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BOARD OF TRANSPORTATION MEETING
November 2-3, 2022

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BOARD OF TRANSPORTATION MEETING

November 2-3, 2022

Committee Meetings

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

Full Board Work Session

Wednesday, November 2, 2022

Chairman Fox welcomed members of the Board to the in-person meeting located in the Board Room and thanked members for being present to handle business brought before them. Some of the members attended the Work Session via Microsoft Teams.

Chairman Fox thanked Board Member Zimmer again for his hospitality and Chad Kimes in Division Three for their assistance in hosting a great October travel trip to the Division.

Roll Call

Chairman Fox conducted a roll call of members with the following members present in the meeting: Chairman Fox, Vice Chairman Perkins, Board Member Moran, Board Member Alcocke, Board Member Zimmer, Board Member Mitchell, Board Member Daughtry, Board Member Hunt, Board Member Mathis, Board Member Molamphy, Board Member Rosenburgh, Board Member Wells, Board Member Phillips, Board Member Clarke, Board Member McGrady, and Board Member Cody.

The following members were absent from the Work Session: Board Member Jordan, Board Member Tillman, Board Member Lathrop, and Board Member Lail.

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 approximately at 1:00 PM on Wednesday, November 2, 2022.

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."

Office of Civil Rights Update

Chairman Fox welcomed Ebony Pittman, Deputy Secretary for Business Administration to present an update on the NCDOT Office of Civil Rights.

Ebony Pittman opened with reminding members that the Office of Civil Rights met with the Board's Workforce Committee back in March and provided then an update on the department's Disparity Study including the recommendations that resulted from the study.

Deputy Secretary Pittman advised that the Office of Civil Rights seeks to collaborate with other business units within the department to ensure that equity is a part of the Office of Civil Rights. The Office of Civil Rights is excited to head in the right direction in terms of the civil rights program at NCDOT.

Ebony Pittman welcomed Tunya Smith, Director of the Office of Civil Rights to present an overview of the Office of Civil Rights. Tunya Smith advised that the Office of Civil Rights had been working to advance to create a successful and sustainable program that aligns with state and federal equity plans.

Tunya Smith provided a brief overview of the Office of Civil Rights, its responsibilities and what they plan to accomplish. She advised that the findings of the 2019 Disparity Study released in September 2021, indicated under performance in several contracting programs. Her

presentation reviewed the progress and accomplishments of the Office of Civil Rights to date, which included assistance from the Secretary and his team along with board members; Vice Chair Perkins, Board member Jordan, and Board member Mathis. She outlined strategies and plans into the future that will continue improvements. She touched on other items that the unit is working on, such as the Equal Employment Opportunity Compliance Curriculum (EEOC) which was replaced with Make our Organization a Great Place to Work, Outreach ESB Program, apprenticeships, and other outreach programs.

Presentation is attached at the end of this document.

Prioritization 7.0 (P7.0)

Chairman Fox welcomed Brian Wert, Senior Transportation Engineer, to present an update on Prioritization 7.0 (P7.0).

Mr. Wert presented an overview of what was shared during the October board meeting. He stated today's presentation will include a Workgroup Update and a review of highway scoring with the quantitative scoring components, historic criteria weights, and criteria details. He stated the plan for the December board meeting is to present the non-highway scoring.

Mr. Wert welcomed any board member interested in obtaining a more in-depth understanding or discussion about prioritization, specifically P7.0, to please reach out and staff will be glad to set up a time.

Presentation is attached at the end of this document.

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.

General Announcements

Chairman Fox announced that the November Board meeting was the last meeting for Jessica Fidotta. Chairman Fox thanked Jessica Fidotta for her tenure and assistance with the Board.

Chairman Fox stated with pleasure that Marilyn McHilse has accepted the role as Interim Board Secretary. He advised that Marilyn McHilse's contact information would be distributed to

everyone and to please direct future Board of Transportation inquiries to her.

Spend Plan Policy

Chairman Fox stated that the Finance Committee received an update on a few minor edits to the Spend Plan Policy. He advised that the full Board received a copy of the policy with the minor changes at their seat. He announced that the Board will vote on the policy revisions next month. For questions regarding the Spend Plan Policy, members of the Board were directed to reach out to Stephanie King, Chief Finance Officer, and her team.

2023 Board Meeting Dates

The 2023 Board Meeting dates have been distributed at each Board Members seat, posted on the Board website, and sent out to members via email.

Committees

Chairman Fox announced that afternoon committees would convene following the Work Session. The Advanced Technology (ATC) Committee met in the Board Room (Room 150). The Workforce Committee will be held in the EIC. The Highway Committee met in the Board Room (Room 150) and the Multi-Modal (MM) Committee met in the EIC following the Advanced Technology (ATC) Committee and Workforce Committees.

Adjournment

Chairman Fox adjourned the Work Session.

Official Board Meeting

Thursday, November 3, 2022

Chairman Fox welcomed members of the Board to the meeting located in the Board Room and thanked members for being present to handle the business brought before them.

Roll Call

Chairman Fox conducted a roll call of members with the following members present in the meeting: Chairman Fox, Vice Chairman Perkins, Board Member Moran, Board Member Alcock, Board Member Zimmer, Board Member Mitchell, Board Member Daughtry, Board Member Hunt, Board Member Mathis, Board Member Molamphy, Board Member Rosenburgh, Board Member Wells, Board Member Phillips, Board Member Clarke, Board Member McGrady, and Board Member Cody.

The following members were present via Microsoft Teams: Board Member Jordan and Board Member Lathrop.

The following members were absent from the official Board meeting: Board Member Tillman, Board member Lail.

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 official Board of Transportation Meeting to order approximately at 9:02 AM on Thursday, November 3, 2022.

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 mentioned the newly renovated Board Room and acknowledged the flags strategically placed at the front of the Board room. Chairman Fox mentioned that he and Secretary Boyette would like to begin the official Board meeting by opening with the Pledge of Allegiance. Chairman Fox invited Secretary Boyette to lead the members of the Board and the staff in starting the Pledge of Allegiance.

Approval – October 4-5, 2022, Meeting Minutes

Chairman Fox stated the meeting minutes from October 4-5, 2022, 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 October 4-5, 2022, meeting minutes of the Board of Transportation. A motion was made by Board Member Clarke 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 invited Board Member Hunt to present the resolution for the Oscar N. Harris Bridge naming. Board Member Hunt read the resolution for the Oscar N. Harris Bridge located in Division Six. The reading was accepted as a motion by Board Member Hunt and a second by Board Member Cody. The motion passed unanimously by the members of the Board.

Chairman Fox welcomed the family forward. Board Member Daughtry in favor of Oscar N. Harris shared with members his experience knowing Mr. Harris, his kind nature, and what a wonderful and exemplary person he was throughout his life. One of Oscar N. Harris’ sons spoke on behalf of his mother, Sheila Harris-Maness, who could not be present at the full Board

meeting. He read a statement from his mother and thanked the members of the Board for this honor. He introduced the family present.

Chairman Fox read the resolution for UNC 2022 Women's Lacrosse National Championship. The reading of the resolution was accepted as the motion. The resolution was unanimously approved by the Board upon a motion made by Chairman Fox and a second by Board Member Hunt.

Chairman Fox welcomed a number of the women athletes on the national championship team as well as Rick Steinbacher, senior associated athletic director, for UNC – Chapel Hill. Members of the team provided comments to the board as did Mr. Steinbacher. Highlights of the win were shared with the board.

Secretary's Remarks

Chairman Fox welcomed Secretary Boyette to provide his remarks to the Board.

Secretary Boyette welcomed all Board Members and staff attending in-person and virtually to the Thursday, November 3, 2022, Board Meeting.

The NC Quick Pass call center ribbon cutting was held on October 10, 2022, at the DMV Headquarters in Rocky Mount. Rocky Mount is one of the two locations for call centers within the state.

The Rail Division and Aberdeen Carolina and Western Railway joined other state and local leaders to celebrate the grand opening of the Midland Logistics Park in Cabarrus County on October 11, 2022. This includes three additional properties for prospective rail customers and is a 70-acre development anchored by the railway's Midland Transload Yard.

Walk and Roll to School Day event took place in Durham October 12, 2022, at Eastway Elementary School. This allows parents, children, and teachers to walk or bike to school to show support for safer, more accessible streets, healthier habits, and less traffic congestion.

Secretary Boyette had the pleasure to participate in the Minority Enterprise Development Week Celebration located at the McKimmon Center on October 18, 2022. This event provided the opportunity to share ways in supporting minority and women-owned businesses and opened discussion for contracting opportunities and where firms can begin with the process.

Secretary Boyette was part of a panel session on broadband at AASHTO's annual conference in Orlando, Florida on October 22, 2022. This event allowed an overview of grants that the state has received in recent years to help with the deployment of broadband and closed with a panel discussion on programs and funding for expanding high-speed internet.

Secretary Boyette mentioned that the Governor's Highway Safety Program partnered with Law Enforcement across the state for the Halloween *Booze It and Lose It Campaign* that occurred during October 24, 2022, through October 31, 2022. The Governor's Highway Safety Program also organized the Safety City exhibit that was held along with state and local partners throughout the North Carolina State Fair.

NCDOT staff joined Waxhaw, Union County, and CSX officials for a groundbreaking event for a rail safety improvement project. Secretary Boyette mentioned that this included construction of 2,500 feet of additional railroad track to meet demands of more freight trains along the CSX corridor. This new track will allow for freight trains to pass one another more efficiently. This project also includes construction of a new bridge over the railroad tracks to improve safety and efficiency.

Secretary Boyette mentioned NCDOT also participated in the grade crossing safety and railroad trespassing prevention workshop held at N.C. State University.

Secretary Boyette advised that there was an all-time high hit for ridership for the passenger rail service and more individuals rode the NCDOT intercity passenger rail service in September than any other month previously during the 32-year history by NC By Train Service.

Secretary Boyette mentioned that Governor Cooper issued a new executive order that focuses on supporting a market-driven transition to zero-emission vans, buses, and trucks.

Secretary Boyette advised that the last of the STIP drop-in held at the division office and the public comment period on the draft STIP concluded the last week of October. He mentioned that NCDOT staff will continue to work with planning organizations across the state to make final tweaks and to finalize the draft STIP for 2024-2033. Secretary Boyette advised that the final draft is scheduled to be presented to members of the Board for consideration and adoption Spring 2023.

NCDOT Division of Aviation announced that they are now accepting entries for the 2023 North Carolina Aviation Art Contest. This year's theme is "Air Sports and the Environment". The

deadline for North Carolina students to submit is January 17, 2023. More information is located at [ncdot.gov](https://www.ncdot.gov) by searching “art”.

Secretary Boyette advised that firms across the state joined NCDOT staff to learn more about opportunities to work on NCDOT jobs and that another round of disadvantaged business enterprise outreach meetings were held on October 22, 2022. These meetings have been held quarterly since the summer of 2021 and approximately 700 individuals from hundreds of firms have participated. Secretary Boyette stated that it is the goal to assist the small businesses to grow so they can continue to help the building and maintaining of the state’s transportation system.

Secretary Boyette advised that NCDOT Communications and Office of Civil Rights teams compiled a video about On-the-Job training program that displayed the story of one of NCDOT employees that is very thankful for her position. Secretary Boyette added that one of the Highway Construction Trade Academies assisted her in the landing of a new career. For more information about the training program, please visit [ncdot.gov](https://www.ncdot.gov) and search “On the Job Training.”

Secretary Boyette proceeded to provide NCDOT personnel updates with members of the Board. Brian Mayhew was named as the new State Traffic Engineer. Mayhew has been with NCDOT for the past twenty-seven years and has served in multiple roles in the Transportation Mobility and Safety Division in the Signing and Delineation, Congestion, Management, and Traffic Safety units. Mayhew has served for the past six years as the State Traffic Safety Engineer.

Keith Eason is the new division engineer for Division Four. Eason has been employed with NCDOT for more than twenty-eight years and most recently as the Division Three Maintenance Engineer.

Secretary Boyette recognized Tom Walls, NCDOT drone program training specialist, who was awarded the Outstanding Government Service Award during the Governor’s Awards for Excellence. Secretary Boyette stated that this is the highest honor a state employee can receive for notable service to the state and its individuals. Tom Walls is credited with pioneering Unmanned Aircraft Systems program.

Secretary Boyette recognized three of NCDOT employees who went above and beyond their typical duties that assisted in saving the lives of others. Division Six Traffic Signal Technician Supervisor, Heath Pittman, noticed a man face down on the ground while traveling near a walking trail on July 14, 2022. Heath Pittman stopped and called 911, and initiated chest

compressions until first responders arrived at the scene. It was noted that Doctor's confirmed that Heath Pittman's actions were what saved the individual's life. Secretary Boyette advised that Heath Pittman has been employed with NCDOT for seventeen years and presented him with the Extra Mile Award.

Division Roadside Environmental employees JP Coleman and Jeremy Shoffner within Division Nine noticed an individual sitting on their front porch that appeared to be in some sort of medical distress while traveling through Kernersville on September 9, 2022. JP Coleman and Jeremy Shoffner stopped to check on the individual and also administered CPR until first responders could arrive on scene. The local town honored JP Coleman and Jeremy Shoffner in late September for assisting in saving the gentleman's life. Secretary Boyette presented JP Coleman and Jeremy Shoffner with the Secretary's Award for their efforts.

Secretary Boyette advised that the last award was a first and it was elected by a group of peers for Division Engineer for "Best Male Lead" at the NCDOT Documentary Award. Secretary Boyette presented Jeff Cabiness with the award.

Secretary Boyette then welcomed Robin Barfield, Director of Safety and Risk Management, forward to present the Rodeo Winners. Robin Barfield announced that it was an honor to present the 2022 Equipment Rodeo update. The statewide event was held on Tuesday, June 21, 2022, at the State Fairgrounds. This event allows employees an opportunity for showcase their skills, broaden teamwork, fellowship, and share their expertise among the audience and each other. The overall winner for the State Championship was awarded to Division Ten. The group also represented the state well in the regional competition in Baton Rouge, Louisiana on September 29, 2022. Robin Barfield introduced the NCDOT 2022 regional team in the backhoe competition, Cliff Jenkins from Division Four from Wilson County Maintenance, and Nakoma Emanuel with Forsyth County Maintenance in Division Nine. For the crane competition, Robin Barfield announced Chris Baldwin, from Alamance Bridge in Division Seven and Larry Flowers from Cherokee County maintenance in Division 14. For the double-axle competition, Robin Barfield announced Matt Stark from Onslow County Maintenance in Division Three and Zachary Moore with Rowan County Maintenance in Division Nine. Robin Barfield announced Travis Price with Wentworth Maintenance in Division Seven and Kevin Deal with Statesville Maintenance in Division Twelve for the low boy competition. Robin Barfield announced Will Brown with Wentworth Maintenance in Division Seven and Justin Hearn of Davidson Maintenance in Division Nine for the motor grader competition. Issacs Etheridge of Wilson Maintenance in Division Four and Brian Schmidt of Person Maintenance in Division Five were

announced in the single-axle competition. Mark Hayes of Moore County Roadside Environmental in Division Eight and Rocky Milsaps of Alexander County Taylorsville Maintenance in Division Twelve were announced the tractor mower competition.

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

Chairman Fox stated the motion passed.

Recusals

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

- **Item O- 80000.2.5.6-** THIS AUTHORIZATION LETTER TO THE ACWR MASTER AGREEMENT FOR DESIGN AND CONSTRUCTION OF HIGHWAY-RAIL GRADE CROSSING TRAFFIC CONTROL WARNING DEVICES COVERS THE CONSTRUCTION OF A RAIL SIGNAL SYSTEM AND SAFETY DEVICE IMPROVEMENTS TO THE CROSSING LOCATED AT TIPPERARY PLACE (CROSSING 726 798V, MP PS-383.60). IN CONJUNCTION WITH THIS AGREEMENT, THE DEPARTMENT AND THE CITY OF CHARLOTTE WILL ENTER INTO A CONTINGENT INTEREST AGREEMENT AND INSTRUMENT OF INDEBTEDNESS (CIA) TO SECURE A LIEN ON THE PROJECT ASSETS FOR FIVE (5) YEARS. THE TOTAL ESTIMATED COST OF THE PROJECT AND TO THE DEPARTMENT IS \$335,000.
- **Item O- 80000.2.5.7-** THIS AUTHORIZATION LETTER TO THE ACWR MASTER AGREEMENT FOR DESIGN AND CONSTRUCTION OF HIGHWAY-RAIL GRADE CROSSING TRAFFIC CONTROL WARNING DEVICES COVERS THE CONSTRUCTION OF A RAIL SIGNAL SYSTEM IMPROVEMENTS AND PREEMPTION TO THE RAIL CROSSING LOCATED AT ANDERSON STREET (CROSSING 726 794T, MP PS-385.80). IN CONJUNCTION WITH THIS AGREEMENT, THE DEPARTMENT AND THE CITY OF CHARLOTTE WILL ENTER INTO A CONTINGENT INTEREST AGREEMENT AND INSTRUMENT OF INDEBTEDNESS (CIA) TO SECURE A LIEN ON THE PROJECT ASSETS FOR FIVE (5) YEARS. THE TOTAL ESTIMATED COST OF THE PROJECT AND TO THE DEPARTMENT IS \$335,000.

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

- **Item N- BL-0066-** SPRINGS ROAD NE, SANDY RIDGE ROAD TO MCDONALD PARKWAY. CONSTRUCT SIDEWALK.

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

- **Item K- U-5785-WBS 44357.1.1-** SR 1708 (FIRETOWER ROAD) FROM NC 43 (CHARLES BOULEVARD) TO SR 1704 (FOURTEENTH STREET) IN GREENVILLE. \$1,611,507.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.
- **Item K- U-5870- WBS 54046.2.1-** SR 1708 (FIRETOWER ROAD) FROM SR 1704 (FOURTEENTH STREET) TO NC 33 (EAST 10TH STREET) IN GREENVILLE. \$10,000.00 HAS PREVIOUSLY BEEN APPROVED FOR FULL RIGHT OF WAY. FUNDS NEED TO BE DECREASED (\$9,867.07). WBS WILL BE CLOSED.

- **Item K- U-5876- WBS 44678.1.1-** US 70 (ARENDELL STREET) FROM 4TH STREET TO SR 1175 (RADIO ISLAND ROAD). \$1,600,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.
- **Item K- U-5917- WBS 44679.1.1-** SR 1704 (FOURTEENTH STREET) FROM RED BANKS ROAD TO SR 1708 (FIRETOWER ROAD). \$2,055,439.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL STRATEGIC TRANSPORTATION INVESTMENTS FUNDS ARE REQUESTED. THIS IS A BUILD NC BOND PROJECT.
- **Item K- U-5993- WBS 47113.1.1-** NC 55 (NEUSE BOULEVARD) AT US 17 BUSINESS (MLK BOULEVARD). \$831,508.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.
- **Item K- U-4751- WBS 40191.2.1-** SR 1409 (MILITARY CUTOFF ROAD EXTENSION) TO US 17 IN WILMINGTON. \$107,185,084.00 HAS PREVIOUSLY BEEN APPROVED FOR ACQUISITION OF SPECIFIC PARCELS. ADDITIONAL FUNDS ARE REQUESTED. THIS PROJECT HAS PREVIOUSLY BEEN IDENTIFIED AS A TRUST FUND INTRASTATE SYSTEM PROJECT.
- **Item K- U-4751- WBS 40191.3.2-** SR 1409 (MILITARY CUTOFF ROAD EXTENSION) FROM SR 1409 (MILITARY CUTOFF ROAD) TO US 17 IN WILMINGTON. \$91,165,235.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL STRATEGIC TRANSPORTATION INVESTMENTS FUNDS ARE REQUESTED. THIS IS A BUILD NC BOND PROJECT.
- **Item K- U-4751- WBS 40191.3.2-** SR 1409 (MILITARY CUTOFF ROAD EXTENSION) FROM SR 1409 (MILITARY CUTOFF ROAD) TO US 17 IN WILMINGTON. \$91,165,235.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL STRATEGIC TRANSPORTATION INVESTMENTS FUNDS ARE REQUESTED. THIS IS A BUILD NC BOND PROJECT.
- **Item K- U-4751- WBS 40191.1.4-** SR 1409 (MILITARY CUTOFF ROAD EXTENSION) FROM SR 1409 (MILITARY CUTOFF ROAD) TO US 17 IN WILMINGTON. \$64,627.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED. WBS WILL BE CLOSED.
- **Item M- EB-5600- WBS 56000.1.1-** SR 1219 (SOUTH 17TH STREET) FROM HARBOUR DRIVE TO SHIPYARD BOULEVARD IN WILMINGTON. FUNDS ARE NEEDED FOR PRELIMINARY ENGINEERING.
- **Item M- W-57030- WBS 44849.1.15-** US 117/NC 132 (SOUTH COLLEGE ROAD) AT SR 1272 (NEW CENTRE DRIVE). \$3,500.00 HAS PREVIOUSLY BEEN APPROVED FOR

PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.

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

November 2-3, 2022

Delegated Authority Secretary Boyette

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

Action..... Chairman Fox

- (Item G) Additions, Abandonments, and Road Name Changes to State Secondary Road System
- (Item I) Public Transportation Program
 - (Item I-1) Public Transportation
 - (Item I-2) Rail Program
 - (Item I-3) Bicycle and Pedestrian **(No Item)**
 - (Item I-4) Aviation
- (Item K) North Carolina Highway Trust Funds
- (Item M) Funds for Specific Federal-Aid Projects
- (Item N) Revisions to the 2020-2029 STIP
- (Item O) Municipal and Special Agreements
- (Item P) Municipal Street System Changes
- (Item R) Right of Way Resolutions and Ordinances
- (Item S) Maintenance Allocations **(No Item)**
- (Item T) Submission of Comprehensive Transportation Plans for Mutual Adoption by the Board of Transportation **(No Item)**
- (Item V) **(No Item)**

NCDOT Board of Transportation Agenda

ITEM C

October 18, 2022

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

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
OCTOBER 18, 2022
DIVISION 4

PAGE: 1 of 8
ITEM C

C204734
49983.3.1
0264075
WILSON
HI-0007

PROPOSAL LENGTH 8.410 MILES

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

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

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

RPN 002 2 BIDDER(S)

DBE GOAL 6.00 %

ESTIMATE 11,086,874.31

DATE AVAILABLE NOV 28 2022

FINAL COMPLETION AUG 02 2024

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

AWARDED

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

PAGE: 2 of 8
ITEM C

C204780
2023CPT.05.05.20731.1
STATE FUNDED
PERSON

PROPOSAL LENGTH 7.310 MILES

TYPE OF WORK RESURFACING AND SHOULDER GRADING.

LOCATION 2 SECTIONS OF SECONDARY ROADS.

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

RPN 003 2 BIDDER(S)

DBE GOAL 6.00 %

ESTIMATE 2,912,902.81

DATE AVAILABLE MAR 15 2023

FINAL COMPLETION SEP 30 2024

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

AWARDED

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

PAGE: 3 of 8
ITEM C

C204779
2023CPT.05.06.20391.1
STATE FUNDED
GRANVILLE

PROPOSAL LENGTH 18.122 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER GRADING.

LOCATION 8 SECTIONS OF SECONDARY ROADS.

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

RPN 004 2 BIDDER(S)

DBE GOAL 8.00 %

ESTIMATE 3,083,952.65

DATE AVAILABLE MAR 15 2023

FINAL COMPLETION OCT 01 2024

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

AWARDED

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

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ITEM C

C204207
46040.3.1
STATE FUNDED
WAKE
B-5326

PROPOSAL LENGTH 0.290 MILES

TYPE OF WORK GRADING, DRAINAGE, PAVING AND STRUCTURE.

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

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

RPN 005 6 BIDDER(S)

DBE GOAL 6.00 %

ESTIMATE 6,715,360.78

DATE AVAILABLE MAR 15 2023 THRU JUL 15 2023

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

FINAL COMPLETION 970 DAYS AFTER START DATE

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

AWARDED

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

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ITEM C

C204745
46377.3.2
STATE FUNDED
HARNETT, WAKE
R-5705B

PROPOSAL LENGTH 4.536 MILES

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

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

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

RPN 006 3 BIDDER(S)

DBE GOAL 7.00 %

ESTIMATE 62,088,796.00

DATE AVAILABLE MAR 15 2023

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

FINAL COMPLETION MAY 14 2027

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

AWARDED

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

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ITEM C

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

PROPOSAL LENGTH 10.270 MILES

TYPE OF WORK RESURFACING.

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

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

RPN 007 2 BIDDER(S)

DBE GOAL 7.00 %

ESTIMATE 2,179,197.75

DATE AVAILABLE MAR 01 2023

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

FINAL COMPLETION OCT 01 2024

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

AWARDED

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

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ITEM C

C204746
34839.3.13
0074226
FORSYTH
U-2579AA

PROPOSAL LENGTH 1.536 MILES

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

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

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

RPN 001 7 BIDDER(S)

DBE GOAL 3.00 %

ESTIMATE 121,571,398.69

DATE AVAILABLE NOV 28 2022

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

FINAL COMPLETION MAR 30 2027

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

AWARDED

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

PAGE: 8 of 8
ITEM C

C204776
2023CPT.13.06.10811
STATE FUNDED
RUTHERFORD

PROPOSAL LENGTH 10.990 MILES

TYPE OF WORK MILLING AND RESURFACING.

LOCATION 1 SECTION OF US-74.

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

RPN 008 3 BIDDER(S)

DBE GOAL 5.00 %

ESTIMATE 5,149,327.09

DATE AVAILABLE MAR 15 2023

FINAL COMPLETION SEP 13 2024

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

ESTIMATE TOTAL 214,787,810.08

LETTING TOTAL 216,442,608.60 + 0.8

AWARDED

**NCDOT NOVEMBER 2022
Board of Transportation Agenda**

According to Executive Order No. 2 and G. S. 143B-350 (g) the Board is requested to concur with staff recommendations and delegate authority to the Secretary to award contracts to private firms for engineering services.

Professional Services Management

Chief Operating Officer – Office of Strategic Initiatives & Program Support

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

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

Chief Engineer – Transportation Mobility and Safety Division

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

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

NEXT PAGE

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.

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

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

Technical Services – Location & Surveys Unit

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

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

END of ITEM D.

**NCDOT NOVEMBER 2022 BOARD OF TRANSPORTATION AGENDA
Secondary Road Improvement Projects (Highway and Trust Funds)**

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

Projects to Reopen and establish funds:

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

Projects to Increase funds:

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

Item E Summary:

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

NCDOT NOVEMBER 2022 BOARD OF TRANSPORTATION AGENDA

Funds Request

Division-wide Small Construction, Statewide Contingency, Public Access, Economic Development, High Impact/Low Cost

According to Executive Order No. 2 and G.S. 143B-350(g), the Board is requested to concur with staff recommendation and delegate authority to the Secretary to approve funds for specific Division-wide Small Construction / Statewide Contingency projects.

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

November 3, 2022

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

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

November 3, 2022

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

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

November 3, 2022

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

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

Summary: 21 Projects

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

November 3, 2022

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

L-1

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

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

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

L-2

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

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

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

L-3

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

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

NOVEMBER 3, 2022

NCDOT November 2-3, 2022 Board of Transportation Agenda

Additions to the State Highway System:

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

NCDOT November 2-3, 2022 Board of Transportation Agenda

Additions to the State Highway System:

County	Petition Number	Length Added (Miles)	Description and/or Subdivision	Date of Report
Division 10				
Cabarrus	52621	0.16	Beckenham	11/9/20
		0.07	Beckenham Lane Merryweather Court	
Division 12				
Catawba	52622	0.05	Killian Crossing	9/27/22
		0.47	Burrenfort Drive	
		0.19	Tipperary Drive	
		0.37	Kildare Court	
		0.23	Killian Crossing Drive	
		0.05	Killian Crossing Drive	
		0.05	Erie View Court	
		0.05	Connemara Court	
Iredell	52623	0.17	Robinson Ridge	9/15/22
		0.07	Robinson Ridge Drive Hillside Cove Court	
Lincoln	52624	0.02	Killian Crossing	9/27/22
		0.19	Burrenfort Drive	
		0.16	Tipperary Drive	
		0.08	Killian Crossing Drive	
		0.08	Gildhall Court	
Division 13				
Burke	52625	1.10	Lake Rhodhiss Drive NE	9/16/22

NCDOT November 2-3, 2022 Board of Transportation Agenda

Abandonments from the State Highway System:

County	Petition Number	Length Abandoned (Miles)	Description and/or Subdivision	Date of Report
Division 5				
Durham	52626	0.11	SR 2099, Remnant section of Old Alston Avenue Retain 0.00 miles	9/27/22
Division 7				
Guilford	52627	0.07	SR 2120, Angel Pardue Road Retain 0.42 miles	8/3/22
Division 12				
Cleveland	52628	0.06	SR 1165, James Lovelace Road Retain 0.07 miles	4/6/22

Number of roads petitioned for addition – 37

Number of roads petitioned for abandonment - 3

Corrections to the State Highway System:

County	Requested Action
None	None

NCDOT November Board of Transportation

Agenda Public Transportation Program

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

Amendment (Approved April 2022 BOT Meeting)

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

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

<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	5311 Admin	\$78,688	\$4,918	\$14,754	\$98,360
2	ConCPT	\$0	\$700,000	\$100,000	\$800,000
1	TDM	\$0	\$285,000	\$115,000	\$400,000
1	5304 Planning	\$96,000	\$24,000	\$0	\$120,000
5	TOTAL	\$174,688	\$1,013,918	\$229,754	\$1,418,360

NCDOT November 2022 Board of Transportation Agenda

Rail Program

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

November 3, 2022

NCDOT November 2022 Board of Transportation Agenda

Rail Program

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

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

NCDOT November Board of Transportation Agenda
Bicycle and Pedestrian Transportation Program

Town/County Division	Project Description	Estimated Cost
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There will be no items presented for approval at the November 3, 2022, Board of Transportation meeting.

ITEM I - 3 SUMMARY – NO PROJECTS

NCDOT November 2022 Board of Transportation Agenda

Aviation Program

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

November 3, 2022

NCDOT November 2022 Board of Transportation Agenda

Aviation Program

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

November 3, 2022

NCDOT November 2022 Board of Transportation Agenda

Aviation Program

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

November 3, 2022

NCDOT November 2022 Board of Transportation Agenda

Aviation Program

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

Total State Aid Cost \$ 4,647,000

Total Local Investment \$ 7,578,000

Total Other Investment \$76,826,000

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

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

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

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

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

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

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

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

TOWN / COUNTY DIVISION PROJ. CATEGORY	PROJECT DESCRIPTION	ESTIMATED COST
PITT CO. DIV. 2 U-5917 DIVISION	WBS 44679.1.1 SR 1704 (FOURTEENTH STREET) FROM RED BANKS ROAD TO SR 1708 (FIRETOWER ROAD). \$2,055,439.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL STRATEGIC TRANSPORTATION INVESTMENTS FUNDS ARE REQUESTED. THIS IS A BUILD NC BOND PROJECT.	\$350,000.00
CRAVEN CO. DIV. 2 U-5993 REGIONAL	WBS 47113.1.1 NC 55 (NEUSE BOULEVARD) AT US 17 BUSINESS (MLK BOULEVARD). \$831,508.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$30,000.00
NEW HANOVER CO. DIV. 3 U-4751 STATEWIDE	WBS 40191.2.1 SR 1409 (MILITARY CUTOFF ROAD EXTENSION) TO US 17 IN WILMINGTON. \$107,185,084.00 HAS PREVIOUSLY BEEN APPROVED FOR ACQUISITION OF SPECIFIC PARCELS. ADDITIONAL FUNDS ARE REQUESTED. THIS PROJECT HAS PREVIOUSLY BEEN IDENTIFIED AS A TRUST FUND INTRASTATE SYSTEM PROJECT.	\$300,000.00
NEW HANOVER CO. DIV. 3 U-4751 STATEWIDE	WBS 40191.3.2 SR 1409 (MILITARY CUTOFF ROAD EXTENSION) FROM SR 1409 (MILITARY CUTOFF ROAD) TO US 17 IN WILMINGTON. \$91,165,235.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL STRATEGIC TRANSPORTATION INVESTMENTS FUNDS ARE REQUESTED. THIS IS A BUILD NC BOND PROJECT.	\$27,300,000.00
NEW HANOVER CO. DIV. 3 U-4751 STATEWIDE	WBS 40191.2.3 SR 1409 (MILITARY CUTOFF ROAD EXTENSION) TO US 17 IN WILMINGTON. \$471,610.00 HAS PREVIOUSLY BEEN APPROVED FOR MAP ACT APPRAISALS AND TO ALLOW FOR FUTURE ACQUISITION OF SPECIFIC PARCELS. ADDITIONAL FUNDS ARE REQUESTED.	\$300,000.00

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APPROVAL OF STRATEGIC TRANSPORTATION INVESTMENT FUNDS**

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

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

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

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TOWN / COUNTY DIVISION PROJ. CATEGORY	PROJECT DESCRIPTI ON	ESTIMATED COST
WAKE CO. DIV. 5 R-2829 STATEWIDE	WBS 35517.1.2 ADVANCED PROPERTY ACQUISITION/RELOCATION STUDIES. EASTERN WAKE FREEWAY FROM I-40 TO US 64-264 KNIGHTDALE BYPASS. \$124,160.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$50,000.00
JOHNSTON, WAKE COS. DIVS. 4/5 R-2829B STATEWIDE	WBS 35517.3.TA2 NEW ROUTE (FUTURE NC 540) FROM SOUTH OF ROCK QUARRY ROAD TO I-87 / US 64 / US 264 BYPASS. INITIAL FUNDS ARE REQUESTED FOR CONSTRUCTION.	\$1,000,000.00
FRANKLIN CO. DIV. 5 R-3608 REGIONAL	WBS 46957.1.1 US 401/NC 39 FROM NC 56/ NC 581 (NASH STREET) TO SR 1229 (MAIN STREET). \$1,004,287.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$150,000.00
DURHAM / DURHAM CO. DIV. 5 U-0071 STATEWIDE	WBS 34745.3.S2 DURHAM EAST END CONNECTOR FROM NORTH OF NC 98 TO NC 147 (BUCK DEAN FREEWAY) \$196,103,931.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE REQUESTED. THIS IS A TRANSITION PROJECT.	\$6,000,000.00
RALEIGH /WAKE CO. DIV. 5 U- 5302 REGIONAL	WBS 48000.1.1 US 401 FROM SOUTH OF SR 1006 (OLD STAGE ROAD) TO SOUTH OF SR 2538 (MECHANICAL BOULEVARD) IN GARNER. \$2,062,688.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL STRATEGIC TRANSPORTATION INVESTMENTS FUNDS ARE REQUESTED. THIS IS A BUILD NC BOND PROJECT.	\$100,000.00
WAKE CO. DIV. 5 U-5746 REGIONAL	WBS 54032.1.1 US 401 FROM WAKE TECHNICAL COMMUNITY COLLEGE TO SR 1010 (TEN-TEN ROAD). \$1,620,383.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$150,000.00

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

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

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

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TOWN / COUNTY DIVISION PROJ. CATEGORY	PROJECT DESCRIPTION	ESTIMATED COST
HARNETT CO. DIV. 6 R-5705A DIVISION	WBS 46377.1.2 NC 55 FROM JUST SOUTH OF SR 1532 (OAK GROVE CHURCH ROAD) TO NC 210. \$3,101,463.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$1,000,000.00
HARNETT CO. DIV. 6 R-5705A DIVISION	WBS 46377.2.5 NC 55 FROM JUST SOUTH OF SR 1532 (OAK GROVE CHURCH ROAD) TO NC 210. \$2,500,000.00 HAS PREVIOUSLY BEEN APPROVED FOR UTILITIES. ADDITIONAL FUNDS ARE REQUESTED.	\$600,000.00
HARNETT CO. DIV. 6 R-5705B REGIONAL	WBS 46377.2.2 NC 55 FROM NC 210 TO SR 4809 (JICARILLA LANE). \$10,171,142.00 HAS PREVIOUSLY BEEN APPROVED FOR FULL RIGHT OF WAY. ADDITIONAL FUNDS ARE REQUESTED.	\$15,000,000.00
ORANGE CO. DIV. 7 I-3306AD STATEWIDE	WBS 34178.3.7 I-40 FROM I-85 IN ORANGE COUNTY TO DURHAM COUNTY. INITIAL FUNDS ARE REQUESTED FOR CONSTRUCTION.	\$2,280,000.00
ALAMANCE CO. DIV. 7 U-5843 DIVISION	WBS 50233.2.1 US 70 (CHURCH STREET) AT SR 1817 (GRAHAM-HOPEDALE ROAD) IN BURLINGTON. \$1,502,168.00 HAS PREVIOUSLY BEEN APPROVED FOR FULL RIGHT OF WAY AND UTILITIES. ADDITIONAL FUNDS ARE REQUESTED.	\$150,300.00
GUILFORD, RANDOLPH COS. DIVS. 7/8 U-3400 DIVISION	WBS 38996.1.1 SR 1577/SR 1004 (ARCHDALE ROAD) FROM US 311 (MAIN STREET) TO EAST OF SPRINGWOOD LANE IN ARCHDALE. \$2,652,701.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$500,000.00

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

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

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TOWN / COUNTY DIVISION PROJ. CATEGORY	PROJECT DESCRIPTION	ESTIMATED COST
CABARRUS CO. DIV. 10 P-5725 REGIONAL	WBS 47603.1.1 NORFOLK SOUTHERN MAINLINE. CONSTRUCT TRACK IMPROVEMENTS, SECOND PLATFORM, PEDESTRIAN UNDERPASS, SITEWORK, RETAINING WALL AND SIGNALING EQUIPMENT. \$1,982,122.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$200,000.00
MECKLENBURG CO. DIV. 10 R-5721B REG/BA	WBS 50215.2.3 NC 73 FROM VANCE ROAD EXTENSION/BEATTIES FORD ROAD TO SR 5544 (WEST CATAWBA AVENUE). INITIAL FUNDS ARE REQUESTED FOR FULL RIGHT OF WAY. THIS IS A CASH FLOW PROJECT WITH \$342,244.00 IN SFY 23 (\$130,807.00 BONUS ALLOCATION & \$211,437.00 REGIONAL), \$4,106,933.00 IN SFY 24 (\$1,569,682.00 BONUS ALLOCATION & 2,537,251.00 REGIONAL), \$4,106,933.00 IN SFY 25 (\$1,569,682.00 BONUS ALLOCATION & 2,537,251.00 REGIONAL), \$3,764,690.00 IN SFY 26 (\$1,438,876.00 BONUS ALLOCATION & \$2,325,814.00 REGIONAL) AND \$3,080,200.00 IN SFY 27 (\$1,177,262. 00 BONUS ALLOCATION & \$1,902,938.00 REGIONAL).	\$15,401,000.00
STANLY CO. DIV. 10 R-5965B DIVISION	WBS 49190.3.3 VARIOUS IMPROVEMENTS AROUND TOWN OF OAKBORO AT SR 1107 (SILVER ROAD)/SR 1108 (LIGHTHOUSE ROAD) AND SR 1107(SILVER ROAD)/SR 1110 (SWIFT ROAD) INTERSECTIONS.IMPROVE INTERSECTIONS AT SR 1107 (SILVER ROAD), SR 1108 (LIGHTHOUSE ROAD) AND SR 1110 (SWIFTROAD). INITIAL FUNDS ARE REQUESTED FOR CONSTRUCTION.	\$2,820,000.00
UNION CO. DIV. 10 U-4024 REGIONAL	WBS 35017.1.2 US 601 FROM EXISTING US 74 TO THE MONROE BYPASS. \$341,037.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$200,000.00

