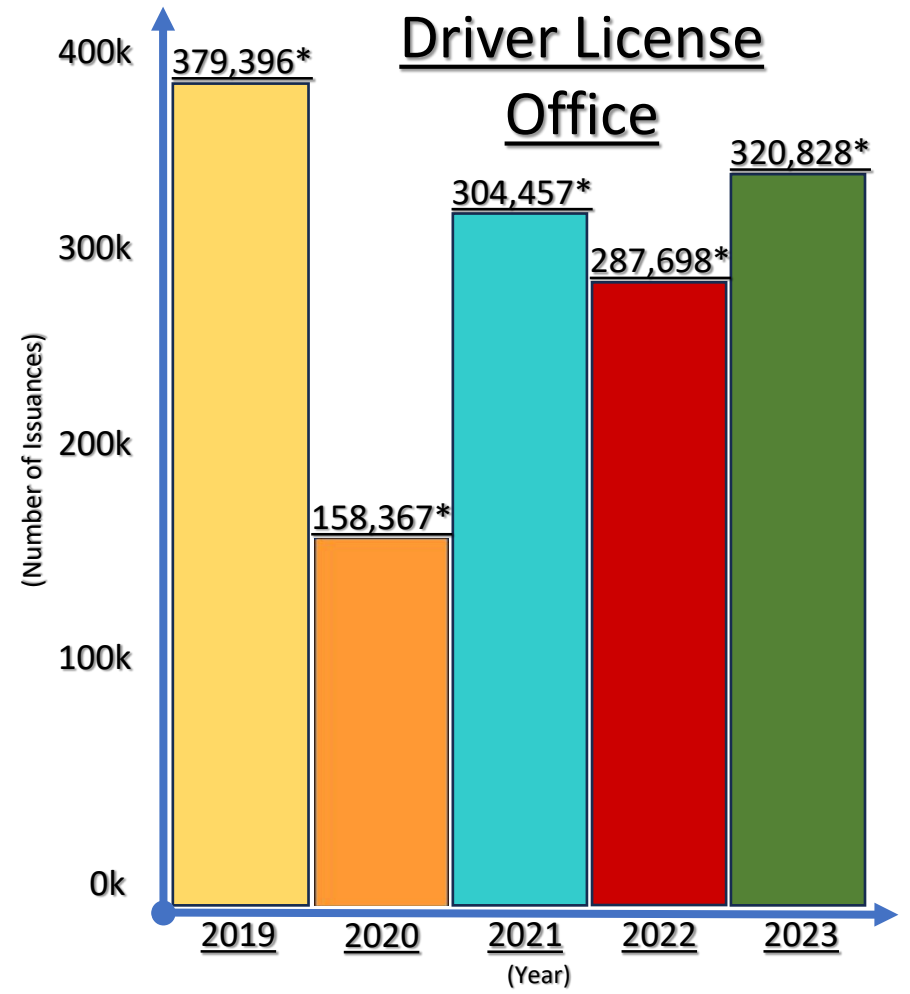
### Overall Performance

### May & June Months



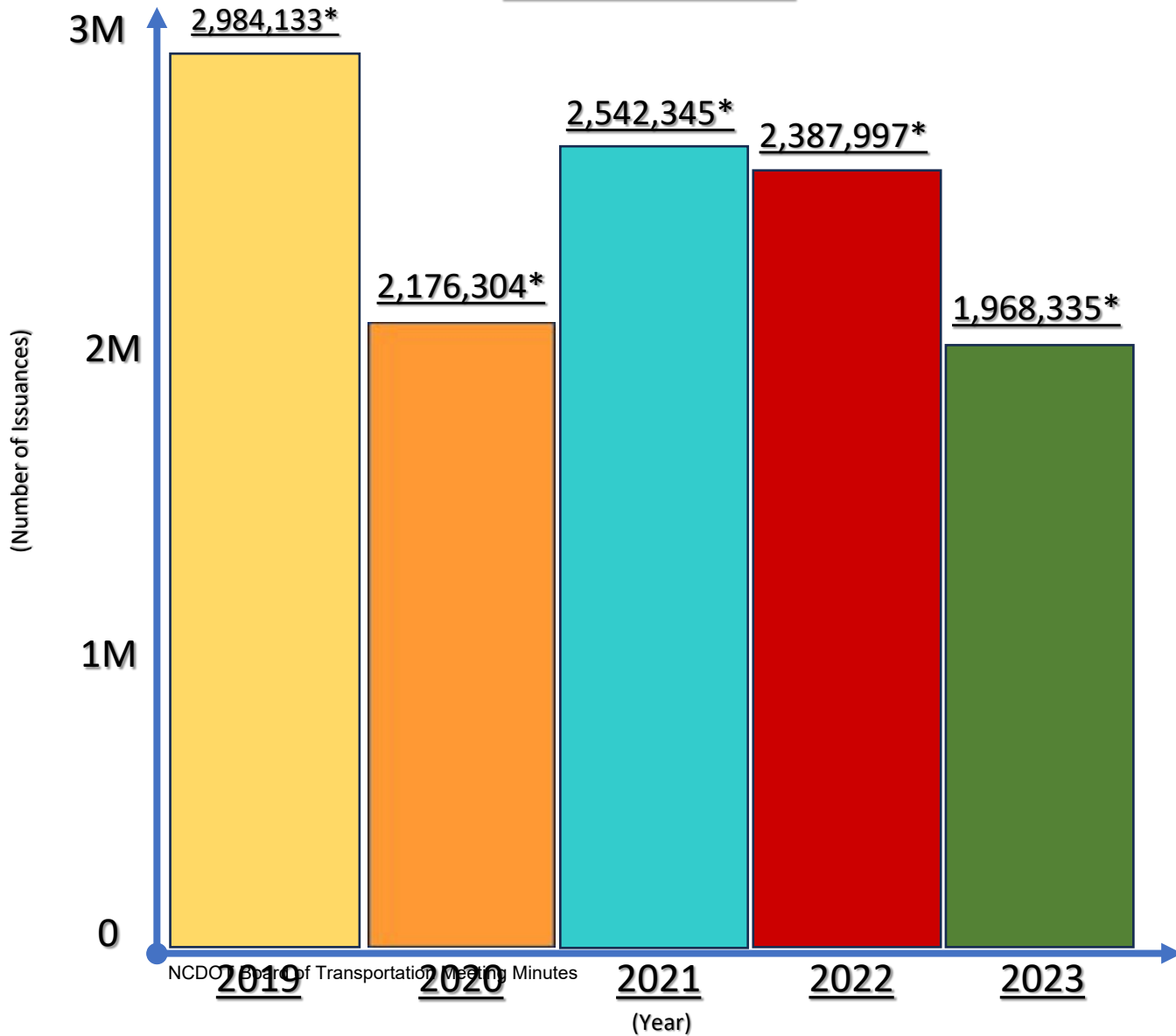
### Driver License Office

### Office

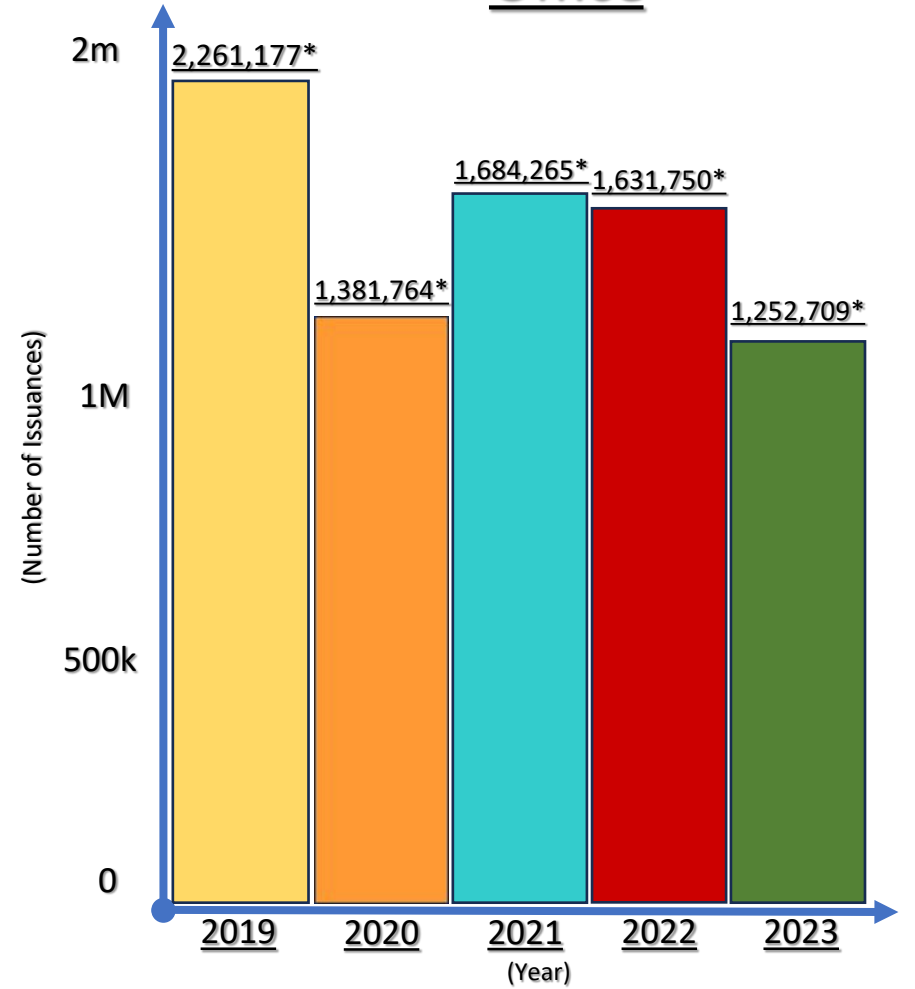


## Overall Performance

## Full Year



## Driver License Office



## SERVICE ENHANCEMENTS

- Extended weekday hour operations totaling 40 + 5 DLOs (from 7:00 am – 5:00 pm)
  - Added (5) additional DLOs to extended hours as of May 1 and an **additional 5 on Aug 28**
  - 7:00 am opening from Monday – Friday (year-round) as of May 1<sup>st</sup>
  
- Saturday 4-hour operations at 16 offices (June 3 – August 26, 2023)
  - Walk-in services only
  
- Technical enhancements
  - Walk-in wait times (WWT)
  - Short code functionality for virtual check-in (in production; long code available)
  - Online renewal for expired credentials (full provisional license (FPL) & NC Identification up to 1 year) as of May 20)



# Graduated Driver License Program

SB157  
SL 2023-13

## **REVISED** RESTRICTIONS AND CONDITIONS FOR A LIMITED LEARNER PERMIT (LEVEL I)



- Effective May 1, 2023, a Teen Level 1 Driver issued before June 30, 2023, requires at least 6-months from issuance date when applying for Level 2 Limited Provisional License; requires a road test.
- The 6-month provision will sunset on December 31, 2023. On January 1, 2024, a Level 1 Teen Driver requires at least 9 months of driving from the issuance date when applying for the Level 2.
- Beginning August 1, 2023, a Level 2 Driver, when driving unsupervised, there may be one passenger that is under 21 that is not a member of the same household as the driver if they are being driven to and from school; this is in addition to the existing provision allowing one passenger under 21 that is a family member or member of same household.



# Road Test



TOTAL NUMBER OF ROAD TESTS	Total
June 3rd, 2023	102
June 10th, 2023	102
June 17th, 2023	116
June 24th, 2023	117
July 1st, 2023	118
July 8th, 2023	118
July 15th, 2023	150
July 22nd, 2023	163
July 29th, 2023	159
Aug 05th, 2023	157
Aug 12th, 2023	164
Aug 19th, 2023	177
Aug 26th, 2023	196
<b>Grand Total</b>	<b>1,839</b>

Number of Eligible Teen Level 2 Drivers: **44228**

# Update: DMV Projects

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## Self-Service Kiosk Pilot

The kiosk will provide Driver and Vehicle services through an integration with the DMV systems.

- Located at grocery stores
  - Wake, Mecklenburg, and Cumberland
- Will print a temp credential or registration/sticker

The solution will include:

- Initial installation of three self-service kiosk
- Installation of up to twenty (20) kiosk



## Self-Service Kiosk Pilot

### Phase I :

- Renew driver's licenses/State ID cards
- Duplicate driver's licenses/State ID cards
- Renew and print vehicle registrations/decals
- Pay property taxes and print vehicle registrations/decals
- Duplicate vehicle registrations

### Phase 2:

- Order a special or personalized plate
- Renew Permanent Disability Placard
- Pay Administrative Hearing Fees



\*Voter registration will be available with NCID & driver license transactions

## Contact Center Automation

Implemented Nice nContact cloud-based solution on June 7, 2023.

This effort was a lift and shift from Avaya to the Cisco/Nice platform with several improvements.

- Allows for more call back requests
- On hold music
- Announces the number in queue to callers
- Allows self-service with frequently asked questions information
- Call recording



## Contact Center Automation

Working on the design phase to implement Contact Center capabilities via ServiceNow.

Integration of ServiceNow with Nice nContact.

These capabilities will include:

- Chatbot
- Email deflection

*Estimated implementation date of October 11, 2023*



## Electronic Insurance Verification

EIV will provide the ability to verify vehicle liability insurance within 20 days of registering, transferring or renewing a NC license plate through a real time liability insurance exchange.

Business goals:

- Identifying more of North Carolina's uninsured drivers.
- Decreasing the number of uninsured drivers.