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

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

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

**NCDOT NOVEMBER 2022 BOARD OF TRANSPORTATION AGENDA
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TOWN / COUNTY DIVISION PROJ. CATEGORY	PROJECT DESCRIPTION	ESTIMATED COST
ALEXANDER CO. DIV. 12 B-5954 REGIONAL	WBS 45987.1.1 REPLACE BRIDGE 1 OVER DUCK CREEK ON NC 127. \$93,885.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$50,000.00
CATAWBA CO. DIV. 12 R-3603A DIVISION	WBS 38870.1.2 NC 127 FROM SR 1400 (CLONINGER MILL ROAD) TO SR 1156 (RICHEY ROAD). \$2,300,431.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$1,300,000.00
IREDELL CO. DIV. 12 R-3833C DIVISION	WBS 34554.1.3 SR 1100 (BRAWLEY SCHOOL ROAD) FROM I-77 TO US 21. \$4,022,344.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$250,000.00
GASTON CO. DIV. 12 U-5965 REGIONAL	WBS 45979.2.1 US 29 (FRANKLIN BOULEVARD) AT NC 274. INITIAL FUNDS ARE REQUESTED FOR FULL RIGHT OF WAY. THIS IS A CASH FLOW PROJECT WITH \$920,000.00 IN SFY 23, \$3,680,000.00 IN SFY 24, \$920,000.00 IN SFY 25 AND \$1,380,000.00 IN SFY 26.	\$6,900,000.00
GASTON CO. DIV. 12 U-5965 REGIONAL	WBS 45979.2.2 US 29 (FRANKLIN BOULEVARD) AT NC 274. INITIAL FUNDS ARE REQUESTED FOR UTILITIES.	\$300,000.00
GASTON CO. DIV. 12 U-6043 DIVISION	WBS 46984.2.1 US 29 / US 74 (FRANKLIN BOULEVARD) FROM SR 2200 (COX ROAD) TO 400 FEET EAST OF LINBERGER ROAD. INITIAL FUNDS ARE REQUESTED FOR FULL RIGHT OF WAY. THIS IS A CASH FLOW PROJECT WITH \$300,000.00 IN SFY 23 AND \$300,000.00 IN SFY 24.	\$600,000.00

**NCDOT NOVEMBER 2022 BOARD OF TRANSPORTATION AGENDA
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TOWN / COUNTY DIVISION PROJ. CATEGORY	PROJECT DESCRIPTION	ESTIMATED COST
GASTON CO. DIV. 12 U-6043 DIVISION	WBS 46984.2.2 US 29 / US 74 (FRANKLIN BOULEVARD) FROM SR 2200 (COX ROAD) TO 400 FEET EAST OF LINBERGER ROAD. INITIAL FUNDS ARE REQUESTED FOR UTILITIES.	\$900,000.00
GASTON CO. DIV. 12 U-6143 REGIONAL	WBS 48326.1.1 NC 7 (EAST CATAWBA STREET) AT US 74 (WILKINSON BOULEVARD) INTERSECTION. \$75,653.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$50,000.00
GASTON CO. DIV. 12 U-6146 REGIONAL	WBS 48392.1.1 US 74 (WILKINSON BOULEVARD) FROM MARKET STREET TO SR 2015 (ALBERTA AVENUE). \$1,845,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$600,000.00
BUNCOMBE CO. DIV. 13 B-5953 DIVISION	WBS 47217.1.1 REPLACE BRIDGE 649 OVER FRENCH BROAD RIVER AND SOUTHERN RAILROAD ON SR 1002 (OLD LEICESTER HIGHWAY). \$214,174.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$200,000.00
BUNCOMBE CO. DIV. 13 B-5992 DIVISION	WBS 47846.1.1 REPLACE BRIDGE 7 OVER FRENCH BROAD RIVER AND SOUTHERN RAILROAD ON SR 1620. \$266,032.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$250,000.00
BUNCOMBE CO. DIV. 13 I-2513B STATEWIDE	WBS 34165.1.9 I-240 FROM SR 3548 (HAYWOOD ROAD) TO US 19/23 AT SR 1781 (BROADWAY). \$633,133.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED.	\$25,000.00

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TOWN / COUNTY DIVISION PROJ. CATEGORY	PROJECT DESCRIPTION	ESTIMATED COST
BURKE CO. DIV. 13 I-5008 REGIONAL	WBS 41497.1.1 I-40 AT SR 1734/SR 1826 (EXIT 111). \$1,497,253.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED. WBS WILL BE CLOSED.	\$15,536.00
BURKE CO. DIV. 13 I-5009 REGIONAL	WBS 41824.1.1 I-40 AT US 64 (BURKEMONT ROAD). \$1,104,956.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED. WBS WILL BE CLOSED.	\$11,190.92
MADISON CO. DIV. 13 I-5831 STATEWIDE	WBS 53037.1.1 I-26 FROM TENNESSEE STATE LINE TO MILEMARKER 9. \$177,290.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED. WBS WILL BE CLOSED.	\$127.09
BURKE CO. DIV. 13 I-5874 REGIONAL	WBS 53075.1.1 I-40 AT SR 1142 (JAMESTOWN ROAD) - EXIT 100. \$1,387,060.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED. WBS WILL BE CLOSED.	\$15,642.28
BURKE CO. DIV. 13 I-5875 REGIONAL	WBS 53076.1.1 I-40 AT SR 1712 (DREXEL ROAD). \$1,400,873.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE REQUESTED. WBS WILL BE CLOSED.	\$15,635.69
MCDOWELL CO. DIV. 13 U-5818 DIVISION	WBS 44390.1.1 SR 1001 (SUGAR HILL ROAD) FROM I-40 WESTBOUND RAMPS TO 0.3 MILE WEST OF I-40 EASTBOUND RAMPS. \$1,340,559.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL STRATEGIC TRANSPORTATION INVESTMENTS FUNDS ARE REQUESTED. THIS IS A BUILD NC BOND PROJECT.	\$5,000.00

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

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

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

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

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

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

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

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

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

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

***The correction should be:

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

TOWN / COUNTY PROJ. CATEGORY	PROJECT DESCRIPTION	ESTIMATED COST
DIVISION 11		
WILKES CO. B-4676 DIVISION	WBS 33831.1.1, FEDERAL NO. BRZ-1001(29) REPLACE BRIDGE #29 OVER CUB CREEK ON SR 1001. \$200,825.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET. WORK ASSOCIATED WITH THIS WBS IS COMPLETE. THIS WBS WILL BE CLOSED.	\$517,152.00 Cost \$413,401.00 Fed. \$103,751.00 State
WILKES CO. B-4676 DIVISION	WBS 33831.2.2, FEDERAL NO. BRZ-1001(29) REPLACE BRIDGE #29 OVER CUB CREEK ON SR 1001. \$113,586.00 HAS PREVIOUSLY BEEN APPROVED FOR RIGHT OF WAY AND UTILITIES. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET. WORK ASSOCIATED WITH THIS WBS IS COMPLETE. THIS WBS WILL BE CLOSED.	\$103,787.00 Cost \$83,029.00 Fed. \$20,758.00 State

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

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

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

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

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

TOWN / COUNTY PROJ. CATEGORY	PROJECT DESCRIPTION	ESTIMATED COST
DIVISION 13		
YANCEY CO. B-5864 EXEMPT	WBS 48058.1.1, FEDERAL NO. BRSTP-0080(6) REPLACE BRIDGE #49 OVER BROWN CREEK ON NC 80. \$527,515.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET. THIS IS A STRATEGIC TRANSPORTATION INVESTMENTS TRANSITION PROJECT.	\$50,000.00 Cost \$40,000.00 Fed. \$10,000.00 State
RUTHERFORD CO. B-5876 STATEWIDE	WBS 48070.1.1, FEDERAL NO. NHP-0074(181) REPLACE BRIDGES #83 AND #84 OVER SECOND BROAD RIVER ON US 74 BYPASS. \$600,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$700,000.00 Cost \$560,000.00 Fed. \$140,000.00 State
MADISON CO. B-5989 DIVISION	WBS 47845.2.1, FEDERAL NO. BRZ-1395(007) REPLACE BRIDGE #71 OVER BIG LAUREL CREEK ON SR 1395. \$13,000.00 HAS PREVIOUSLY BEEN APPROVED FOR RIGHT OF WAY. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$75,000.00 Cost \$60,000.00 Fed. \$15,000.00 State
RUTHERFORD CO. B-6047 DIVISION	WBS 48390.1.1, FEDERAL NO. BRZ-2125(003) REPLACE BRIDGE #145 OVER FLOYDS CREEK ON SR 2125. \$204,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State

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

TOWN / COUNTY PROJ. CATEGORY	PROJECT DESCRIPTION	ESTIMATED COST
DIVISION 13		
MCDOWELL CO. R-5964 EXEMPT	WBS 48925.3.1, FEDERAL NO. 1819003 NEW ROUTE. CONSTRUCT ACCESS ROAD TO THE UNIVERSAL TECHNOLOGY CENTER AT MCDOWELL TECHNICAL COMMUNITY COLLEGE IN MARION. \$987,112.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. FUNDS NEED TO BE DECREASED (\$65,000.00) TO ALIGN FUNDING WITH FEDERAL AWARD. THIS IS AN APPALACHIAN DEVELOPMENT PROJECT.	(\$65,000.00) Cost (\$65,000.00) Fed.
BUNCOMBE CO. W-5713L REGIONAL	WBS 44861.1.12, FEDERAL NO. HSIP-0191(017) NC 191 (BREVARD ROAD) AT NC 146 (LONG SHOALS ROAD). \$50,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$52,000.00 Cost \$46,800.00 Fed. \$5,200.00 State
MADISON CO. W-5713N REGIONAL	WBS 44861.3.14, FEDERAL NO. HSIP-0025(042) US 25/70 AT SR 1582 (LONG BRANCH ROAD) NEAR MARSHALL. \$263,000.00 HAS PREVIOUSLY BEEN APPROVED FOR CONSTRUCTION. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$150,000.00 Cost \$135,000.00 Fed. \$15,000.00 State
BUNCOMBE CO. W-5813C DIVISION	WBS 48958.1.4, FEDERAL NO. 1332005 SR 1332 (N. LOUISIANA AVENUE) AT SR 1338 (EMMA ROAD). \$10,000.00 HAS PREVIOUSLY BEEN APPROVED FOR PRELIMINARY ENGINEERING. ADDITIONAL FUNDS ARE NEEDED TO COVER EXPENDITURES THAT HAVE OR WILL EXCEED THE PREVIOUSLY AUTHORIZED BUDGET.	\$40,000.00 Cost \$36,000.00 Fed. \$4,000.00 State

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

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

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

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

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

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

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

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

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

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

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

Correction To Item M of September 8, 2022

Page M-29

Project B-5905, WBS: 48037.2.2

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

Correction To Item M of October 5, 2022

Page M-3

Project: B-6049, WBS: 48324.2.1

Correct WBS Number to 48324.1.1 to match with preliminary engineering phase

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

DIVISION 8

* HE-0006A CHATHAM PROJ.CATEGORY HWY FUNDS	VARIOUS, VINFAST - RESURFACING AND STRENGTHENING OF SURROUNDING ROADWAYS NEAR TRIANGLE INNOVATION POINT MEGASITE. <u>ADD NEW ECONOMIC DEVELOPMENT PROJECT</u> <u>BREAK AT REQUEST OF DIVISION.</u>	CONSTRUCTION	FY 2023 - <u>\$7,000,000</u> (S) \$7,000,000
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* HE-0006B CHATHAM PROJ.CATEGORY HWY FUNDS	VARIOUS, VINFAST - CONSTRUCTION OF SITE DESIGN 1A AND 1B. ROADWAY IMPROVEMENTS INCLUDING CONSTRUCTION OF MULTIPLE INDUSTRIAL ACCESS ROADS AND NEW INTERCHANGES ALONG US 1. <u>ADD NEW ECONOMIC DEVELOPMENT PROJECT</u> <u>BREAK AT REQUEST OF DIVISION.</u>	ENGINEERING RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2023 - \$3,000,000 (S) FY 2023 - \$5,000,000 (S) FY 2024 - \$5,000,000 (S) FY 2023 - \$2,500,000 (S) FY 2024 - \$2,500,000 (S) FY 2024 - \$100,000,000 (S) FY 2025 - <u>\$75,000,000</u> (S) \$193,000,000
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* HE-0006C CHATHAM PROJ.CATEGORY HWY FUNDS	VARIOUS, VINFAST - CONSTRUCTION OF SITE DESIGN 2A AND 2B. ROADWAY IMPROVEMENTS INCLUDING CONSTRUCTION OF MULTIPLE INDUSTRIAL ACCESS ROADS AND NEW INTERCHANGES ALONG US 1. <u>ADD NEW ECONOMIC DEVELOPMENT PROJECT</u> <u>BREAK AT REQUEST OF DIVISION.</u>	CONSTRUCTION	FY 2025 - \$25,000,000 (S) FY 2026 - <u>\$25,000,000</u> (S) \$50,000,000
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* HE-0011 CHATHAM PROJ.CATEGORY DIVISION	VARIOUS, WOLFSPEED - ROADWAY IMPROVEMENTS ALONG US 64 JUST WEST OF SILER CITY AND CONSTRUCTION OF INDUSTRIAL ACCESS ROAD. <u>ADD NEW ECONOMIC DEVELOPMENT PROJECT AT</u> <u>REQUEST OF DIVISION.</u>	ENGINEERING RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2023 - \$1,000,000 (T) FY 2023 - \$250,000 (T) FY 2023 - \$250,000 (T) FY 2024 - \$4,250,000 (T) FY 2025 - <u>\$4,250,000</u> (T) \$10,000,000
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DIVISION 10

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

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

DIVISION 11

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

DIVISION 12

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

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

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

STIP MODIFICATIONS**DIVISION 1**

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

* INDICATES FEDERAL AMENDMENT

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

DIVISION 1

R-5717B CAMDEN	SR 1224 (OLD SWAMP ROAD), REPLACE BRIDGE 140013 OVER JOYCE CREEK.	CONSTRUCTION	FY 2023 -	\$1,550,000	(T)
				\$1,550,000	

PROJ.CATEGORY **ADD PROJECT BREAK AT THE REQUEST OF THE**
DIVISION **DIVISION.**

R-5757 NORTHAMPTON	NC 305, SEABOARD TOWN LIMITS TO HERTFORD COUNTY LINE. UPGRADE ROADWAY.	RIGHT-OF-WAY	FY 2023 -	\$381,000	(BGLT5)
			FY 2024 -	\$762,000	(BGLT5)
			FY 2025 -	\$381,000	(BGLT5)
PROJ.CATEGORY	<u>REMOVE CONSTRUCTION PREVIOUSLY</u>	UTILITIES	FY 2023 -	\$2,061,000	(BGLT5)
DIVISION	<u>PROGRAMMED IN FY 24. CONSTRUCTION TO BE</u>		FY 2024 -	\$2,061,000	(BGLT5)
	<u>FUNDED UNDER R-5757A AND R-5757B.</u>			\$5,646,000	

R-5757A NORTHAMPTON	NC 305, HERTFORD COUNTY LINE TO NORTH OF SR 1503 (LASKER ROAD). UPGRADE ROADWAY.	CONSTRUCTION	FY 2024 -	\$233,000	(BGLT5)
			FY 2025 -	\$7,922,000	(BGLT5)
PROJ.CATEGORY	<u>ADD PROJECT BREAK AT THE REQUEST OF THE</u>		FY 2026 -	\$7,223,000	(BGLT5)
DIVISION	<u>DIVISION.</u>		FY 2027 -	\$5,592,000	(BGLT5)
			FY 2028 -	\$2,330,000	(BGLT5)
				\$23,300,000	

R-5757B NORTHAMPTON	NC 305, NORTH OF SR 1503 (LASKER ROAD) TO SEABOARD TOWN LIMITS. UPGRADE ROADWAY.	CONSTRUCTION	FY 2024 -	\$232,000	(BGLT5)
			FY 2025 -	\$7,888,000	(BGLT5)
PROJ.CATEGORY	<u>ADD PROJECT BREAK AT THE REQUEST OF THE</u>		FY 2026 -	\$7,192,000	(BGLT5)
DIVISION	<u>DIVISION.</u>		FY 2027 -	\$5,568,000	(BGLT5)
			FY 2028 -	\$2,320,000	(BGLT5)
				\$23,200,000	

* INDICATES FEDERAL AMENDMENT

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

DIVISION 1

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

DIVISION 2

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

DIVISION 3

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

* INDICATES FEDERAL AMENDMENT

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

DIVISION 3

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

* INDICATES FEDERAL AMENDMENT

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

DIVISION 3

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

DIVISION 4

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

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

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

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

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

* INDICATES FEDERAL AMENDMENT

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

DIVISION 4

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

DIVISION 5

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

* INDICATES FEDERAL AMENDMENT

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

DIVISION 5

* HS-2005L DURHAM	SR 1327 (GREGSON STREET), SR 1327 (GREGSON STREET) AT KNOX STREET. INSTALL TRAFFIC SIGNAL.	CONSTRUCTION	FY 2023 -	\$110,000 \$110,000	(HSIP)
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PROJ.CATEGORY **ADD PROJECT BREAK AT REQUEST OF**
DIVISION **TRANSPORTATION MOBILITY AND SAFETY DIVISION.**

* HS-2005M DURHAM	NC 55 (ALSTON AVENUE), AT SR 1670 (GEER STREET). REVISE TRAFFIC SIGNAL AND INSTALL PEDESTRIAN SIGNAL HEADS.	CONSTRUCTION	FY 2023 -	\$62,000 \$62,000	(HSIP)
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PROJ.CATEGORY **ADD PROJECT BREAK AT REQUEST OF**
REGIONAL **TRANSPORTATION MOBILITY AND SAFETY DIVISION.**

* HS-2005N DURHAM	NC 98, AT SR 1919 (LYNN ROAD). ADD LANES THROUGH INTERSECTION AND TURN LANES.	RIGHT-OF-WAY CONSTRUCTION	FY 2024 -	\$500,000	(HSIP)
			FY 2025 -	\$285,000	(HSIP)
			FY 2025 -	\$1,000,000	(T)
			FY 2025 -	\$500,000	(L)
				\$2,285,000	

PROJ.CATEGORY **ADD PROJECT BREAK AT REQUEST OF**
REGIONAL **TRANSPORTATION MOBILITY AND SAFETY DIVISION.**

P-5737 WAKE	CSX S LINE, SR 2108 (MILLBROOK ROAD) IN RALEIGH. CONSTRUCT GRADE SEPARATION AND CLOSE CROSSING 630605A.	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2022 -	\$6,111,000	(T)
			FY 2022 -	\$1,228,000	(T)
			FY 2025 -	\$1,338,000	(DP)
			FY 2025 -	\$1,963,000	(T)
			FY 2026 -	\$4,149,000	(DP)
			FY 2026 -	\$6,085,000	(T)
			FY 2027 -	\$2,819,000	(DP)
			FY 2027 -	\$4,135,000	(T)
			FY 2028 -	\$694,000	(DP)
			FY 2028 -	\$1,017,000	(T)
				\$29,539,000	

PROJ.CATEGORY **TO ALLOW ADDITIONAL TIME FOR DESIGN, DELAY**
STATEWIDE **CONSTRUCTION FROM FY 24 TO FY 25.**

* INDICATES FEDERAL AMENDMENT

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

DIVISION 5

R-2829A	NEW ROUTE (FUTURE NC 540), I-40 TO SOUTH OF	RIGHT-OF-WAY	FY 2025 - \$16,705,000	(BOND R)
WAKE	ROCK QUARRY ROAD. CONSTRUCT FREEWAY ON		FY 2026 - \$33,400,000	(BOND R)
PROJ.CATEGORY	NEW LOCATION.		FY 2027 - \$16,705,000	(BOND R)
STATEWIDE	<u>ADD NEW PROJECT BREAK FOR SEPARATE LETTING</u>	UTILITIES	FY 2025 - \$3,665,000	(BOND R)
	<u>PURPOSES AT REQUEST OF NORTH CAROLINA</u>		FY 2026 - \$3,666,000	(BOND R)
	<u>TURNPIKE AUTHORITY.</u>	GARVEE CON	FY 2026 - \$11,261,000	(NHP)
			FY 2027 - \$11,261,000	(NHP)
			FY 2028 - \$11,261,000	(NHP)
			FY 2029 - \$11,261,000	(NHP)
			AFTER FY 2029 - \$123,871,000	(NHP)
		CONSTRUCTION	FY 2026 - \$10,937,000	(S(M))
			FY 2026 - \$86,100,000	(BOND R)
			FY 2027 - \$10,937,000	(S(M))
			FY 2028 - \$10,938,000	(S(M))
			FY 2029 - \$10,938,000	(S(M))
			<u>\$372,906,000</u>	

R-2829B	NEW ROUTE (FUTURE NC 540), SOUTH OF ROCK	RIGHT-OF-WAY	FY 2025 - \$17,195,000	(BOND R)
WAKE	QUARRY ROAD TO I-87 / US 64 / US 264 BYPASS.		FY 2026 - \$34,384,000	(BOND R)
PROJ.CATEGORY	CONSTRUCT FREEWAY ON NEW LOCATION.		FY 2027 - \$17,195,000	(BOND R)
STATEWIDE	<u>ADD NEW PROJECT BREAK FOR SEPARATE LETTING</u>	UTILITIES	FY 2025 - \$3,665,000	(BOND R)
	<u>PURPOSES AT REQUEST OF NORTH CAROLINA</u>		FY 2026 - \$3,666,000	(BOND R)
	<u>TURNPIKE AUTHORITY.</u>	GARVEE CON	FY 2026 - \$11,261,000	(NHP)
			FY 2027 - \$11,261,000	(NHP)
			FY 2028 - \$11,261,000	(NHP)
			FY 2029 - \$11,261,000	(NHP)
			AFTER FY 2029 - \$123,871,000	(NHP)
		CONSTRUCTION	FY 2026 - \$10,937,000	(S(M))
			FY 2026 - \$156,100,000	(BOND R)
			FY 2027 - \$10,937,000	(S(M))
			FY 2028 - \$10,937,000	(S(M))
			FY 2029 - \$10,937,000	(S(M))
			<u>\$444,868,000</u>	

* R-5785	VARIOUS, DIVISION 5 PROGRAM TO UPGRADE	CONSTRUCTION	FY 2023 - \$200,000	(S)
DURHAM	INTERSECTIONS TO COMPLY WITH THE AMERICANS		FY 2023 - \$800,000	(TA)
GRANVILLE	WITH DISABILITIES ACT (ADA) USING		<u>\$1,000,000</u>	
PERSON	TRANSPORTATION ALTERNATIVES (TA) FUNDS.			
VANCE	<u>ADD FUNDING IN FY 23 NOT PREVIOUSLY</u>			
FRANKLIN	<u>PROGRAMMED.</u>			
WARREN				
WAKE				

PROJ.CATEGORY

DIVISION

* INDICATES FEDERAL AMENDMENT

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

DIVISION 5

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

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

DIVISION 6

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

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

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

* INDICATES FEDERAL AMENDMENT

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

DIVISION 7

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

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

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

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

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

* INDICATES FEDERAL AMENDMENT

**REVISIONS TO THE 2020-2029 STIP
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DIVISION 7

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

PROJ.CATEGORY

DIVISION

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

* INDICATES FEDERAL AMENDMENT

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

DIVISION 7

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

DIVISION 8

* HS-2008E	US 74 AT NC 144 (MORGAN STREET) / SR 1148 (SAINT	CONSTRUCTION	FY 2023 -	\$207,000	(HSIP)
SCOTLAND	JOHNS CHURCH ROAD). CONVERT TO A SIGNALIZED		FY 2023 -	\$413,000	(T)
PROJ.CATEGORY	RCI.			\$620,000	

STATEWIDE **ADD PROJECT BREAK AT REQUEST OF
TRANSPORTATION MOBILITY AND SAFETY DIVISION.**

* HS-2008F	NC 5 AT SR 1205 (MORGANTON ROAD). REALIGN	CONSTRUCTION	FY 2023 -	\$300,000	(HSIP)
MOORE	INTERSECTION AND ADD TURN LANES.		FY 2023 -	\$600,000	(T)
PROJ.CATEGORY	<u>ADD PROJECT BREAK AT REQUEST OF</u>			\$900,000	

REGIONAL **TRANSPORTATION MOBILITY AND SAFETY DIVISION.**

* R-3421CA	US 220/I-73/I-74, SR 1336 (BILLY COVINGTON ROAD)	RIGHT-OF-WAY	FY 2023 -	\$75,000	(T)
RICHMOND	<u>ADD CONSTRUCTION IN FY 23 NOT PREVIOUSLY</u>	UTILITIES	FY 2023 -	\$25,000	(T)
PROJ.CATEGORY	<u>PROGRAMMED TO REFLECT CURRENT TOWN</u>	CONSTRUCTION	FY 2023 -	\$532,000	(T)
STATEWIDE	<u>DELIVERY SCHEDULE.</u>			\$632,000	

* INDICATES FEDERAL AMENDMENT

**REVISIONS TO THE 2020-2029 STIP
HIGHWAY PROGRAM
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DIVISION 8

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

RANDOLPH

CHATHAM

MOORE

PROJ.CATEGORY

DIVISION

DIVISION 9

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

PROJ.CATEGORY

DIVISION

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

* INDICATES FEDERAL AMENDMENT

**REVISIONS TO THE 2020-2029 STIP
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DIVISION 9

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

DIVISION 10

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

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

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

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

* INDICATES FEDERAL AMENDMENT

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

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

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

DIVISION 11

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

DIVISION 12

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

* INDICATES FEDERAL AMENDMENT

**REVISIONS TO THE 2020-2029 STIP
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DIVISION 12

* C-5606M	NEAL HAWKINS ROAD, CONSTRUCT SIDEWALK ON	ENGINEERING	FY 2023 -	\$370,000	(CMAQ)
GASTON	SOUTH SIDE OF NEAL HAWKINS ROAD FROM EXISTING		FY 2023 -	\$92,000	(L)
PROJ.CATEGORY	SIDEWALK AT MARTHA RIVERS PARK TO EXISTING	RIGHT-OF-WAY	FY 2024 -	\$15,000	(CMAQ)
EXEMPT	SIDEWALK AT VILAGE OF PARKSIDE, CONSTRUCT MID-		FY 2024 -	\$4,000	(L)
	BLOCK CROSSING SOUTH OF FORBES ROAD, AND	CONSTRUCTION	FY 2025 -	\$1,103,000	(CMAQ)
	CONSTRUCT SIDEWALK ON NORTH SIDE OF NEAL		FY 2025 -	\$276,000	(L)
	HAWKINS ROAD FROM THE MID-BLOCK CROSSWALK			\$1,860,000	
	TO TO HAWK RIDGE DRIVE.				

MODIFY PROJECT SCOPE.

EB-5745	SR 1255 (HUDSON BOULEVARD) FROM SR 2200	ENGINEERING	FY 2023 -	\$246,000	(TA5200)
GASTON	(GASTON DAY SCHOOL ROAD) TO SR 2466 (REDBUD		FY 2023 -	\$62,000	(L)
PROJ.CATEGORY	DRIVE). SR 2466 (REDBUD DRIVE) FROM SR 1255	RIGHT-OF-WAY	FY 2024 -	\$108,000	(TA5200)
DIVISION	(HUDSON BOULEVARD) TO NC 279 (SOUTH NEW HOPE		FY 2024 -	\$27,000	(L)
	ROAD). CONSTRUCT SIDEWALK ON ONE SIDE.	CONSTRUCTION	FY 2025 -	\$240,000	(TA5200)
	<u>TO ALLOW ADDITIONAL TIME FOR PRELIMINARY</u>		FY 2025 -	\$60,000	(L)
	<u>ENGINEERING. DELAY RIGHT-OF-WAY FROM FY 23 TO</u>		FY 2026 -	\$744,000	(TA5200)
	<u>FY 24 AND CONSTRUCTION FROM FY 24 TO FY 25.</u>		FY 2026 -	\$186,000	(L)
				\$1,673,000	

EB-5768	SOUTH MARIETTA STREET/ HILLTOP DRIVE, HUDSON	ENGINEERING	FY 2023 -	\$252,000	(TA5200)
GASTON	BOULEVARD TO CLYDE STREET. CONSTRUCT		FY 2023 -	\$63,000	(L)
PROJ.CATEGORY	SIDEWALK ON ONE SIDE OF ROAD.	RIGHT-OF-WAY	FY 2024 -	\$48,000	(TA5200)
DIVISION	<u>TO ALLOW ADDITIONAL TIME FOR PRELIMINARY</u>		FY 2024 -	\$12,000	(L)
	<u>ENGINEERING. DELAY RIGHT-OF-WAY FROM FY 23 TO</u>	CONSTRUCTION	FY 2024 -	\$1,008,000	(TA5200)
	<u>FY 24.</u>		FY 2024 -	\$252,000	(L)
				\$1,635,000	

* HS-2012D	VARIOUS, INSTALL LONG LIFE PAVEMENT MARKINGS	CONSTRUCTION	FY 2023 -	\$3,615,000	(HSIP)
ALEXANDER	ON APPROXIMATELY 65 SECONDARY ROADS.			\$3,615,000	
CATAWBA	<u>ADD PROJECT BREAK AT THE REQUEST OF THE</u>				
IREDELL	<u>TRANSPORTATION MOBILITY AND SAFETY DIVISION.</u>				
PROJ.CATEGORY					
DIVISION					

* INDICATES FEDERAL AMENDMENT

**REVISIONS TO THE 2020-2029 STIP
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DIVISION 12

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

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

PROJ.CATEGORY

DIVISION

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

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

* INDICATES FEDERAL AMENDMENT

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

DIVISION 12

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

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

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

DIVISION 13

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

* INDICATES FEDERAL AMENDMENT

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

DIVISION 13

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

DIVISION 14

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

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

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

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

* INDICATES FEDERAL AMENDMENT

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

DIVISION 14

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

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

STIP DELETIONS**DIVISION 10**

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

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

* INDICATES FEDERAL AMENDMENT

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

DIVISION 10

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

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

DIVISION 11

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

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

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

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

* INDICATES FEDERAL AMENDMENT

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

DIVISION 12

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

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

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

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

DIVISION 13

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

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

* INDICATES FEDERAL AMENDMENT

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

DIVISION 13

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

DIVISION 14

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

ITEM N SUMMARY

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

* INDICATES FEDERAL AMENDMENT

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

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

Statewide

CSX Transportation, Inc.
(CSXT)

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

Division 1

Camden County Visitor Center
Camden County
42931
11335

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

Partnership for the Sounds, Inc.
Tyrrell County
42931
11339

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

Division 2

Coastal Carolina Regional
Airport Authority
Craven County
50363
11352

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

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

Division 3

Carteret County Tourism
Development Authority
Carteret County
42931
11351

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

Southeastern Welcome Center,
Inc.
Brunswick County
42931
11337

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

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

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

Division 5

Town of Rolesville
Wake County
U-6241
49183.3.1
49183.3.2
11347

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

Division 6

Town of the Fair Bluff
Columbus County
42931
11343

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

Town of Tabor City
Columbus County
42931
11341

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

November 3, 2022

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

Division 6, cont.

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

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

Division 7

Town of Jamestown
Guilford County
EB-5519
50035.1.1
50035.3.1
11333

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

Division 8

Randolph County Tourism
Development Authority
Randolph County
42931
11345

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

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

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

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

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

November 3, 2022

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

Division 8, cont.

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

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

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

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

Division 10, cont.

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

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

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

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

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

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

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

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

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Board of Transportation Agenda – Special and Municipal Agreements

Division 10, cont.

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

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

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

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

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

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

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

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

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Board of Transportation Agenda – Special and Municipal Agreements

Division 10, cont.

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

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

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

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

Division 11

N.C. High Country Host
Watauga County
42931
11345

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

Northwest NC Visitor Center
Wilkes County
42931
11344

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

Division 13

McDowell Chamber of
Commerce
McDowell County
42931
11340

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

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Division 13, cont.

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

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

Division 14

AT&T
Haywood County
U-5839
50230.1.1
50230.3.1
100016478

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

Smoky Mountain Host
Macon County
42931
11336

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

NCDA – Division of Forest
Services
Transylvania County
42931
11342

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

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Board of Transportation Agenda – Special and Municipal Agreements

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

Division 1

Town of Lewiston-Woodville
Bertie County
11326

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

Town of Winton
Hertford County
11327

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

Town of Roxobel
Bertie County
11328

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

Division 2

Two Farms Inc
Craven County
36249.4563
1000015721

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

Division 3

Fairfield Mixed-Use LLC
New Hanover County
36249.4911
1000014617

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

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Board of Transportation Agenda – Special and Municipal Agreements

Division 3, cont.

Town of Caswell Beach
Brunswick County
36249.4574
1000016225

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

Town of Topsail Beach
Pender County
11251

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

Glandon Forest Equity LLC
Duplin County
36249.4573
1000016226

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

Village of St. Helena
Pender County
11329

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

Division 4

Johnston County Schools
Johnston County
R-3825B
34452.3.5
1000016408

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

Division 5

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

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

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Board of Transportation Agenda – Special and Municipal Agreements

Division 5, cont.

City of Durham
Durham County
C-5605E
43725.3.6
11353

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

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

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

Triad Educational Services, Inc.
Wake County
36249.4578
1000016379

This Project consists of a new signal installation at the intersection of US 64 Eastbound at New Hill Olive Chapel Road in Apex. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$5,000.

DTS Land Class I, LLC
Wake County
36249.4579
1000016420

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

LCG2MF Morrisville 2
Apartments, LLC
Wake County
36249.4570
1000016007

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

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

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

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

Division 6

Ashland Construction Company
Cumberland County
36249.4569
1000016239

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

Division 7

350 South, LLC
Guilford County
36249.4479
1000013610

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

Division 9

City of King
Forsyth County
36248.291
1000016424

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

DPJ Residential LLC
Forsyth County
36249.4575
1000016283

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

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Board of Transportation Agenda – Special and Municipal Agreements

Division 9, cont.

City of Lexington
Davidson County
22S.029
11314

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

Division 10

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

This Project consists of a review and inspection of new traffic signal installations at Indian Trail Road and Poplin Road at the Monroe Expressway eastbound ramps. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement to the Department is \$12,000.

Division 11

Caldwell County
R-3430B
11331

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

Division 12

City of Mooresville
Iredell County
12.1049SM
12.2049SM
9873

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

City of Belmont
Gaston County
C-5505
45498.2.3
11316

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

Division 13

Town of Valdese
Burke County

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

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Board of Transportation Agenda – Special and Municipal Agreements

R-3430B
11330

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

Division 14

Henderson County Public
Schools
Henderson County
36249.4540
1000015005

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

NCDOT November 2022 Board of Transportation Agenda

Municipal Street System Changes for the Powell Bill Program

Deletions from the State Highway System

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

File Name: CLEVELAND_2022_11_M001

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

File Name: GUILFORD_2022_11_M001

Total Miles = 1.51

Additions to the State Highway System

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

File Name: MECKLENBURG_2022_11_M001

Total Miles = 0.19

NCDOT November 2022 Board of Transportation Agenda

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

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

(Division 5)

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

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

(Division 6)

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

(Division 7)

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

Preliminary Right of Way Plans (Continued)**(Division 7) (Continued)****Alamance County; I.D. No. U-6013; Project No. 47158.2.5:**

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

(Division 8)**Chatham County; I.D. No. R-5930; Project No. 48548.2.1:**

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

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

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

(Division 9)**Forsyth County; I.D. No. R-2247CB; Project No. 34409.2.7:**

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

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

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

(Division 10)**Mecklenburg County; I.D. No. HL-0025; Project No. 49491.2.1:**

Greylock Ridge Road from East John Street to East Charles Street

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

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

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

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

(Division 11)**Yadkin County; I.D. No. R-5912; Project No. 48467.2.1:**

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

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

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

(Division 13)**Buncombe County; I.D. No. I-2513AC; Project No. 34165.2.19:**

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

PRELIMINARY RIGHT OF WAY PLANS**16 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 provide for the construction, design, drainage and control of access for these projects. The Board finds that such rights of way and control of access as shown on the final plans are for a public use and are necessary for construction. The sections of roads which were shown on the preliminary plans as sections of roads to be abandoned are hereby abandoned and removed from the State Highway System for Maintenance upon the completion and acceptance of the project.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

FINAL RIGHT OF WAY PLANS**8 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 1)

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

Bertie County

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

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

Hertford County

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

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

Hertford County

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

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

Martin County

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

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

Pasquotank County

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

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

Auctioneer (Continued)

(Division 1) (Continued)

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

Perquimans County

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

(Division 5)

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

Durham County

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

Division 6)

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

Cumberland County

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

(Division 7)

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

Guilford County

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

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

Auctioneer (Continued)

(Division 7) (Continued)

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

Guilford County

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

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

Guilford County

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

(Division 8)

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

Randolph County

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

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

Randolph County

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

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

Randolph County

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

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

(Division 9)

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

Forsyth County

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

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

Forsyth County

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

(Division 10)

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

Cabarrus County

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

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

Cabarrus County

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

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

Cabarrus County

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

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

Cabarrus County

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

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

Auctioneer (Continued)

(Division 10) (Continued)

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

Cabarrus County

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

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

Mecklenburg County

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

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

Mecklenburg County

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

CONVEYANCE OF HIGHWAY RIGHT OF WAY RESIDUES BY REAL ESTATE AGENT

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

Approval of Conveyance of Highway Right of Way Residues

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

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

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

CONVEYANCE OF HIGHWAY RIGHT OF WAY RESIDUES 1 PROJECT(S) \$ 0.00

Approval of Conversion of Residual Area to Highway Right of Way

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

(Division 10)

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

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

CONVERSION OF RESIDUAL AREA TO HIGHWAY ROW 1 PROJECT(S) \$ 0.00

Advance Acquisition of Highway Right of Way

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

Division 9

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

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

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

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

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

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

After careful evaluation of the workload and schedules of the work that can be accomplished by our staff, it was determined necessary to employ private firms to prepare plans for the project listed below for our Department to obligate available funds. Our staff was authorized to proceed with the actions required to employ private engineering firms in accordance with the policies and procedures adopted by the Board on April 7, 2005.

STATEWIDE:

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


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

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

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

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

ITEM V

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

Other Business/Closing Comments

Chairman Fox advised that due to the recent Division Three travel trip, the upcoming Transportation Summit which will be held in January 2023, and the Division Eight travel trip scheduled for February 2023; a holiday dinner for December 2022 will not be held. Additionally, the December 1, 2022, Board meeting will be a virtual only, one-day meeting.

Chairman Fox thanked the members of the Board for their engagement in terms of current and previous meetings for their efforts in reviewing materials prior to each meeting for participation.

Next Meeting

The next Board meeting will be a hybrid meeting held Thursday, December 1, 2022. Members of the Board were requested to complete the RSVP form and return it to Governance for attendance.

Committee Reports

Road, Bridge, and Ferry Naming Committee

The committee approved national championship signs, two honorary designations and three bridge namings:

- **UNC 2022 Women's Lacrosse National Championship**
- **Honorable William L. Osteen Highway** – US-220 North from Old Battleground Road to Strawberry Road in Division 7
- **Officer Mia Goodwin Bridge** – East W. T. Harris Boulevard bridge over I 85 in Charlotte in Division 10
- **L. Eugene Pardue Bridge** – Bridge #59 on N. Main Street over Jonesville Creek in Jonesville in Division 11
- **Jimmie L. Couch Highway** – SR 1403 from NC 67 to US 21 Business in Jonesville in Division 11
- **Wade and Becky Wilson Bridge** – Bridge #27 on US 23 over Scotts Creek in the Town of Dillsboro in Division 14

Kevin Lacy said to streamline and facilitate processing, universities that win a national championship per board rules and completes an application, staff will inform the committee that the item will be presented at the next Board Meeting.

Update on upcoming events:

- On Nov. 14, we will host the Officer Donald Ray Tucker Bridge Dedication on Westover Road in Clinton.
- On Nov. 18, we'll host the Wayne Carringer Boulevard Dedication ceremony at Robbinsville High School in Graham County.

Finance Committee

- Financial Update – Stephanie King
 - First quarter revenues exceeded forecast for the first time this fiscal year by 6%, an increase of \$96.7m in September; this increase is in part due to Spend Plan Amendment 2.
 - First quarter Sales Tax revenue from DOR is expected to be recognized in October.
 - Accelerated Build NC billings occurred to close out 2020B Bond Series.
 - First quarter expenses are lower than forecast by \$162.3M or 8.1% in September.
 - Biennial budget process started - agency submittals are due to OSBM by Nov. 23rd; this process is during the fall of all even numbered years.
 - SAS has provided DOT new analytic forecasting that we are continuing to validate internally w/ E&Y
- Spend Plan Policy Update – Stephanie King
 - Spend Plan Policy had a couple of Formatting and language changes that will need BOT approval in the December meeting.
- Advance Construction – Leigh Wing
 - Session Law 2020-91 required DOT to submit a report to the GA about NCDOT's use of AC.
 - Advance Construction (AC) allows FHWA to authorize a project without obligating federal funds.
 - FHWA determines project eligibility for federal funding but does not commit to funding the project.
 - Requires state funds availability for project payment until reimbursement & a stable federal program.
 - Obligates funding over several years rather than at the beginning of a project
- Federal Program and Quarterly Revenue Update – Burt Tasaico
 - Continuing Appropriations Act was passed for continued operations thru Dec. 16th for a 77-day period; NC received \$252.7m in Obligation Authority.
 - NC ranks 9th in Obligation Authority but 5th in August redistribution.
 - Overall State revenues were 3.4% below original forecast; with MFT at 4.8% below forecast, HUT at 3.4% below forecast, and DMV Fees and Interest 1.6% above forecast.
- Powell Bill - Majed Al-Ghandour

- Powell Bill provides financial assistance to municipalities for municipally maintained streets
- As of October 2022, distributions are at \$77,445,803.51; for 508 municipalities.
- The second half will be distributed by January 2023 to 508 municipalities.
- Largest recipient was Charlotte (\$13.6M); Smallest recipient was Falkland (\$1.1K).

Inspector General Committee

Lionnetta Raynor (Inspector General) provided the following updates:

Staffing Levels: Two vacancies in Consultant Utility Railroad & Turnpike (CURT)

- Interviewing this week for one of the vacancies All other units fully staffed
- 08-21-22: hired consultant to assist with the Single Audit desk reviews
- Current total staff is 17. Report from the State Auditor suggested 25 internal auditors. All staff referenced as Internal Auditors. Not all staff does internal auditing.

Training:

- Internal audit staff attended AASHTO conference

Engagements/Audits:

- CARES Act Grants - Integrated Mobility Division (IMD) completed P-card
- underway Badge access underway

Activities:

- Annual Audit Risk Assessment Plan uploaded into OSBM website on 09-30-22
- Annual Audit Plan Attestation uploaded into OSBM website on 09-30-22
- Self-Assessment Maturity Model (SMM) uploaded into OSBM website on 09-30-22
- Quarterly Attestation for Engagements uploaded into OSBM website on 10-31-22

Moving forward:

- CURT – moving the approval of PO's & invoices out of CURT
- Charter – rewriting Charter to reflect correct activities

Closing:

- Annual Audit Plan will be provided to all committee members

Advanced Technology (ATC) Committee

Call to Order at 2:35 PM, (Committee Members) Zimmer (Chair), Wells (Vice Chair), Cody, Molamphy, McGrady, Phillips in attendance. All present members attended in-person. Absent Members: Clarke, Lathrop, and Moran.

- August 10, 2022, meeting minutes were approved as distributed with a motion by Committee Member Cody, seconded by Committee Member Molamphy.
- NCDOT Director, Strategic Initiatives and Program Support, Burt Tasaico, introduced the topic of Public Perception of Transportation Fees in North Carolina.
- Daniel Findley, Ph.D. of the NCSU Institute for Transportation Research and Education was introduced to the Committee by Mr. Burt Tasaico. Dr. Findley shared a presentation titled “Public Perception of Transportation Fees in North Carolina.”
- Executive Director J.J. Eden introduced the topic of Intelligent Transportation Solutions.
- A representative of Verizon Business Group, Athreya Sreenivasan, was introduced to share a presentation titled “Verizon Intelligent Transportation Solutions.”
- The meeting concluded with a brief open discussion of the presentation by all attending Committee Members.
- The meeting was adjourned at 3:30 PM with a motion by Committee Member Cody, seconded by Committee Member McGrady.

Workforce Committee

Chairman Grady Hunt called the November 2, 2022, Workforce Development Committee meeting to order, conducted a roll call of members present, and declared a quorum was present. Chair Hunt read the non-conflict/ethics statement and asked if there were any known conflicts of interest. The August 10, 2022, minutes were unanimous approved by the Workforce Development Committee.

Presenter: Robin Barfield, Director, Safety & Risk Management – Safety Initiatives & Review

- Safety and Risk Management (SRM): Focus on employee safety; Reduce unsafe conditions; Defensive driving and CDL program; Bolster Organizational Risk Management; Examine and implement innovative safe technologies; and Lead NCDOT’s OSHA compliance auditing programs.
- Defensive Driving Training: 1,800 plus employees trained since program launched in June 2020 virtually and 571 employees trained since June 2021.

- Excavation Safety Training: Trained employees to anticipate, recognize and evaluate hazards; Implement and manage controls; Authority and responsibility for excavation safety.
- Red Cross First Aid, CPR and AED Training: 175 employees trained by SRM in the last year.
- Driving Simulator Training: 30 plus snowplow operators per day; 300 to 400 drivers will be trained in the next few months.
- New CDL Program - Entry Level Driver Training (ELDT) Addition: Extend Transportation Worker Class Specifications to 365 days to follow Federal mandate (March 2022); NCDOT required to set up Federal Motor Carrier Safety Administration (FMCSA)-approved certification program; Training must be provided and recorded on FMCSA's Training Provider Registry; and DMV required to verify training was completed. JJ Keller pilot model rolled out with 100% online modules.
- Safety Helmets – Next Generation Head Protection: SRM researched the safety helmet market. The KASK Zenith X (EN 12492) has 360-degree head protection. It was piloted across several Divisions with positive feedback and saved an employee from serious injury involving a guardrail. Chief's office authorized roll-out to high-risk units such as bridge, roadside, and maintenance.
- Industrial Hygiene: Updated 5 plus Safety Policy and Procedure Programs; Conducted audits across NCDOT for Industrial Hygiene Programs; Evaluated equipment depots and employee exposure to noise; Continue to evaluate indoor air quality across NCDOT; and Asbestos evaluations.
- Ferry Division Safety Audit: Evaluated All NCDOT ferry terminals, ferry shipyard, and paint spray booth; Created a safety work plan to avoid potential employee exposure to hazards.
- HR Director Amanda Olive gave a brief update on the apprenticeship pilot program, retention and hiring bonuses, and labor market increases for Ferry and DMV.

Highway Committee

The Highways Committee heard two presentations on November 2, 2022.

Contractual Adjustments Overview

The first presentation, *Contractual Adjustments Overview*, was provided by Mr. Boyd Tharrington, Director of Field Support. Mr. Tharrington began with an overview of DOT contracts. For example, DOT contracts outline the work to be performed, detail how compensation will be provided, and establish contract times and key dates.

After contract award, however, many factors may prompt the need to change or adjust contract terms.

Examples include

- Problematic field conditions
- Specification changes
- Material availability
- Critical path delays
- Third party coordination
- Value engineering proposals

There are two main types of contractual adjustments: (1) Supplemental Agreements and (2) Claims. **Supplemental agreements** are written agreements between contractor(s) and NCDOT that formally amend the contract. **Claims** are requests for additional compensation or additional contract time.

There are four (most common) bases for supplemental agreements:

- Extra Work
- Altered Work
- Overruns and Underruns
- Value Engineering

Processes for how the Department handles supplemental agreements and claims were explained.

- The contractor or NCDOT identifies an issue not covered in the contract or recognizes changes
- The contractor notifies NCDOT and requests additional compensation for the work
- If NCDOT agrees, the price and time is negotiated, and the supplemental agreement is executed
- If NCDOT does not agree, the contractor can notify NCDOT of their intent to file a claim
- Work is performed
- If work is in dispute, the contractor files a claim

About claims:

- NCDOT's claims processes are essential to keep projects moving forward
- Protects the industry and NCDOT by providing a mechanism to resolve disputes
- Claims can be resolved during active construction or after project completion
- NCDOT has developed closeout conference procedures to resolve issues in formal discussion

The presentation ended with a brief overview of DBE contract awards.

Discussion followed.

Preparing for Connected and Autonomous Vehicles

The second presentation, *Preparing for Connected and Autonomous Vehicles*, was provided by Mr. Kevin Lacy, Director of Strategic Planning and Programming.

Mr. Lacy provided an overview of the autonomous and connected vehicle industry. For example, today's market does not offer Level 5 fully automated vehicles. The highest-level AV currently available is Level 2.

- Connected vehicles (CV)
- Automated vehicles (AV)
- Subscription / shared vehicles
- Electric vehicles (EV)

In North Carolina, automated vehicles may be in widespread use sooner than expected.

- Driverless testing is expanding – more companies in more places
- California has eight different companies approved to do Driverless Testing on their roadways
- More and more automated delivery and personal delivery devices
- People are paying for driverless rides in some cities
- Driverless shuttles such as the one at the Wright Brothers National Park
- Self-driving trucks are operating in industrial mining sites
- Self-driving trucks are becoming more prevalent

Factors driving quick adoption:

- Improved safety
- Cost savings of subscriptions or shared vehicles
- Benefits to specific groups: the elderly and disabled individuals
- Manufacturers are planning for the transition

Potential challenges:

- Level 5 AVs need more technology and research
- Federal and state legislation
- NHTSA exemption process
- Public skepticism
- Liability and insurance concerns

Big picture actions needed:

- Federal legislation and regulations

- Data sharing concerns
- Road and bridge design needs
- Additional DOT funding to maintain CV/AV infrastructure
- Non-system road and private driveway concerns
- Local government planning, parking, land use, and curb management issues
- Public Education
- Impacts to the transportation industry and workers (truck drivers)
- Train people for new businesses
- More research and more implementation

Multi-Modal (MM) Committee

Chair Lisa Mathis called the November 2, 2022, Multi-Modal Committee meeting to order. The September 7, 2022, meeting minutes were distributed was made by Board Member Leo Daughtry and seconded by Board Member Valerie Jordan.

Public Transportation, Rail, and Aviation funding items were presented by Ryan Brumfield, IMD Director, Jason Orthner, Rail Director, and Bobby Walston, Aviation Director. The items were recommended for approval by the Multi-Modal Committee. Board member Landon Zimmer made a motion for approval. The motion was seconded by Board member Chuck McGrady and approved unanimously by the Committee

- **Multi-Modal Updates – Julie White, Deputy Secretary for Multi-Modal Transportation**
 - FRA and NCDOT jointly hosted a Grade Crossing Safety and Railroad Trespass Prevention Workshop for three days this week. Sec. Boyette kicked it off which we appreciated as trespassing along railroad rights of way is the leading cause of rail related deaths in the U.S. while railroad crossing incidents are the second leading cause.
 - The General Assembly provided the Ferry system funding to address Labor Market challenges which has been implemented and should help address our vacancy challenges.
 - The agency sponsored and participated in the BikeWalkNC Summit in Greenville last week where our team were speakers and served as resources for those in attendance.
- **Presentation – Ryan Brumfield, IMD Director, NCDOT'S Integrated Mobility Division and Jason Orthner, Rail Director, NCDOT Rail Division Update**
 - The Integrated Mobility Division Director and Rail Division Director presented updates about the S-Line Rail Corridor, which focuses on connecting urban communities and rural communities.

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 Daughtry and seconded by Board Member Moran. Chairman Fox stated the motion passed unanimously.

Chairman Fox adjourned the meeting.

Michael S. Fox
Chairman Fox

North Carolina Board of Transportation

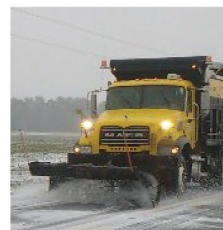
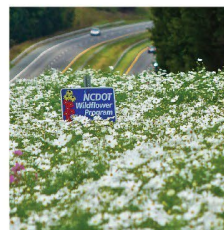
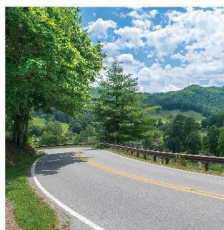
Attest: Marilyn McHulse
Secretary to the Board of Transportation

Dated this day 1 December 2022.



NORTH CAROLINA

Department of Transportation



Financial and Spend Plan Update

As of September 2022

Stephanie King, Chief Financial Officer

November 2022

Executive Summary

The Fast Five



Revenue

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



Expenses

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



Biennial Budget Formulation

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



Federal Update

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

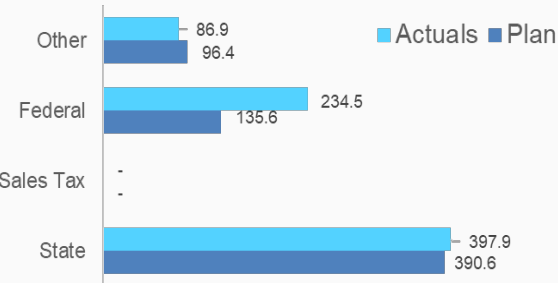



SAS Forecasting and Ernst and Young Initiatives

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

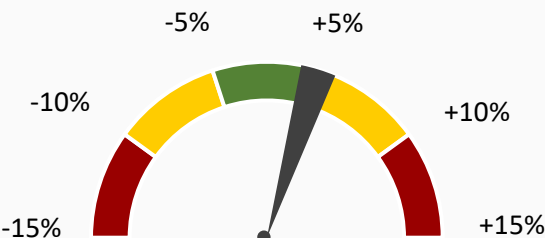
Revenues


September 2022 Spend Plan



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

Spend Plan FYTD Performance



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

Revenue Commentary

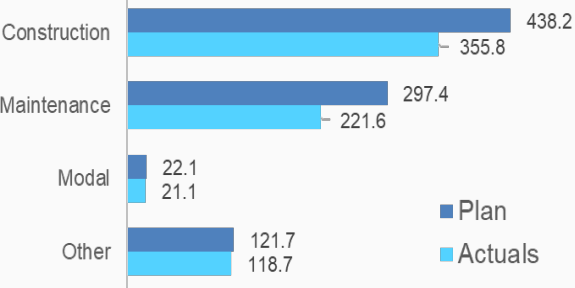
- Positive variances in Federal and State Revenues.
- Other Revenue negative variance was driven by State Capital and Infrastructure Funds (SCIF) revenue coming in lower than projected.
- State revenues in September are largely in line with forecast from Amended Plan.
- FHWA-Federal Aid monthly variance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

FY 2023 Spend Plans and Actuals (\$M)



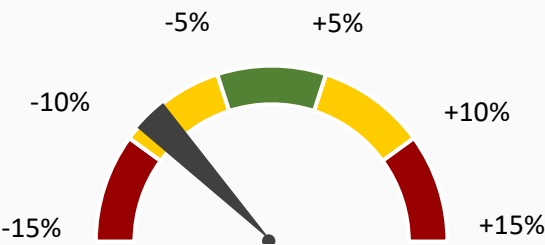
Expenses

September 2022 Spend Plan



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

Spend Plan FYTD Performance



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

Expense Commentary

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

FY 2023 Spend Plans and Actuals (\$M)



Financial Highlights

Cash

Cash Balance

\$2,459M

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

FY23 FCST Avg. Monthly Expenditures

\$657M

Days Cash On Hand

113.9

Last Month: 111.5

Days Cash on Hand

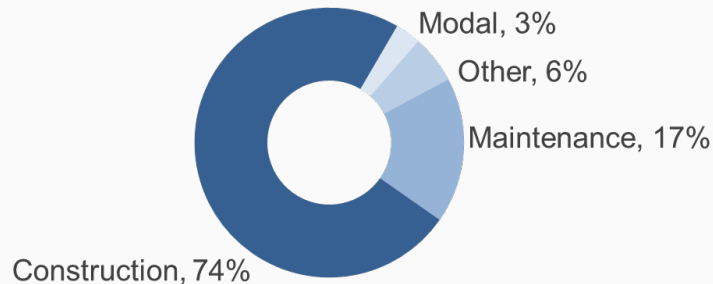


Commitments

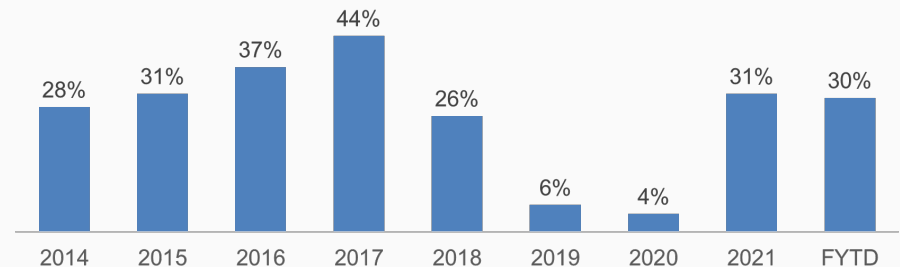
Open Commitments

\$8,177M

Last Month: \$8,209M



Cash as a % of Open Commitments

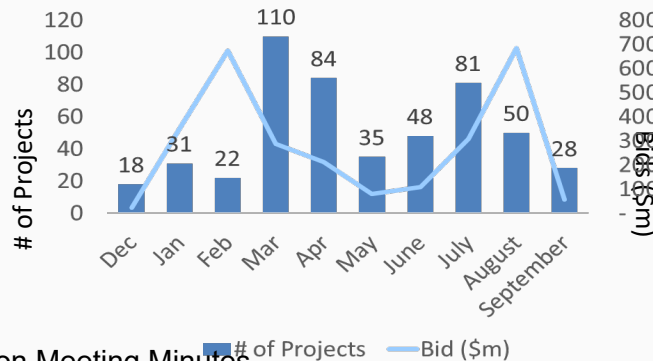


Project Activity

New Active Projects
September

28 Projects

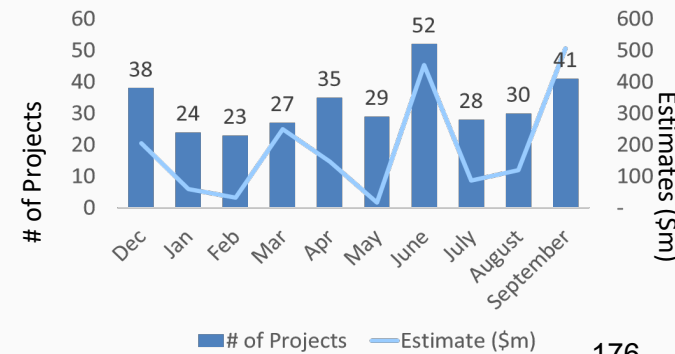
\$57.9M
(Bid Amounts)



Accepted Projects
September

50 Projects

\$505.9
(Estimate to Date)



NCDOT Board of Transportation Meeting Minutes

November 2-3, 2022

Detailed Report

Financial Analysis

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

Key monthly action:

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

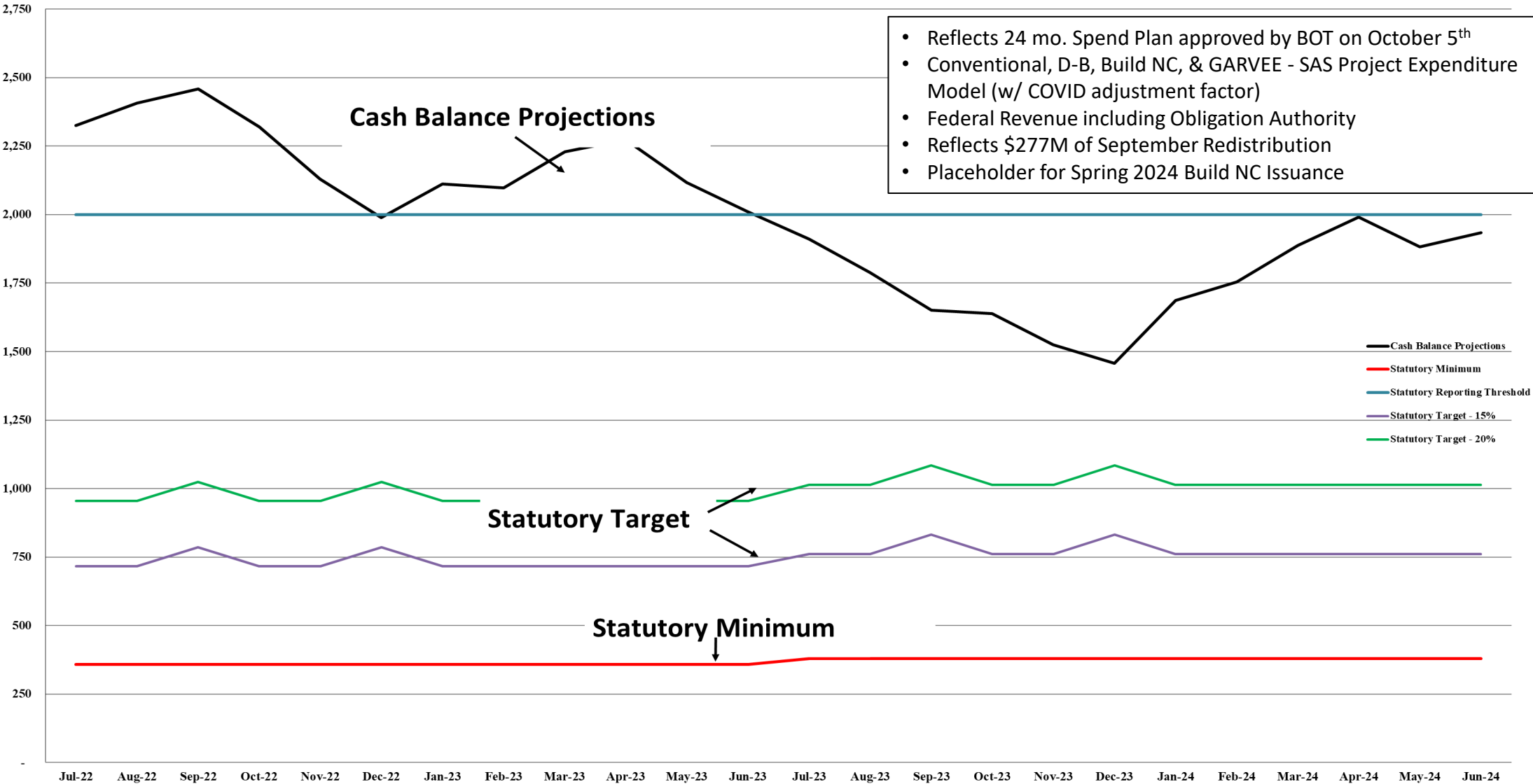
Financial Update

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

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

*Excludes bond proceeds held by Trustee

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

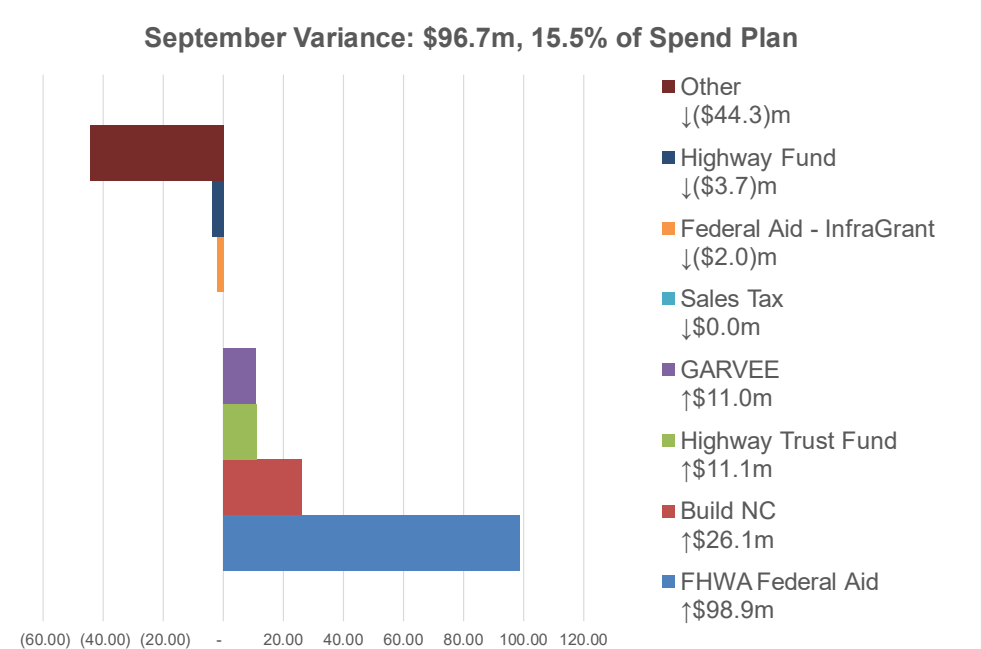


Actual Revenues and Expenditures Compared to Spend Plan

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

Revenue Summary and Variances – Monthly (\$M)

Variance to Spend Plan - Month of Sep

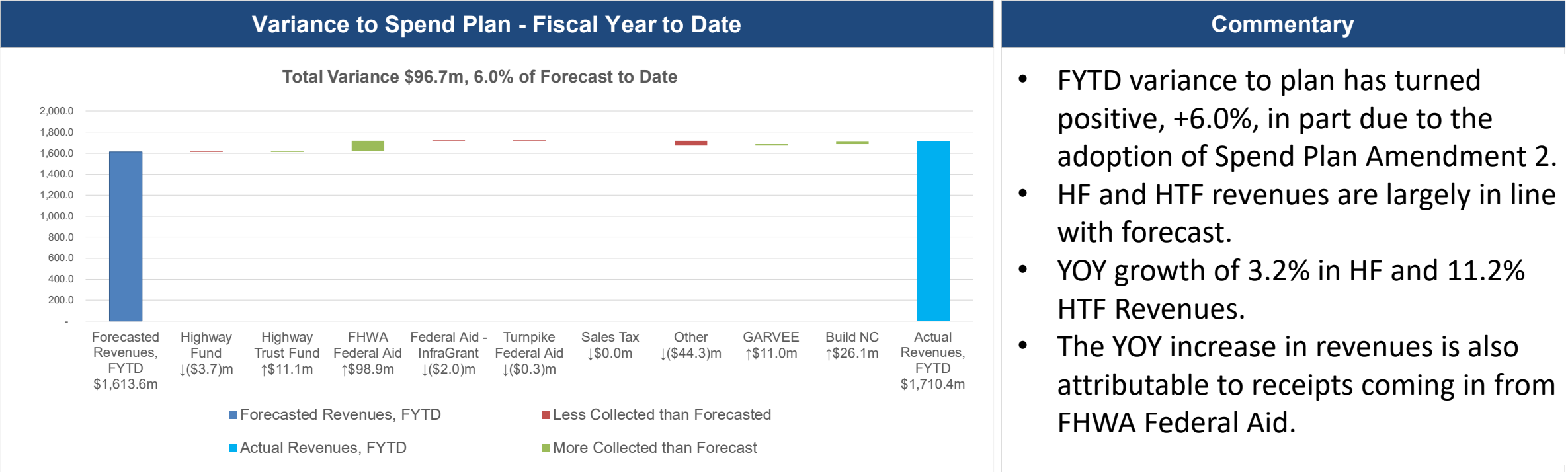


Commentary

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

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

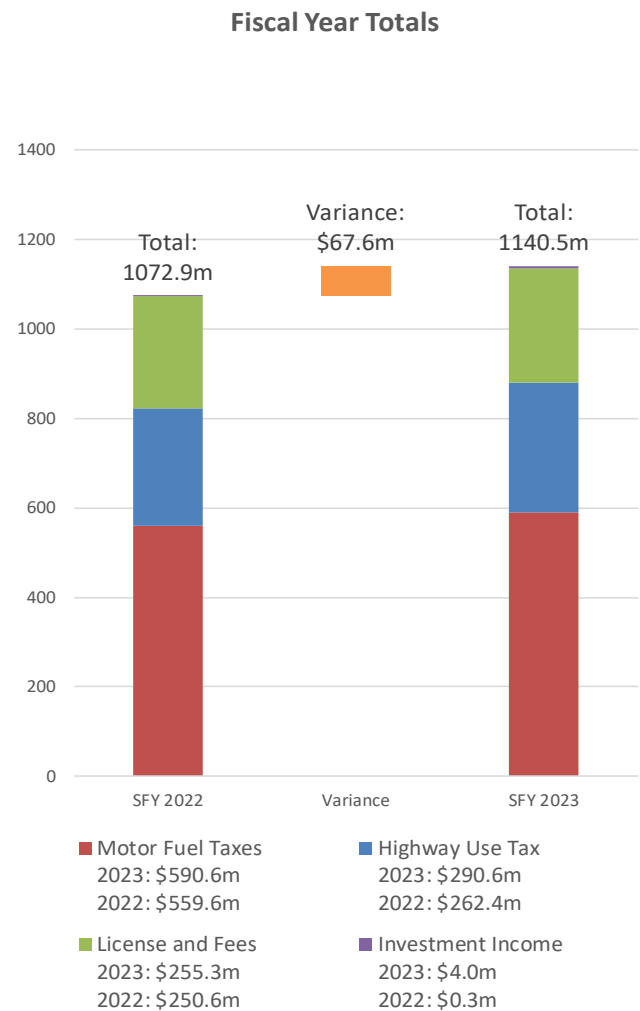
Revenue Summary and Variances – Fiscal Year to Date (\$M)



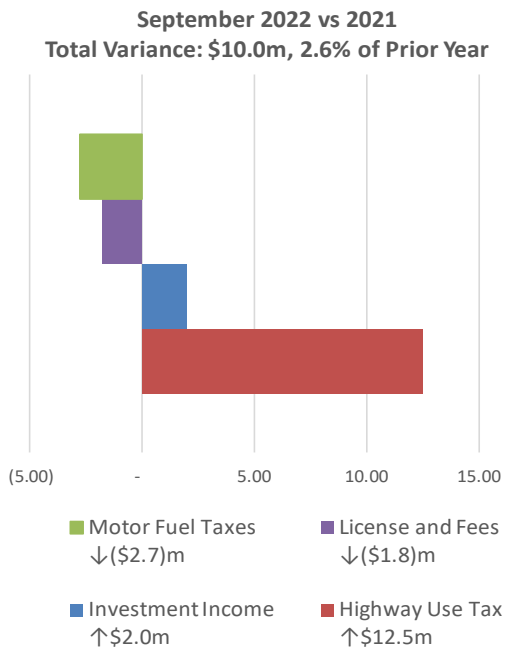
Actuals		Variance - Fiscal Year to Date				Track Against Full Year Spend Plan		Variance to Prior Year- FYTD		
Description	Actuals As of 09/30	Fiscal YTD Spend Plan	\$ Variance, FYTD	% Variance, FYTD	Full Year Spend Plan (Amendment 2)	% of SFY 2023 Spend Plan		Prior Year	\$ Variance, FYTD	% Variance
Highway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

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

FYTD YoY Variance



Monthly YoY Variance



Commentary

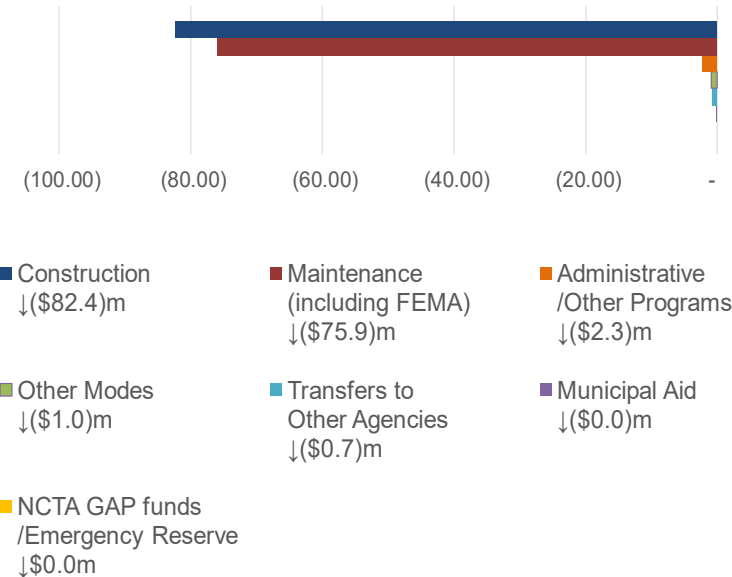
- YTD Highway Fund and Trust Fund revenues have grown by approximately 6.3% on a combined basis as compared to September 2021.
- September YTD Motor Fuel Tax, Highway Use Tax, and License & Fees remain strong with an uptick of 5.5%, 10.7%, and 1.9% YOY, respectively.