*Implementation/Go live date is set for 11/9/2023*



## Automated Hearing Solution

### Track 1

- Dealer/Salesman License/Define phase is 98% complete
- Inspection Stations/Inspector License

### Track 2

- Driver License
- Liability Insurance

*Define phase for Track 1 completion/August 10, 2023*





# Contact Us

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919.615.7103

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919.615.7035



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# Thank you!

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**NORTH CAROLINA**  
Department of Transportation

# Let's talk Right of Way!

Heather Fulghum, Manager of Right of Way

September 6, 2023

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

# What is Right of Way?



# What is Right of Way?

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Right of Way is the real property (land and improvements) and rights therein acquired for public use to construct highways for the betterment and safety of the public. Right of Way may be acquired through negotiated settlements or condemnation. It is one of the last major steps before a project is released to bidders for construction

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Subject to Government Laws, Statutes, Rules and Regulations (NC General Statute 136 for reference)

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Key element is the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (the Uniform Act) 49 CFR Part 24

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In the acquisition of right of way, NCDOT must treat all property owners with impartiality, fully explain all legal rights, pay just compensation in exchange for property rights and furnish relocation assistance, if needed.

# Right of Way Organization

Right of Way Unit is separated into 3 major work forces:

**Negotiations:** State Negotiation Agent – Luis Pages - Acquisition of land rights, condemnation of land rights. Works with property owners to convey offers based on just compensation and fair market value as per the Uniform Relocation Act of 1970.

**Appraisal:** State Appraiser – Lane Jones - Appraisal of land rights, damages to remaining property, witnesses for court. Appraises all land and damages as per USPAP and NC Appraisal Board Standards.

**Relocation:** Acting Relocation Director – Chris Coughlin -Relocation of owners and tenants of residential and non-residential properties and move to replacement properties. Additionally, relocation is subject to laws of property management of vacated residential and non-residential properties

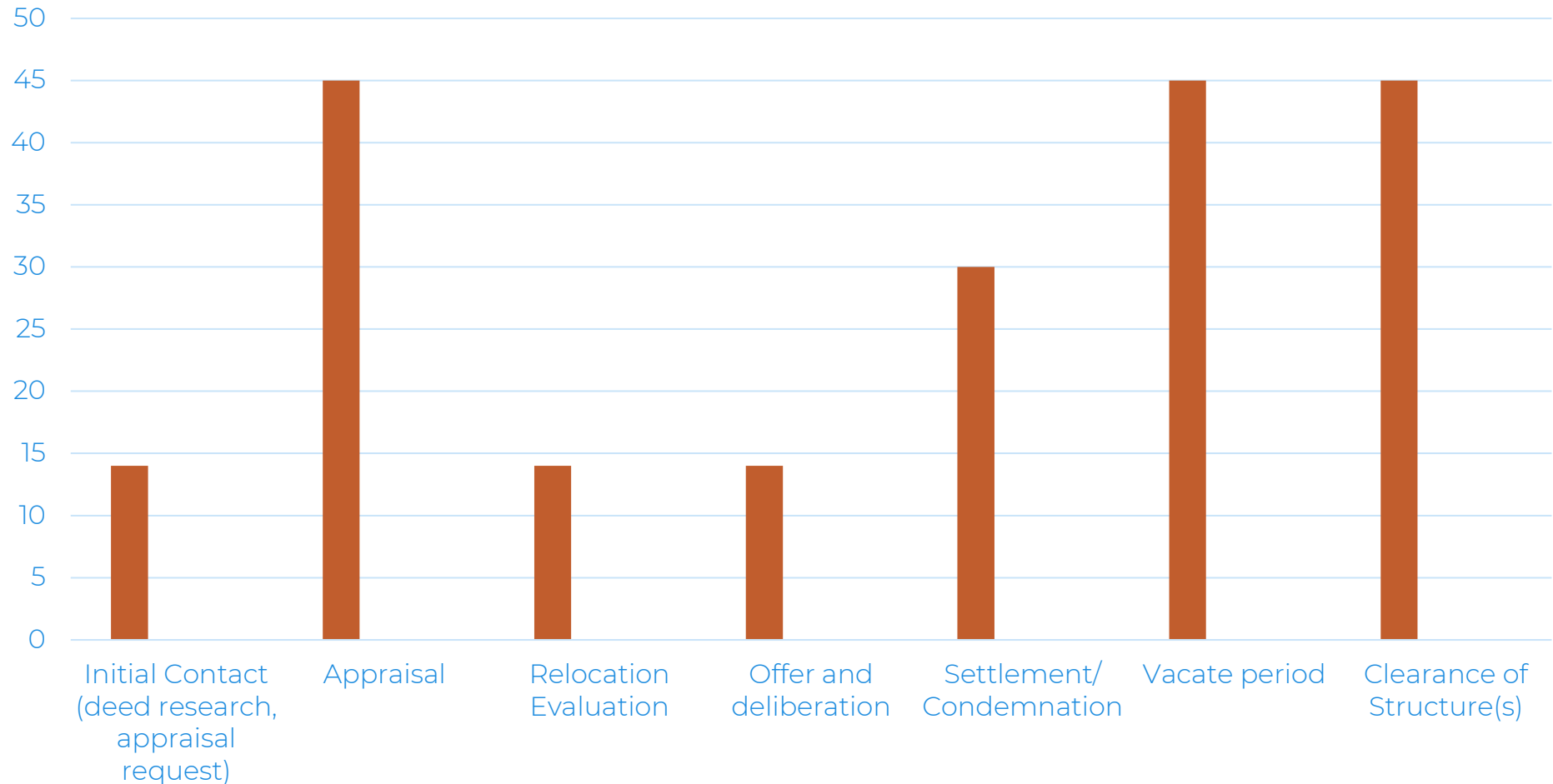


## Right of Way Responsibilities

- Contact property owners to explain plans and impacts, present offers and answer questions about the project & the ROW process
- Ensure that all affected property owners are afforded their legal right to an appraisal
- Appraise proposed rights of way and easements to be acquired including any damages and costs to cure to remainder property
- Determine just compensation for all rights acquired
- Settle or condemn proposed property rights to allow NCDOT access to the property
- Mediate complicated or condemned right of way claims with the Attorney General's office
- Provide relocation assistance, including financial assistance, to persons and businesses displaced by right of way acquisitions
- Inspect for asbestos and demolish structures on acquired rights of way not included in the Roadway Contract
- Dispose of any surplus or residue properties acquired by NCDOT
- Manage assets acquired by NCDOT prior to construction
- Acquire secondary road rights of way
- Monitor & certify Local Municipal Projects requiring Federal or State funding
- Provide Environmental Impact Studies for Environmental documents as needed
- Participate in public hearings, as needed, to provide information about the right of way process during the planning process

# Right of Way Process Timeline

Acquisition Timeline in Days for Residential Displacees = 7 months





# Other Influences on ROW Schedules

Property Owner  
Bankruptcy

Contamination of  
proposed acquisition  
sites (Gas Stations, dry  
cleaners, tire stores,  
etc.)

Complicated relocation  
moves (i.e. businesses,  
farms, condos,  
apartment buildings,  
billboards, etc.)

Complicated appraisal  
items (i.e. golf courses,  
retention ponds, access  
issues, parking lots  
etc.)

Title issues (multiple  
known/ unknown heirs,  
deed of trust releases,  
etc. )

Septic tanks and wells

Underground Storage  
Tanks

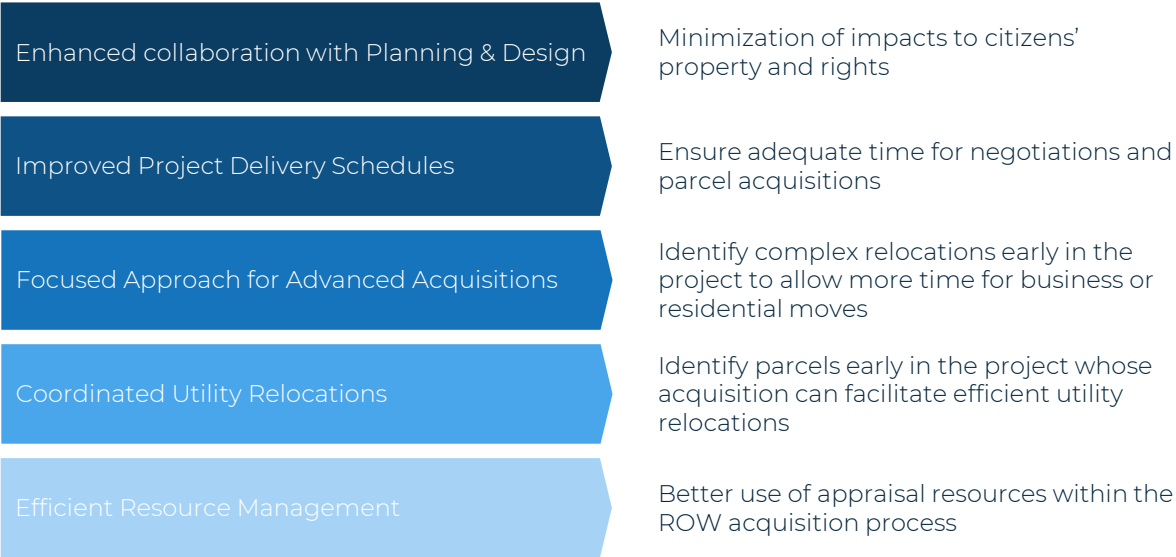
NCDOT structures or  
lanes that are in  
proximity to private  
structures