			Prior Year Comparison			
Comparison to Prior Year - Month of September			Comparison to Prior Year - Fiscal Year to Date			
Revenue	September 2022	September 2021	Current FYTD Actual Revenue <i>(Jul '22 - Sep '22)</i>	Previous FYTD Actual Revenue <i>(Jul '21 - Sep '21)</i>	FYTD YoY \$ Δ	FYTD YoY % Δ
Motor Fuel Taxes	216.1	218.9	590.6	559.6	31.0	6%
Highway Use Tax	101.1	88.6	290.6	262.4	28.1	11%
License and Fees	78.5	80.2	255.3	250.6	4.7	2%
Investment Income	2.3	0.3	4.0	0.3	3.8	1429%
Total Revenue	\$397.9	\$388.0	\$1,140.5	\$1,072.9	\$67.6	6%

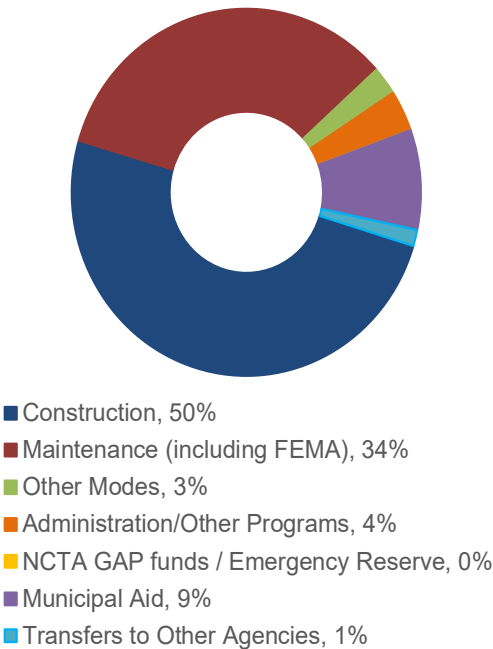
Overall Expenditure Variances – Monthly (\$M)

Variance to Spend Plan - Month of Sep

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



Monthly Expenditure Makeup*



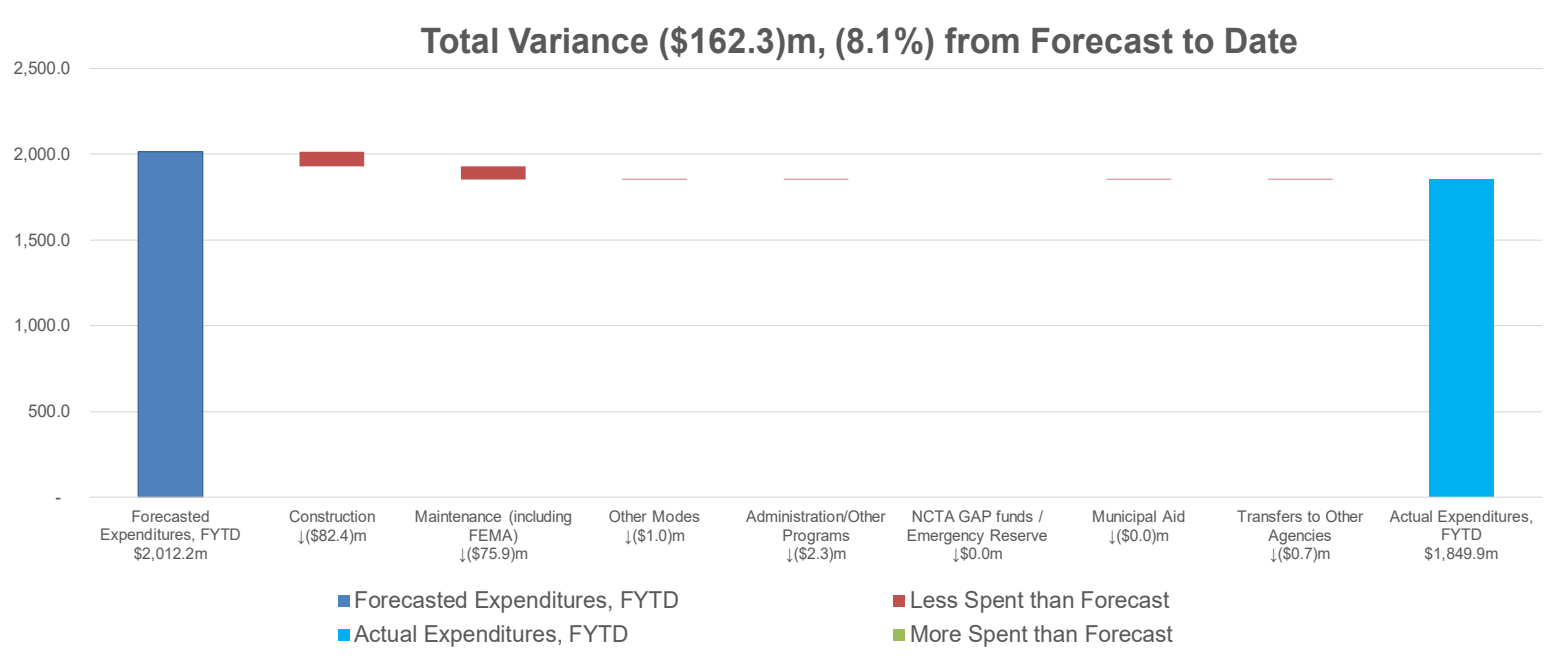
Commentary

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

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

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

Variance to Spend Plan - Fiscal Year to Date



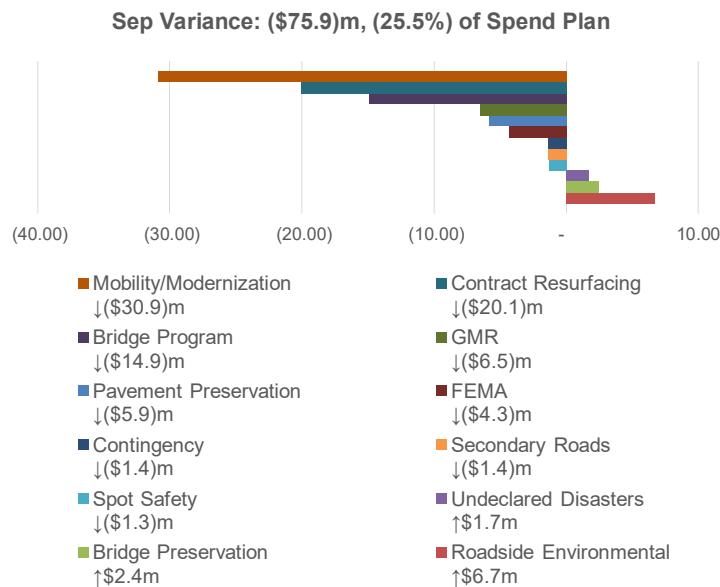
Commentary

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

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

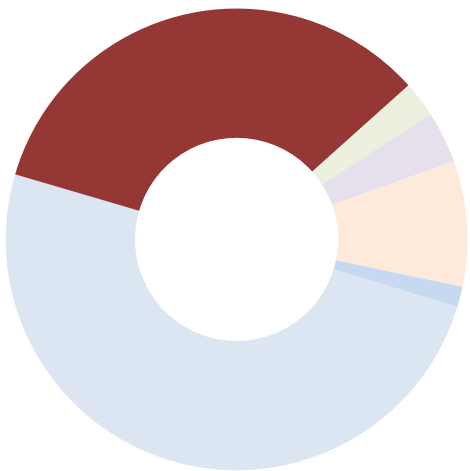
Maintenance Expenditure Variances – Monthly (\$M)

Variance to Spend Plan - Month of Sep



Monthly Expenditure

Maintenance is 33.8% of September Spend Plan

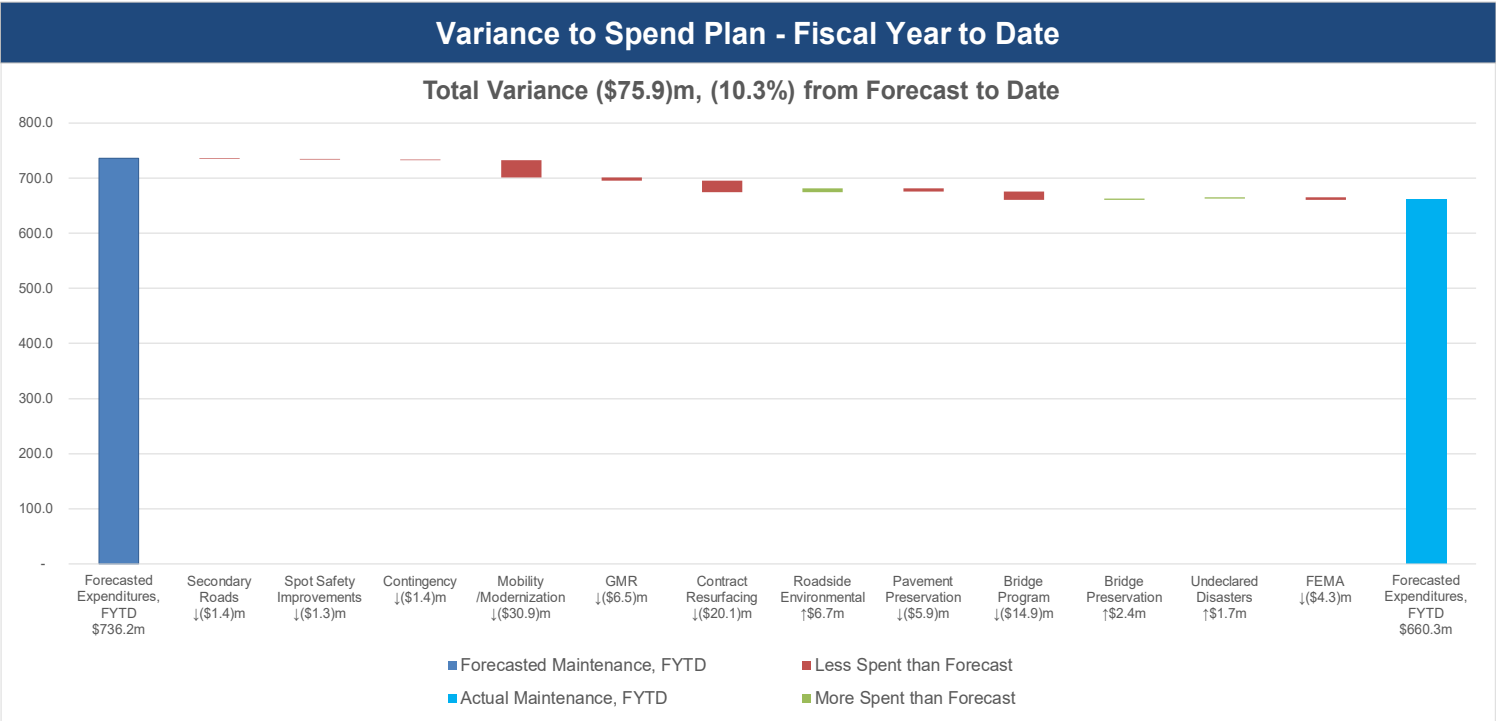


Commentary

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

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

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

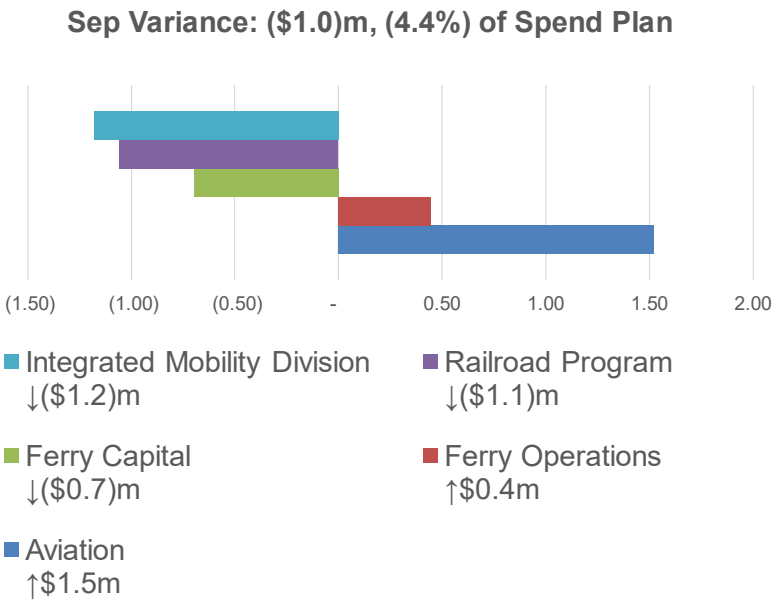


- Commentary**
- Maintenance expenditures are up significantly YOY, increasing by 65.1% from \$400.0M FYTD September 2021 to \$660.3M FYTD September 2022.
 - Spend levels in all maintenance categories are higher than the prior year except Spot Safety Improvement.

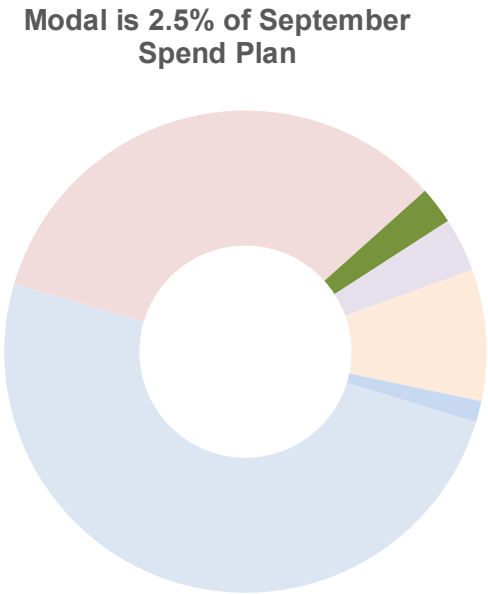
Actuals		Variance - Fiscal Year to Date			Track Against Full Year Spend Plan		Variance to Prior Year- FYTD		
Description	Actuals As of 09/30	Fiscal YTD Spend Plan	\$ Variance, FYTD	% Variance, FYTD	Full Year Spend Plan (Amendment 2)	% of SFY 2023 Spend Plan	Prior Year	\$ Variance, FYTD	% Variance
Secondary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

Modal Expenditure Variances – Monthly (\$M)

Variance to Spend Plan - Month of Sep



Monthly Expenditure Makeup



Commentary

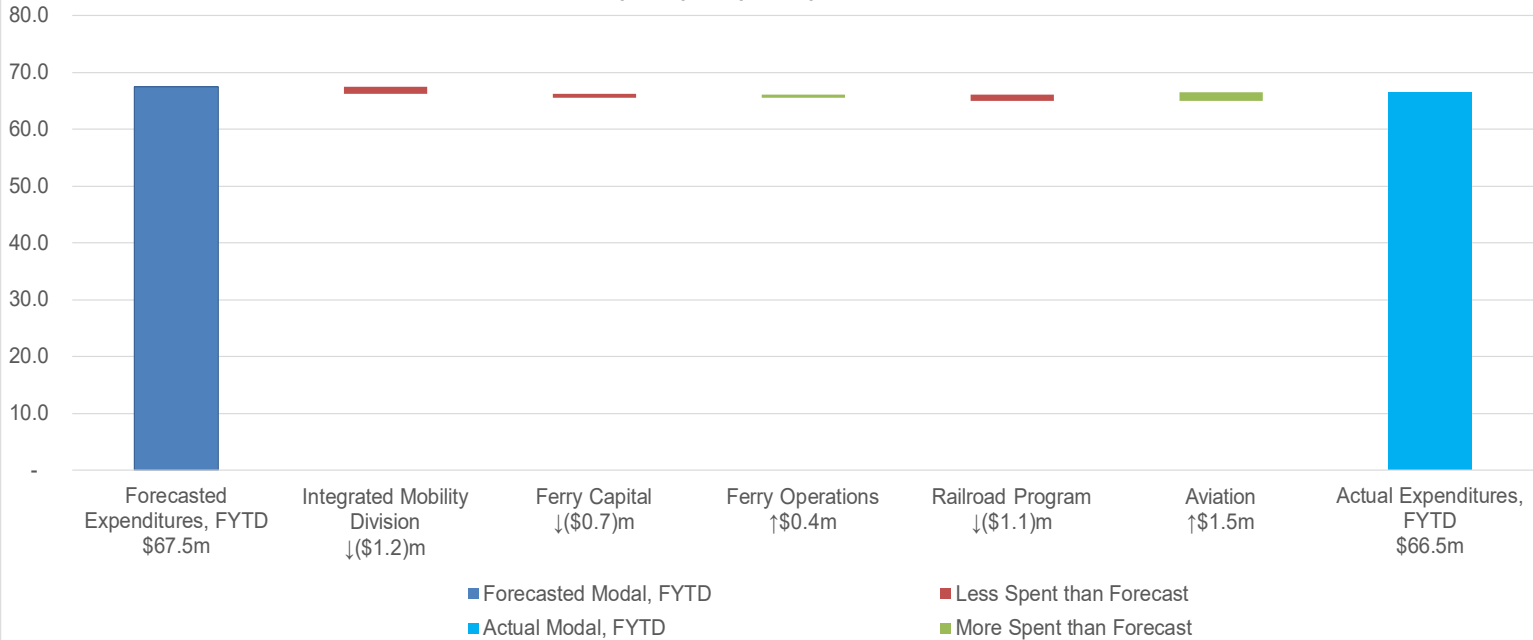
- Overall negative Modal variance to spend plan in September (4.4%).

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

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

Variance to Spend Plan - Fiscal Year to Date

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

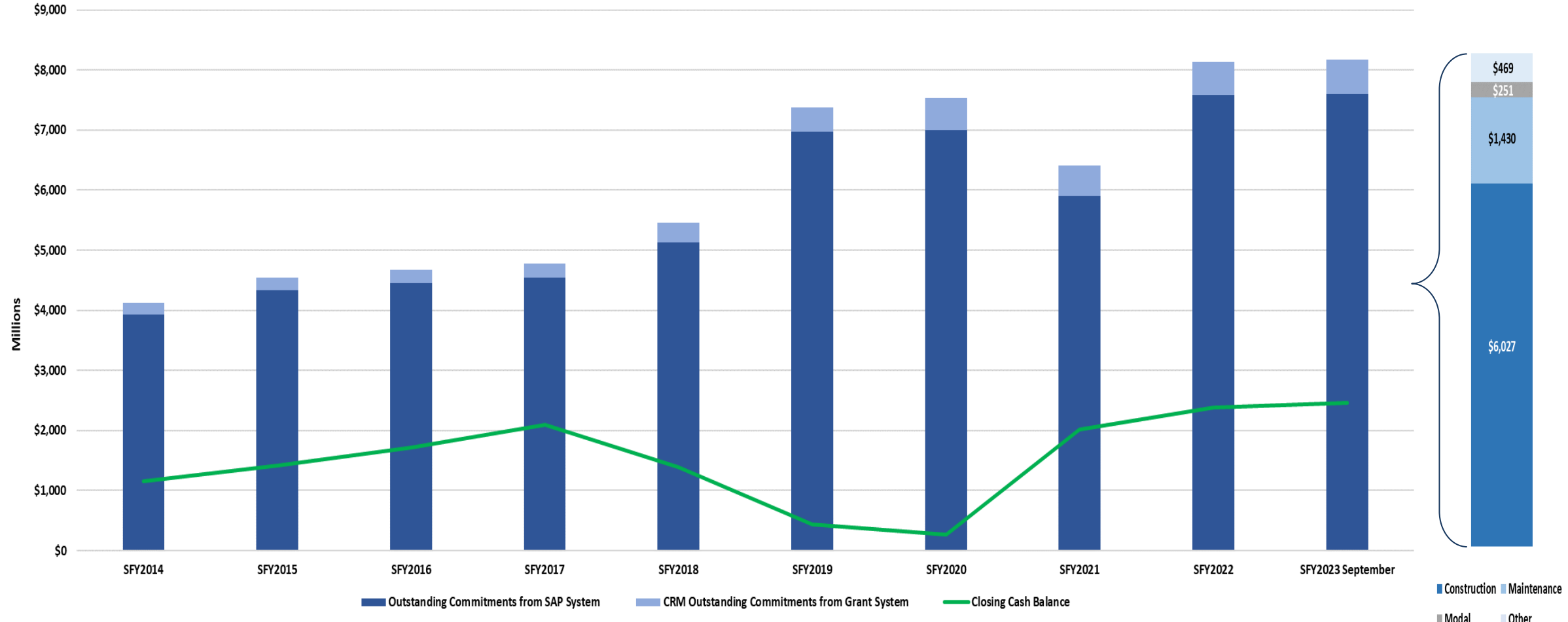


Commentary

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

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

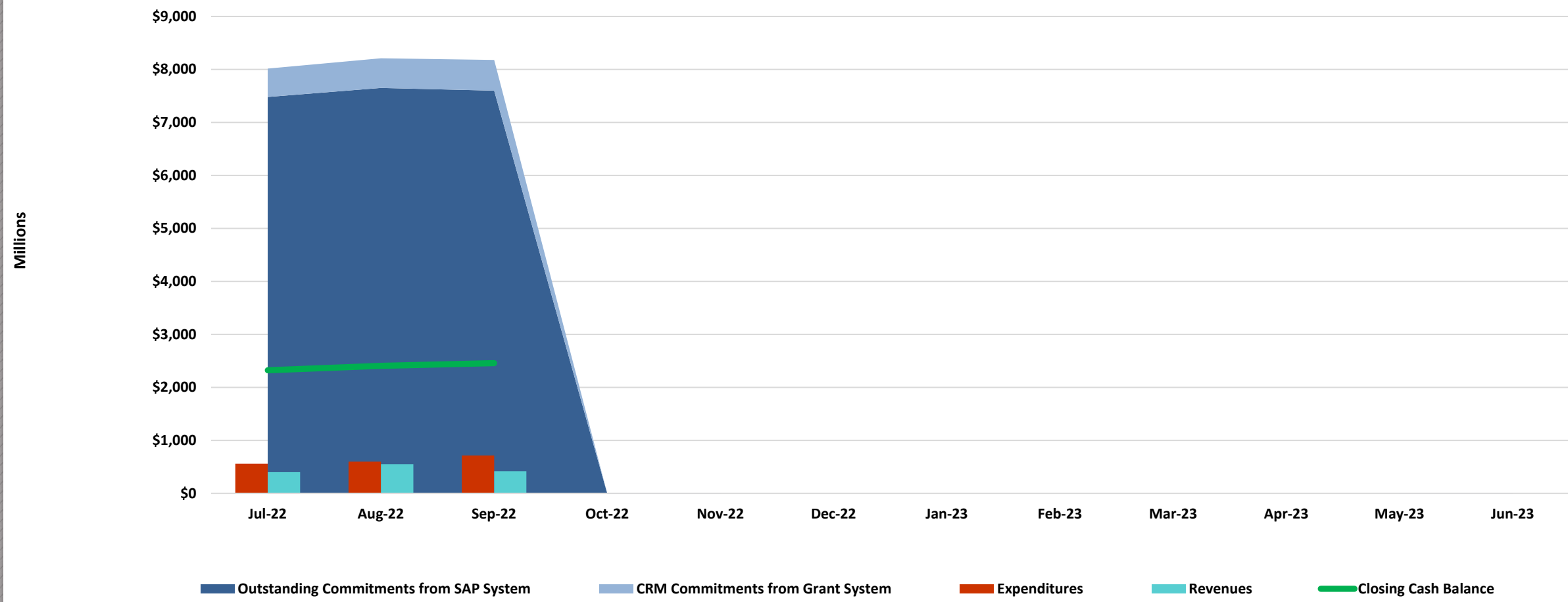
NCDOT Outstanding Commitments & Closing Cash Balances by State Fiscal Year



Percentage of Outstanding Commitments by Year

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

NCDOT Outstanding Commitments & Closing Cash Balances by Month



Cash Reporting

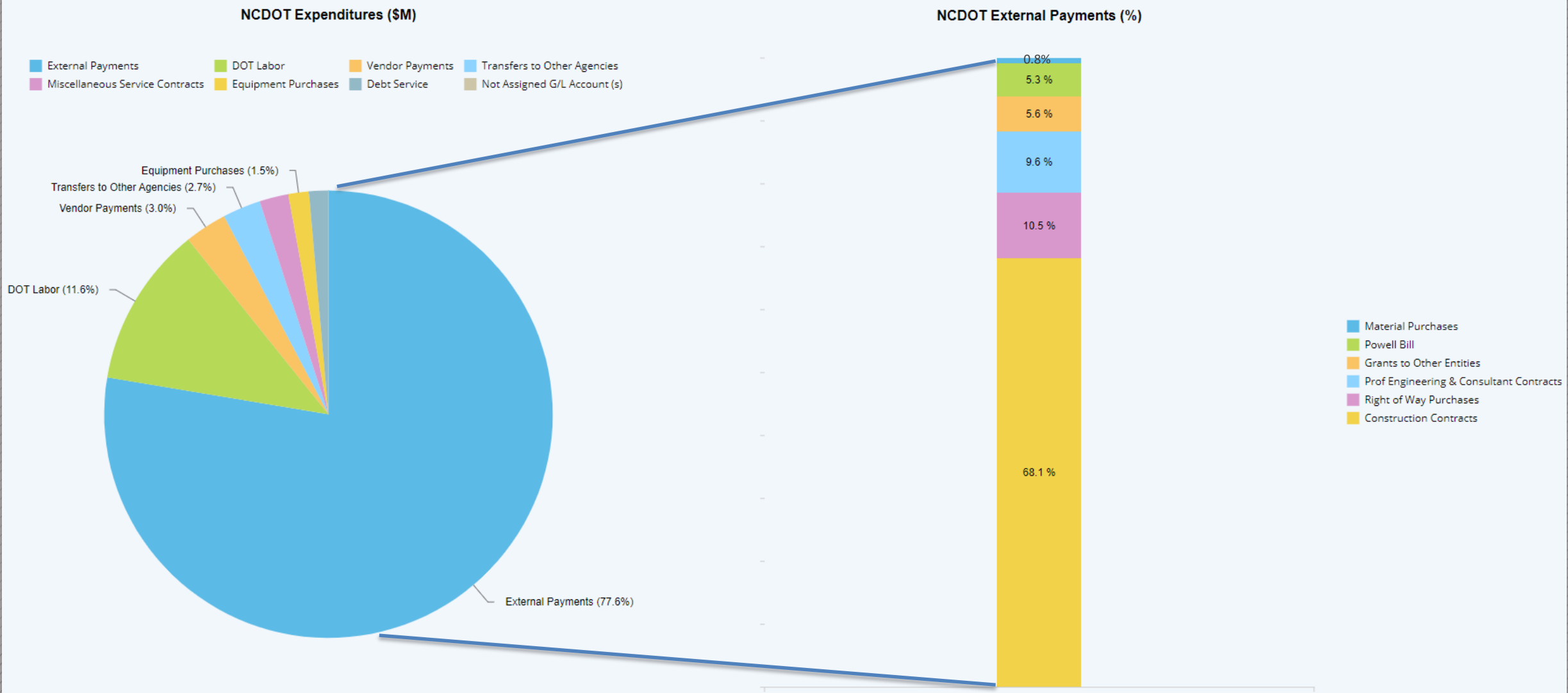
Joint Legislative Transportation Oversight Committee

September 2022 – Reporting Required

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

NCDOT Expenditures

SFY2023 as of September 30, 2022



Highway Fund Programs

2022-23

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

Highway Fund Programs

Carry Forward Authority

2022-23

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

G.S. 136-16.10

Unexpended Allotments

Unallotted Appropriations

=+F+G+H+I

APPROVED 10/5/22

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

Highway Fund Programs

2022-23

Carry Forward Authority												APPROVED 10/5/22									
		G.S. 136-44.2 (f1) (1-4)	G.S. 136-16.10	Unexpended Allotments		Unallotted Appropriations		=+F+G+H+I													
SL 2022-74	SL 2021-180	Credit Balance	FY22 Overdrafts	Accounted By FY23				Carry Forward	FY23 Cashflow	FY24	Net FY23	Federal	State	Federal	Total	State & Other	Federal	Total Spent	Difference	Diff.	
Budget	Section 3.2	Legislation	Approp Authority		State	Other	State	Other	Authority	Payback	Cashflow	Appropriations	Forward	Spend Plan	Spend Plan	Spend Plan	thru 9/30/22	thru 9/30/22	thru 9/30/22	\$	%
150,000					296,535		-		296,535			446,535	-	150,000		150,000			-	(150,000)	-100%
158,000									-			158,000	-	158,000		158,000	-		-	(158,000)	-100%
500,000					2,706,769	-	-	-	2,706,769			3,206,769	-	500,000		500,000			-	(500,000)	-100%
8,862,833									-			8,862,833	-	8,862,833		8,862,833	2,215,708.00		2,215,708.00	(6,647,125)	-75%
(581,441)									-			(581,441)	-	(581,441)		(581,441)			-	581,441	-100%
6,896,387									-			6,896,387	-	6,896,387		6,896,387			-	(6,896,387)	-100%
556,074									-			556,074	-	556,074		556,074			-	(556,074)	-100%
26,710,425									-			26,710,425	-	26,710,425		26,710,425			-	(26,710,425)	-100%
6,062,824									-			6,062,824	-	6,062,824		6,062,824			-	(6,062,824)	-100%
-									-			-	-	-		-			-	-	
8,800,548									-			8,800,548	-	8,800,548		8,800,548			-	(8,800,548)	-100%
\$ 58,115,650	\$ -	-	-		3,003,304	-	-	-	3,003,304	-	-	61,118,954	-	\$ 58,115,650	\$ -	\$ 58,115,650	2,215,708.00	-	2,215,708.00	\$ (55,899,942)	-96%
2,874,423,286	-	(1,159,141)	(75,663,707)		1,920,099,090	408,474,396	136,849,509	87,121,755	2,552,544,750	(670,557,633)	542,320,695	5,086,908,249	303,677,483	3,348,442,344	163,184,578	3,511,626,922	732,362,019.93	27,756,308.34	760,118,328.27	- (2,616,080,324)	
10,409,756			(31,558)		46,342,543	-	344,809	-	46,687,351			57,065,550		3,543,972		3,543,972	917,653.71		917,653.71	(d) (2,626,318)	-74%
109,834,972					-	-	-	-	-			109,834,972		109,834,972		109,834,972					
\$ 2,994,668,014	\$ -	\$ (1,159,141)	\$ (75,695,265)	\$ 1,966,441,633	\$ 408,474,396	\$ 137,194,317	\$ 87,121,755	\$ 2,599,232,101	\$ (670,557,633)	\$ 542,320,695	\$ 5,143,973,799	\$ 303,677,483	\$ 3,461,821,288	\$ 163,184,578	\$ 3,625,005,866	733,279,673.64	27,756,308.34	761,035,981.98	\$ (2,728,541,614)		

Trust Fund Programs
2022-23

Trust Fund Programs 2022-23	G.S.136-186 (f)											Net FY23	Federal Carry			Total										
	SL 2022-74		Credit Balance	FY22 Overdrafts Accounted By FY23	Unexpended Allotments		Unallotted Appropriations		Carry Forward	FY23 Cashflow	FY24						State	Federal	State & Other Total Spent	Federal Total Spent	Total Spent	Difference	Difference			
	Budget	Legislation	Approp Authority	State	Other	State	Other	Authority	Payback	Cashflow	Appropriations						Forward	Spend Plan	Spend Plan	Spend Plan	thru 9/30/22	thru 9/30/22	thru 9/30/22	\$	%	
	Program Administration	\$ 39,433,938		-			-		-								39,433,938	-	\$ 37,900,919		37,900,919	7,953,990.38		7,953,990.38	\$ (29,946,929)	-79%
	Bond Redemption	52,290,000		-					-								52,290,000	-	67,824,474		67,824,474	-		-	(67,824,474)	-100%
Bond Interest	40,757,650		-					-			40,757,650	-	53,618,178		53,618,178	-		-	(53,618,178)	-100%						
Turnpike Authority	49,000,000		-			-		-			49,000,000	-	49,000,000		49,000,000	12,250,000.00		12,250,000.00	(36,750,000)	-75%						
State Ports Authority	45,000,000		-					-			45,000,000	-	45,000,000		45,000,000	11,250,000.00		11,250,000.00	(33,750,000)	-75%						
FHWA State Match	5,104,440		-	34,152,049	-	13,154,890	-	47,306,939			52,411,379	-	5,104,440		5,104,440	6,478,029.90	(i)	1,373,590	27%							
Transfer to Visitor Center	640,000		-					-			640,000	-	640,000		640,000	-		-	(640,000)	-100%						
Strategic Prioritization & Other Capital Projects	1,603,273,972	(250,000)	(70,728,890)	4,285,313,578	3,529,038,253	187,914,327	4,508,782,817	12,511,048,975	(1,104,511,093)	620,812,428	13,559,645,393	7,946,801,184	1,603,273,972	2,199,600,546	3,802,874,518	506,535,868.30	424,422,991.93	930,958,860.23	(e)	(2,871,915,657)	-76%					
N.C.G.S 147-86.15 Cash Management															205,000,000	205,000,000	120,000,000.00		120,000,000.00	(85,000,000)	-41%					
STIP/Right of Way Acquisition Transfer														(109,834,972)		(109,834,972)										
NCTA Loan														100,000,000		100,000,000										
Total Trust Fund Appropriation	\$ 1,835,500,000	\$ -	\$ (250,000)	\$ (70,728,890)	\$ 4,319,465,627	\$ 3,529,038,253	\$ 201,069,217	\$ 4,508,782,817	\$ 12,558,355,914	\$ (1,104,511,093)	\$ 620,812,428	\$ 13,839,178,360	\$ 7,946,801,184	\$ 2,057,527,011	\$ 2,199,600,546	\$ 4,257,127,557	664,467,888.58	424,422,991.93	1,088,890,880.51		\$ (3,093,071,648)					
	\$ 4,830,168,014	\$ -	\$ (1,409,141)	\$ (146,424,154)	\$ 6,285,907,260	\$ 3,937,512,649	\$ 338,263,535	\$ 4,595,904,571	\$ 15,157,588,015	\$ (1,775,068,726)	\$ 1,163,133,123	\$ 18,983,152,159	\$ 8,250,478,667	\$ 5,519,348,299	\$ 2,362,785,124	\$ 7,882,133,422	1,397,747,562.22	452,179,300.27	1,849,926,862.49		\$ (5,821,613,262)					

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

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

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

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

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

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

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

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

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

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

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

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

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

SFY 23 Approved Spend Plan Versus Adjusted Spend Plan

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

SFY 23 Approved Spend Plan Versus Adjusted Spend Plan

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

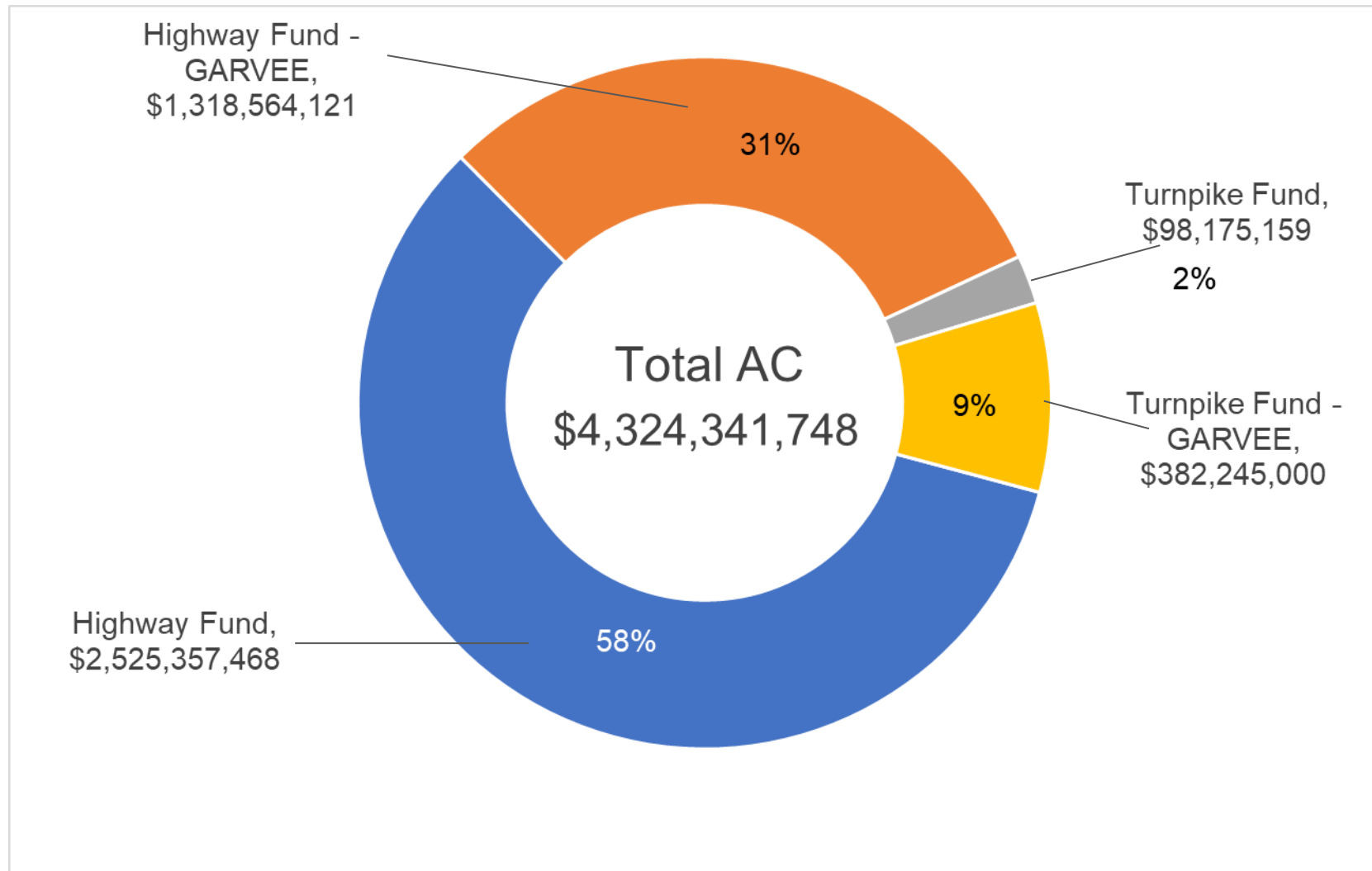
Advance Construction

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

* Includes bridge replacement balance

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

Advance Construction Balance as of September 2022



Advance Construction

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

* Includes bridge replacement balance

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

Questions?

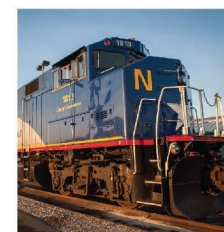
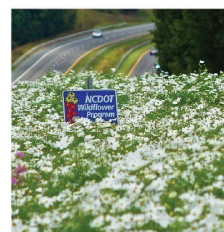
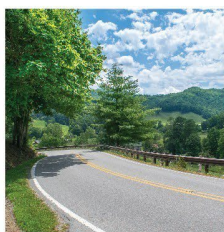


Stephanie King
Chief Financial Officer

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NORTH CAROLINA Department of Transportation



Spend Plan Policy Changes Board of Transportation Finance Committee Meeting

Stephanie King, Chief Financial Officer

November 2, 2022

Spend Plan Policy Proposed Changes

- Definition Changes:

~~“Department” – shall mean the North Carolina Department of Transportation~~

~~“BOT” – shall mean The Board of Transportation with members as defined in G.S. §143B-350 of the North Carolina General Statutes. shall mean Board of Transportation~~

~~“Department” – shall mean the North Carolina Department of Transportation.~~

~~“Finance” – shall mean the Finance Committee of the BOT.BOT~~

~~“FHWA” – shall mean the Federal Highway Administration.~~

~~“FPC” – shall mean the Financial Planning Committee.~~

~~“NCDOT” – shall mean the North Carolina Department of Transportation.~~

~~“OSBM” – shall mean the Office of State Budget & Management.~~

~~“FHWA” – shall mean Federal Highway Administration.~~

Spend Plan Policy Proposed Changes

- **Formatting Changes:**

BOT oversight and Spend Plan approval include the following:

Review and act on each Spend Plan developed by NCDOT. Ensure the approved Spend Plan is fiscally responsible while accomplishing transportation goals across the State.

Either approve the Spend Plan or report any objections with specificity and reasons in writing to the FPC for action and then to the General Assembly and Fiscal Research.

Ensure NCDOT is operating within the approved Spend Plan. Any modification to the Spend Plan or expenditures outside the Spend Plan must be approved.

The Chief Financial Officer (CFO) and staff will update the FPC members on the status of the plan and areas of concern will be discussed, along with corrective actions identified. High alert items will be analyzed to include legislative impacts, revenue collections vs estimates, construction forecast updates, disaster cost, litigation, among others.

Spend Plan Policy Proposed Changes

- Language Changes: **The word “shared” replaced “presented”.**

Financial Management will work with business units to develop such plan based on their specific areas. The Draft Spend Plan will be assembled and shared to the FPC for detail review. The FPC will have representation from FHWA and OSBM. ~~After consensus is obtained it will be submitted for required approvals.~~

- Language Changes: **The word “may” replaced “will”.**

Oversight and Modifications

The Secretary of Transportation or designee if absent, may conduct monthly FPC meetings in which the Spend Plan will be reviewed comparing expenses against the target. FPC will investigate areas of concern immediately with the specific area and senior leadership.

Questions?



Stephanie King
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NORTH CAROLINA
Department of Transportation

Advance Construction

Leigh Wing, PE
STIP Eastern Region Manager

November 2, 2022

Connecting people, products and places safely and efficiently

Advance Construction (AC)

Definition:

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

Advantage:

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

Effective use of AC requires:

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

Traditional Funding vs. Advance Construction

Traditional Funding

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

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

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

Advance Construction

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

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

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

Advance Construction Workgroup

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

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

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

AC Control and Monitoring

Two types of AC are considered separately:

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

Constraints for GARVEE AC

First Constraint: The greater of the two following tests

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

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

Constraints for Non -GARVEE AC

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

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

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

First, calculate limit for threshold:

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

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

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

Second Constraint Test FFY 2023 NHPP Example

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

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

All Threshold Tests

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

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

Thank you!



NORTH CAROLINA

Department of Transportation



Federal Update

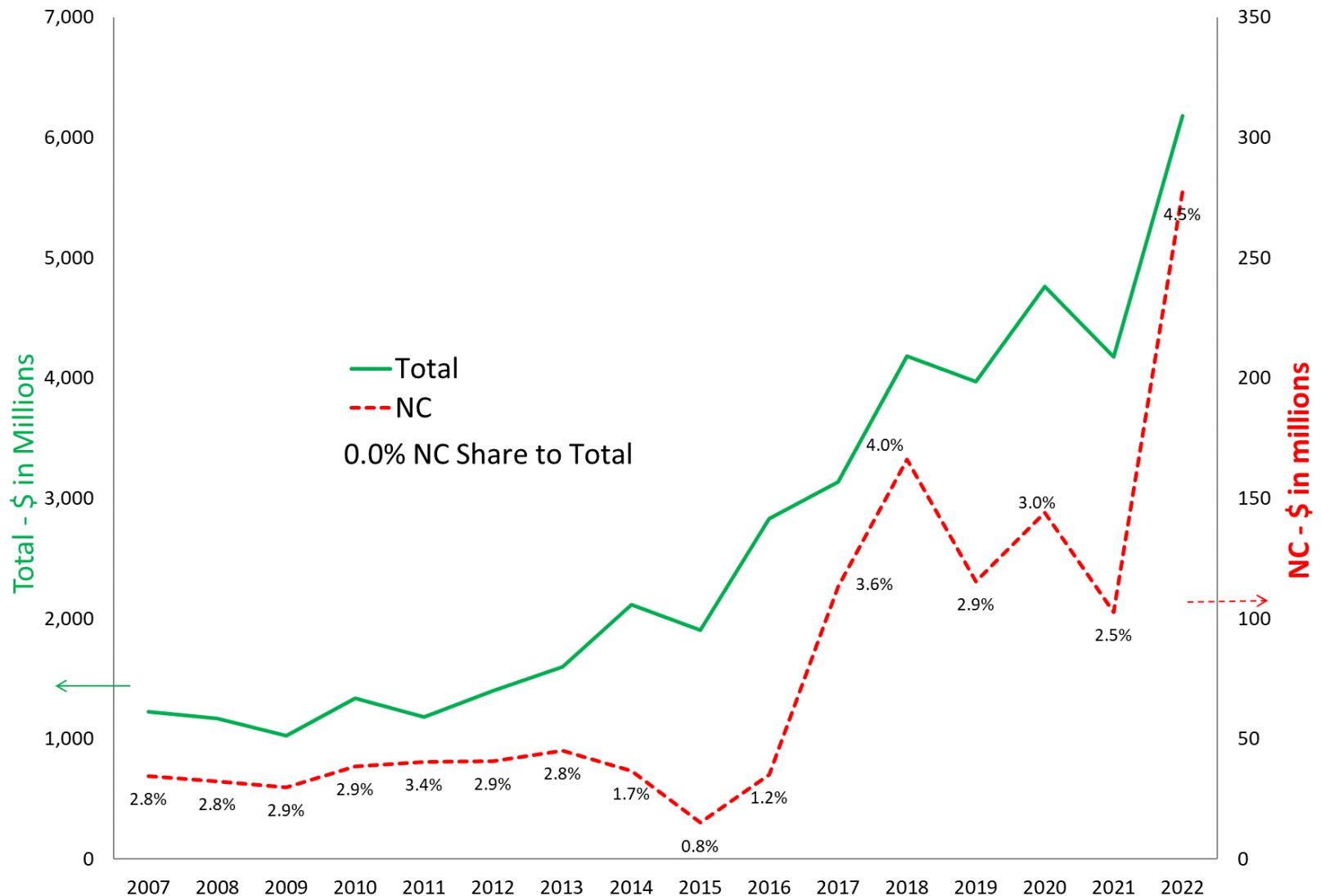
H. Tasaico, PE

11/2/2022

August Redistribution - Purpose

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

US and NC August Redistribution



FFY 2022 - Obligation Authority Comparison

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

Federal Funding - 2022

Continuing Appropriations Act, 2023

PL 117-180

FHWA Notice 10/20/2022

December 16, 2022 – 77 days (21.1%)

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

Apportionment	Total	NC

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

Obligation Authority	Total	NC
FFY 2022	???	
November 2-3, 2022		225 ???

IIJA Total

Redistribution of Fiscal Year 2022
August Redistribution



NORTH CAROLINA
Department of Transportation

Powell Bill Program – NCDOT Board of Transportation Finance Committee

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

November 2, 2022

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

NCDOT Board of Transportation Meeting Minutes

15 slides version

November 2-3, 2022

226

History of the Powell Bill Program

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



Total Appropriation: FY 2015 – 2022

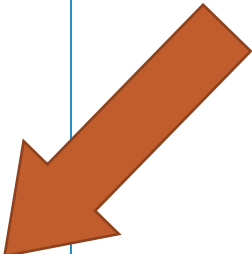
Fixed Appropriation from the State Highway Fund:

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

Legislation

Session Law 2021-180 (Senate Bill 105)

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

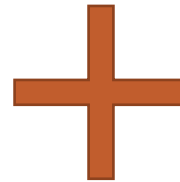


Allocation Formula* – NCGS 136-41.1(a)

Population



75 %



Certified Mileage



25 %

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

*The current formula of 75% / 25% was changed in statute in 1971.
NCDOT Board of Transportation Meeting Minutes

Status of 2022/2023 Distribution

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

2022/2023 Powell Bill Appropriation

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

Population (75%) &
Mileage (25%)

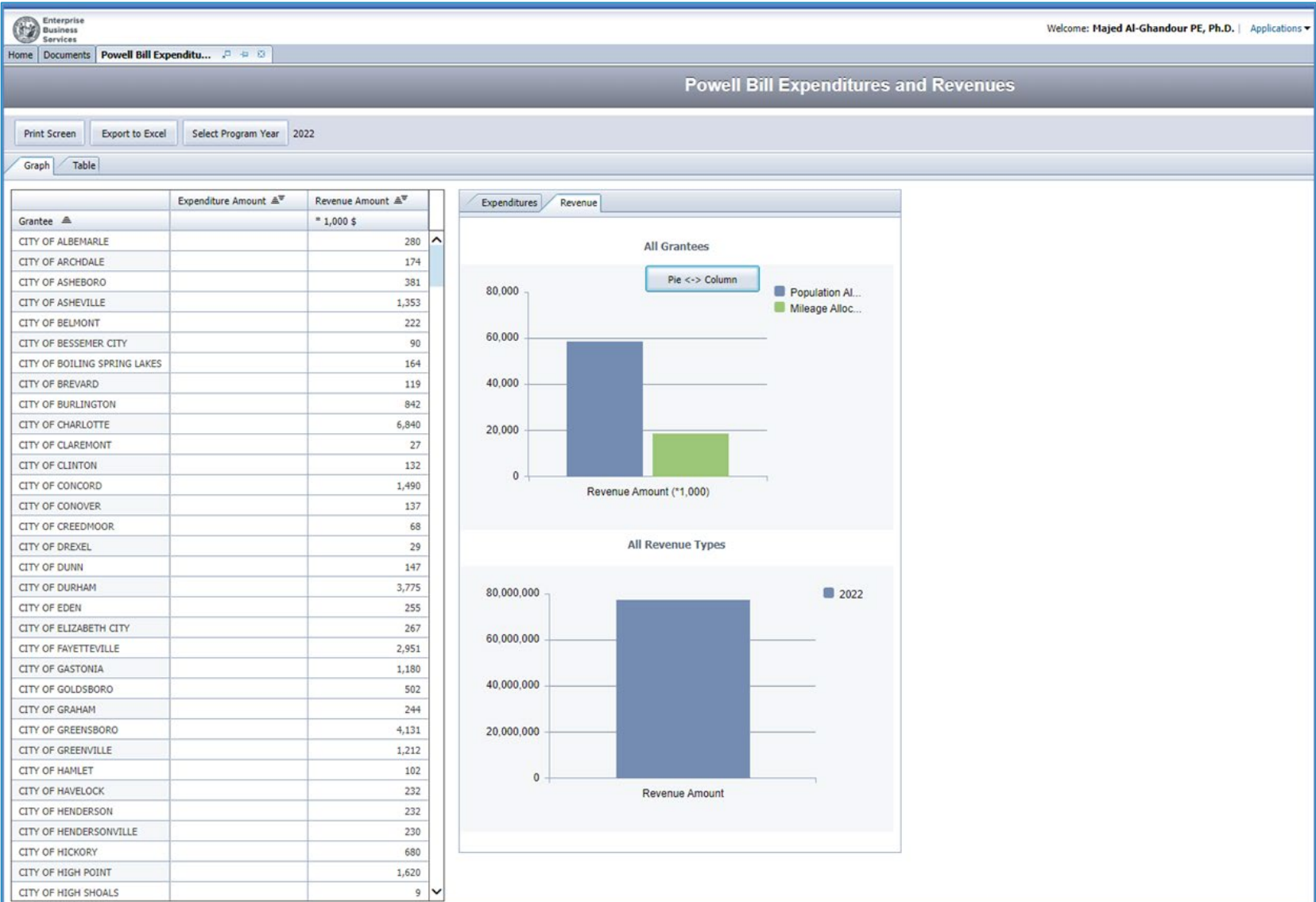
Largest and Smallest Recipients

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

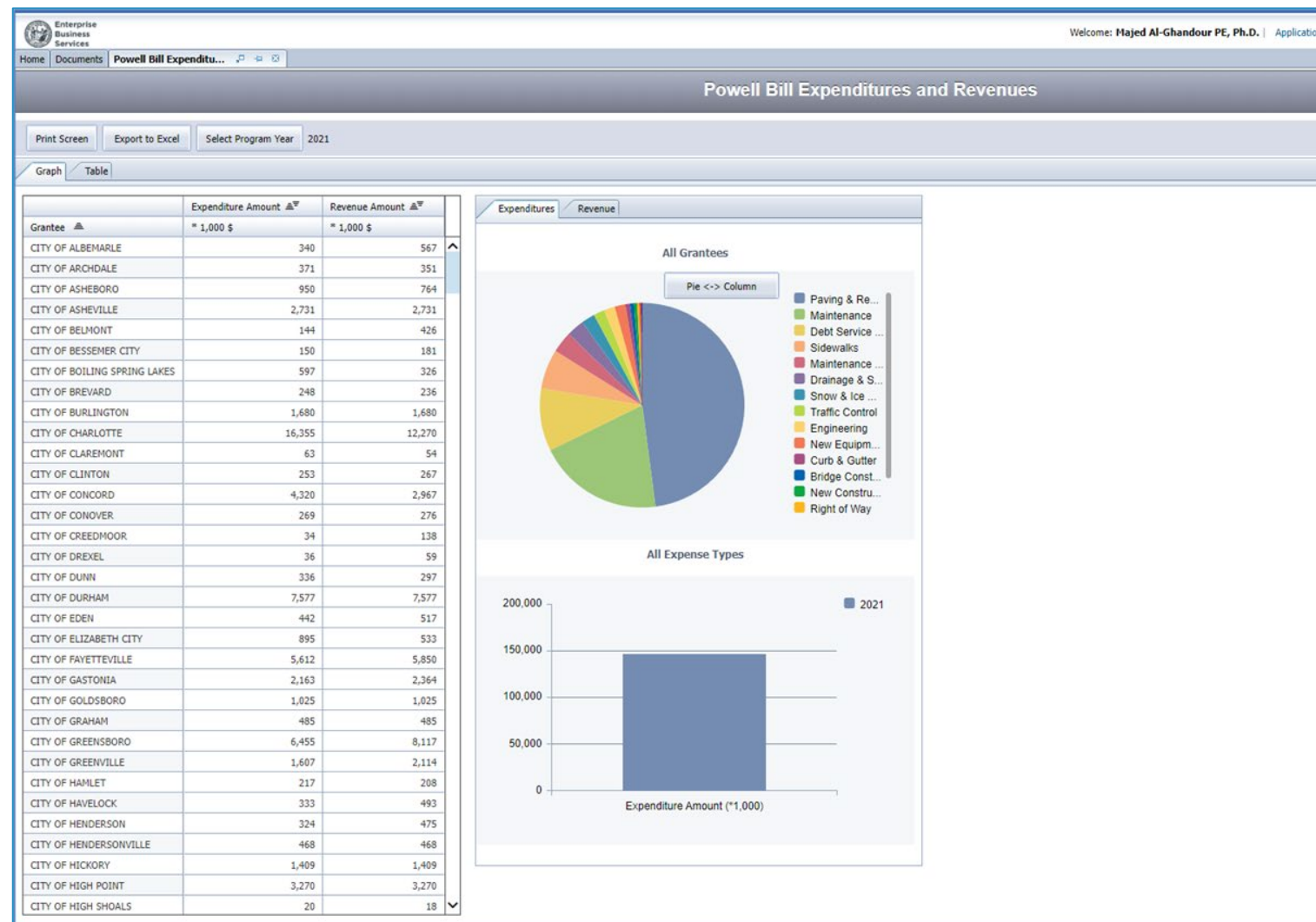
State Street - Aid Allocations to Municipalities
Powell Bill FY 2022/2023
508 Participating Municipalities

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

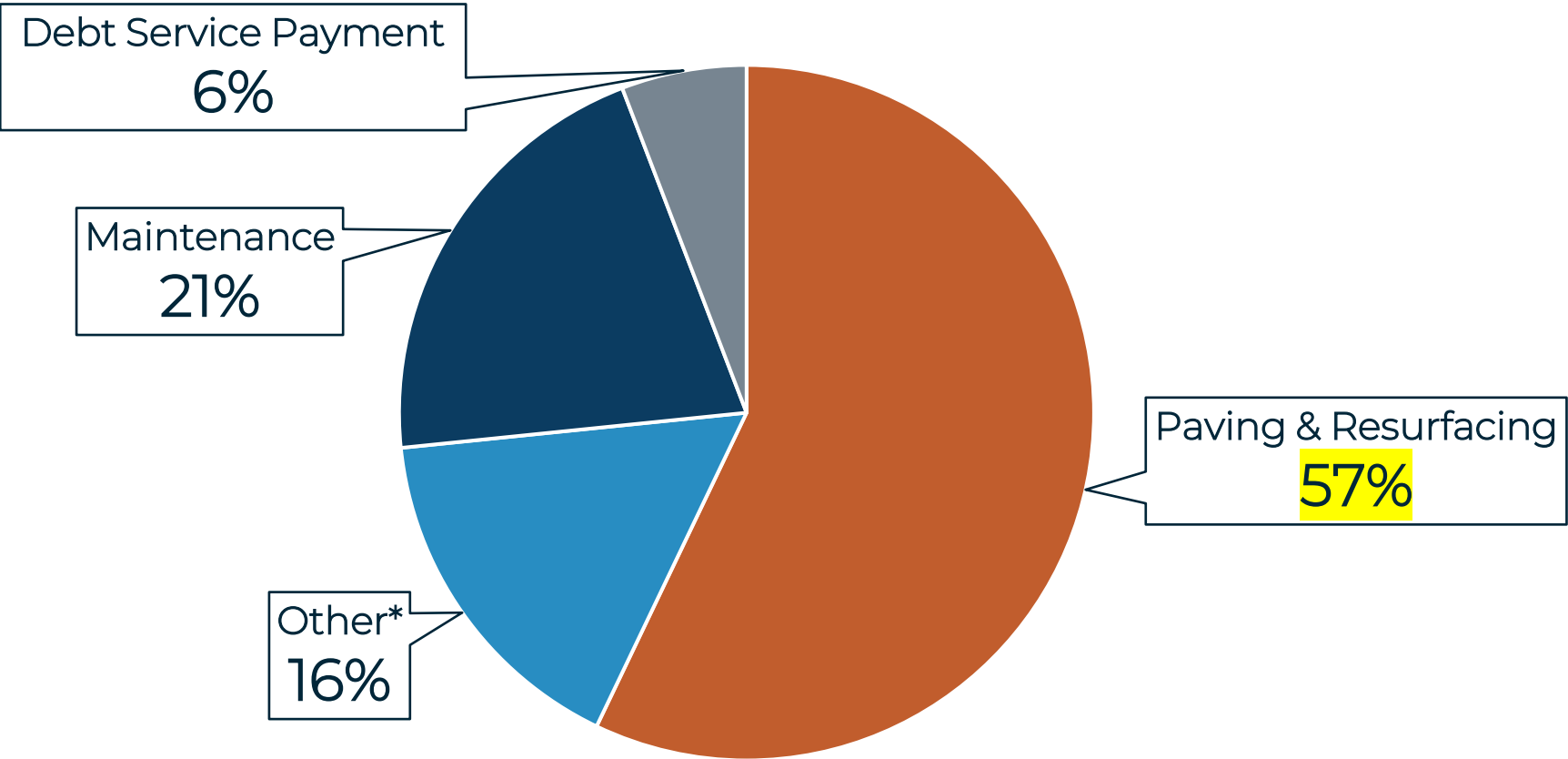
Dashboard: Revenues



Dashboard: Expenditures

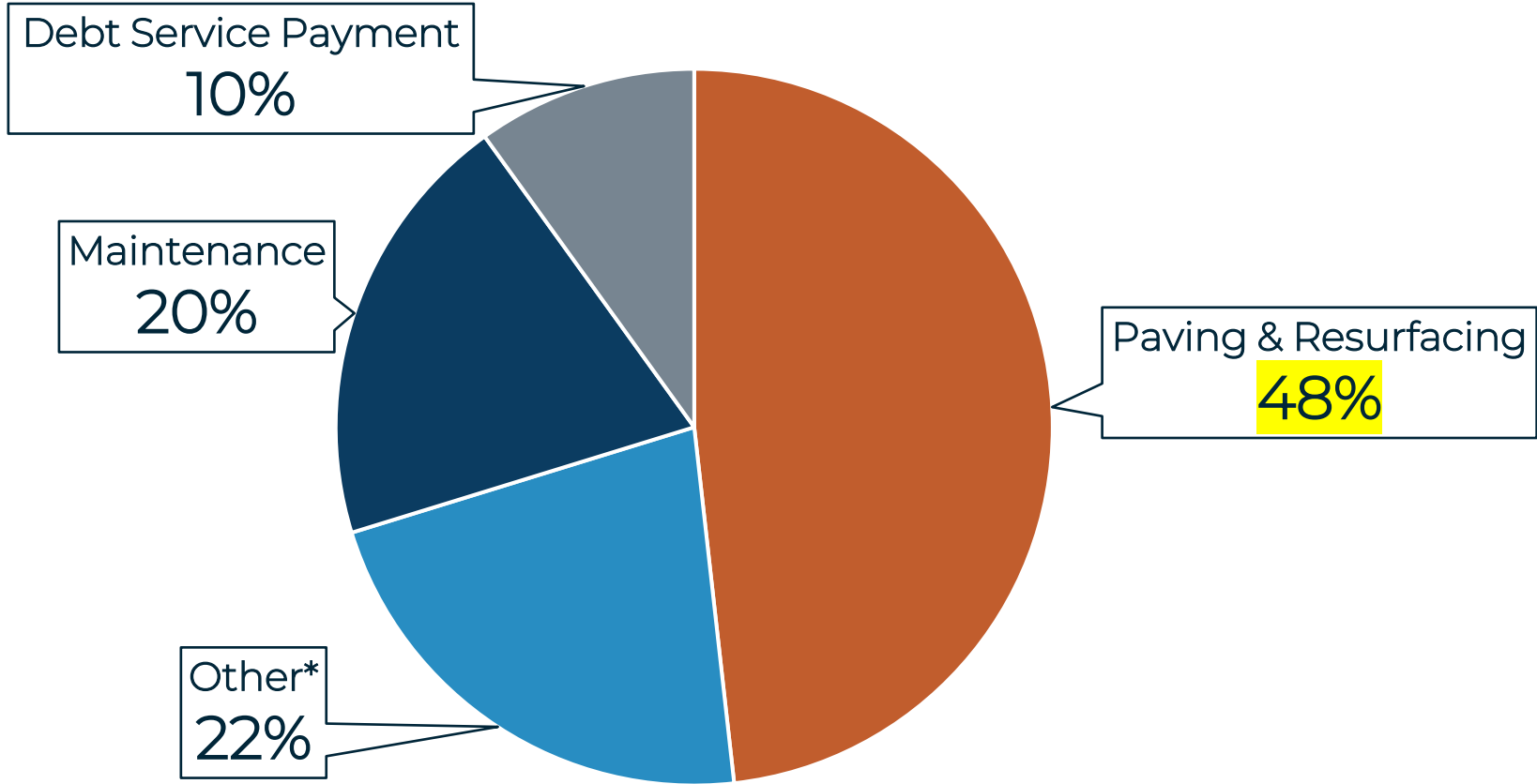


Powell Bill Expenditures for FY 2021



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

Powell Bill Expenditures for FY 2022



Powell Bill Expenditures for FY 2022 - Details

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

Sample Item P

Item P
Page 1

NCDOT November 2022 Board of Transportation Agenda

Municipal Street System Changes for the Powell Bill Program

Deletions from the State Highway System

Division	County	Municipality	Road	Termini	Length
12	Cleveland	Boiling Springs	SR 1165; James Lovelace Road	From 0.06 miles east of current end of maintenance to current end of maintenance	0.06
File Name: CLEVELAND_2022_11_M001					
7	Guilford	Greensboro	SR 4121; Gate City Boulevard	From I-40 west bound Ramp to SR 4239 (Patterson Street)	1.02
7	Guilford	Greensboro	SR 4240; Gate City Boulevard	From 4239 (Patterson Street) to Coliseum Boulevard	0.43
File Name: GUILFORD_2022_11_M001					
Total Miles =					1.51

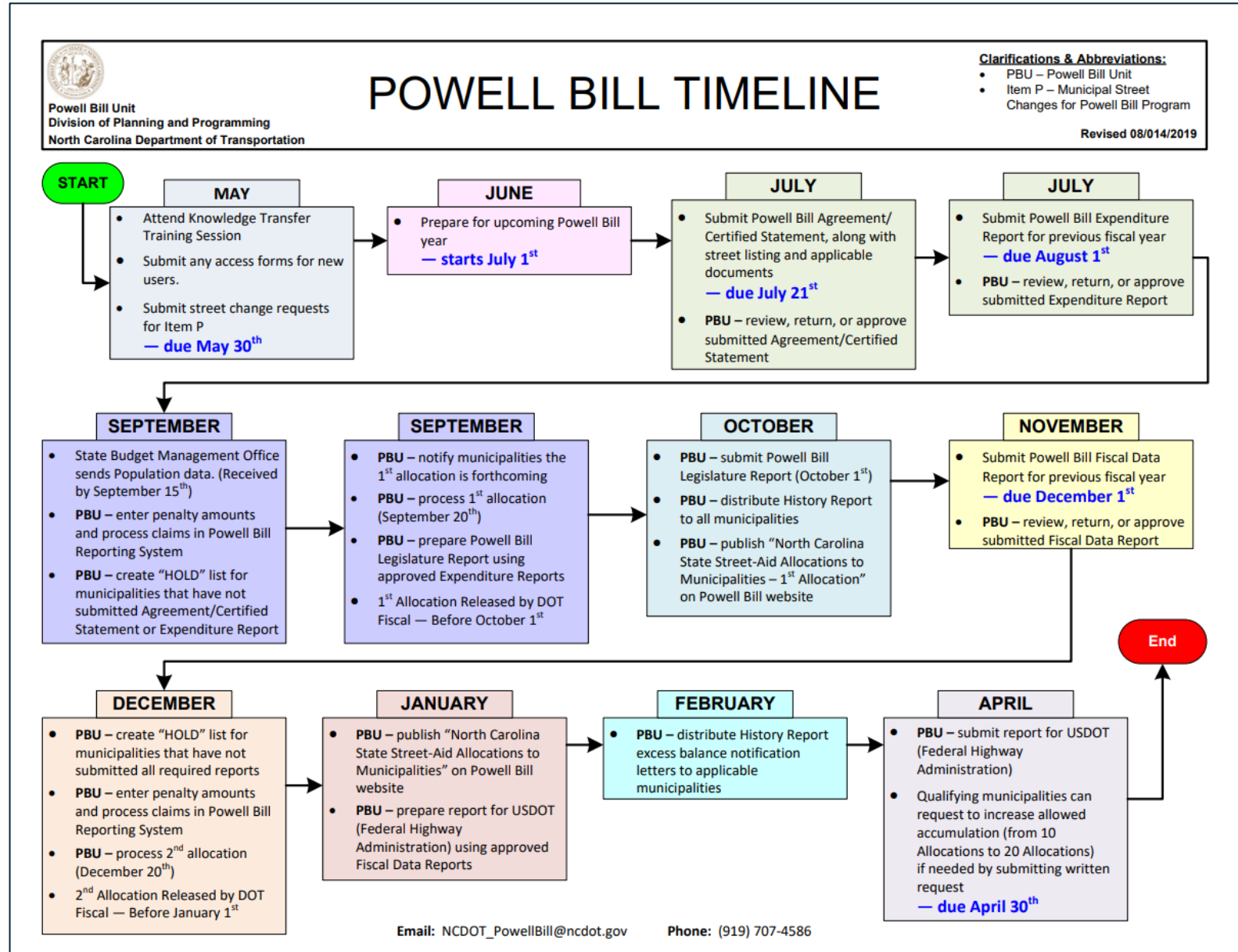
Additions to the State Highway System

Division	County	Municipality	Road	Termini	Length
10	Mecklenburg	Cornelius	Holiday Lane	From US 21 (Catawba Avenue) to Sterling Bay Lane	0.19
File Name: MECKLENBURG_2022_11_M001					
Total Miles =					0.19

NCDOT Board of Transportation Meeting Minutes

Thursday, November 3, 2022

November 2-3, 2022



Contact Us

Dr. Majed Al-Ghandour – Director Project Mgmt. & Powell Bill

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Molly Stevens – Powell Bill Coordinator

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919-707-4610

Jennie Bunton – Administrative Specialist

jgbunton@ncdot.gov

919-707-4620

 **Powell Bill Website:** <https://connect.ncdot.gov/municipalities/State-Street-Aid/>

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 NCDOTcommunications

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 ncdotcom

 ncdot_comm

Thank you!



INSPECTOR GENERAL COMMITTEE MEETING AGENDA

NOVEMBER 2, 2022
EXECUTIVE SUMMARY

STATUS OF OIG

OIG is making great progress but it will still take time to get us where we would like to be. We continue to build rapport with other state agencies, the Office of State Budget and Management, business units within NCDOT and the State Auditors Office along with other internal & external customers.

Staffing Updates:

Consultant, Unitality, Railroad & Turnpike (CURT) has two openings we are trying to fill. Interviews for one of the positions will be this week. All other units are staffed.

Engagements (audits) completed:

Internal audit completed the second portion of the *CARES Act Grant Funds* engagement for *Integrated Mobility Division (IMD)*. Findings and recommendations have been agreed upon with management and actions plans have begun. We are in the Planning stages for two new engagements: (1) Badge Access, and (2) P-cards.

AASHTO Internal Audit CPE training:

The Internal Audit staff along with the Inspector General were able to attend the *2022 AASHTO Committee on Internal & External Audit Meeting* held in Chicago, IL during the week of Sunday, August 21st through Thursday, August 25th. All received 23 hours of continuing professional education.

New Consultant with Single Audit:

August 11, 2022, OIG signed an agreement with an outside consultant to conduct the reviews of our Single Audits that OIG receives from the Local Government Commission. The consultant is determining any findings that relate to NCDOT and whether further follow up is warranted.

Action Items:

Audit Plan

OIG submitted the *Risk Based Audit Plan* to the Office of State Budget and Management meeting the September 30th, 2022 deadline. The audit plan was discussed with the Secretary Boyette and Chairman Perkins receiving both approvals.

SAMM's Tool

The *Self-Assessment Maturity Model (SAMM) Tool* was submitted to the Office of State Budget and Management meeting the September 30th, 2022 deadline. Last year a third party completed this. The SAMM's Tool is a very detailed self-evaluation of the internal office staff, policies & procedures and how you rate yourself on a scale of 1-5 with 5 being the highest and 3 being average. OIG's overall rating is 2.85 which shows progress but room for improvement. Other state agencies had similar ratings. The previous year's SAMMs Tool had NCDOT as a 2.60 rating. We increased our rating just a little to show improvement since we purchased the Auto Audit software and our internal audit being fully staffed.

Future Action Items for 2023

Charter Revision

OIG is in the process of rewriting our Audit Charter to better reflect our actual operations and office makeup. We plan to spell out in detail the various audit compartments within OIG: *Internal Audit, Investigations and Consultant, Utility, Railroad & Turnpike (CURT)*. All auditors within OIG are referenced as internal auditors, but each unit has its own unique audit universe and procedures. However, all units provide compliance and assurance to the department.



N.C. DEPARTMENT OF TRANSPORTATION Office of Civil Rights

OCR Update

Tunya Smith, Director, Office of Civil Rights

NCDOT Board of Transportation

November 2, 2022



Agenda

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

Oversight

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

Mission

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



Business Units

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



Compliance Units

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



Administration

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



Where We Started- May 2021

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

Where We Are – November 2022

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

Where We Are – November 2022

5. Automation and Technology

- **Technology**
 - **Service Now- EEO, Title VI and ADA**
 - **AASHTO Ware upgrade to include OCR**
 - **Online LOIS- Automation of Bid Submittals**
 - **Vendor Database Cleanup**
 - **Update of FHWA 1391/1392 reports**
 - **Performance Management Dashboard**
 - **Automation**
 - **Customer Relationship Management (CRM) Tool – making it more conducive to case management. Working with public engagement for use of text messaging as a marketing tool**
 - **Updates to the Uniform Report**
- ## 6. Economic and Equity Impact Study- NC State ITRE/NCREG
- **Conducting a State of Practice**
 - **Designing new approaches**
 - **Inventorying Data**
 - **GAP Analysis of KPI**

A vertical collage of images representing various aspects of North Carolina. The images are arranged in a vertical strip, separated by a blue and white diagonal line. The images include: two construction workers in hard hats and safety vests; a train; a cyclist; a bridge; a boat; a license plate; a bus; a road; and a couple smiling. The collage is set against a background of a blue sky and a red and white diagonal line.

-
- A vertical collage of images representing various aspects of North Carolina. The images are arranged in a vertical strip, separated by a blue and white diagonal line. The images include: two construction workers in hard hats and safety vests; a train; a cyclist; a bridge; a boat; a license plate; a bus; a road; and a couple smiling. The collage is set against a background of a blue sky and a red and white diagonal line.

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Business Opportunity Workforce Development (BOWD)

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

Business Opportunity Workforce Development (BOWD)

- **Policy and Legislation**

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

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

- **Small Business Enterprise Program**

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

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

- **Marketing and Communications**

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

Certification and Utilization

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

Certification and Utilization

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

Certification Using Online Portal

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

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

Certification and Utilization

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

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

Certification and Utilization

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

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

Equal Opportunity Contractor Compliance Program

Trends

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

Form FHWA- 1392 (Rev. 06-13)

PREVIOUS EDITIONS ARE OBSOLETE

Equal Opportunity Contractor Compliance Program Trends

FEDERAL-AID HIGHWAY CONSTRUCTION CONTRACTORS ANNUAL EEO REPORT

1. STATE	2. NUMBER OF PROJECTS	3. TOTAL DOLLAR VALUE	4. TOTAL WORKFORCE	1392
NORTH CAROLINA	178	\$5,992,016,365.83	6042	
7. WORKFORCE ON FEDERAL-AID AND CONSTRUCTION SITE(S) DURING LAST FULL PAY PERIOD ENDING IN JULY 2022				

JOB CATEGORIES	TABLE A																		TABLE B			
	TOTAL EMPLOYED		TOTAL RACIAL / ETHNIC MINORITY		BLACK or AFRICAN AMERICAN		HISPANIC or LATINO		AMERICAN INDIAN or ALASKA NATIVE		ASIAN		NATIVE HAWAIIAN or OTHER PACIFIC ISLANDER		TWO OR MORE RACES		WHITE		APPRENTICES		ON THE JOB TRAINEES	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Officials	164	42	36	15	19	10	14	2	1	2	2	0	0	0	0	1	128	27	0	1	1	0
Supervisors	362	17	113	5	59	1	48	3	2	1	1	0	1	0	2	0	249	12	22	0	0	0
Foremen/Women	653	11	301	5	80	5	206	0	11	0	1	0	0	0	3	0	352	6	0	1	0	0
Clerical	50	51	14	8	4	4	8	2	1	2	1	0	0	0	0	0	36	43	0	0	0	0
Equipment Operators	1111	46	558	18	254	10	271	4	17	2	2	1	2	0	12	1	553	28	0	0	2	0
Mechanics	44	2	8	0	4	0	4	0	0	0	0	0	0	0	0	0	36	2	0	0	0	0
Truck Drivers	812	104	458	74	382	70	65	3	5	1	1	0	1	0	4	0	354	30	0	0	1	2
Iron Workers/Welders	94	1	83	0	9	0	59	0	15	0	0	0	0	0	0	0	11	1	0	0	0	0
Carpenters	296	1	269	1	4	0	247	1	8	0	1	0	0	0	9	0	27	0	0	0	0	0
Cement Masons	204	0	198	0	28	0	170	0	0	0	0	0	0	0	0	0	6	0	2	0	0	0
Electricians	30	0	5	0	2	0	0	0	1	0	0	0	0	0	2	0	25	0	9	0	0	0
Pipe Fitters/Plumbers	60	2	45	2	17	0	23	2	1	0	2	0	0	0	2	0	15	0	0	0	0	0
Painters	9	0	8	0	2	0	6	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
Laborers, Semi-skilled	859	27	561	10	156	5	378	5	17	0	0	0	1	0	9	0	298	17	44	0	0	0
Laborers/Unskilled	957	33	634	16	208	9	413	7	3	0	0	0	0	0	10	0	323	17	0	0	1	0
Total	5705	337	3291	154	1228	114	1912	29	82	8	11	1	5	0	53	2	2414	183	78	2	5	2

TABLE C (Table B data by racial status)																						
ON THE JOB TRAINEES - TABLE C	38	20	31	12	11	11	16	1	0	0	0	0	0	0	4	0	7	8				
APPRENTICES - TABLE C	79	6	36	3	34	0	0	0	1	1	0	0	0	0	1	2	43	3				

8. PREPARED BY: NCDOT/OCR Contractor Compliance Unit	9. DATE	10. REVIEWED BY:	11. DATE
DocuSigned by: <i>Benny E. Sloan Jr.</i> Form FHWA-1392 (Rev.06-13)	10/21/2022	<i>Tanya Smith</i> Tanya Smith, P.E. NCDOT/OCR Compliance	10/21/2022

PREVIOUS EDITIONS ARE OBSOLETE

Equal Opportunity Contractor Compliance Program Trends

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

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

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

On-the-Job Training

- **OJT Program**

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

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

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

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

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

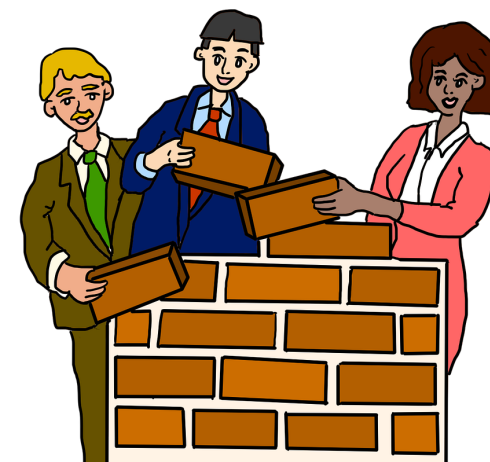
On-the-Job Training

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



Workforce Development

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



Equal Employment Opportunity

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

1st and 2nd Quarter Progress Towards Goals

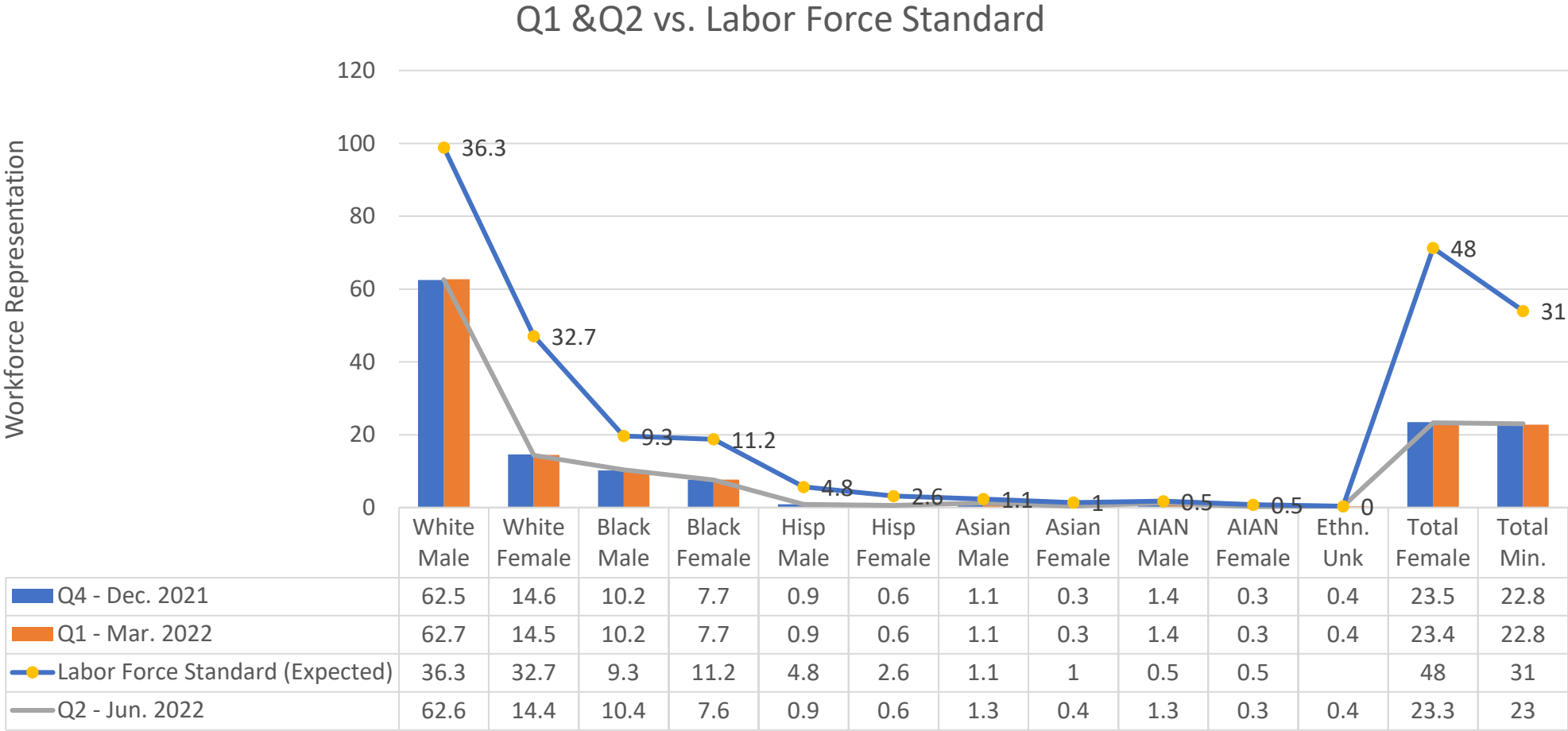
EEO Category	White Male	White Fem	Black Male	Black Fem	Hisp Male	Hisp Fem	Asian Male	Asian Fem	AIAN Male	AIAN Fem	Ethn Unk	Total	Total Fem	Total Mnrt	Disab	Vets
Overall Totals of Progress Towards Goals																
Labor Force Standard Difference 03/31/2022	1,955	-1,254	-1	-170	-460	-144	-3	-48	68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

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

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

- [illegible]

Workforce Representation Trends



ADA/Title VI and Environmental Justice

- **Title VI**

- Title VI required training assigned to all NCDOT employees through LMS (85% completion rate)
- Completed 36 compliance program or plan reviews for NCDOT business units and subrecipients
- Hired an Environmental Justice Policy Advisor (May 2022) to coordinate NCDOT Environmental Justice efforts

- **Environmental Justice**

- Established advisory relationships with transportation planning division and SPOT office P7 workgroup (ongoing)
- Partnered with development of the NEVI plan and ongoing implementation efforts to prioritize equitable outcomes.