Utilities in conflict with  
the project

# Right of Way Acquisition Strategy

## Program Strategy

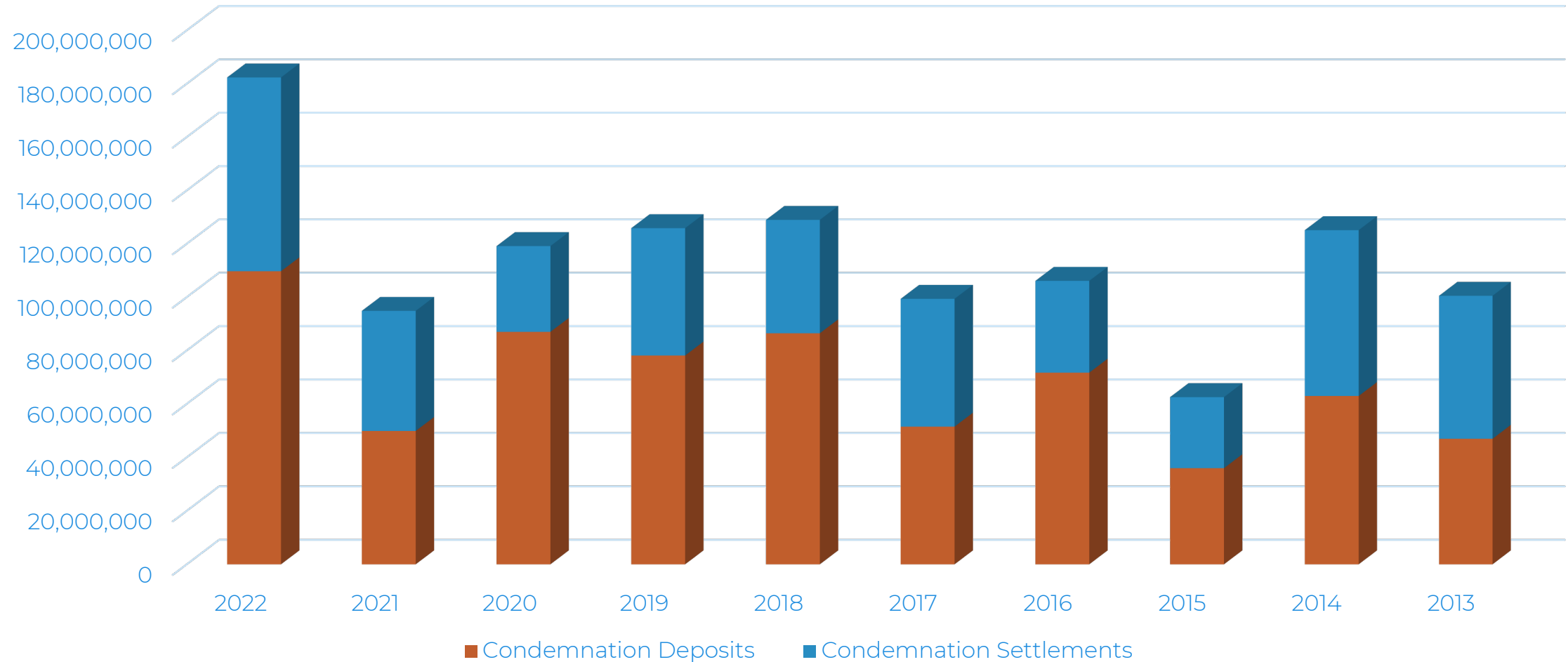
## Benefits & outcomes



# ROW 10-YR Trends



# Deposits for Condemnation and Condemnation Settlements Spend 10-Yr

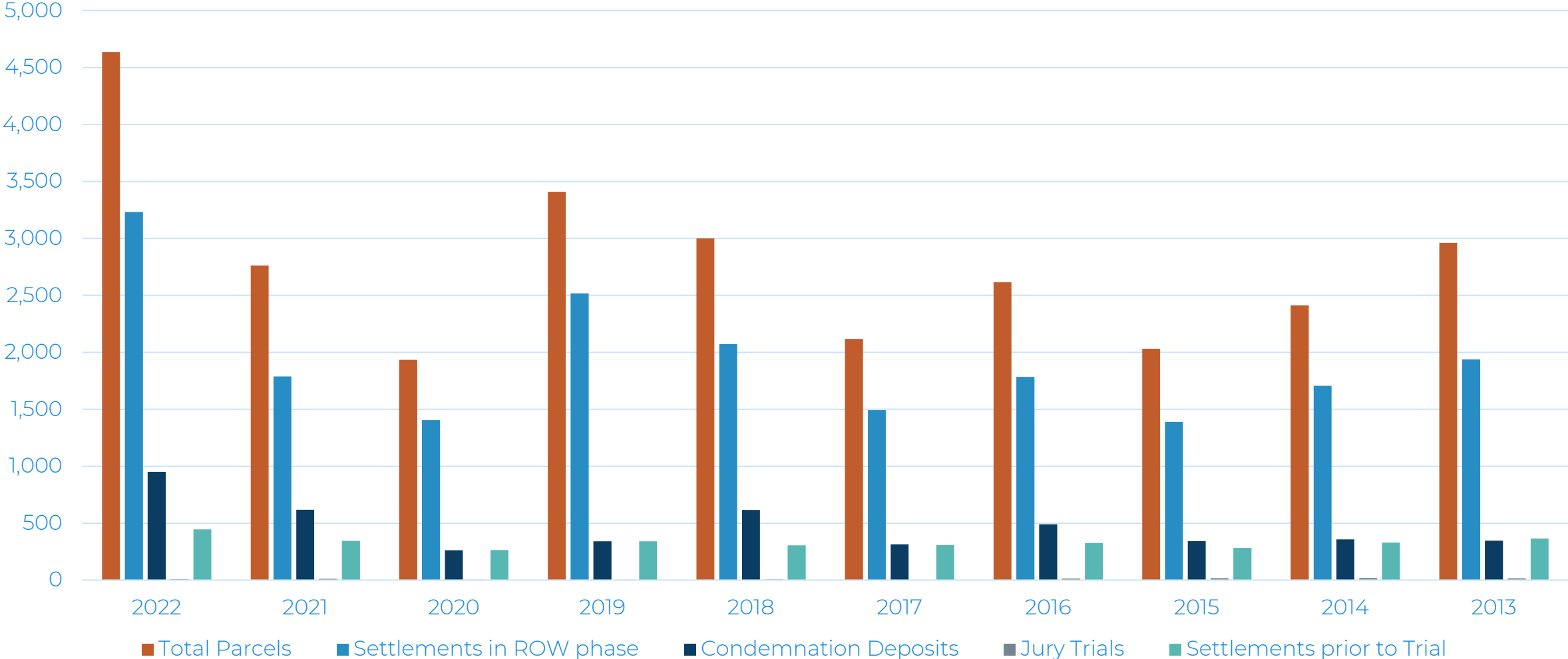


# Condemnation Analysis Claims 10 Yr.

	<u>Total Parcels</u>	<u>Settlements in ROW</u>	<u>Condemnation Deposits</u>	<u>Settlements prior to Trial</u>	<u>Jury Trials</u>
2022	4636	3232	951 (21%)	445	8
2021	2762	1789	617 (22%)	345	11
2020	1934	1404	262 (14%)	264	4
2019	3409	2517	341 (10%)	341	4
2018	3000	2073	616 (21%)	305	6
2017	2117	1492	315 (15%)	307	3
2016	2615	1785	490 (19%)	326	14
2015	2031	1388	342 (17%)	283	18
2014	2412	1706	357 (15%)	330	19
2013	2961	1937	346 (12%)	366	16

**2022 total parcels = 36% increase over the next highest parcel count year in 2019 and 68% increase in total parcels from 2021**

# Right of Way Acquisition Parcel Count Data 2013-2022



# Average Spend Type Per Claim

*(Over 10 Years)*

<b>Standard ROW Settlements</b>	<b>\$89,207.60</b>
<b>Condemnation Deposit</b>	<b>\$153,833.38</b>
<b>Total Condemnation Settlements</b> <i>(Condemnation Deposits + Condemnation Settlements)</i>	<b>\$292,299.10</b>
<b>Total Jury Verdicts</b> <i>(Condemnation Deposits + Jury Verdict)</i>	<b>\$818,124.68</b>

# Condemnation Duration Analysis

## TOTALS (over all types of projects) from 2004-2022

Summary:

Total Case Count	1934
Average duration between deposit and adjudication or settlement	28.9 months
Least months of duration	3 months
Highest months of duration	216 months (18 years)*



\*Per General Statute, a property owner can seek a waiver of trial proceedings until NCDOT completed construction of the project.



# Condemnation Duration Analysis

## SPECIFIC TYPE PROJECTS

<u>Type</u>	<u>Case Count</u>	<u>Average Duration</u>
(B)Bridge	127	26.5 months
(I)Interstate	204	21.8 months
(R)Rural	748	34.9 months
(U)Urban	738	26.2 months
W(Division local)	87	22.2 months



# ROW 2022 Calendar Year Statistics



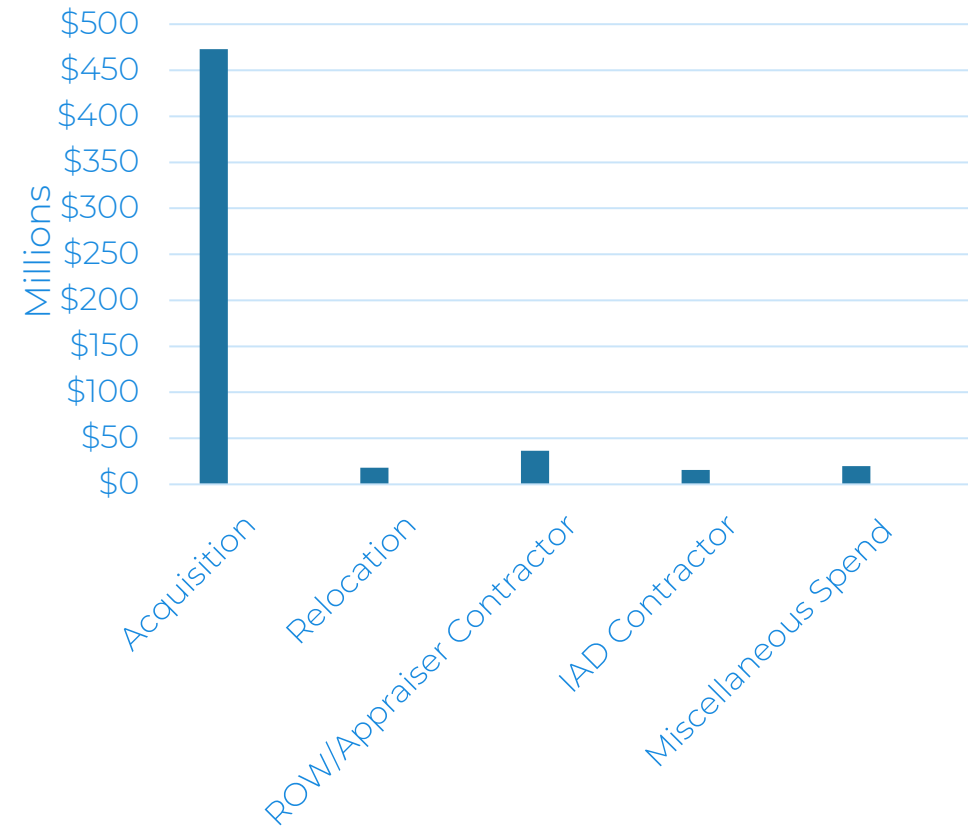
# ROW Program Spend CY 2022

**ROW Spend \$562,663,773.62**

Acquisition Spend	\$472,777,140.23 (84%)
Relocation Spend	\$17,930,919.81 (3%)
ROW/ Appraiser Contractor Fees paid	\$36,351,279.85 (6%)
IAD Contractor Fees paid	\$15,757,687.50 (3%)
Misc. Spend (Real Estate Tax Re-imbusement, Other PO & Contract, Legal Fees)	\$19,846,746.23 (4%)

IAD = Inspections, Asbestos and Demolition

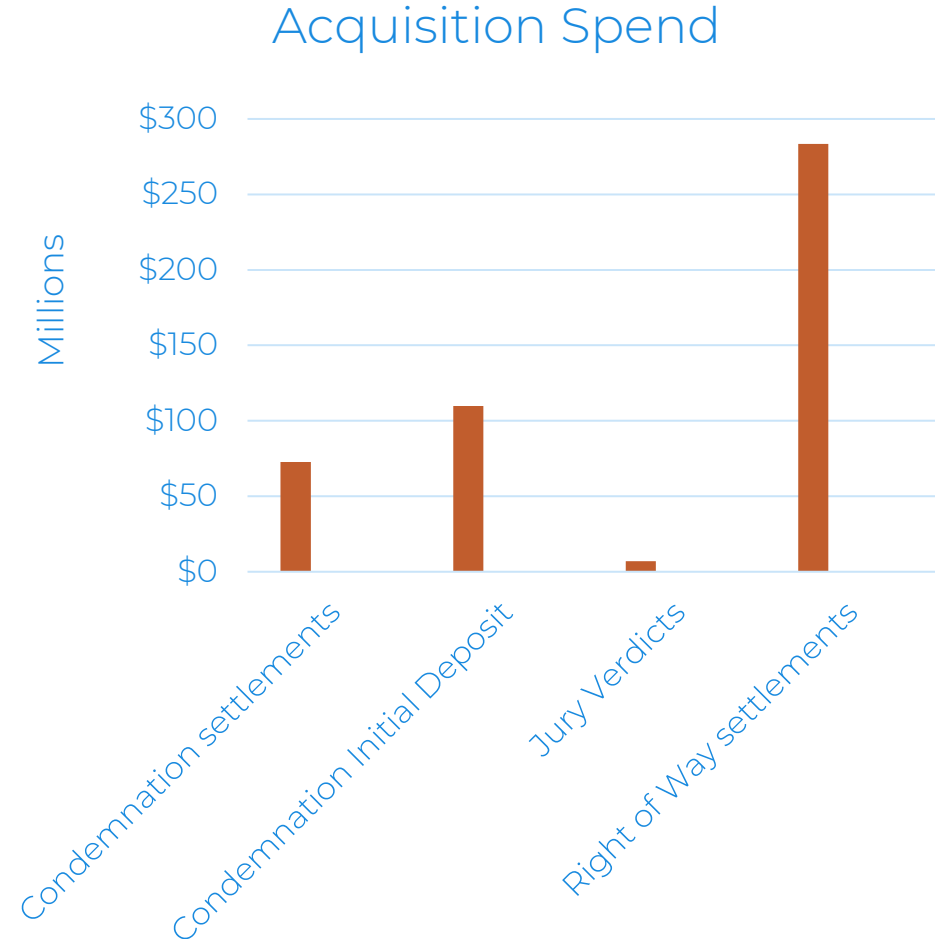
ROW Spend



# Standard ROW Acquisitions CY 2022

**Acquisition Spend \$ 472,777,140.23**  
**(84% of Total ROW Spend)**

Standard ROW settlements	\$283,411,271.35
Condemnation Initial Deposit spend	\$109,712,911.62
Condemnation settlements	\$72,631,938.19
Jury Verdicts	\$7,021,019.07



# ROW Relocations CY 2022

**Relocation Spend \$17,930,919.81**

**(4% of Total ROW spend)**

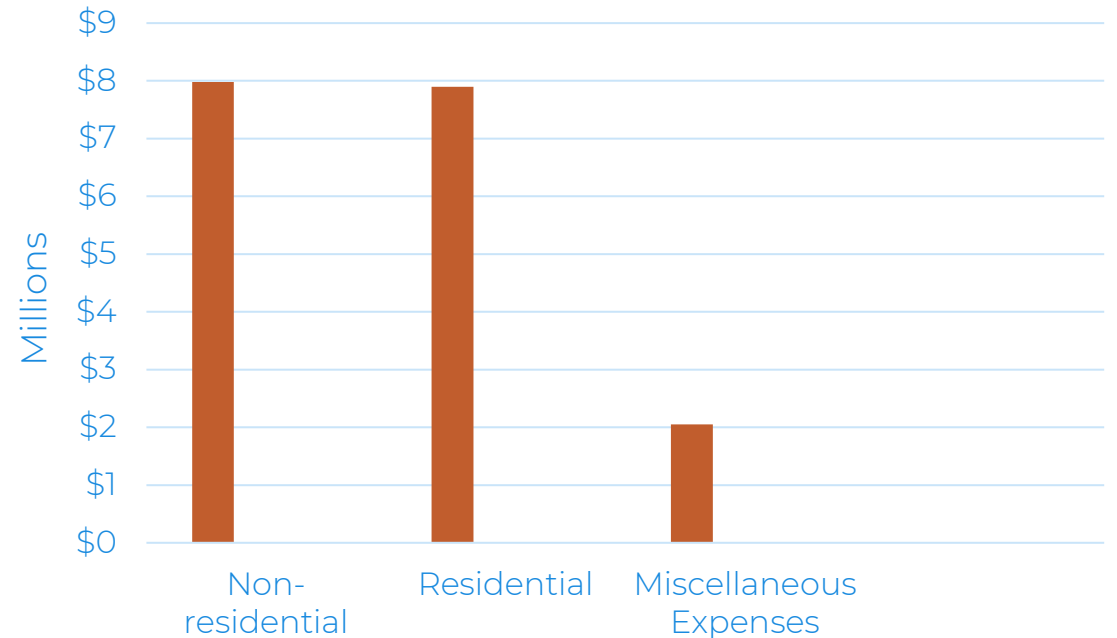
**Non-residential expenses  
\$7,981,957**

**Residential expenses  
\$7,899,485**

**Other miscellaneous (protective rent, etc.)  
\$2,049,477.81**

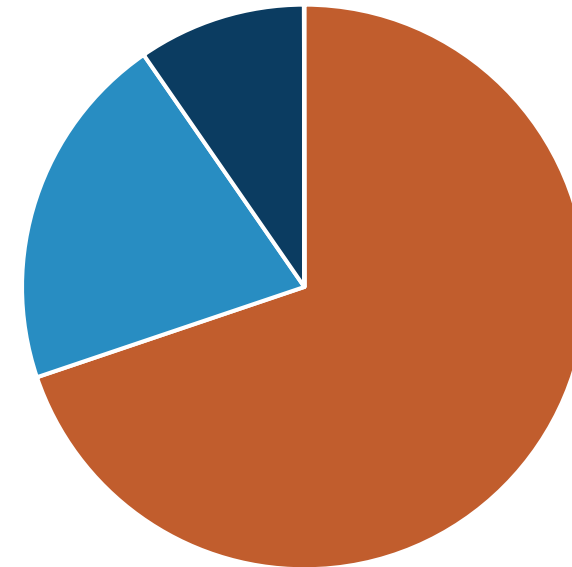
*\*Moving expenses comprise 11% of residential expenditures, but comprise 87% of non-residential expenditures*

Relocation Spend



# Acquisition Claim Count CY 2022

<b>Total Acquisition Claims:</b>	<b>4636</b>
<i>Avg cost \$101,979.54</i>	
<b>Right of Way Settlements:</b>	<b>3232 (70%)</b>
<i>Avg cost \$87,689.13</i>	
<b>Condemnation Deposit:</b>	<b>951 (21%)</b>
<i>Avg cost \$115,365.84</i>	
<b>Condemnation Settlements:</b>	<b>445 (9%)</b>
<i>Avg cost \$163,217.84</i>	
<b>Jury Verdicts:</b>	<b>8 (&lt;1%)</b>
<i>Avg cost \$887,627.38</i>	



- Settled in ROW phase
- Condemnation Deposits
- Condemnation Settlements
- Jury Verdicts

# What's Ahead?



# Projected Rise in Real Estate Prices





State	07/31/23	09/30/23	06/30/24
North Carolina	.74	1.95	8.26
South Carolina	.41	1.32	6.24
Tennessee	.77	1.95	8.73
Virginia	.55	1.33	5.46
Georgia	.62	1.71	7.86
Florida	.48	1.34	7.54
<b>Average</b>	<b>.60</b>	<b>1.6</b>	<b>7.34</b>

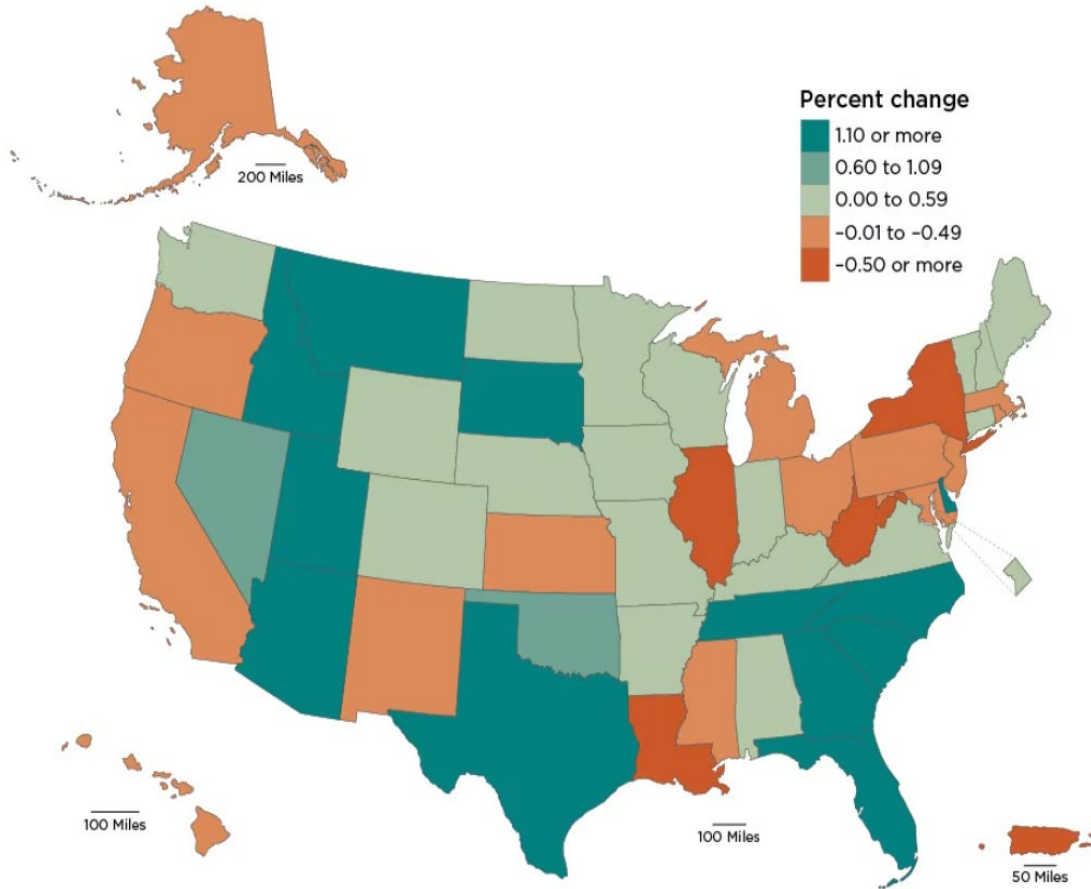
State	07/31/23	09/30/23	06/30/24
Pennsylvania	.74	1.95	8.26
New Jersey	.41	1.32	6.24
New York	.77	1.95	8.73
Illinois	.55	1.33	5.46
Texas	.62	1.71	7.86
California	.48	1.34	7.54
Arkansas	.23	.5	3.88
Colorado	.60	1.6	7.34
Indiana	.85	1.78	6.7
Kansas	1.02	2.27	8.3
Kentucky	.285	.84	5.5
Louisiana	-.013	-.218	.265
Michigan	.264	.59	4.84
Minnesota	.3	.33	4.22
Nevada	.63	1.52	5.46
New Mexico	.11	.48	3.79
Oregon	.51	1.22	6.05
Ohio	.675	1.36	5.48
Oklahoma	.523	1.34	6.12
West Virginia	.57	1.1	3.42
Washington	.545	1.35	6.53
<b>Average</b>	<b>.51</b>	<b>1.22</b>	<b>5.81</b>

# Zillow Projections for US States & Southeast

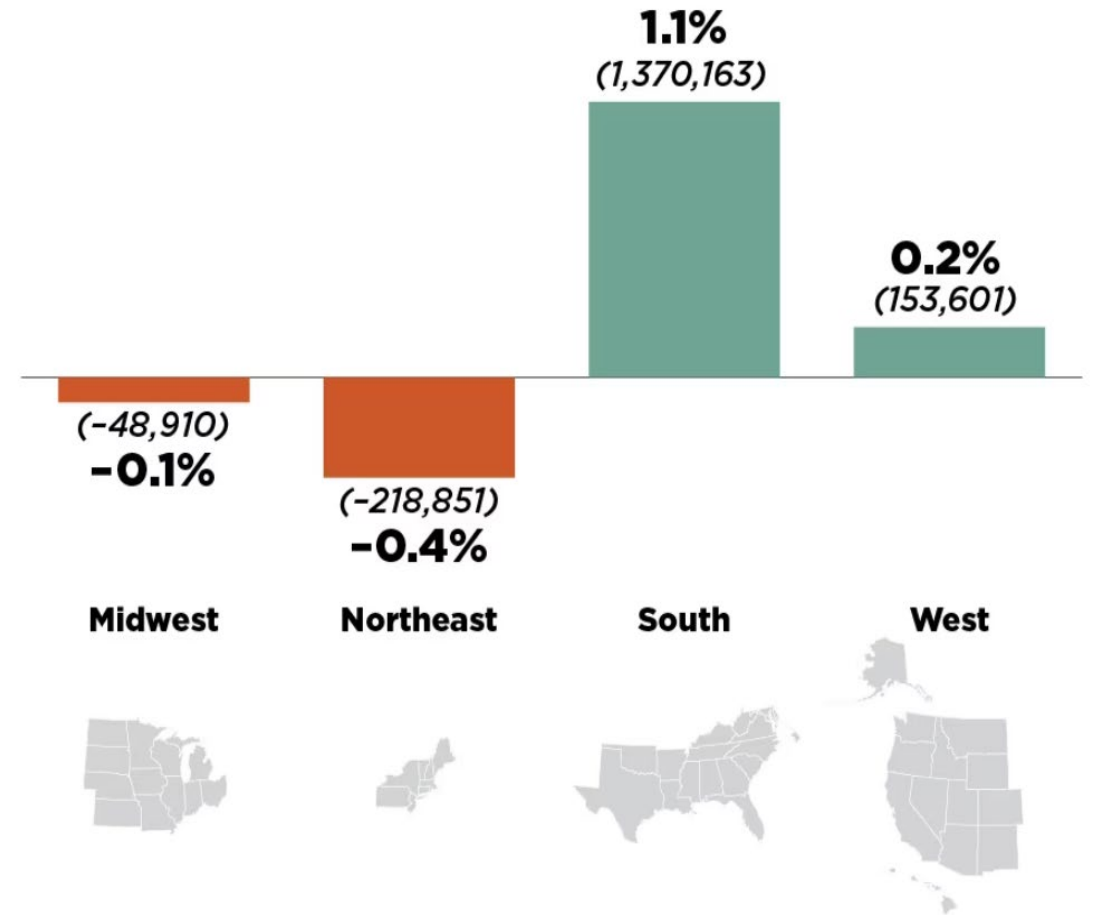
\* Increase in projected average price per %

\*\* NC Metro Areas with a projected 10%+ increase in housing prices for 06/30/24 – Lumberton, Kinston, Boone, Brevard, N. Wilkesboro

## Percent Change in State Population: July 1, 2021 to July 1, 2022



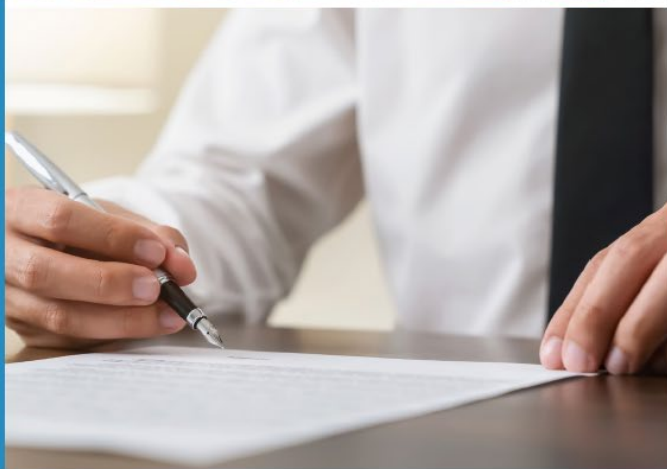
## Population Change by Region: July 1, 2021 to July 1, 2022



# Efforts in Communication



# Advance Right-Of-Way Acquisitions



## ADVANCE RIGHT-OF-WAY ACQUISITIONS

Right-of-way acquisitions occur when land or easements are acquired to complete a transportation project. They typically occur after a project's plans have been completed.

This brochure details advance right-of-way acquisitions, which typically occur before the completion of right-of-way plans for the entire project or part of it.

**Advance right-of-way acquisitions** are acquisitions performed by the N.C. Department of Transportation for transportation purposes.

Advance acquisitions typically occur prior to completion of the final right-of-way plans for the entire project or segment of said project.

## HOW DO ADVANCE ACQUISITIONS ARISE?

### 1. UNDUE HARDSHIP (INITIATED BY THE PROPERTY OWNER)

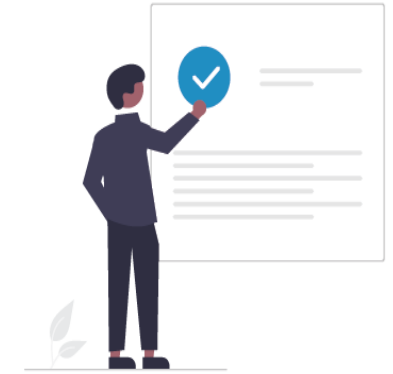
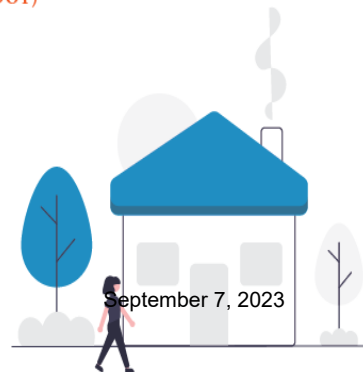
- a. **Medical:** Medical conditions that would require the immediate sale of the property and potential move to a replacement location.
- b. **Financial:** Difficulties that require immediate sale of the property. Examples include, transfer of employment; loss of employment; potential or filed bankruptcy; change of marital status.
- c. **Safety:** Immediate safety concerns of the property that would require the sale AND required move to a replacement location. Examples include: structures severely weakened or unlivable by storms, fire, or other acts of nature; residences deemed uninhabitable by a local jurisdiction.