- **ADA**

- EEO/ ADA- COVID Response: Developed process on Religious accommodations. As a result, the ADA unit processed 126 accommodation requests for NCDOT employees between July 2021 and June 2022. This is a 400% increase from the previous high of 25 cases processed.
- The ADA unit worked with the Division of Highways to ensure that the 14 divisions had completed GIS based inventories of all curb ramps statewide
- The ADA unit worked with the Roadside Environmental unit to complete an ADA assessment of all NC rest areas and welcome centers.

Where We Are Going- 2023

Next Steps

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

Enhanced Marketing and Communications

Where We Are Going- 2023

Next Steps

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



QUESTIONS?

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



NORTH CAROLINA
Department of Transportation

SPOT November BOT Update

Strategic Prioritization Office of Transportation (SPOT)

November 2, 2022

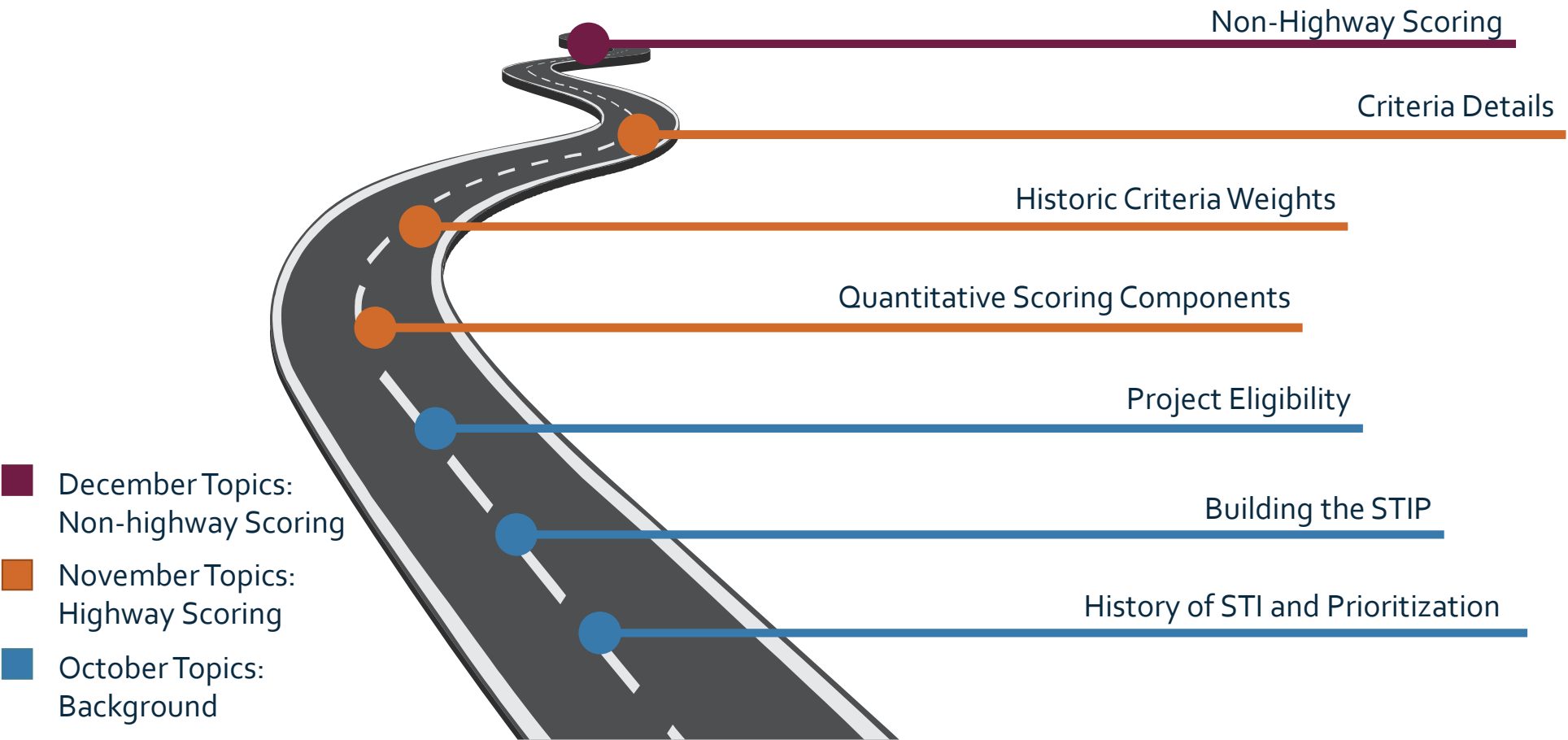
Today's Topics

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



Roadmap of Topics

Road Map of Upcoming Topics



Workgroup Update

Workgroup Update

Recent and Upcoming Activities

Recent Activities:

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

Upcoming Activities:

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



Workgroup Update

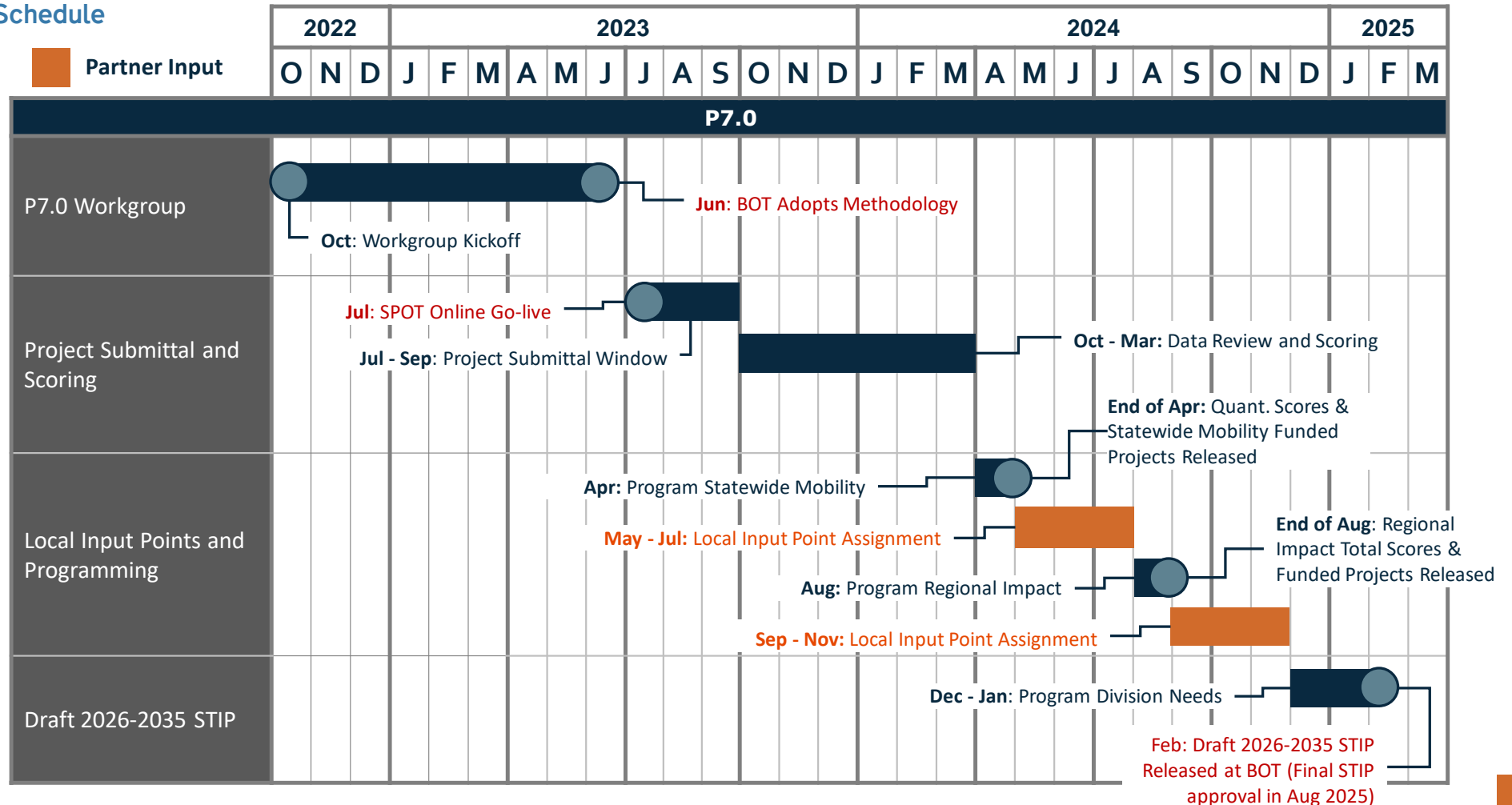
Consensus Points

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

Workgroup Update

Updated October 19, 2022

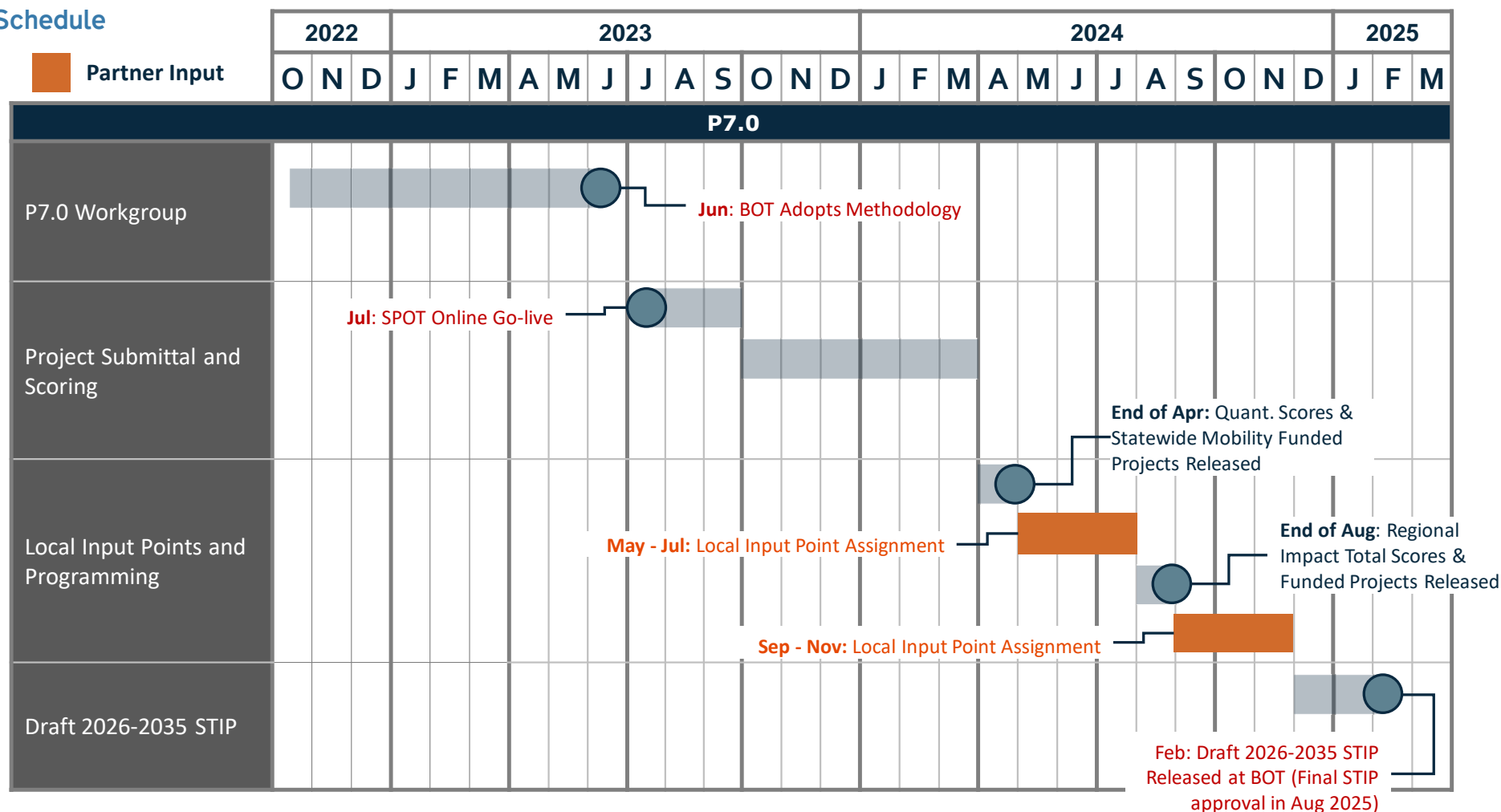
P7 Schedule



Workgroup Update

Updated October 19, 2022

P7 Schedule



Workgroup Update

Tentative Meeting Topics

November 9

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

November 30

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

December 13

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

January 12

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

Quantitative Scoring Components

Key Definitions

Criteria – Names of scoring components identified in law.

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

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

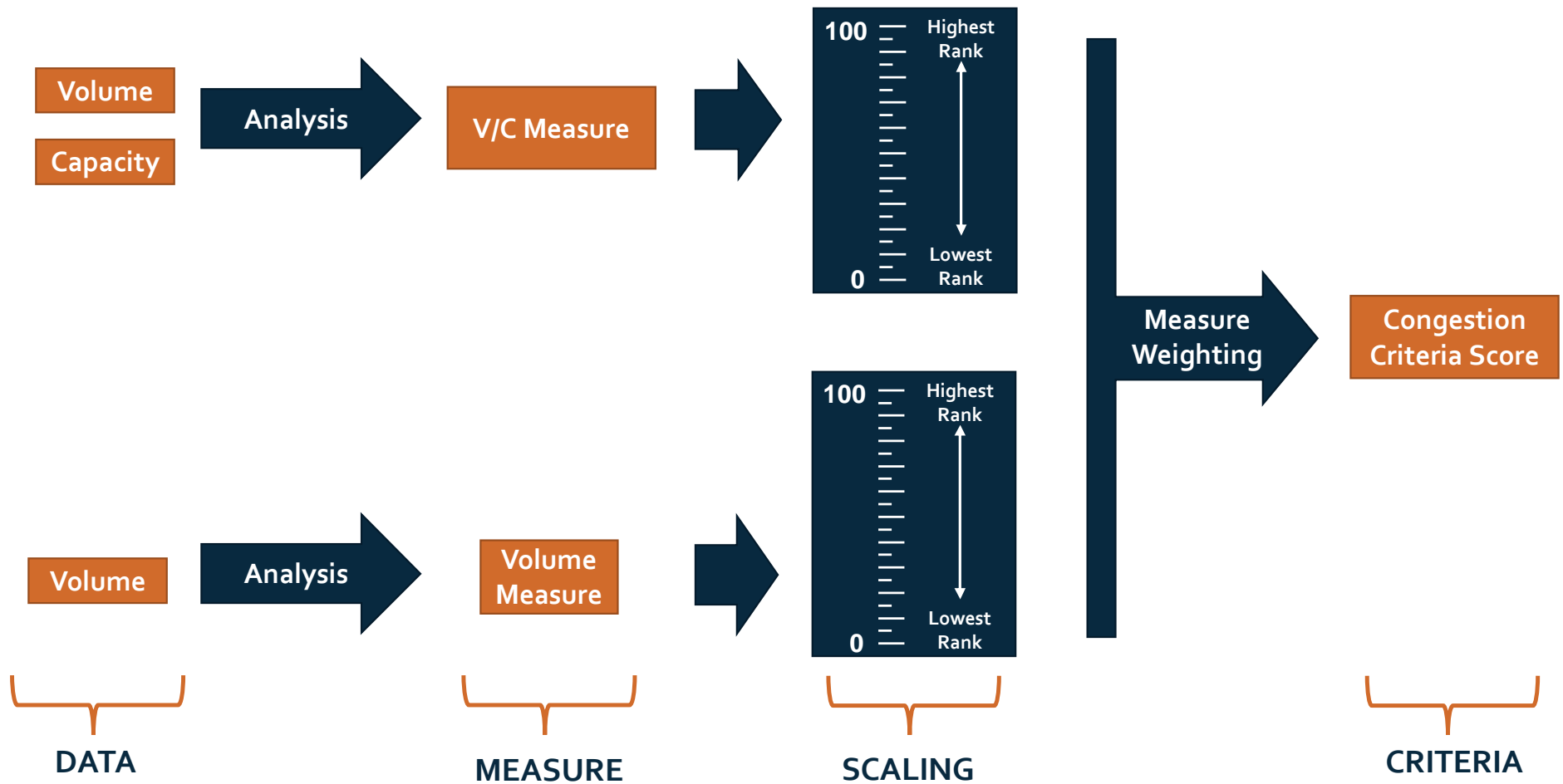
Measure Weight - The percent of the criteria score accounted for by a single measure. Different measures for the same criteria may have different measure weights.

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

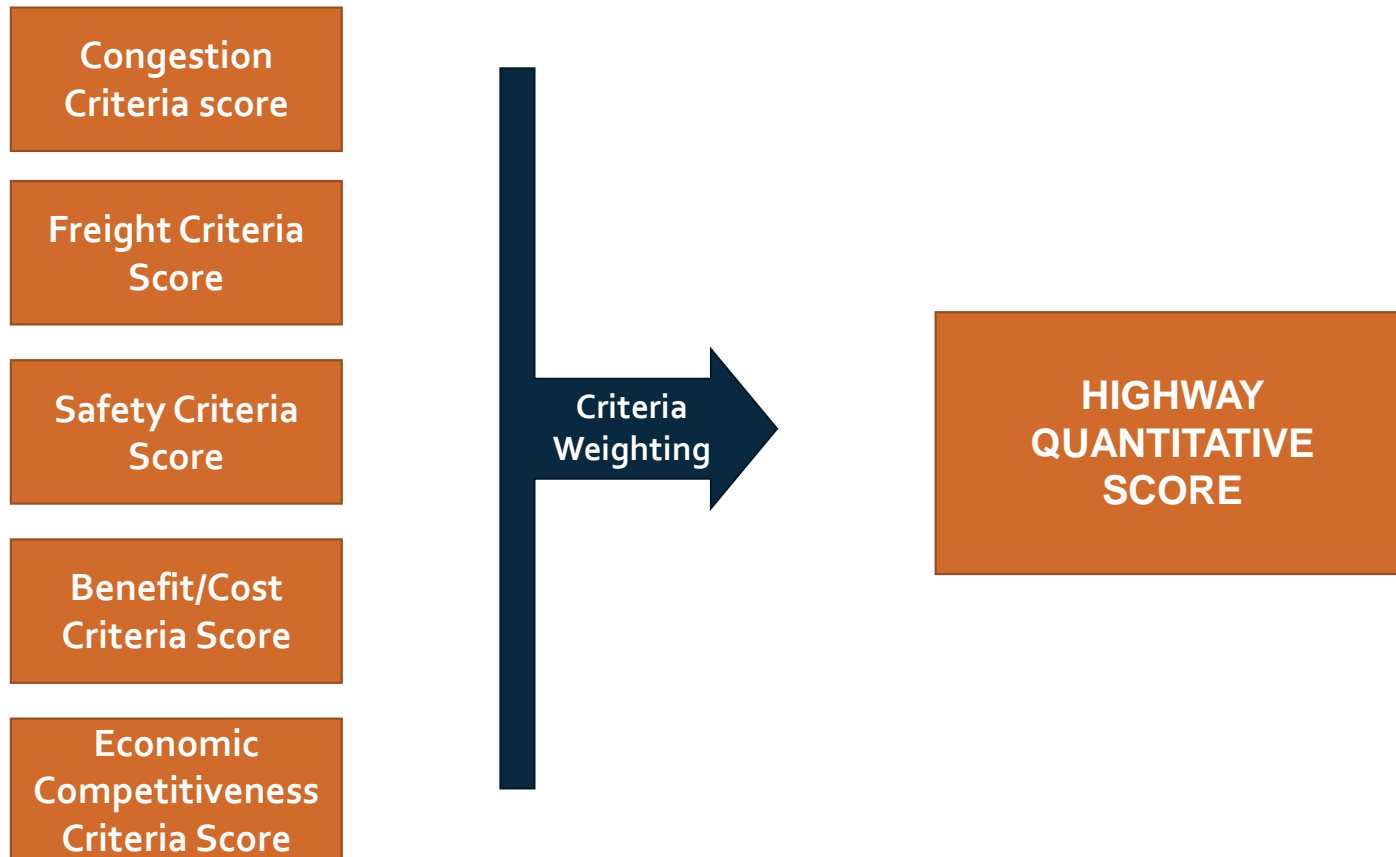
Criteria Weight – The percent of the total quantitative score accounted for by a single criteria. Different criteria may have different criteria weights.

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

Building a Highway Criteria Score



Building a Highway Quantitative Score



Historic Default Criteria Weights

Historic Default Criteria Weights

Statewide Mobility

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

Historic Default Criteria Weights

Regional Impact

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

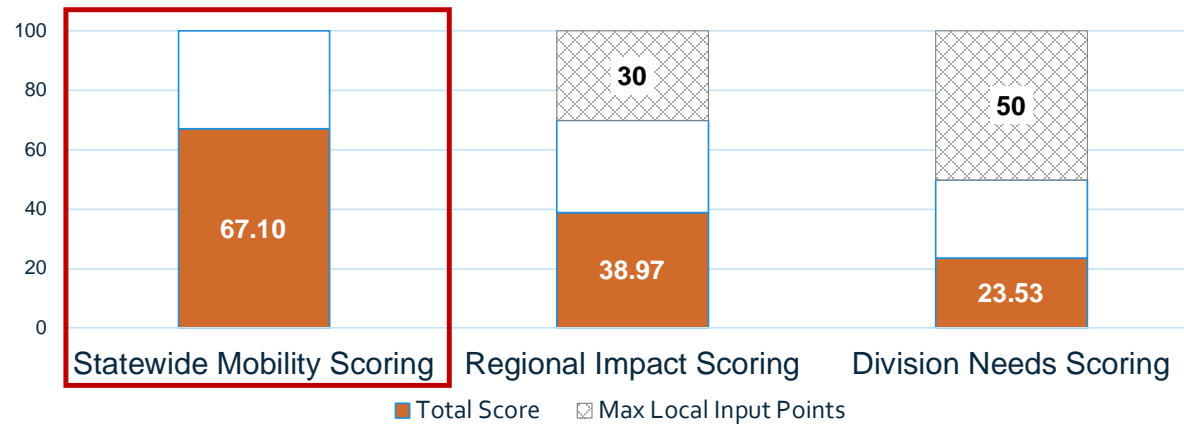
Historic Default Criteria Weights

Division Needs

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

P6.0 Highway Criteria Details

Example Highway Mobility Project Scoring – Statewide Mobility



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

Highway Criteria - Congestion

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

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

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

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

Highway Criteria - Benefit-Cost

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

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

Highway Criteria - Freight

Purpose – Account for key indicators of freight movement

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

Highway Criteria - Safety

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

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

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

Highway Criteria - Economic Competitiveness

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

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

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

Highway Criteria - Accessibility / Connectivity

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

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

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

Highway Criteria - Lane Width

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

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

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

Highway Criteria - Shoulder Width [Paved]

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

	Statewide Mobility	Regional Impact	Division Need
CALCULATIONS	Score Equation	<i>[Paved Shoulder Width] – [DOT Design Standard Paved Shoulder Width]</i>	

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

Highway Criteria - Pavement Condition

Purpose – Measure the existing pavement condition along the project

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

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

Highway Criteria - Multimodal

Purpose – Measure degree the highway project benefits other modes

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

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

Questions & Open Discussion

Strategic Prioritization Office of Transportation (SPOT)

SPOT@ncdot.gov



North Carolina Department of Transportation
Materials and Tests Unit – Product Evaluation Program
Innovative Technologies and Products Awareness Report
November 2nd, 2022



PRODUCT INNOVATION – Sikaflex®-1A



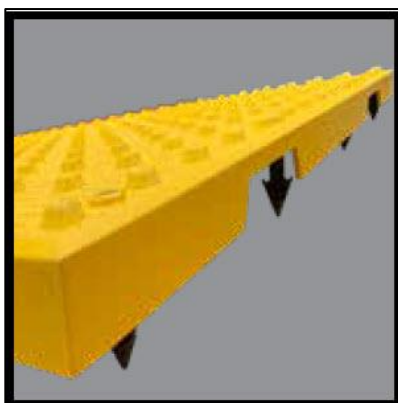
Sikaflex®-1A being used to seal the joint between an existing and a freshly poured concrete slab – image from Sika website

Sikaflex®-1A is a low modulus silicone joint sealant produced by the Sika Corporation out of Lyndhurst, New Jersey. It is currently accepted for a field trial and listed on the Approved Products List (APL) as NP21-9032. Sikaflex®-1A is a high-performance, moisture-cured, 1-component, polyurethane-based, non-sag elastomeric sealant. Sikaflex-1a can be used in both wet and cured (min 24 hours) concrete applications. It is capable of $\pm 35\%$ joint movement and is a low VOC product. For more information, please visit:

<https://usa.sika.com/en/construction/adhesives-sealants/joint-sealants/architectural-sealants/polyurethane/sikaflex-1a.html>

PRODUCT HIGHLIGHT – AlertCast® Cast in Place PAVER (ACP)

The AlertCast® Cast in Place (CIP) PAVER (Model # ACP) is manufactured by Detectable Warning Systems (DWS) out of Chargrin Falls, Ohio. It has been approved and is listed on the APL as NP22-9119. The AlertCast® CIP PAVER is a glass reinforced thermoset composite ADA Detectable Warning System that has unique perimeter flanges specifically designed to eliminate air pockets underneath the panel. Each AlertCast® CIP PAVER panel also comes with its PENETRATOR® anchors already in place. These anchors combined with the edge flange allow for a more complete and long-lasting installation of the paver. The AlertCast® CIP PAVER comes in a variety of colors and sizes. For more information, please visit: <https://detectable-warning.com/>



Side view of the AlertCast® CIP PAVER showing the perimeter flange (left), a worker installing the AlertCast® CIP PAVER with its black PENETRATOR® anchors protruding into fresh concrete (right) – images from DWS website

Verizon Intelligent Transportation Solutions

Applicability to Mileage-Based User Fees (MBUF)

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

Athreya Sreenivasan
Transportation Domain Specialist
Verizon Business Group



Agenda

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



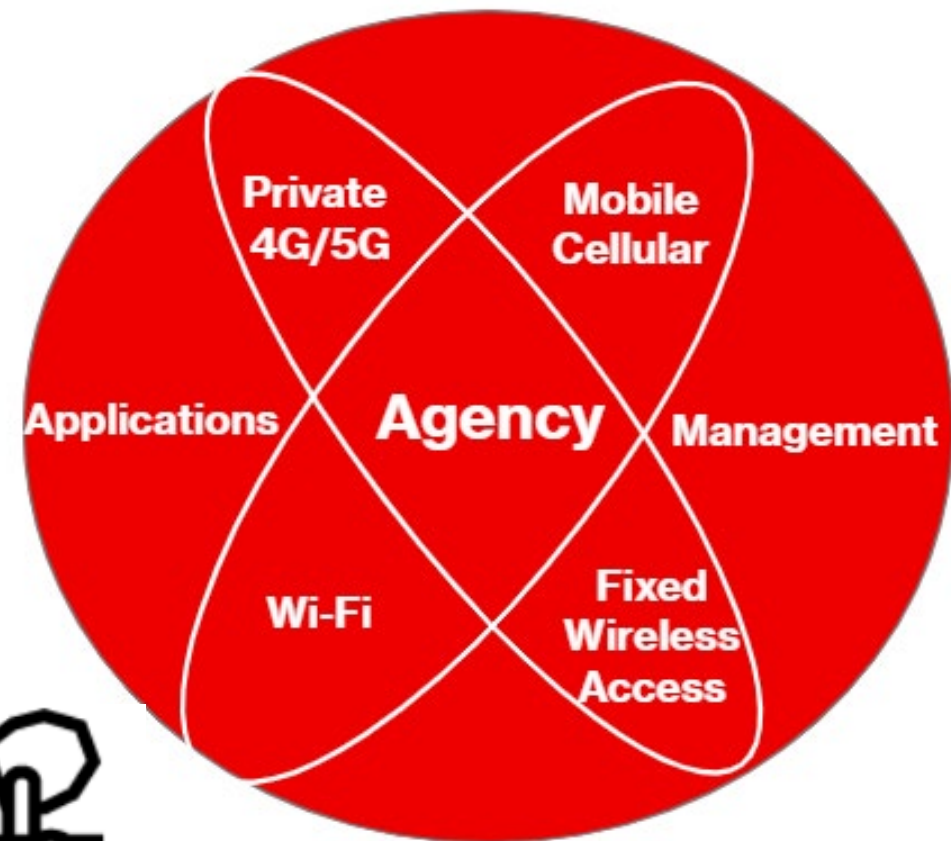
Our Vision

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

All Your Needs:

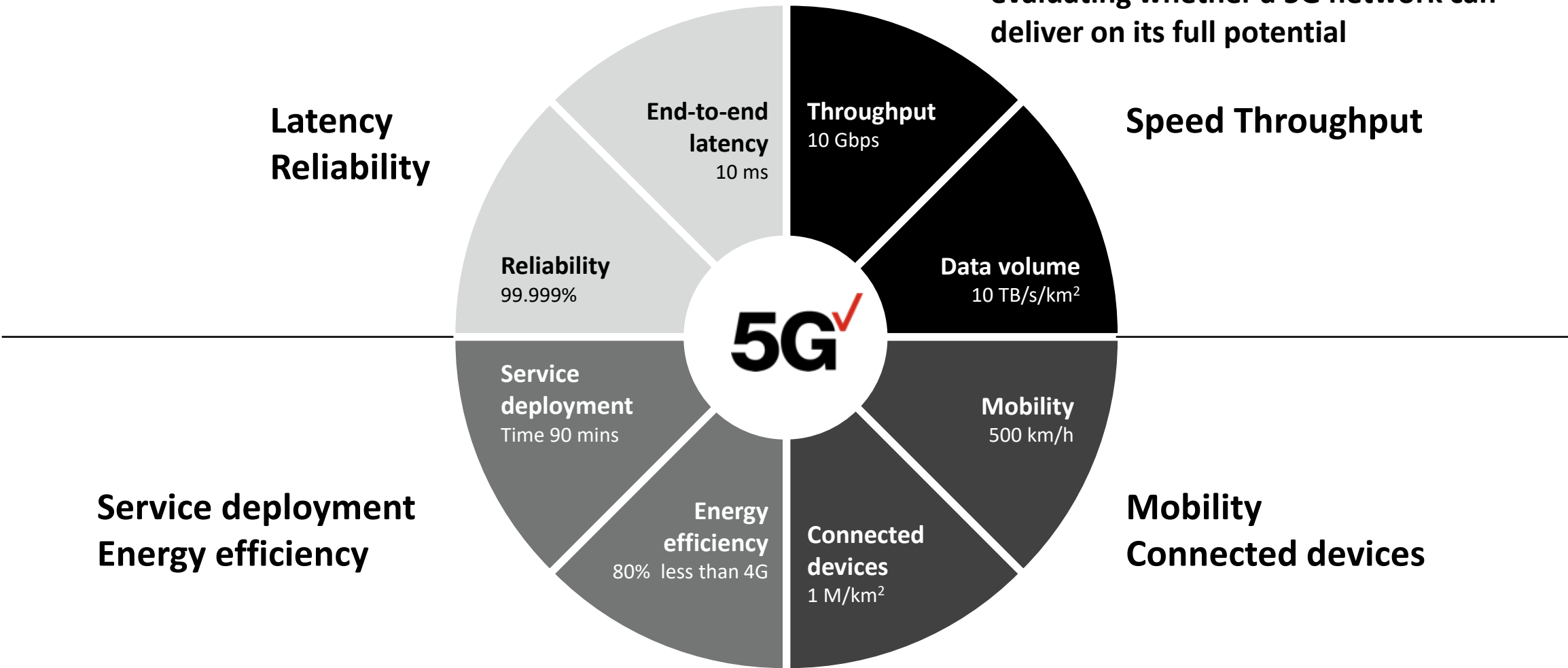
- Public and Private Access
- Managed or Unmanaged
- Fixed or Mobile
- Primary or Back-up

All User Groups:



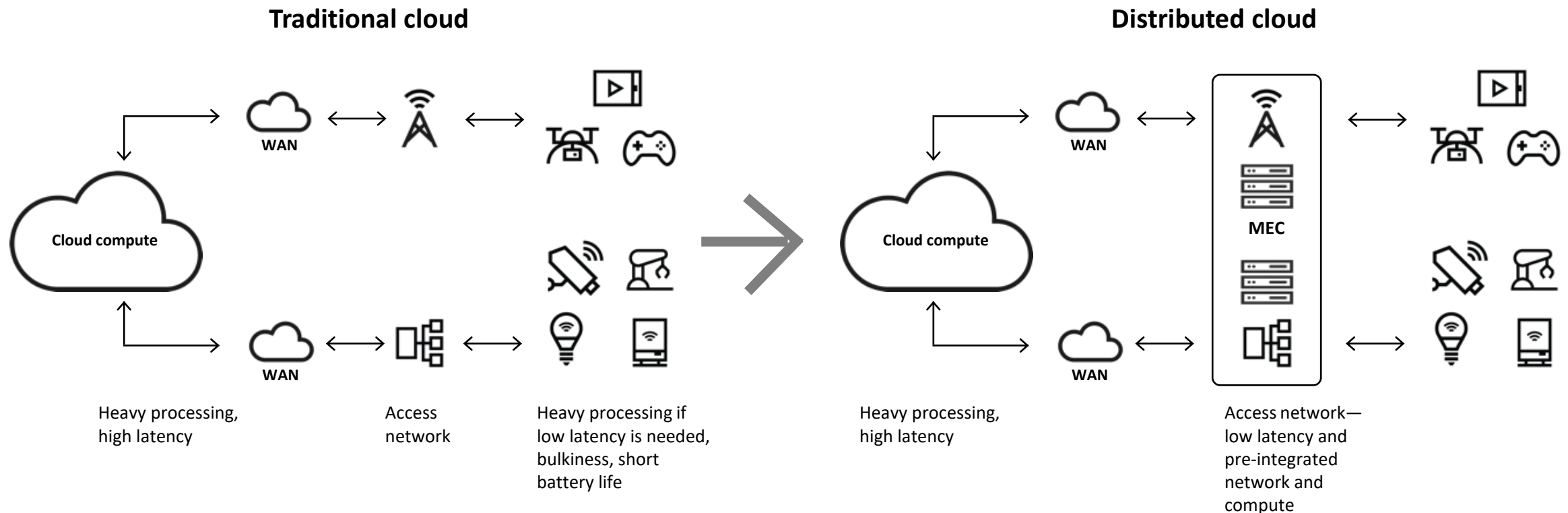
The Eight Currencies of 5G

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



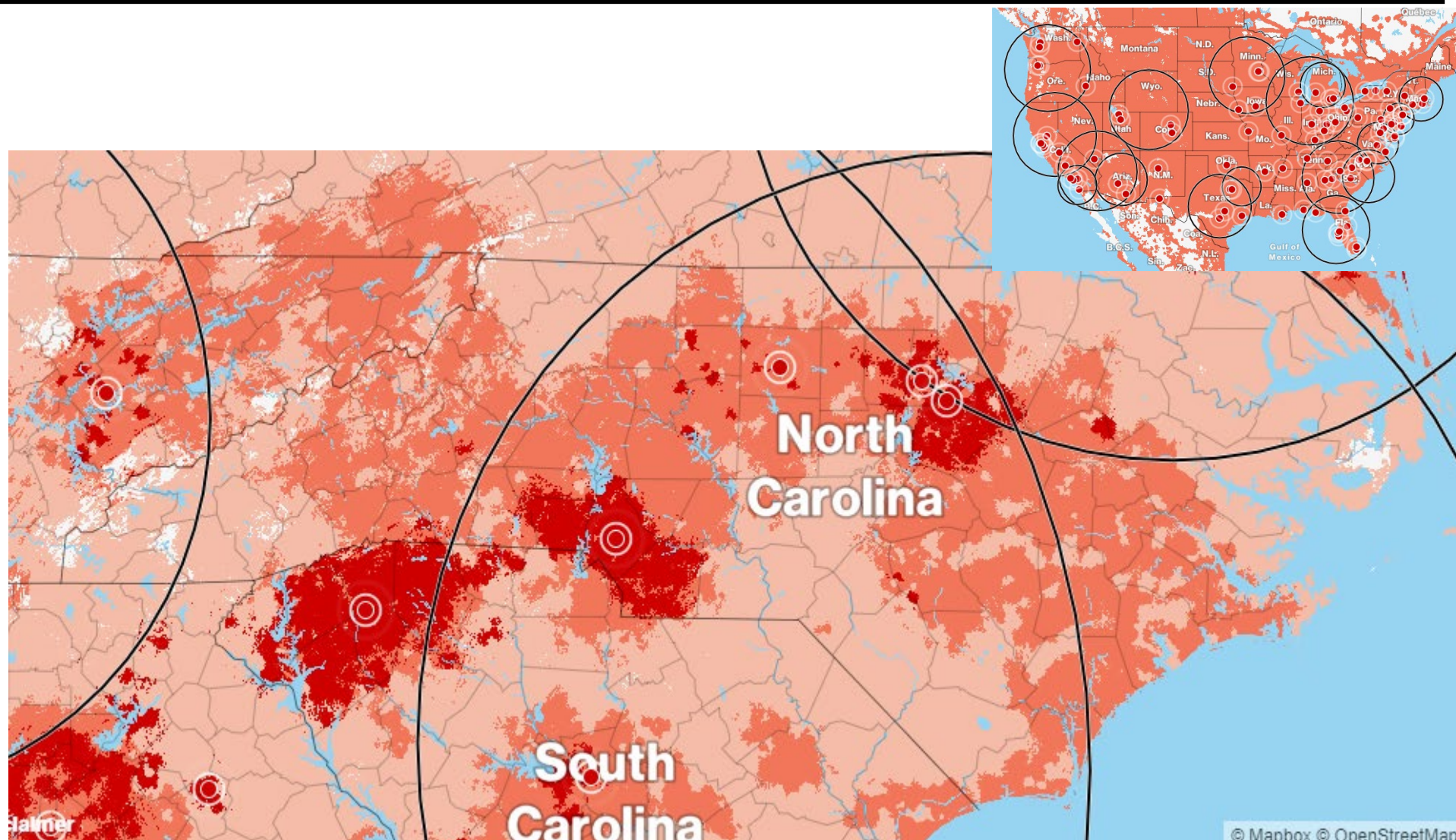
Computing on the Edge

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



5G^vedge

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



© 5G Edge

©

© 5G Ultra Wideband

©

■ All Coverage

©

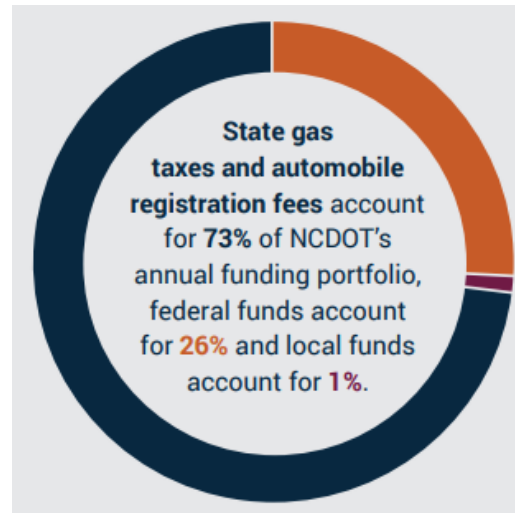
□ No Coverage

Fuel Tax Revenues Are Eroding

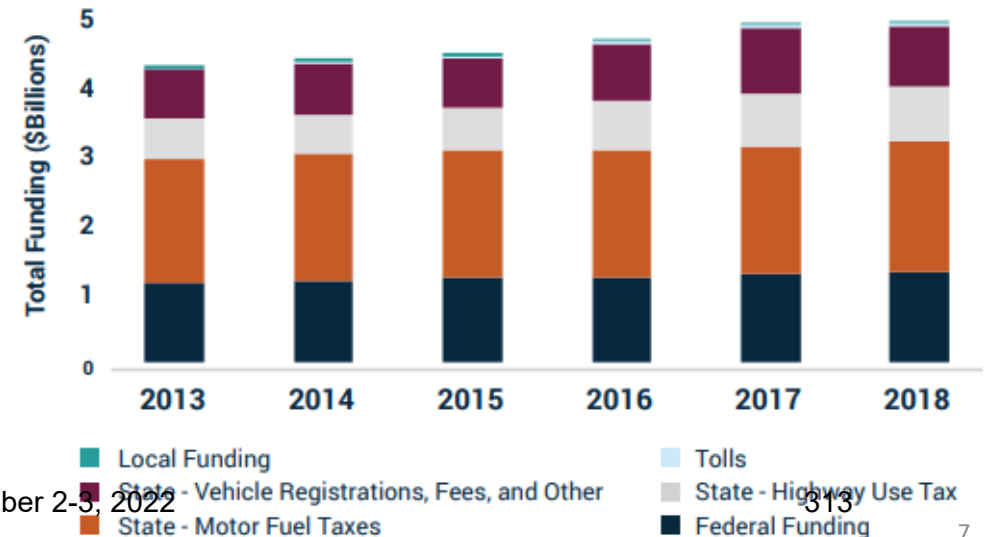
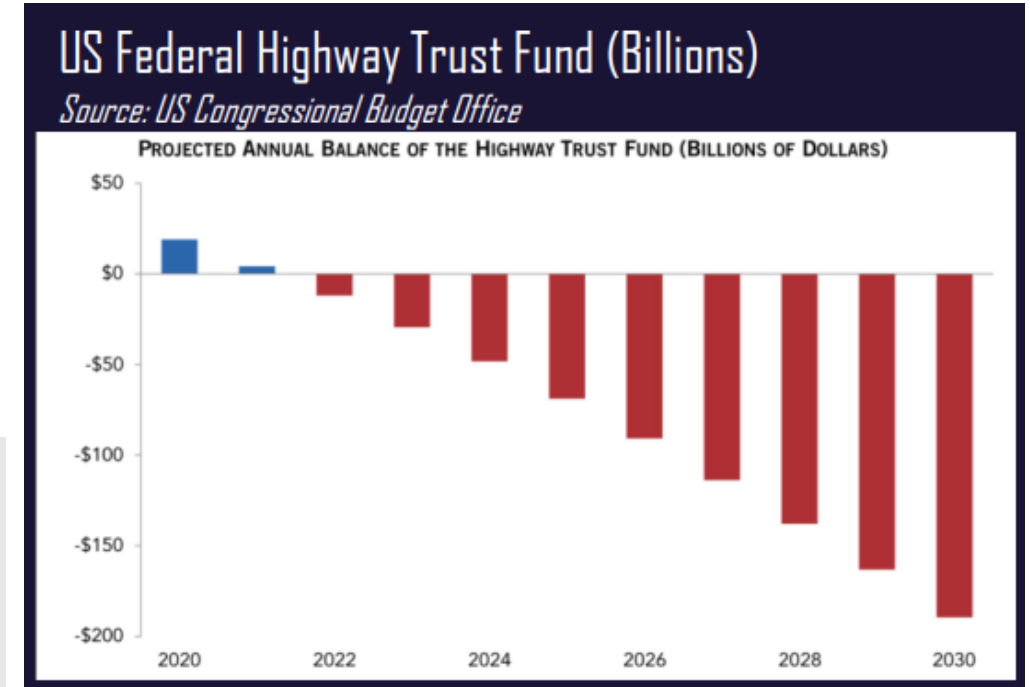
Fuel taxes are the primary source of funding for highway construction and maintenance in the US at the state and federal levels

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

NCDOT Board of Transportation Meeting Minutes



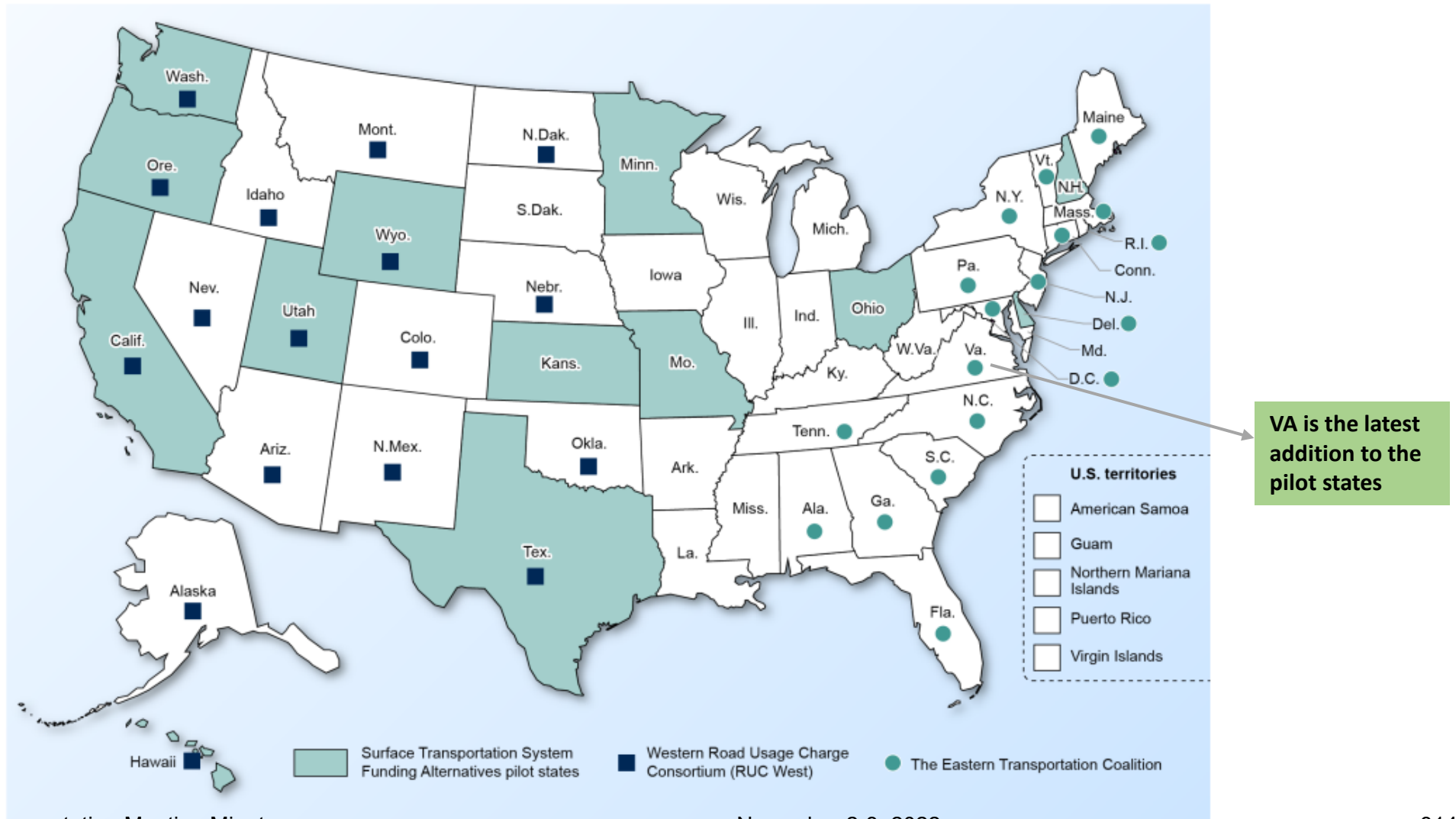
**Source: North Carolina DOT Annual Reports 2013-2017*



November 2-3, 2022

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US initiatives towards alternative funding for transportation

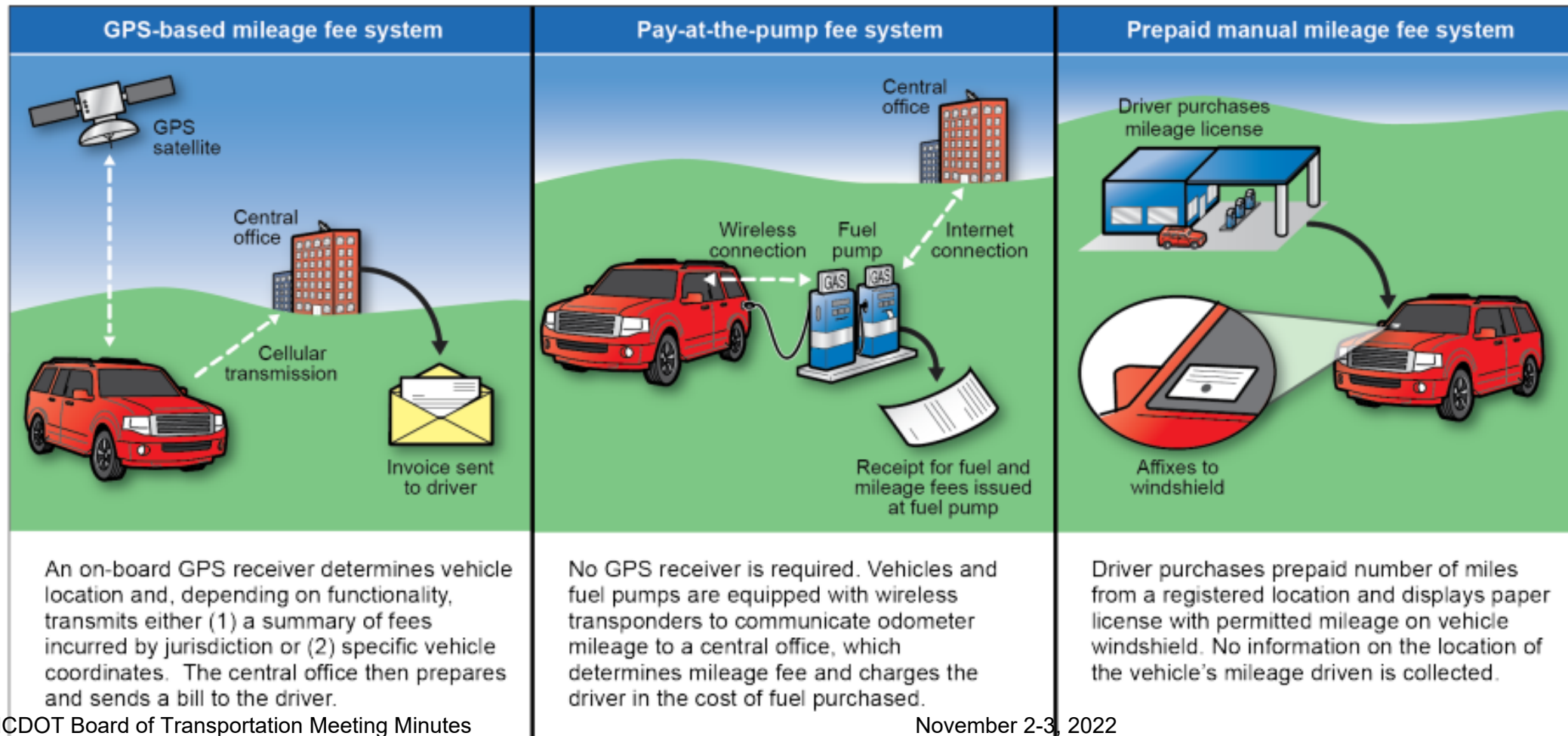


Functional Mileage-Based User Fees (MBUF) System

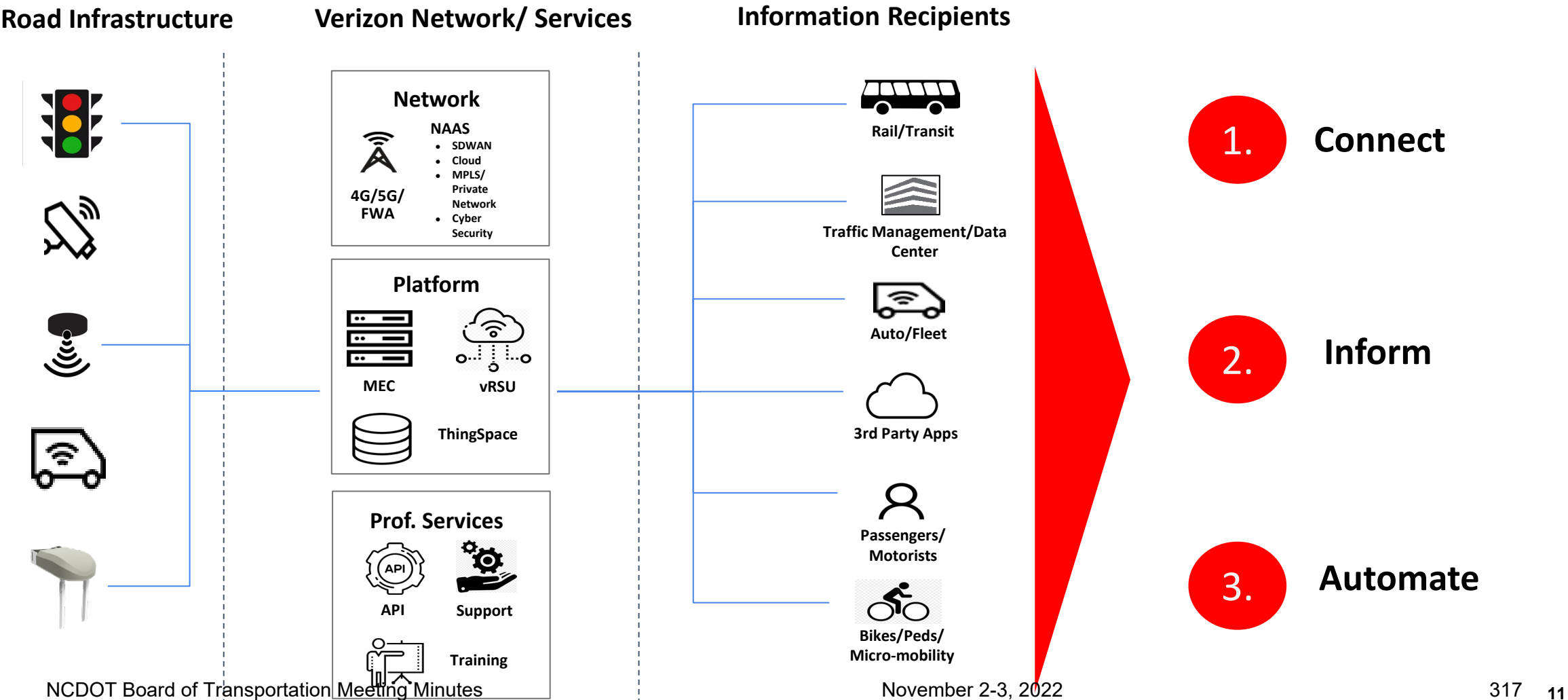
Key participants in the ecosystem:

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

Potential Mileage-Based User Fees (MBUF) Implementation Options



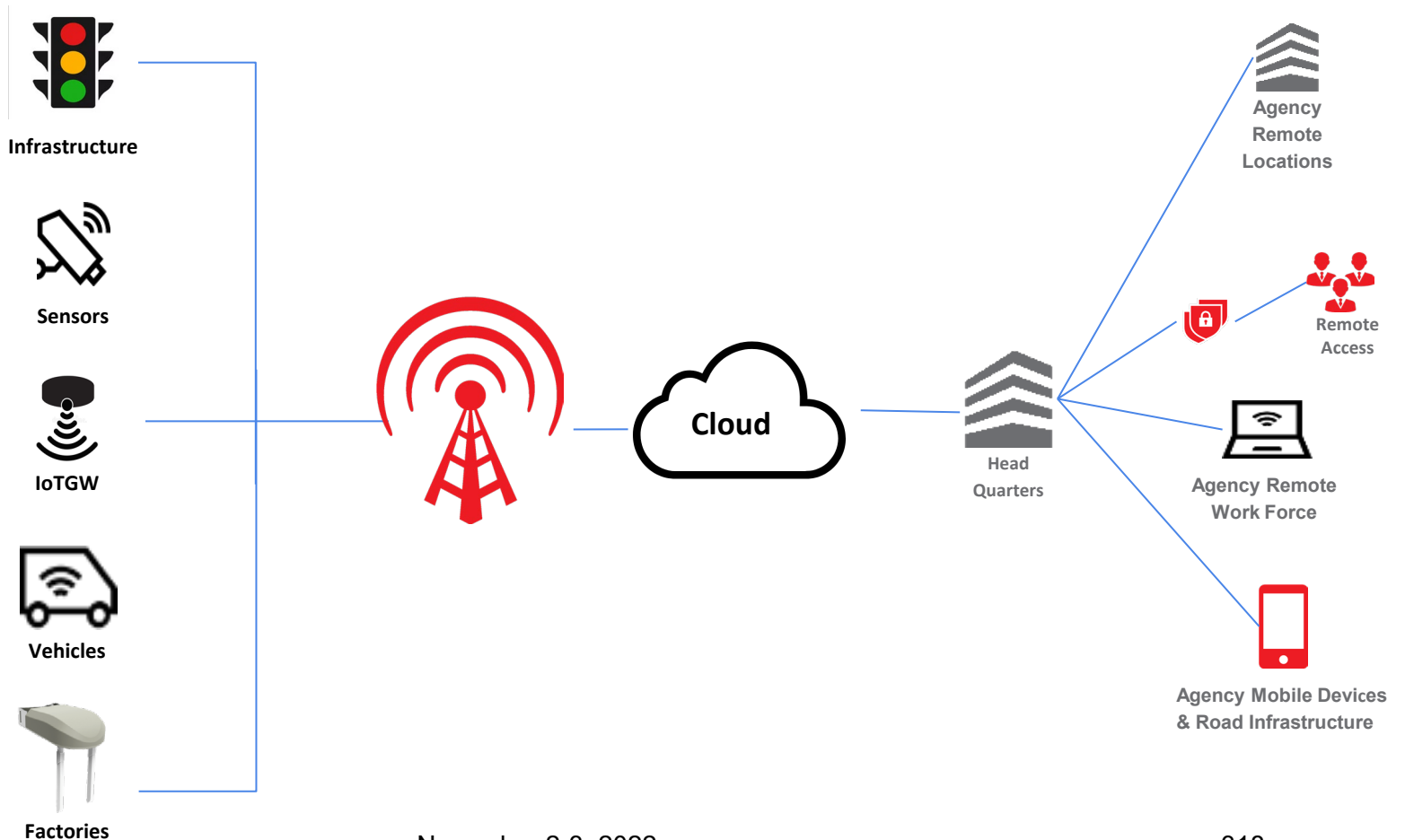
Digitizing Our Roadways - A Phased Approach



Connect

Establish the foundational connectivity to enable future transformation

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



Inform

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

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

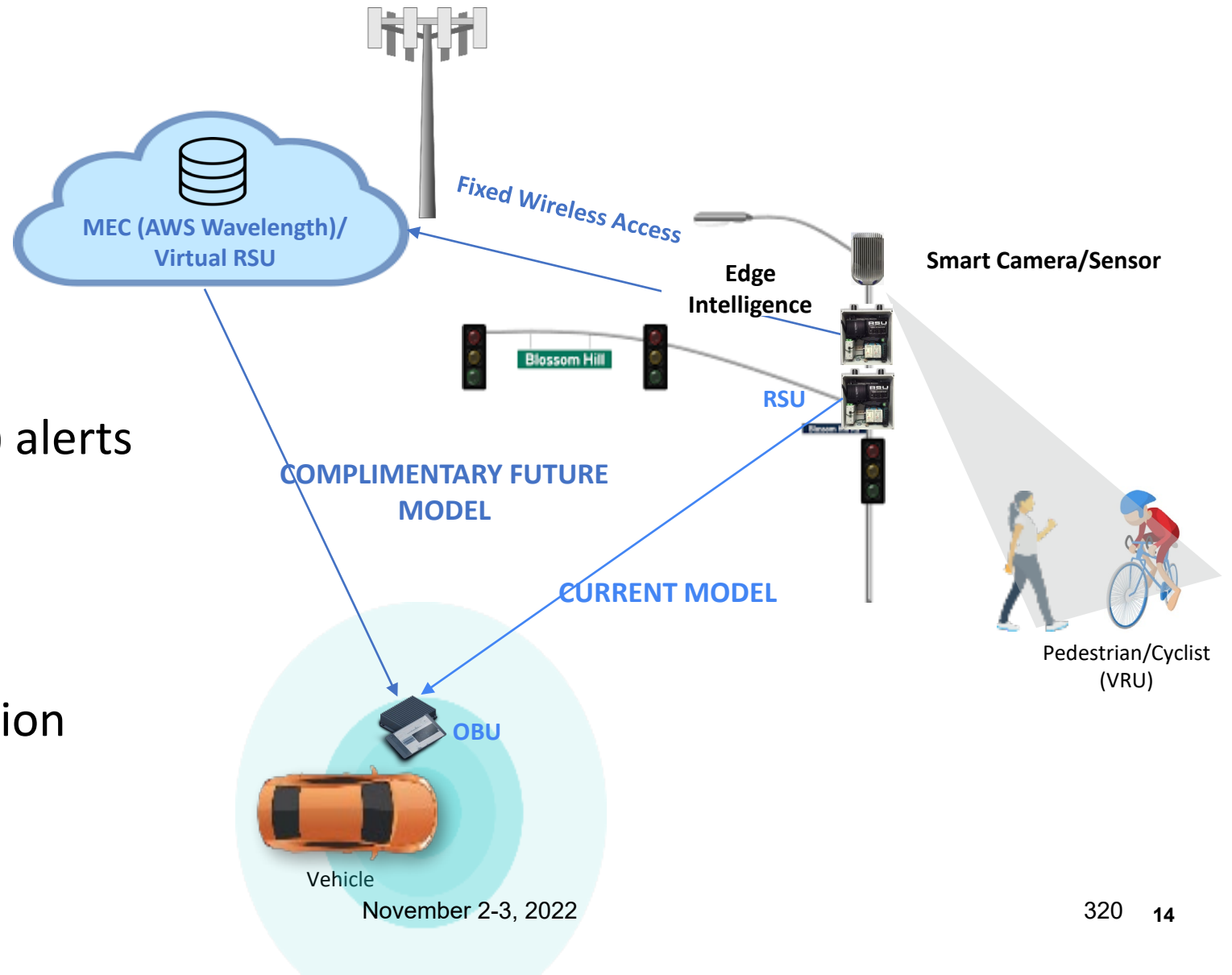


November 2-3, 2022

Automate

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

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



Vehicle to Everything (V2X)

VERIZON'S V2X MODEL

NO PHYSICAL RSUs

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



HIGHLY SCALABLE

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



SMARTPHONE & OBU ALERTS

Direct integration to ECU through OBU or legacy vehicles via smartphones



SECURE

Higher levels of security than for physical RSUs



STANDARDS BASED

We can deliver any SAE J2735 safety alert



AUTO OEMs

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



Verizon V2X Solutions for MBUF





Public Perception of Transportation Fees in North Carolina

RP 2022-30 | 2 November 2022

Research Overview

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

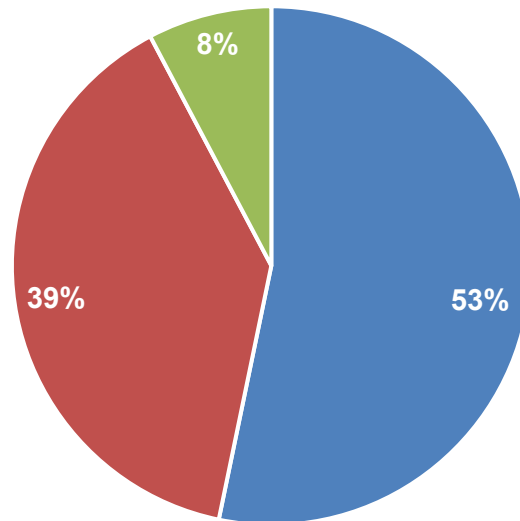
Overview

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

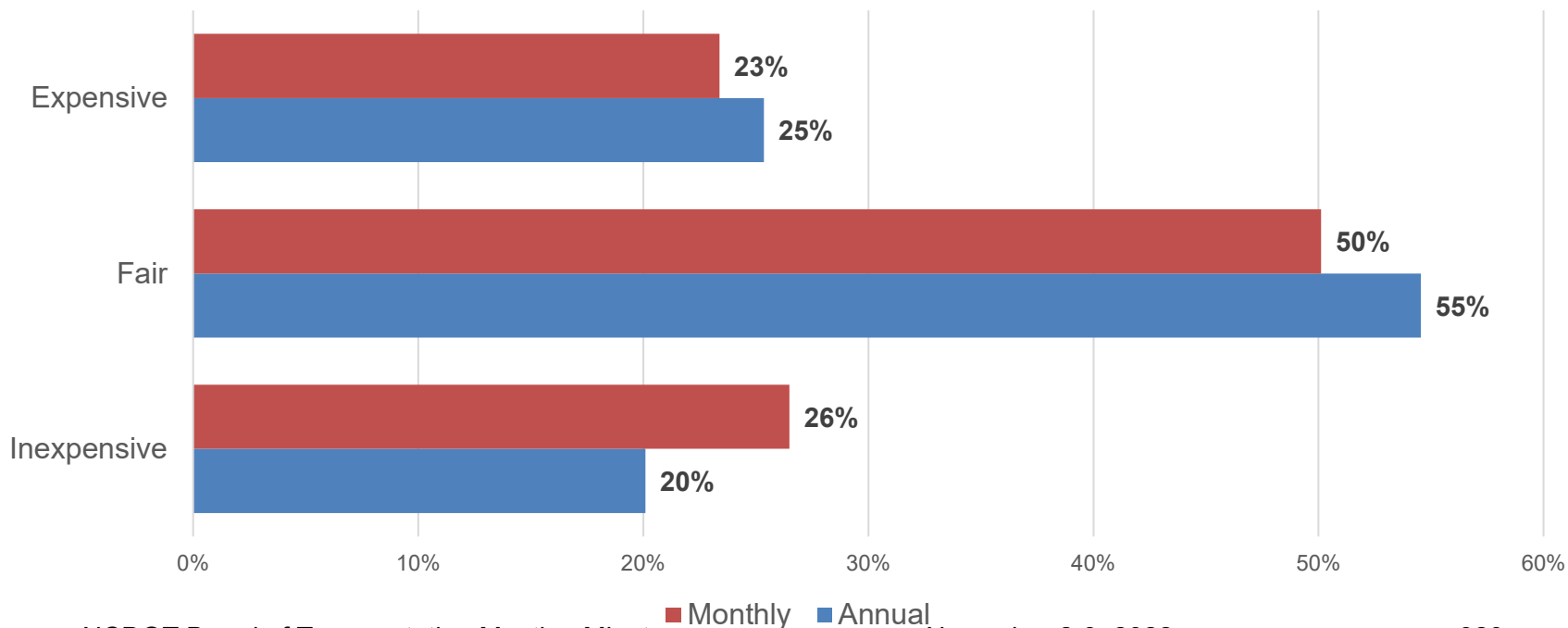
Transportation Funding and Tax Alternatives

Perception of transportation funding in NC

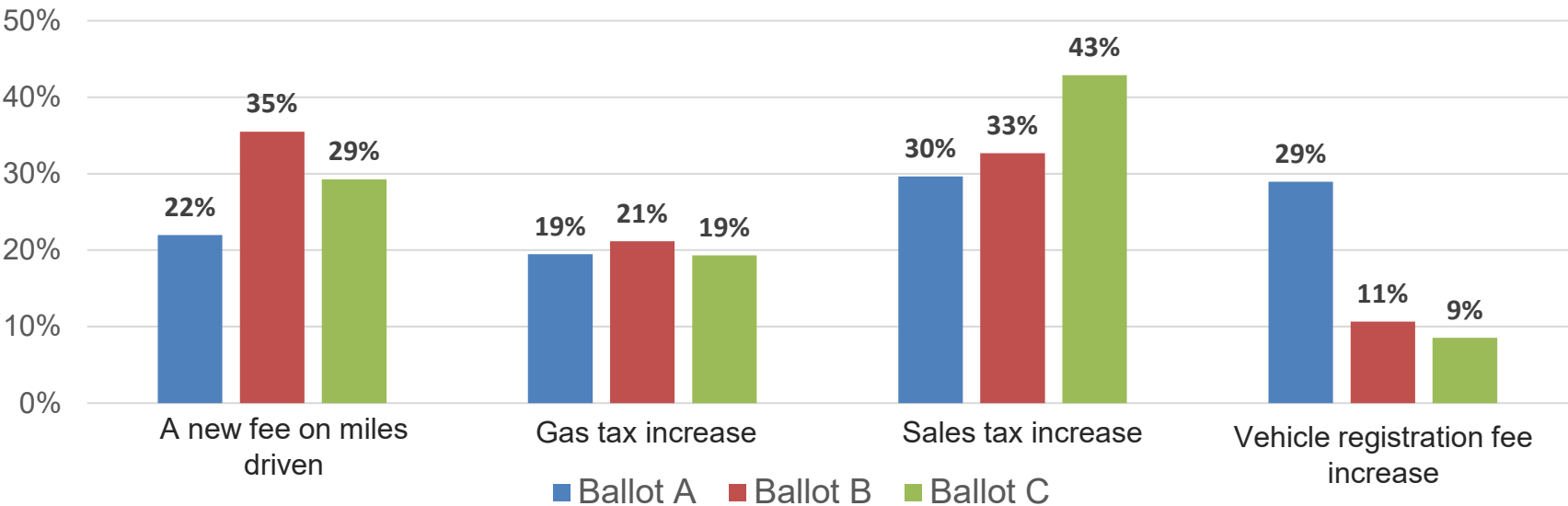
North Carolina needs to ... increase, decrease, or keep spending current amount on roads



Perception of gas tax cost, monthly versus annual ballot



Preferred funding source by ballot



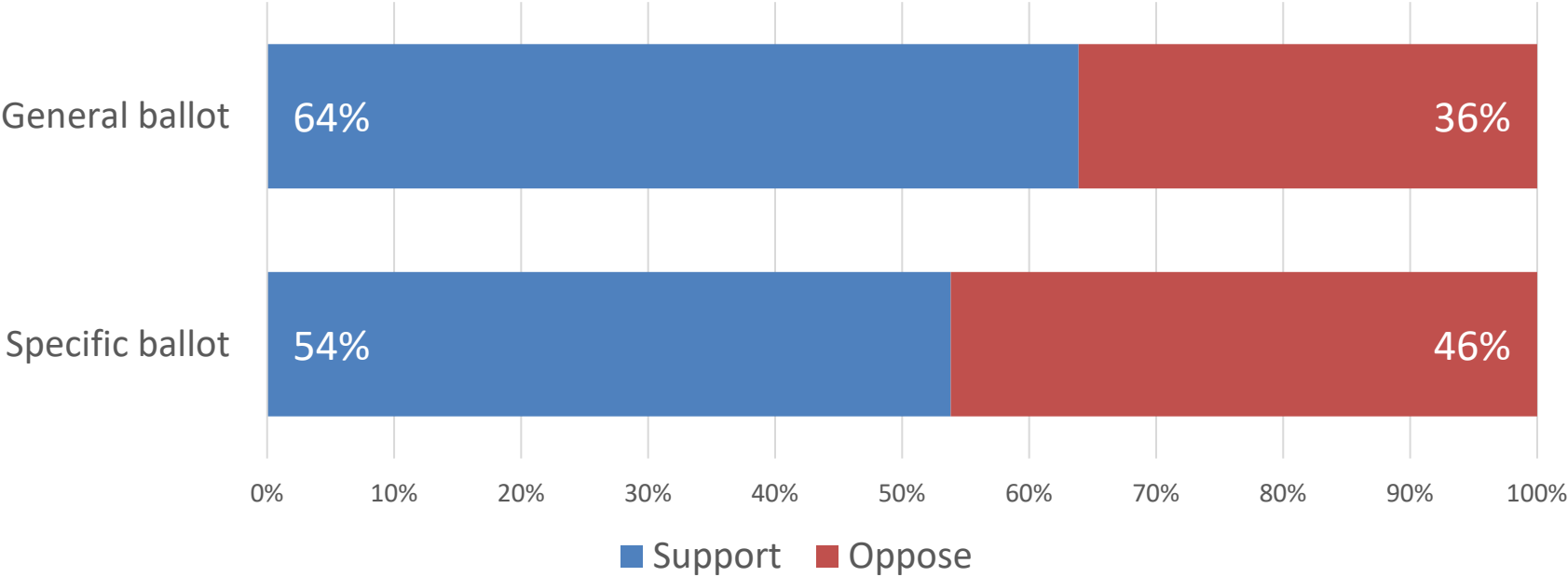
	New fee on miles driven	Gas tax increase	Sales tax increase	Vehicle registration fee increase
Ballot A	General	General	General	General
Ballot B	1 cent fee	9 cent increase	1 cent increase	\$60 increase
Ballot C	1 cent fee	18 cent increase	1 cent increase	\$120 increase