### 2. PROTECTIVE PURCHASES (INITIATED BY NCDOT) **EARLY ACQUISITION (INITIATED BY NCDOT)**

- a. Complex relocations involving utilities or complex properties

### 3. **EARLY ACQUISITION (INITIATED BY NCDOT) PROTECTIVE PURCHASES (INITIATED BY NCDOT)**

- a. Accelerated project
- b. Conservation or environmental mitigation
- c. Other identified high priority project needs, and those situations allowed by law



## WHO CAN APPLY?

Any property owner with property affected by the pathway of a highway project as shown on public hearing maps or plans, can apply for Hardship Advanced Acquisition.

## WHAT INFORMATION IS NEEDED FOR THE APPLICATION?

- **Hardship Acquisition Request Form (HARF):** The HARF is available online in PDF form, at public meetings, and upon request. This document is required for all types of Hardship Acquisition.
- **Letter from a NC licensed Realtor or Listing Service:** The owner must also document and support an inability to sell the property for fair market value within a typical period of time. The price at which the property is offered for sale must be representative of fair market value. If the property has been offered at an unrealistic price, then the requirements of the Federal Guidelines have not been met.

## WHEN DO I SUBMIT A HARDSHIP APPLICATION?

- **Hardship Advanced Acquisitions Applications** can be submitted any time before the N.C. Board of Transportation authorizes the right-of-way acquisition for the project.

## WHERE DO I SUBMIT A HARDSHIP APPLICATION?

All advance acquisition hardship request packets should be delivered to the NCDOT highway division right-of-way office in your area. See the map and corresponding contacts on the next page.

# Communications

## REVISED ROW Acquisition Brochure

### The revised Right of Way Acquisition Brochure:

- Informs owners of their legal rights during the Right of Way acquisition process
- Explains that property owners have the right to negotiate the offer for just compensation
- Explains the steps of the condemnation process
- Explains the steps of a transportation project
- Informs owners that the Department cannot take possession of any property without payment to landowner during settlement or Clerk of Court through condemnation

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8	RETENTION OF IMPROVEMENTS
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9	IRS MATTERS
10	WHAT HAPPENS IF YOU DON'T AGREE ON A SETTLEMENT PRICE?
12	RELOCATION ASSISTANCE PROGRAM
12	FREQUENTLY ASKED QUESTIONS
14	MAP OF DIVISION AREAS
14	LIST OF DIVISION AND RIGHT OF WAY OFFICES



#### INITIAL CONTACT WITH NCDOT

Once a transportation route is approved and the design is complete, detailed plans are developed which determine the amount of land needed for the construction of the transportation project. If you are identified through a title search as an owner of property needed for the project, a Right of Way agent will contact you to discuss the highway project and its impact on you.

Right of Way agents are trained to explain the project and answer any questions you have.

- The transportation project may require only a portion of your property (partial acquisition) or your entire property
- You will be shown highway right of way plans to see how your property may be affected
- You will be advised of your legal rights during the initial meeting



#### YOU HAVE THE LEGAL RIGHT TO:

1. Have your property appraised by a licensed appraiser
2. Accompany the appraiser on the inspection of all structures on your property
3. Have your property appraised for value without any appraiser conflict of interest and without undue influence or coercion reflected in the appraised value
4. Receive a written offer for compensation
5. Negotiate with NCDOT on your written offer
6. Be paid the full amount of compensation prior to being required to vacate your property
7. Receive an offer to purchase any small, remaining tracts left over from your acquisition at market value
8. Be informed of your rights and benefits under the Relocation Program if your dwelling or commercial building is in the path of the highway project
9. Be assured of your rights under Title VI, the Civil Rights Act of 1964, N.C. General Statutes, and 49 CFR Code of Federal Regulations
10. Have your compensation determined by a court of law if you cannot reach a settlement with NCDOT

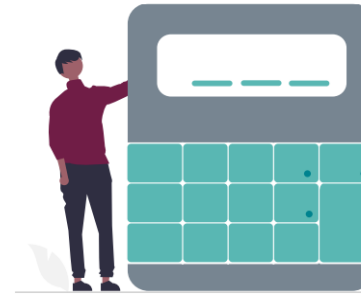
# Communications

## Released ROW NON-Residential Relocation Brochure

### The revised Right of Way Non-Residential Relocation Brochure:

- Informs owners/ tenants who must relocate that they are eligible to receive reimbursement for moving
- Explains the process for receiving non-residential relocation reimbursement
- Explains the Department must provide relocation advisory services to non-residential relocation owners/ tenants
- Informs the non-residential relocation owner/ tenants of which items are NOT eligible for reimbursement during the move process

TABLE OF CONTENTS	
1	INTRODUCTION
1	RELOCATION ADVISORY SERVICES
2	SUMMARY OF RELOCATION ASSISTANCE
3	GENERAL QUESTIONS
5	WHAT MOVING EXPENSES ARE ELIGIBLE FOR PAYMENT?
7	OTHER THAN MOVING EXPENSES, ARE OTHER COSTS ELIGIBLE FOR REIMBURSEMENT?
8	WHAT IS A PAYMENT FOR REESTABLISHING EXPENSES?
9	WILL MY BUSINESS BE REIMBURSED FOR LOSS OF GOODWILL?
9	WHAT IS A FIXED MOVING PAYMENT?
9	MUST I FILE A CLAIM FOR A RELOCATION PAYMENT?
10	WILL I HAVE TO PAY RENT TO THE AGENCY BEFORE I MOVE?
10	DO I HAVE TO PAY FEDERAL INCOME TAXES ON MY RELOCATION PAYMENTS?
11	YOUR RIGHT TO APPEAL
13	APPENDIX



### WHAT MOVING EXPENSES ARE ELIGIBLE FOR PAYMENT?

If you choose a payment for actual, reasonable, and necessary moving and related expenses, you may be reimbursed for the following costs:

- ✓ Transportation of your personal property. Transportation costs beyond 50 miles are ineligible, unless the department determines that relocation beyond 50 miles is justified.
- ✓ Packing, crating, unpacking and uncrating personal property.
- ✓ Disconnecting, dismantling, removing, reassembling, and reinstalling relocated personal property including machinery, equipment, substitute personal property and connections to utilities available within the building. This also includes modifications to the personal property mandated by federal, state, or local law, code or ordinance necessary to adapt it to the replacement structure, the replacement site, or the utilities at the replacement site to the personal property.
- ✓ If necessary, upon approval from NCDOT, storage of the personal property for a period not to exceed 12 months.
- ✓ Insurance for the replacement value of the property in connection with the move and any approved storage.

- ✓ The replacement value of property lost, stolen, or damaged in the process of moving where insurance covering such loss, theft, or damage is not reasonably available.
- ✓ Any license, permit or certification required at the replacement location. However, the payment will be based on the remaining useful life of the existing license, permit or certification.
- ✓ Professional services as the Agency determines to be actual, reasonable, and necessary for planning the move of the personal property, moving the personal property, and installing the relocated personal property at the replacement location.
- ✓ Re-lettering signs and replacing stationery on hand at the time of displacement that is made obsolete because of the move.



- ✓ Loss of tangible personal property incurred as a result of moving or discontinuing the business or farm operation.
- ✓ The reasonable cost of attempting to sell an item that is not to be relocated.
- ✓ If an item is not moved but is promptly replaced with a substitute item that performs a comparable function at the replacement site, you may be reimbursed the lesser of: the cost of the substitute item, including installation costs at the replacement site, minus any proceeds from the sale or trade-in of the replaced item; or the estimated cost of moving and reinstalling the replaced item but with no allowance for storage.
- ✓ Reimbursement, up to \$2,500, for time spent searching for a replacement location.

# Communications

## Released ROW Residential Relocation Brochure

### The revised Right of Way Residential Relocation Brochure:

- Informs owners/ tenants who must relocate that they are eligible to receive reimbursement for moving
- Explains how relocation housing payment supplements are determined
- Informs owners they have the right to appeal the determination of their relocation benefits
- Explains Relocation Advisory Assistance Checklist

TABLE OF CONTENTS	
1	INTRODUCTION
1	RELOCATION ADVISORY SERVICES
2	SOCIAL SERVICES PROVIDED BY OTHER AGENCIES
2	RELOCATION ADVISORY ASSISTANCE CHECKLIST
3	MOVING PAYMENTS
5	REPLACEMENT HOUSING PAYMENTS
7	REPLACEMENT HOUSING PAYMENTS FOR HOMEOWNERS
9	REPLACEMENT HOUSING PAYMENT FOR 90-DAY TENANT OCCUPANTS
11	YOUR RIGHT TO APPEAL
13	APPENDIX

### REPLACEMENT HOUSING PAYMENTS

If you are displaced from your residence, you will be given a written eligibility notice at least 90 days prior to being required to move. The notice will describe, in detail, all the relocation benefits you may be eligible to receive. One of these benefits is a Replacement Housing Payment, which depends on if you are a homeowner or tenant, and how long you have lived at the current residence.

Replacement Housing Payments can be better understood by familiarizing yourself with the terms *Comparable Replacement Property* and *Decent, Safe and Sanitary*.

#### COMPARABLE REPLACEMENT PROPERTY



The asking price or rent of a comparable replacement dwelling will establish the maximum amount you may receive for your replacement housing payment. The comparable replacement dwelling should be functionally similar to your present dwelling.

**While it will not be identical, the replacement should have certain attributes such as:**

- ✓ Similar number of rooms and living space
- ✓ Located in an area not subject to adverse environmental conditions
- ✓ Generally, not located in an area less desirable than your present location with respect to public utilities and commercial and public facilities
- ✓ Currently available to you
- ✓ Land area that is typical in size for similar dwellings located in the same, or similar, neighborhood or rural area
- ✓ Within the financial means of the displaced person

#### IN ADDITION TO PERSONAL CONTACTS

Your Right of Way/Relocation Agent is available to assist you during convenient hours, including evening hours when necessary. Your agent has access or can refer you to the appropriate person/agency for a variety of information concerning.

- ✓ Listing of available replacement properties
- ✓ Local housing ordinances
- ✓ Building codes
- ✓ Social services
- ✓ Security deposits
- ✓ Interest rates and terms
- ✓ VA and FHA loan requirements
- ✓ Real property taxes
- ✓ Consumer education literature on housing

#### SOCIAL SERVICES PROVIDED BY OTHER AGENCIES

Your right of way/relocation agent is familiar with the services provided by other public and private agencies in your community. If you have particular needs, the agent will make every effort to secure assistance from those agencies who have the expertise to help. You should talk to your relocation agent if you would like these kinds of services.

#### RELOCATION ADVISORY ASSISTANCE CHECKLIST

This checklist summarizes the relocation advisory assistance you will receive if you are displaced. Your right of way/relocation agent will meet with you to:

- ✓ Determine any specific needs and/or requirements
- ✓ Explain the relocation process and entitlements
- ✓ Offer relocation advisory assistance
- ✓ Offer transportation, if necessary
- ✓ Ensure the availability of a comparable property ahead of displacement
- ✓ Provide referrals to comparable properties
- ✓ Provide the amount of your maximum replacement housing entitlement in writing, 90 days or more before the required vacate date
- ✓ Inspect replacement homes for decent, safe and sanitary (DSS) standards. This is required on all replacement dwellings.
- ✓ Supply information about other federal, state and local programs offering assistance to displaced persons
- ✓ Help minimize hardships

# ROW Training

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NCDOT Right of Way Training Program Manual

# Right of Way Training Program

## Purpose

To provide professional development and training for the Right of Way Personnel in NCDOT policy, procedures, and all processes relating to the Administration of the Right of Way Program in accordance with 49 CFR, Code of Federal Regulations, Part 24 and relating laws. The purposes of the Training Program are to:

- a) Improve professional competence.
- b) Improve the right of way processes.
- c) Prepare employees for advancement.

## Objective

The Right of Way Training Program objective is to provide education and training venues for existing staff, new employees, and consultants.

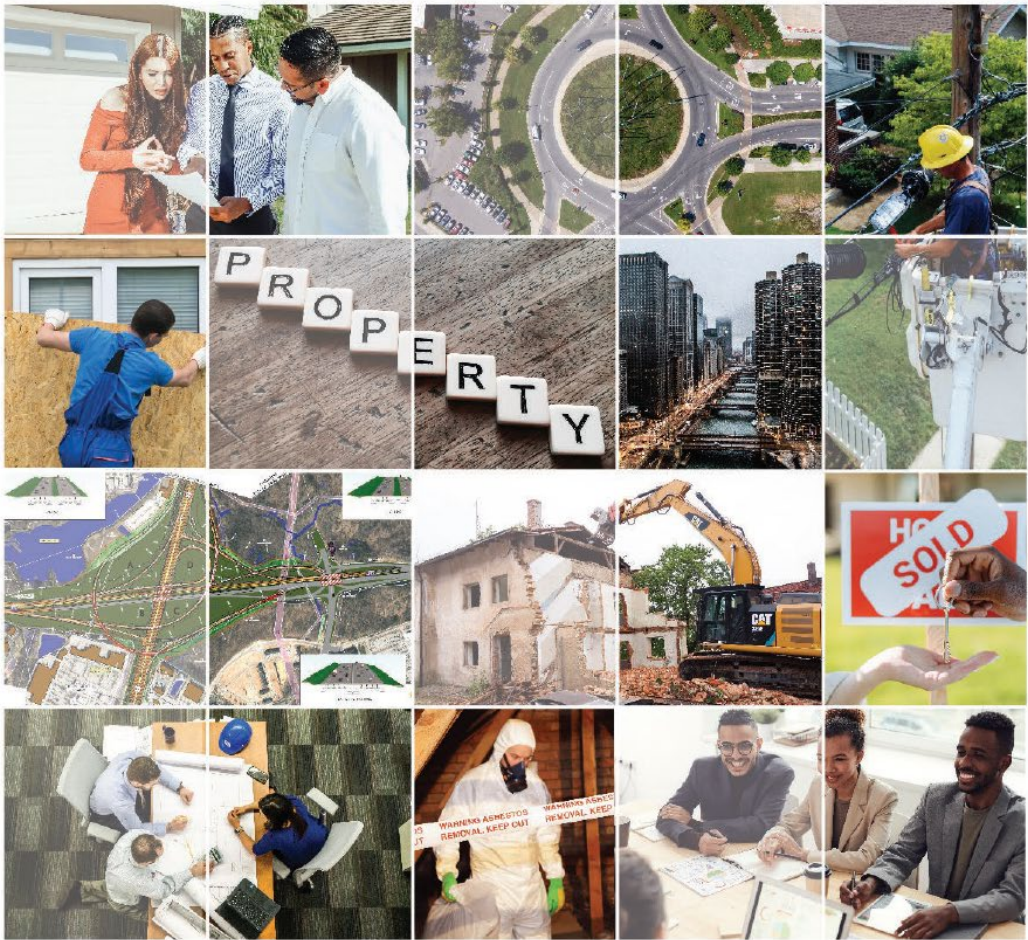
## Scope

The program scope is applicable to Right of Way personnel that are assigned to the Right of Way Central office and/or Right of Way Division offices. The training courses may be available to contract consultant staff, transportation partners, and other NCDOT staff. The program is designed for new and existing employees and consultant staff.

## Program Goals

- Improve public service
- Improve the knowledge of individual Right of Way disciplines
- Improve the relocation process
- Develop professional staff standards
- Improve professional competency level
- Improve the Right of Way property acquisition process
- Provide professional training
- Provide increased job satisfaction
- Staff retention

September 7, 2023



# Right of Way Training Program Manual



NCDOT Right of Way Training Program Manual



Performance Module I: Fundamentals of Right of Way

After completion of this module, which is mandatory for all new employees, the participant will understand the following:

- Basic appraisal concepts
- Premise of Uniform Act Relocation and related benefits
- Confirm legal ownership and title review
- Right of Way plan reading fundamentals
- Introduction to effective negotiation and acquisition
- North Carolina principles and practices of condemnation
- Introduction to Right of Way industry disciplines
- Professional Ethics and the relationship to Right of Way

Module I: Fundamentals of Right of Way		
Introduction to Appraisal Concepts	Industry (Core)	2 hours
Introduction to Relocation	Industry (Core)	3 hours
Land Titles	Industry (Core)	3 hours
Plan Reading	NCDOT (Core)	9 hours
Right of Way Acquisition and Effective Negotiations	Industry	3 hours
Right of Way Condemnation Law	Industry (Core)	3 hours
Principles of Land Acquisition	100-IRWA (Core)	2 days
Elevating Your Ethical Awareness	102-IRWA (Core)	1 day



NCDOT Right of Way Training Program Manual

Performance Module II: Advanced Basics of Right of Way

After completion of this module, the participant will understand the following Right of Way concepts:

- Presentation of acquisition offer and effective negotiation techniques
- Real estate valuation process and its components
- Residential relocation processes and procedures
- Environmental issues and problems in acquiring or managing real property and rights of way
- Fundamentals of real estate law

Module II: Advanced Basics of Right of Way		
Principles of Real Estate Negotiation	200-IRWA	2 days
Principles of Real Estate Appraisal	400-IRWA (Core)	2 days
Residential Relocation Assistance	501-IRWA	2 days
Environmental Awareness	600-IRWA (Core)	1 day
Principles of Real Estate Law	800-IRWA (Core)	2 days

NCDOT Right of Way Training Program Manual



Performance Module II: Advanced Basics of Right of Way

After completion of this module, the participant will understand the following Right of Way concepts:

- Presentation of acquisition offer and effective negotiation techniques
- Real estate valuation process and its components
- Residential relocation processes and procedures
- Environmental issues and problems in acquiring or managing real property and rights of way
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Environmental Awareness	600-IRWA (Core)	1 day
Principles of Real Estate Law	800-IRWA (Core)	2 days



NCDOT Right of Way Training Program Manual

Performance Module III: Intermediate Right of Way

After completion of this module, the participant will be able to demonstrate a high level of proficiency in the following:

- Communications and negotiation skills used in the right of way profession
- Processes necessary to relocate a business
- Types, causes, effects, and implications of environmental contamination
- All major aspects of property management

Module III: Intermediate Right of Way		
Communication in Real Estate Acquisition	201-IRWA	3 days
Non-Residential Relocation Assistance	502-IRWA	2 days
Understanding Environmental Contamination in Real Estate	603-IRWA	1 day
Introduction to Property Management	700-IRWA (Core)	2 days



Performance Module V: Cafeteria Electives

Module V is designed to afford the participant or his/her supervisor the opportunity to focus on various courses to further professional development and provide a more diverse training platform. This module is also designed to afford Senior Managers the opportunity to participate in these courses to further their professional development and knowledge. Courses in this module may be used to substitute for other courses described in Modules I through IV in order to meet the requirements for completion of the program.

Module V: Cafeteria Electives		
The Uniform Act Executive Summary	105-IRWA	1 day
Practical Negotiations for U.S. Federal and Federally Assisted Projects	207-IRWA	2 days
Social Ecology: Listening to the Community	225-IRWA	1 day
When Public Agencies Collide	304-IRWA	1 day
15-Hour National Uniform Standards of Professional Appraisal Practice	406A-IRWA	2 days
Problems in the Valuation of Partial Acquisitions	431-IRWA	1 day
Advanced Business Relocation Assistance	506-IRWA	2 days
Non-Residential Fixed Payments	521-IRWA	1 day
Principles of Real Estate Engineering	900-IRWA	2 days
Complex Litigation Appraisal Case Studies	Appraisal Institute	1 day
Contract or Effective Rent: Finding the Real Rent	Appraisal Institute	4 hours
Marketability Studies: The Six-Step Process and Basic Applications	Appraisal Institute	1 day
Uniform Appraisal Standards for Federal Land Acquisitions: Practical Applications	Appraisal Institute	1 day
Real Estate Acquisition under the Uniform Act: An Overview	FHWA-NHA-141045	6 hours
Local Public Agency Real Estate Acquisition	FHWA-NHI-141047	6 hours
Basic Residential Relocation Under the Uniform Act	FHWA-NHI-141055	19 hours/varied
Basic Nonresidential Relocation Under the Uniform Act	FHWA-NHI-141056	14 hours
Fundamentals of Environmental Justice	FHWA-NHI-142074	5 hours
North Carolina Real Estate License Course	Industry	Varied Schedule
Condemnation Nuts and Bolts	Industry	15 hours



Consultant and Agency Developmental Courses

**“Asbestos Awareness”**: This 3-hour course teaches general awareness and safe work practices for employees who may come in contact with (but not disturb) asbestos. This course meets the EPA AHERA and OSHA Class IV operation requirements.

**“Central Office Internal Right of Way Operations”**: This course is designed as a process-driven workshop to introduce participants to the various administrative offices within the Right of Way unit.

**“Condemnation Nuts and Bolts”**: This course is a practical hands-on workshop series designed to build on the basics of real estate law, provide an understanding of the right of way condemnation process, while collaborating with right of agents, appraisers, and various experts.

**“Interdisciplinary Right of Way Processes”**: This course is designed to provide an overview of the right of way process and how the disciplines interrelate to each other.

**“Introduction to Appraisal Concepts”**: This 3-hour course is designed to introduce the employee to the three approaches to value and the appraisal premise.

**“Introduction to Relocation”**: This workshop is designed to introduce concepts and compliance measures that explain the fundamentals and practical aspects of the relocation process. The objective of workshop is to familiarize participants with basic relocation principles to allow for more advanced relocation professional development.

**“Land Titles”**: This course offers explanation and examples referencing the legality of land titles and a guide to the review process involved in securing legal title.

**“Mediation Techniques”**: This 4–6-hour course is designed to introduce employees to the Mediation process of the NCDOT; and offers mediation training through role-play, case history, and exercises in dispute resolution. This course is designed as a workshop with situational discussions on mediation techniques.

**“Non-Residential Relocation – The Move Process”**: This course is designed to lead the agent through the move process and to include developing the personal property inventory, move cost specifications, obtaining estimates and managing the move with the vendor.

**“North Carolina Real Estate License Course”**: This course is intended to provide students with the basic knowledge and skills necessary to act as a licensed real estate broker in a manner that protects and serves the public interest and prepares students for the North Carolina real estate license examination.

**“Plan Reading”**: This is an instructor-led course and is presented in three capsules. It is designed for right of way practitioners, new personnel, and existing personnel whose duties involve the reading and interpretation of highway plans. The objectives of this Plan Reading Course are to present a step-by-step process to teach you how to read, interpret, and relate to a standard set of right of way and construction plans; help

September 7, 2023



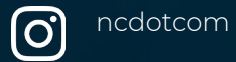
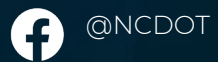
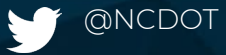
# Contact Us

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**Heather Fulghum**

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

919-707-4363



**Thank you!**

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**NORTH CAROLINA**  
Department of Transportation



# NCDOT TALONS Reimbursement

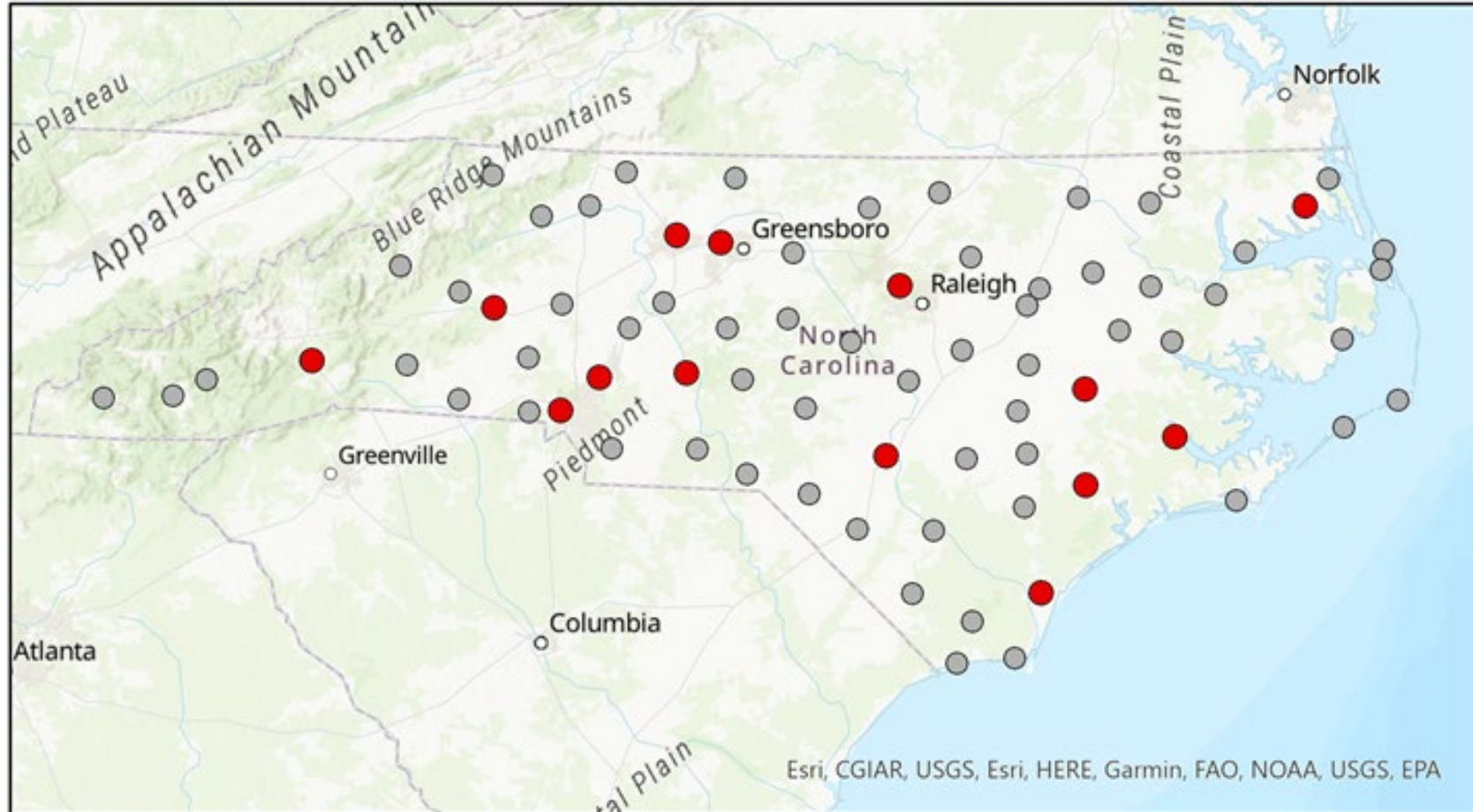
Becca Gallas  
Director, NCDOT Division of Aviation

September 6, 2023

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

# The Need: Accurate, real-time operational data for non-towered airports

58 of 72 N.C. airports do not have towers



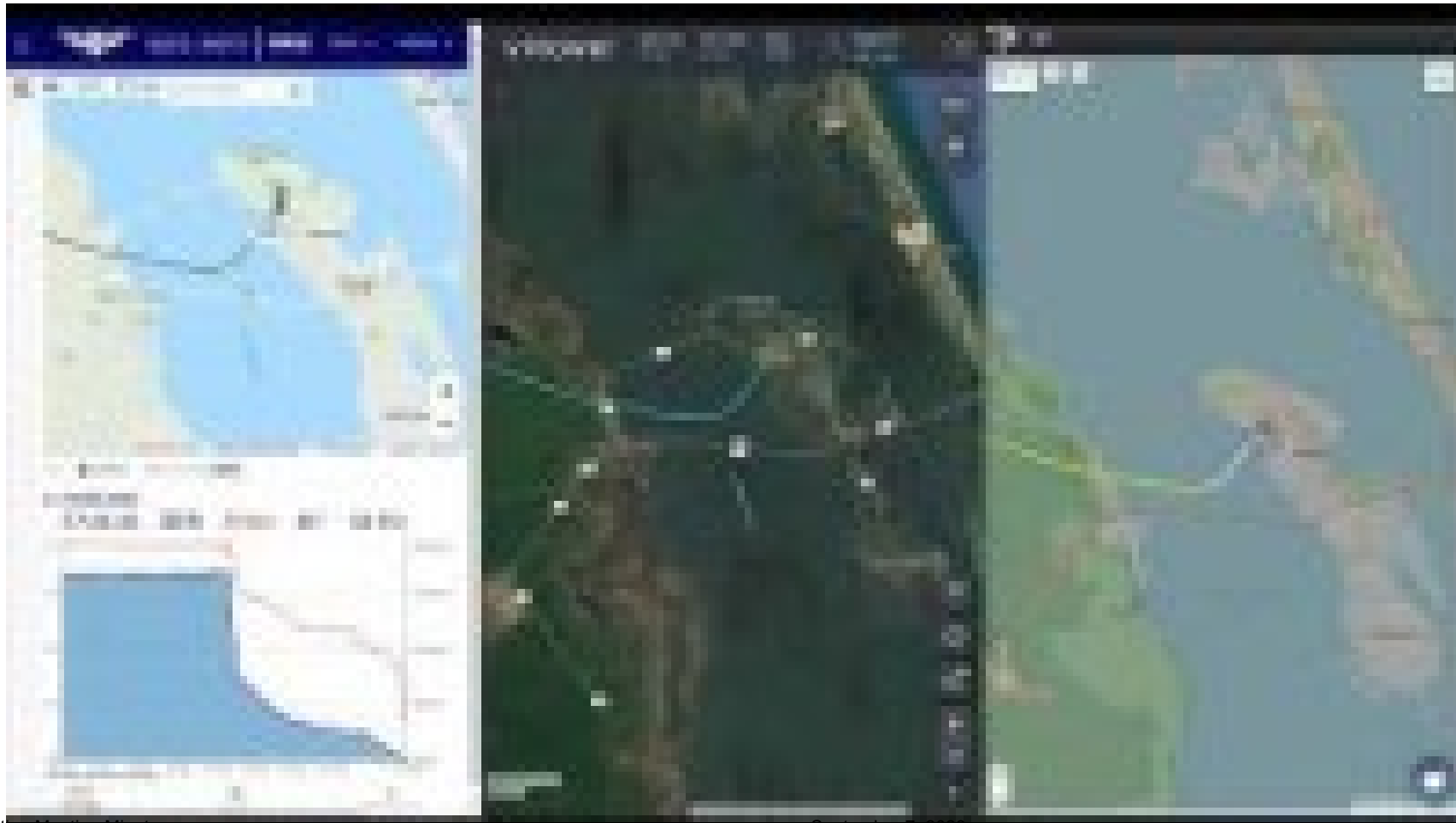
○ Non-towered Airport (58) ● Towered Airport (14)

September 7, 2023



# The Solution: Airport operations counting services

## Robust data collection, analysis and display



# Features

The screenshot displays the TALONS interface with the following components:

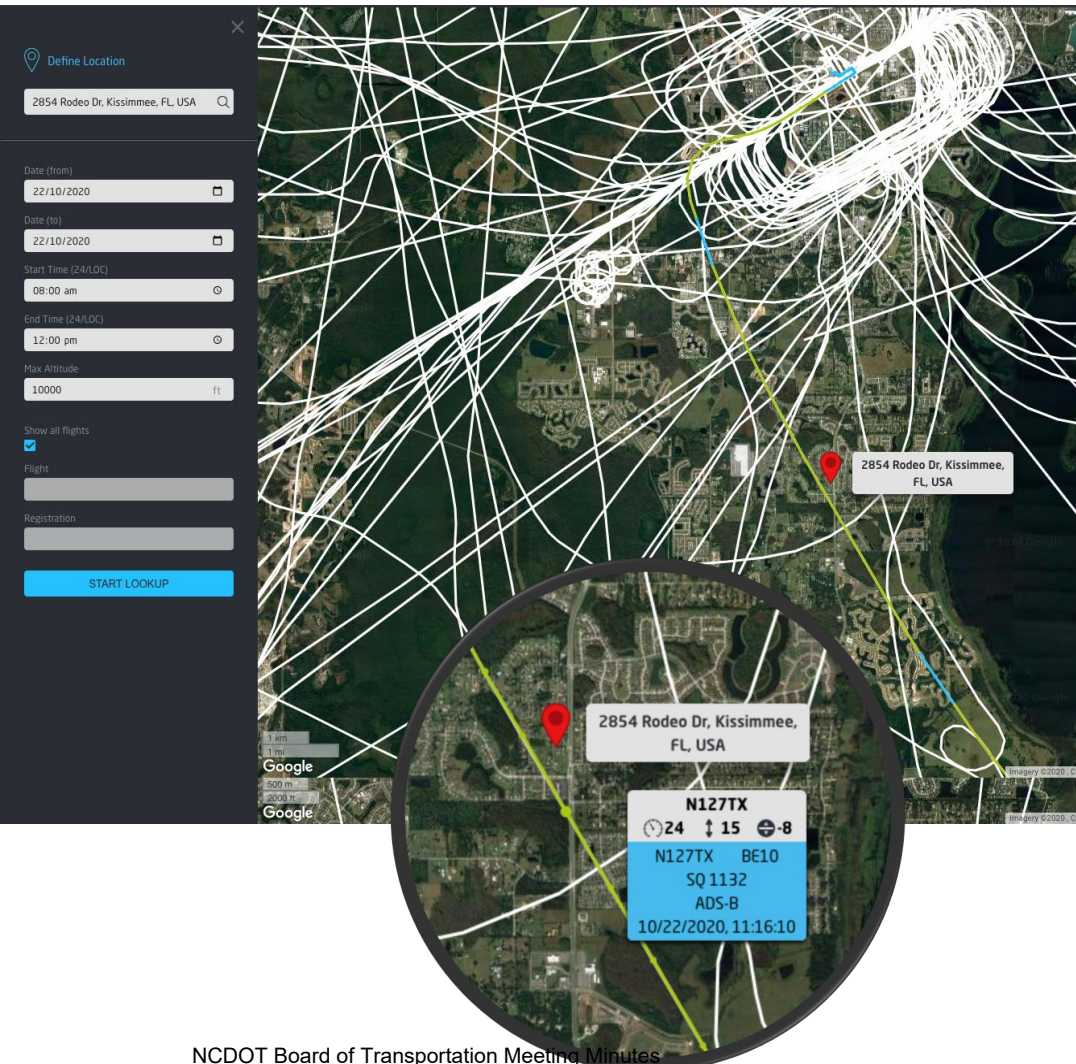
- ARRIVALS SCHEDULED Table:**

Regn	Flight	Type	From	Arrive	Status
N9082T	----	CESSNA 182C	3CM	07/26 03:09	Enroute
N95747	----	CESSNA 182Q	KRNP	07/26 03:08	Enroute
N214V	----	CIRRUS SF50	KOZW	07/25 12:37	Enroute
N907LW	----	CESSNA 525	KLUK	07/25 11:41	Enroute
N6698F	----	BEECH C24R	KGRR	07/25 11:14	Enroute
N545PA	----	GATES L 36A	KVPC	07/25 11:12	Enroute
N1228	----	PIPER PA-46-	3GV	07/25 11:11	Enroute
N500CD	----	----	KORF	07/25 10:58	Enroute
N6015L	----	GRUMMAN AA-5	----	07/25 10:44	Ldg Rwy 36P
N999XS	----	STOFFEL VANS R	----	07/25 10:44	Ldg Rwy 27
N5773Y	----	PIPER PA-23-	----	07/25 10:43	Taxiing
N610CC	----	PIPER PA-28-	----	07/25 10:43	Ldg Rwy 36P
N12LZ	----	LIMA ZO LIMA Z	----	07/25 10:43	Ldg Rwy 27
N9085W	----	PIPER PA-28-	----	07/25 10:43	Taxiing
N3260K	----	KELLY G LONG-E	----	07/25 10:43	Ldg Rwy 27
- DEPARTURES SCHEDULED Table:**

Regn	Flight	Type	To	Depart	Status
N477TS	----	RED EAG AIRCAM	----	07/25 10:40	Started
N5451E	----	NORTH A T-6G	----	07/25 10:38	Started
N149RL	----	FOCKE-W FWP 14	----	07/25 10:38	Started
N7431	----	CANADIA HARVAR	----	07/25 10:36	Started
N66TY	----	NORTH A T-6G	KOSH	07/25 10:32	Taxi
N7090C	----	NORTH A SNJ-4	----	07/25 10:32	Taxiing
N66JB	----	NORTH A T-6G	----	07/25 10:31	Taxiing
N1079L	----	LAKE LA-4-2	----	07/25 10:31	Departed
N244US	----	COSTRUZ P2012	----	07/25 10:30	Started
N8201V	----	NORTH A T-6G	KOSH	07/25 10:30	Taxi
N227DT	----	NASON D FALCO	KOSH	07/25 10:29	Taxi
N36CA	----	NORTH A AT-6D	----	07/25 10:28	Taxiing
N377WB	----	G-DAWG JA30 S	KOSH	07/25 10:27	Ldg Rwy 27
D-INFO	DINFO	PIPER PA-31T	----	07/25 10:26	Ldg Rwy 36P
N998TA	----	COSTRUZ P2008	----	07/25 10:25	Started
- Map:** A satellite map of an airport area with various aircraft icons and labels (e.g., N1250W, N433VC, N499LT).
- Flight Details Panel (N172FW | C172):**
  - Owner: RARITAN VALLEY FLYING SCHOOL
  - Model: 172R
  - Category: A-1
  - Year: 1997
  - ICAO address: A1212D
  - Flight: VFR Flight Just landed
  - Callsign: N172FW
  - Time: 10:44:38
  - Altitude: 750 ft
- Performance Graph:** A graph showing altitude (ft) and ground speed (kts) over time. At 10:44:38, the altitude is 750 ft and ground speed is 47 kts. The track is 270 degrees.

- Live maps for non-towered airports
- Operational analytics
- Notifications
- Based aircraft statistics
- Traffic forecasting
- Noise abatement
- Pavement utilization

# Benefits



## For Airports:

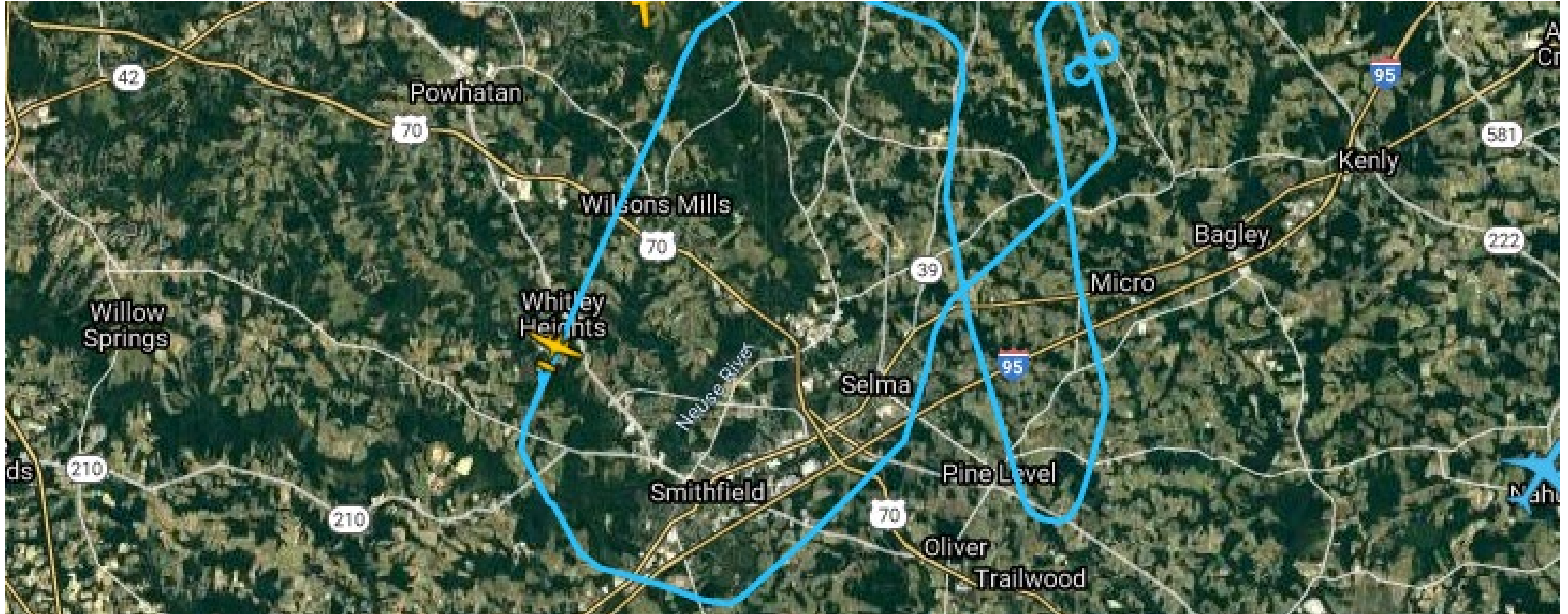
- Informing airport situational awareness to match customer needs
- Properly assessing charges to aircraft operators  
Informing property tax assessments from based aircraft
- Providing awareness of suspicious activity during off hours/identifying potential human trafficking

## For NCDOT:

- Reliable aircraft traffic counts and fleet information for prioritizing state and federally funded grants for infrastructure development
- Recreating operations for planning purposes
- Monitoring the airspace during drone operations to support unmanned air traffic management

# Performance Requirements

Operational Capabilities | Recording Capabilities | Reporting Capabilities



## Operational Capabilities



- Automated, continuous 24/7, all-weather, real-time access to flight operations data, including aircraft landings and takeoffs.
- Monthly summary reports to NCDOT
- Login access to NCDOT

## Recording Capabilities



- 90% or better of landings to and takeoffs from runway pavement by equipped (ADS-B) fixed-wing aircraft
- Each recorded aircraft operation with ADS-B data should identify its associated Aircraft Design Group (ADG), as defined by FAA
- All landing and takeoff operations should be additionally identified as:
  - Touch and go – touching the pavement in a continuous operation
  - Extended touch and go – less than 10 minutes on the ground at the airport
  - Full stop – all other landings and takeoffs
- Additional non-pavement-touching operations may be recorded and included in the data, but must be distinguished with appropriate descriptions, such as “low pass,” “missed approach,” etc.
- An evaluation of overcounting operations with a threshold of 10% must also be provided.

## Reporting Capabilities



- Minimum reporting of a monthly summary of aircraft operations showing:
  - Monthly total by aircraft ADG
  - Daily operation counts, with aircraft details, including the aircraft's ADG and its make, model and registration

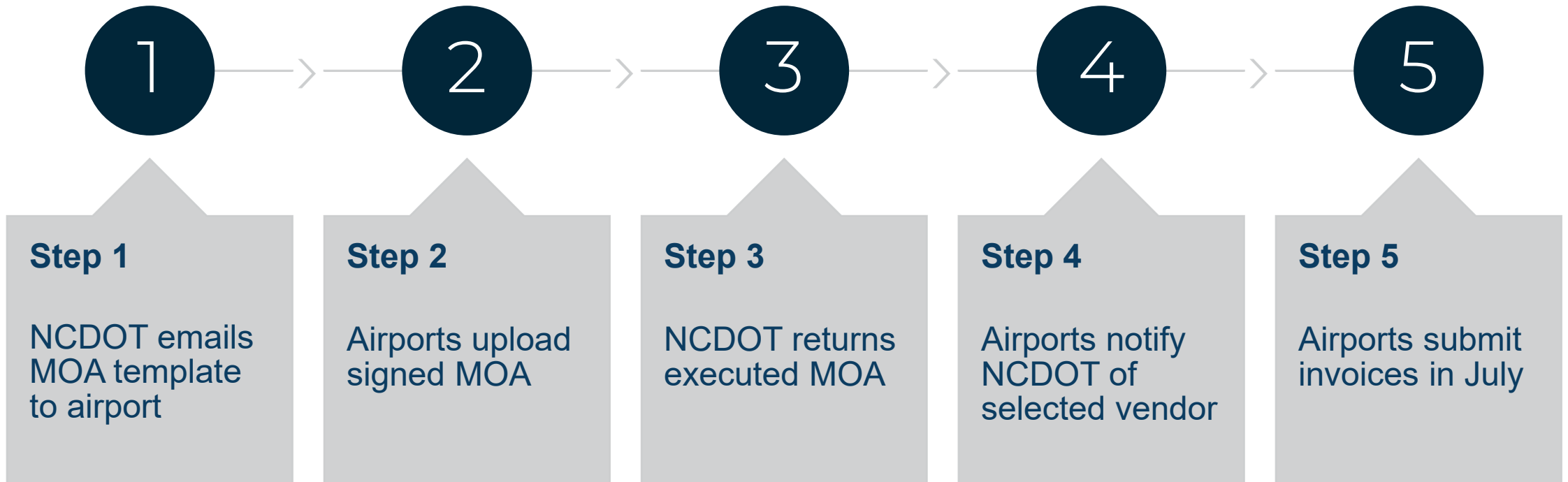
# NCDOT TALONS Reimbursement

50% of total cost of installing and maintaining a pre-qualified counting service, up to \$3,000 a year





## Reimbursement Process



## Current Prequalified Vendors




## NCDOT Performance Review & Evaluation Plan



- Airport observations at least once every two years
- Observations compared to vendor reporting; discrepancies relayed to vendor
- Airport data monitored continuously
- Reimbursement suspended during periods when performance requirements are not met

# NCDOT Leading the Nation Once Again

**NATIONAL ACADEMIES** Sciences  
Engineering  
Medicine



TRANSPORTATION RESEARCH BOARD

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Projects
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## ACRP 10-35 [Pending]

### Readiness and Feasibility of Automatic Dependent Surveillance-Broadcast (ADS-B) Data for Airport Use Cases

Project Data	
Funds:	\$400,000
Contract Time:	20 months
Staff Responsibility:	Matthew J. Griffin

### BACKGROUND

Towered and non-towered airports need accurate daily and annual aircraft operational counts, including aircraft type, for use in tasks like airport planning, environmental analysis, capital improvement program development, funding justification, and staffing. Aircraft operational counts provided by air traffic control towers offer limited details and towers are often staffed for only a portion of the day, possibly missing large swaths of activity. Meanwhile, non-towered airports have limited or no data from which to estimate aircraft operational counts. Airport sponsors rely upon aircraft operational counts to develop products for purposes such as forecasting, budgeting, and project justification.

*ACRP Report 129: Evaluating Methods for Counting Aircraft Operations at Non-Towered Airports* was published in 2015 and identified options to fill this gap but Automatic Dependent Surveillance-Broadcast (ADS-B) was an emerging technology at that time and was noted for additional research. The FAA mandated that by January 2020, aircraft were required to have ADS-B Out installed when flying in certain airspace and with this inflection point, the industry needs an evaluation as to whether ADS-B is a reliable alternative for aircraft operational counts. Additionally, the accuracy and efficacy of aircraft operational counts obtained via ADS-B needs to be validated through structured scientific research to better understand the benefits and limitations of various collection technologies and the ability to support different use cases across various airport configurations and user characteristics.

### OBJECTIVE

The objective of this research is to develop a guide and techniques to collect and validate the use of ADS-B data for obtaining aircraft operational counts and identifying aircraft type at U.S. towered and non-towered airports. This research should include, at a minimum:

- A roadmap for implementing the collection and use of ADS-B data at airports;
- The state of current readiness and feasibility of ADS-B data for airport use cases in airport operations, planning, and development;
- Trends and statistics of ADS-B equipage across the general aviation (GA) fleet both in terms of equipped aircraft hulls and as a share of operations by business jets, turboprops, recreational piston aircraft, training piston aircraft, agricultural aircraft, and other relevant groupings; and
- Coverage and limitations of an ADS-B collection program.

# Questions? Comments?

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# Contact Us


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**Becca Gallas, P.E.**

919 814 0573 | [rjgallas@ncdot.gov](mailto:rjgallas@ncdot.gov)

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# RESOLUTION

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

## RESOLUTION FOR NORTH CAROLINA TAR HEELS 2023 WOMEN'S TENNIS NATIONAL CHAMPIONSHIP

**WHEREAS**, the University of North Carolina at Chapel Hill requests eight championship signs for winning the 2023 Women's Tennis National Championship on May 20, 2023; and

**WHEREAS**, the team won the NCAA national championship title against N.C. State University with a 4-1 victory; and

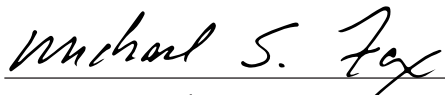
**WHEREAS**, this championship win meets the criteria to obtain a championship sign.

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

That the North Carolina Board of Transportation honors the University of North Carolina at Chapel Hill with eight signs that read *North Carolina Tar Heels 2023 Women's Tennis National Champions*.

That appropriate signs will be erected at a suitable time.

Adopted this the 7<sup>th</sup> day of September 2023 by the  
North Carolina Board of Transportation.



Chairman



Secretary of Transportation

# RESOLUTION

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

## RESOLUTION FOR LENIOR-RHYNE UNIVERSITY 2023 MEN'S LACROSSE NATIONAL CHAMPIONS

**WHEREAS**, Lenoir-Rhyne University requests four championship signs for winning the 2023 Men's Lacrosse National Championship on May 28, 2023; and

**WHEREAS**, the Lenoir-Rhyne Bears won their first NCAA national championship title, beating the Mercyhurst Lakers convincingly 20-5; and

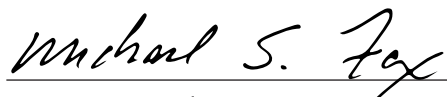
**WHEREAS**, this championship win meets the criteria to obtain a championship sign.

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

That the North Carolina Board of Transportation honors Lenoir-Rhyne University with four national championship signs that read *Lenior-Rhyne University 2023 Men's Lacrosse National Champions*.

That appropriate signs will be erected at a suitable time.

Adopted this the 7<sup>th</sup> day of September 2023 by the  
North Carolina Board of Transportation.



Chairman



Secretary of Transportation



# RESOLUTION

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

## RESOLUTION FOR BISHOP WILLIAM H CHEEK SR HIGHWAY

**WHEREAS**, William Henderson Cheek was born and raised in Halifax and dedicated his entire life to serving others; and

**WHEREAS**, after studying auto body work in Maryland and serving in the United States Army, Cheek married his wife, Lucille Parker Cheek, and they had seven children during their 70-year marriage; and

**WHEREAS**, Cheek received his theological training at Shaw University and returned to eastern North Carolina in 1962 to start his own church; and

**WHEREAS**, Cheek located the Evangelistic Church of Deliverance in Weldon, N.C., in 1969 adding to the revitalization and restoration of the downtown area; and

**WHEREAS**, Cheek was a respected member of the community and held in high regard for his contributions; he was honored with the Outstanding Service Award from the Weldon Halifax Community Center, Inc. in May 2005, the Halifax Community College African American Hero Award in February 2013, and the Order of the Long Leaf Pine Award in February 2014; and

**WHEREAS**, the Halifax County Board of Commissioners requests that the North Carolina Board of Transportation honor Bishop William Henderson Cheek, Sr. by designating a road in Weldon in his name.

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

That the North Carolina Board of Transportation honorarily designates U.S. 158 (West 2nd Street) between U.S. 301 and Country Club Road in Weldon the *Bishop William H Cheek Sr Highway*.

That appropriate signs will be erected at a suitable time.

Adopted this the 7<sup>th</sup> day of September 2023 by the  
North Carolina Board of Transportation.



Chairman



Secretary of Transportation

# RESOLUTION

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

## RESOLUTION FOR JUDGE ROBERT A COLLIER JR INTERCHANGE

**WHEREAS**, Robert A. Collier, Jr. was born in Statesville on Jan. 13, 1931, and was a lifelong resident, except while attending school; and

**WHEREAS**, Collier attended preparatory school at Baylor School in Tennessee and graduated from Statesville High School; and

**WHEREAS**, Collier served in the U.S. Air Force as a special agent in the Office of Special Investigations from 1951-1954; and

**WHEREAS**, Collier met his wife, Barbara Stone Collier, while attending the University of North Carolina and they were married for 65 years; and

**WHEREAS**, Collier received his juris doctorate from the University of North Carolina Law School in 1959; and

**WHEREAS**, Collier was senior resident judge of the Superior Court for the 22nd Judicial District of North Carolina; and

**WHEREAS**, Collier served on numerous civic, legal, business and community boards, and took continuing education courses throughout his career; and

**WHEREAS**, Collier was appointed to the N.C. Board of Transportation representing District 12; during his nine years on the board, Collier's transportation work positively impacted the quality of life for Statesville citizens; and

**WHEREAS**, staff has been informed that the N.C. Board of Transportation is eager to receive and approve this request; and

**WHEREAS**, Collier supported improvements and multiple transportation projects in conjunction with Statesville's Streetscape/Land Use Master Plan; and

**WHEREAS**, the Stateville City Council requests that the N.C. Board of Transportation name an interchange in honor of Judge Robert A. Collier, Jr.

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

That the North Carolina Board of Transportation names the Interstate 77 / Interstate 40 interchange in Iredell County the *Judge Robert A Collier Jr Interchange*.

That appropriate signs will be erected at a suitable time.

Adopted this the 7<sup>th</sup> day of September 2023 by the  
North Carolina Board of Transportation.



Chairman



Secretary of Transportation