Electric Vehicles

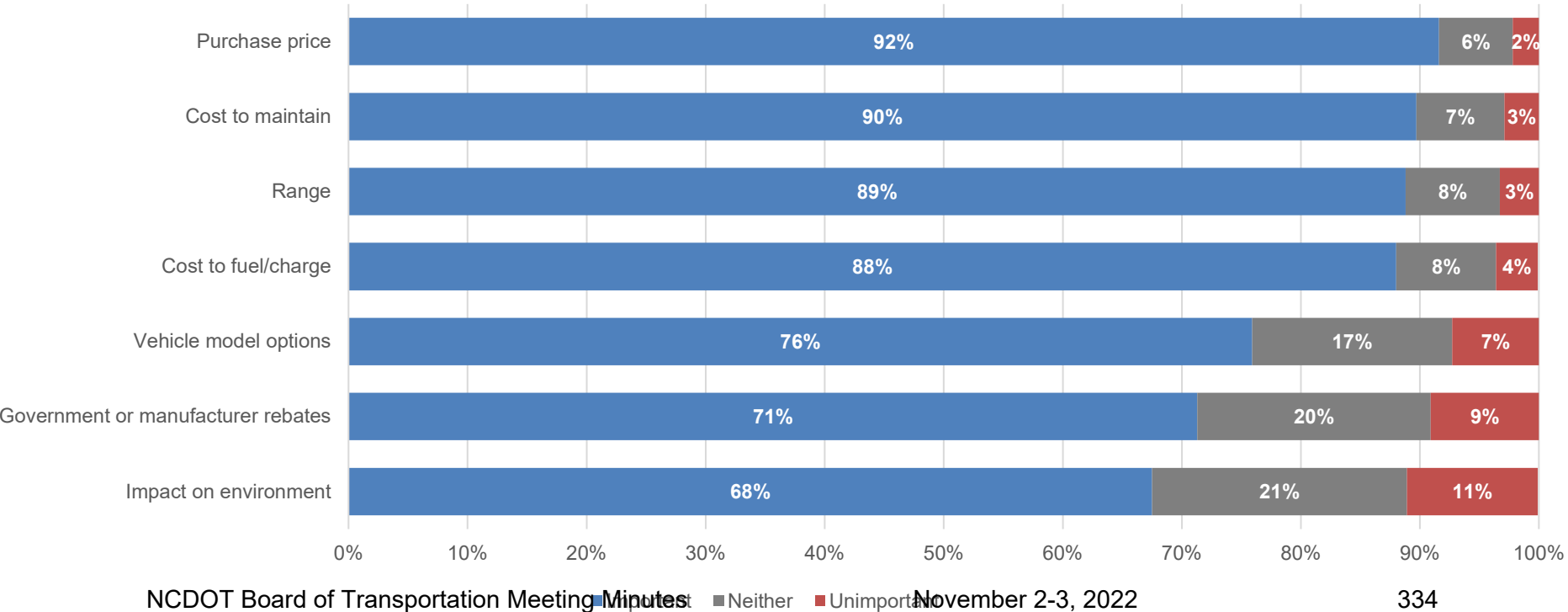
EV Respondent Overview

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

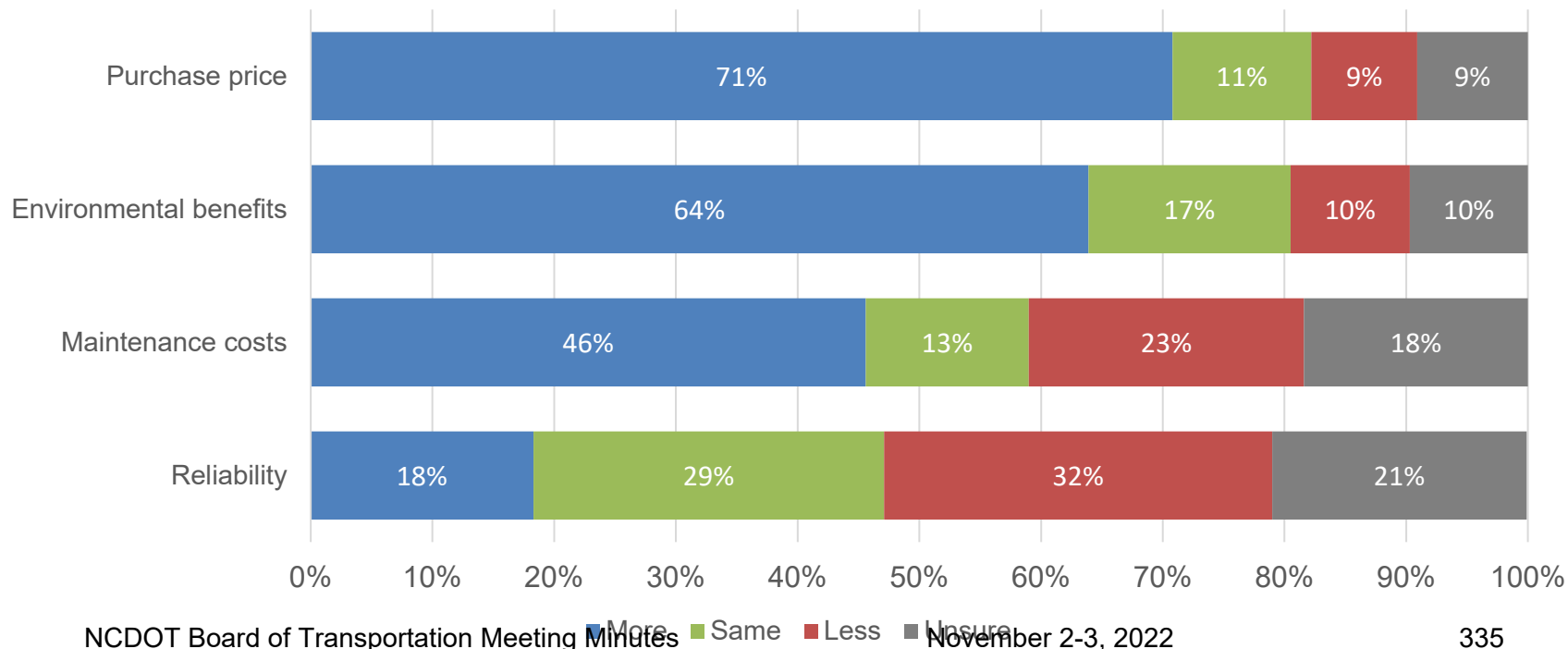
Support for EV goals



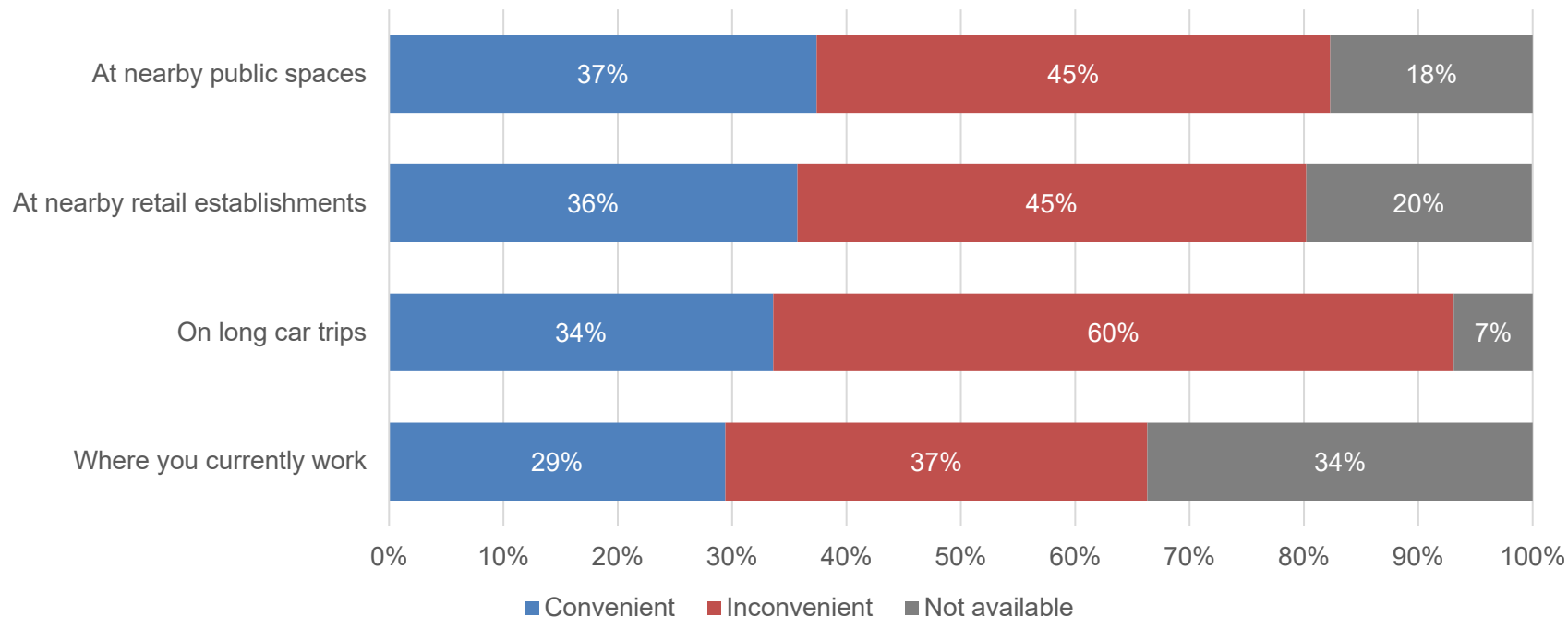
Importance of Vehicle Traits



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



Perceived convenience of EV charging among non-EV owners



Overview

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

Thank you!

Questions? Comments?



NORTH CAROLINA

Department of Transportation



Safety Initiatives & Review

Robin Barfield
November 2022

Safety and Risk Management

- Focus on employee safety
- Reduce unsafe conditions
- Defensive driving and ELDT CDL program
- Bolster Organizational Risk Management
 - Identify task
 - Assess hazards
 - Mitigate hazards
 - Re-assess when conditions change
- Examine and implement innovative safe technologies
- Lead NCDOT's OSHA compliance auditing programs
- Monitor OSH trends in the construction industry nationwide

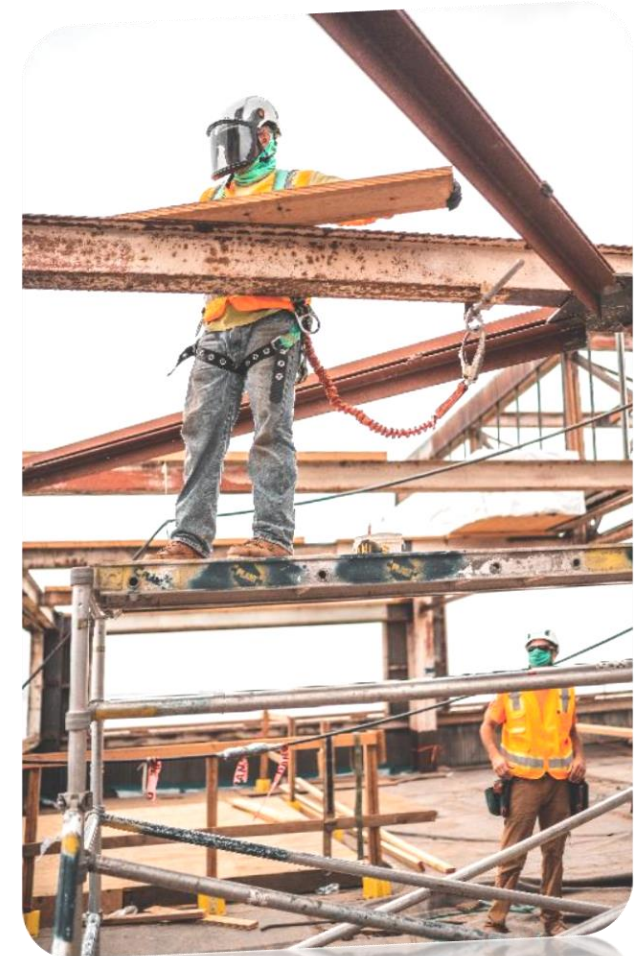


Photo by Jeriden Villegas on Unsplash

Defensive Driving



Photo by Cristofer Maximillian on Unsplash

1,800+ Employees trained since program launched in June 2020 virtually

571 Employees trained since June 2021

Excavation Safety Training

Slope ~ Shore ~ Shield

- Awareness
 - Recognize hazards and understand controls
- Trained Employees
 - Anticipate, recognize, and evaluate hazards
 - Implement and manage controls
 - Authority and responsibility for excavation safety



Fall Protection

Continuous Improvement



- Standardized training
 - Awareness
 - Authorized User
 - Interactive, Inspection, and Use
- Standardizing fall protection PPE
- Continue to engage business units on unique hazards and challenges
- Consistently evaluating new technology and standards
- Rescue

Safety Helmets

Next generation head protection

- SRM-researched safety helmet market
 - KASK Zenith X (EN 12492)
- 360° head protection
- Piloted across several Divisions
 - Positive feedback
- Incident involving guardrail saved employee from serious injury
- Chief's office authorized roll-out to high-risk units
 - Bridge, roadside, maintenance, etc.



Red Cross First Aid, CPR, & AED Training



175 Employees trained by Safety & Risk Management in the last year

Driving Simulator



- Train 30+ snowplow operators per day
- 300 – 400 drivers to be trained in next few months

New CDL Program

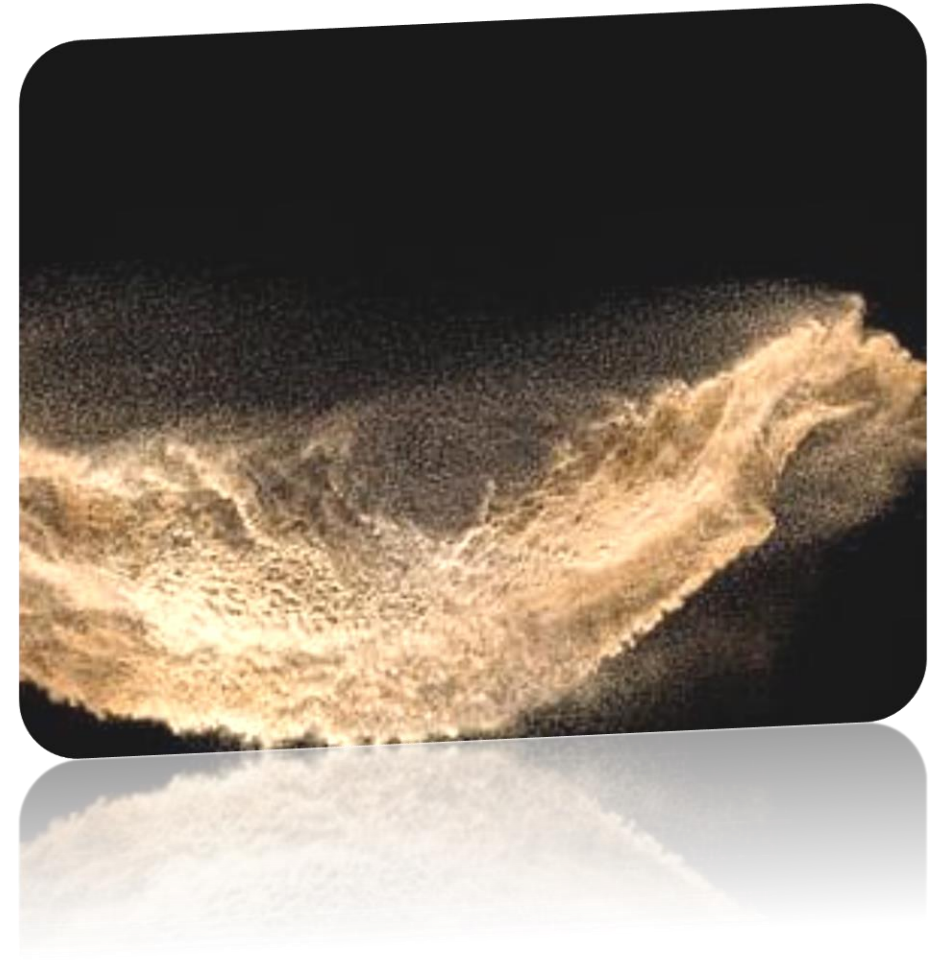
Entry-Level Driver Training Addition



- Extend Transportation Worker Class Specifications to 365 days to follow Federal mandate (March 2022)
- NCDOT required to set up FMCSA-approved certification program
 - Transition new CDL hires into program to avoid delays
- Training must be provided and recorded on FMCSA's Training Provider Registry
- DMV required to verify training was completed
- JJ Keller pilot model rolled out with 100% online modules

Industrial Hygiene

- Updated 5+ Safety Policy and Procedure Programs
- Conducted audits across NCDOT for Industrial Hygiene Programs
- Evaluated equipment depots and employee exposure to noise (continual process)
- Evaluated hexavalent chromium exposure
- Conducted silica and lead training for two Divisions
- Continue to evaluate indoor air quality across NCDOT
- Asbestos evaluations



Ferry Division Safety Audit

- Evaluated all NCDOT ferry terminals, ferry shipyard and paint spray booth
- Created a safety work plan to avoid potential employee exposure to hazards



Excavation Assessments

Evaluation of 54-foot-deep excavation





Questions?



NORTH CAROLINA
Department of Transportation

Contractual Adjustments Overview

Boyd Tharrington, PE
Director of Field Support
November 2, 2022

Objective

NCDOT CONTRACT BASICS



```
graph TD; A[NCDOT CONTRACT BASICS] --> B[CONTRACTUAL ADJUSTMENTS]; B --> C[SUPPLEMENTAL AGREEMENTS OVERVIEW]; C --> D[CLAIMS OVERVIEW];
```

CONTRACTUAL ADJUSTMENTS

SUPPLEMENTAL AGREEMENTS OVERVIEW

CLAIMS OVERVIEW

NCDOT Contract Basics



- **Contractually binding agreement outlining work to be performed and how compensation will be provided.**
- **Establishes contract times(availability date, completion date, intermediate completion dates)**
- **Most design-bid-build contracts are line-item contracts with established description, quantity, and unit price**
- **Design build contracts are typically lump sum with a single line item to design and construct entire project**
- **Contracts reference the Standard Specifications and contain provisions that detail methods of construction, materials, and basis of payment**

Need for Contractual Adjustments

- Field conditions
- Plan revisions
- Specification changes
- Overruns or underruns
- Material requirements or availability
- Delays to controlling operation
- Third party coordination
- Value Engineering proposal



Types of Contractual Adjustments

Supplemental Agreement - Written agreement between the Contractor and the Department covering amendments to the contract

Claim - Assertion of an entitlement to either additional contract time or additional compensation

Basis for Supplemental Agreements

Extra Work(Article 104-7 of Specifications)

- Work necessary or desirable to fully complete the work as contemplated for which payment is not provided by the contract

Altered Work(Article 104-3 of Specifications)

- Increased cost of performing work resulting from a change or alteration for which there are existing contract unit prices

Overruns and Underruns(Article 104-5 of Specifications)

- Increase or decrease in contract unit price based on quantity changes that exceed established thresholds

Value Engineering(104-12 of the Specifications)

- Approved proposal from contractor that saves construction cost

Supplemental Agreement Process

- Department or Contractor identify issue not covered in contract document or work that has been altered
- Contractor notifies Department requesting additional compensation for work
- If Department agrees, price and time is negotiated, and Supplemental Agreement is executed
- If Department does not agree, Contractor can notify the Department of intent to file a claim
- Work is performed
- Contractor files claim if work is in dispute

Supplemental Agreement Approval Authority

- **Resident Engineer** Supplemental Agreements for all Articles of the Specifications up to **\$100,000** and associated time up to **30 days** on all projects.
- **Division Engineer/Division Construction Engineer** Supplemental Agreements for all Articles of the Specifications with unlimited authority for compensation and time.
- **State Construction Engineer/Assistant State Construction Engineer/Area Construction Engineer** Reviews Supplemental Agreements greater than **\$100,000** and time extensions greater than **30 Days**.
- **State Construction Engineer/Assistant State Construction Engineer** Reviews Supplemental Agreements greater than **\$200,000** and time extensions greater than **90 Days**.



An aerial photograph of a complex highway interchange with multiple lanes and overpasses. In the background, a city skyline with several tall buildings is visible under a clear sky. The foreground shows a parking lot with many cars and some industrial structures on the right side.

Claims

- The Department's claims processes are essential to keep projects moving forward
- Claims can be filed for additional compensation or additional contract time
- Protects the industry and the Department and provides a mechanism to resolve disputes
- Claims can be resolved during active construction or after project completion through established processes
- Department has developed closeout conference procedures to provide opportunity to resolve issues in formal discussion

Claims for Additional Compensation



104-7 or 104-3 If a request for additional compensation for extra work or additional work is denied, the Contractor may file a claim in accordance with the Specifications



104-4 When the Department suspends work on the project, or the Contractor contends that he has been prevented for performing work on the project, the Contractor may file a claim in accordance with the Specifications

Claims for Additional Contract Time



108-10(B)3 If the Contractor's controlling operation is delayed by circumstances beyond his control and without his fault or negligence, he may, at any time before payment of the final estimate, make a written request for an extension of the completion date, intermediate completion date or intermediate completion time



108-10(B)4 If changes in the work from that originally contemplated in the contract are ordered by the Engineer and these changes result in reduction of quantities, elimination of items, additional work or extra work, the Engineer will allow an extension in the completion date, intermediate completion date or intermediate completion time

Claim Resolution Processes

- **Active Claims-** Contractor may submit a claim prior to project completion to the Resident Engineer. Department reviews and responds in writing.
- **Final Claims-** Contractor may submit claim after project completion and prior to the payment of the final estimate to the State Construction Engineer or Division Engineer depending on if the project is Central or Division let. Issues have been through active claims process. Department reviews and responds in writing.
- **Verified Claims-** GS 136-29 allows contractor to submit verified claim to the Chief Engineer after the final estimate has been paid. Claim is reviewed by committee and response issued in writing.

Claim Approval Authority

- **Resident Engineer** approval authority is **\$100,000** and **30 days** for active claims under all Articles of the Specifications. Resident Engineer can not deny any active claim.
- **Division Engineer or his / her delegate** approval and denial authority for active claims is unlimited under all Articles of the specifications.
- **Area Construction Engineer** reviews all active claims over **\$100,000** or **30 days**.
- **State Construction Engineer or Asst. State Construction Engineer** reviews all active claims over **\$200,000** or **90 days**.





Project Closeout Conference

- May be scheduled after project completion prior to submission of a final claim.
- Contractor may bring claims for additional contract time, additional compensation, or any quantity disputes as topics for discussion.
- Opportunity for Contractor to verbally explain the basis of the claim, even if issues have previously been reviewed as active claims.
- Department staff present that can agree and execute a closeout conference form



NORTH CAROLINA
Department of Transportation

Questions?

Boyd Tharrington, PE
Director of Field Support
November 2, 2022

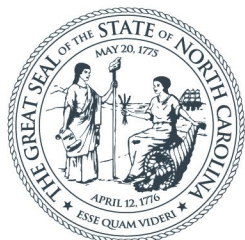


NORTH CAROLINA
Department of Transportation

DBE Program Update

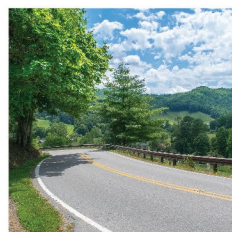
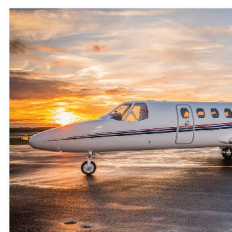
DBE PARTICIPATION ON ACTIVE NCDOT CONSTRUCTION PROJECTS

PRIME CONTRACTS	BID AMOUNT		Active Construction Contract Awards	\$ 11,007,347,903	10.20.22
FEDERAL	\$ 6,435,164,162	215	DBE Prime Participation	1%	
STATE	\$ 4,572,183,740	543	DBE Subcontractor Participation	9%	
Grand Total	\$ 11,007,347,903	758			
PRIME CONTRACTS	BID AMOUNT		SUBCONTRACTS	DBE SUB TOTALS	
DBE Prime	\$ 119,772,739	1%	DBE Sub	\$ 962,114,906	24%
Non-DBE Prime	\$ 10,887,575,164	99%	Non-DBE Sub	\$ 2,980,190,067	76%
Grand Total	\$ 11,007,347,903		Grand Total	\$ 3,942,304,973	



NORTH CAROLINA

Department of Transportation



Preparing for Connected and Autonomous Vehicles

Kevin Lacy, P.E., and Dr. Joe Hummer, P.E.

NC Board of Transportation, November 2022

Presentation Objective



Overview of the industry today – connected and autonomous vehicles.



Summarize NCDOT's autonomous and connected vehicle activities.



Discuss what NC is doing to prepare and what needs to happen to assist with advancement.

As Big a Change As...

- Jet airplane?
- Interstate system?
- Model T?
- Railroads?
- Steamships?



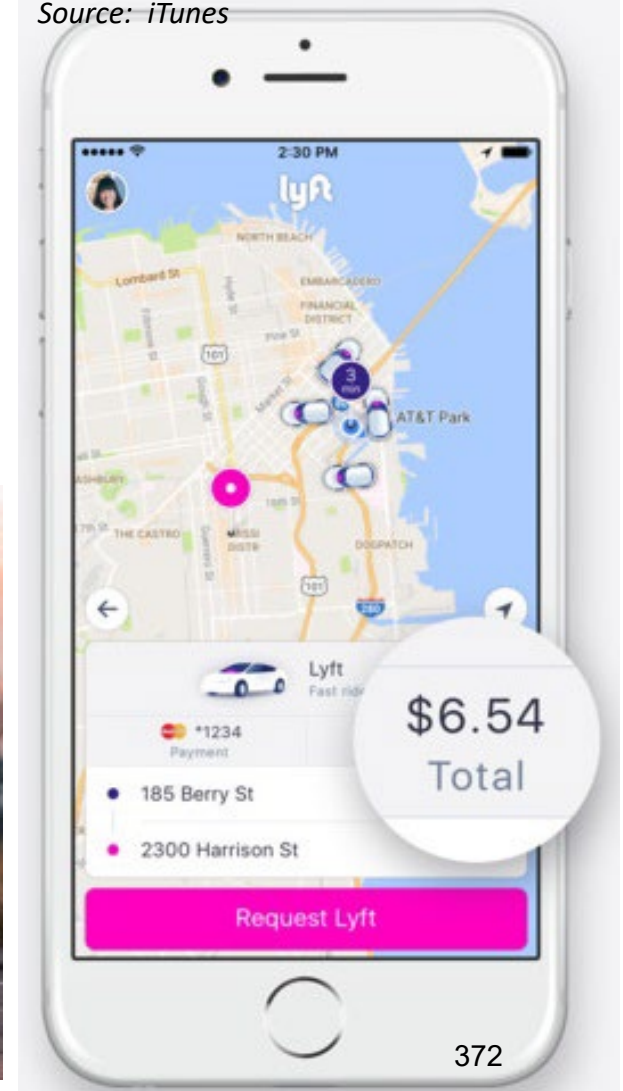
Changing How We Use Vehicles

- Connected,
- Automated,
- Subscription/Shared, and
- Electric

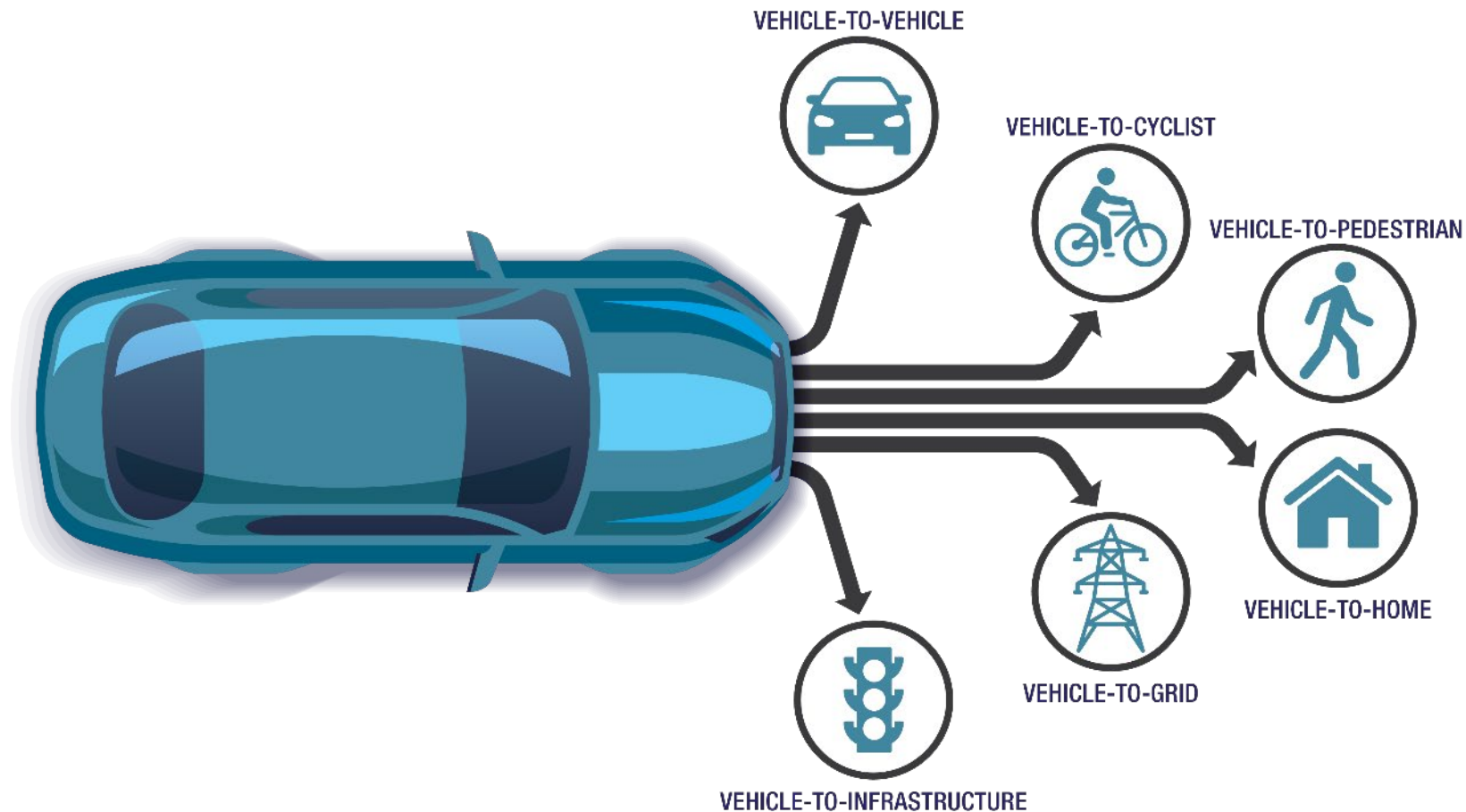


Google "Gumdrop" vehicle, November 2-3, 2022

Source: iTunes



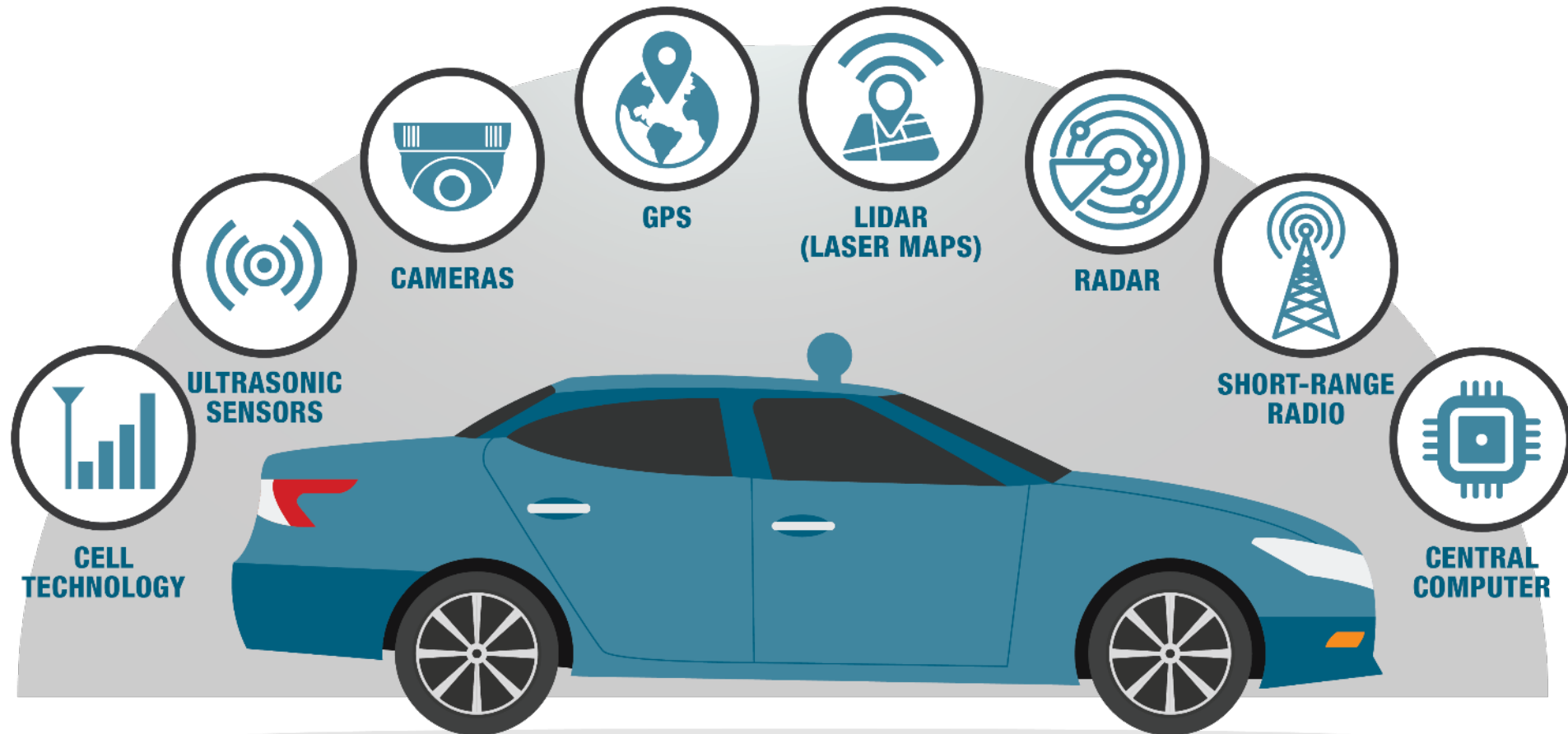
Connected Vehicles (CV)



Connected Vehicle Applications

- Signal Timing Display
- Intersection Interaction
- Red-Light Running
- Virtual DMS
- Curve Speed Warning
- Road Weather Warning
- Transit Priority
- Emergency Vehicle Priority
- School Zone Beacons
- Wrong Way Driving
- Railroad Crossing
- Rear End Collision Warning
- Work Zone Warning
- Active Pedestrian in Crosswalk
- Parking Information
- And More!

Autonomous Vehicle (AV)



Levels of Automation



How Does This Work?



CAVs Can Be Another Form of Shared Mobility



Electrification/Electric Vehicles (EV)



HYBRID

*Ford C-Max,
Toyota Prius*

Alternates gas engine/electric motor for higher gas mileage. No plug-in required.



PLUG-IN HYBRID

*Chevy Volt,
Toyota Prius Prime*

Primarily runs on electricity with a gas engine for backup.



ELECTRIC

*Nissan Leaf,
Chevy Bolt EV, Tesla*

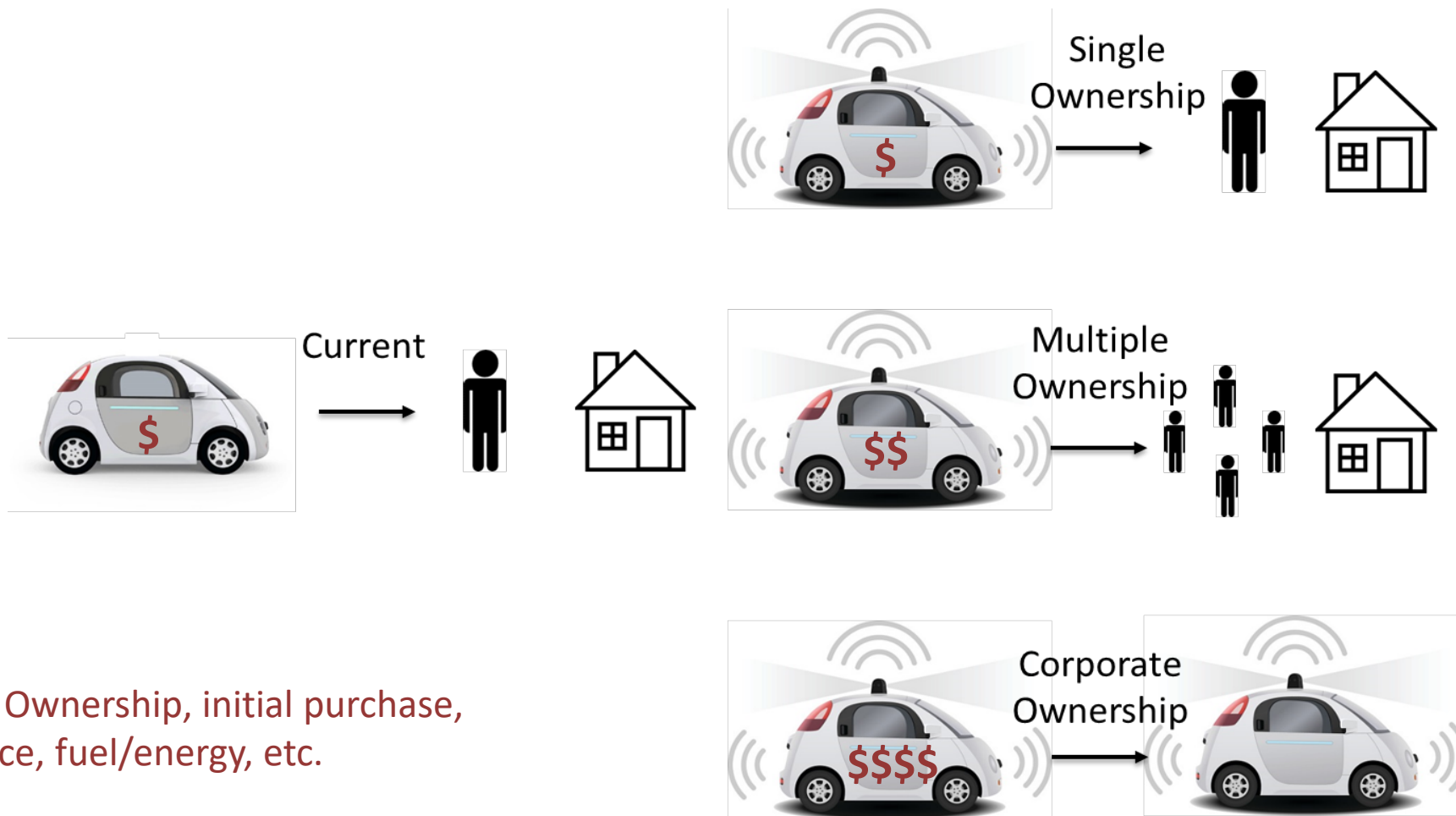
Runs on battery power only.

When Will Automated Vehicles Be in Widespread Use in North Carolina?

Maybe sooner than later

- Driverless testing is expanding both in geography and companies
- California has 8 different companies approved to do Driverless Testing on their roadways
- California will continue to approve companies for driverless deployment
- The continued growth in automated delivery devices and personal delivery devices
- People are paying for driverless rides in some cities
- The continued operation of driverless shuttles such as the one at the Wright Brothers National Park
- Trucks are already self driving in industrial mining sites
- Self-driving trucks are becoming more prevalent

With CAVs We Will Likely Need Fewer Cars



Waymo's Experience

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

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

Tipping the Scale with Beta?



Elon Musk and
Tesla have MOXIE

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

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

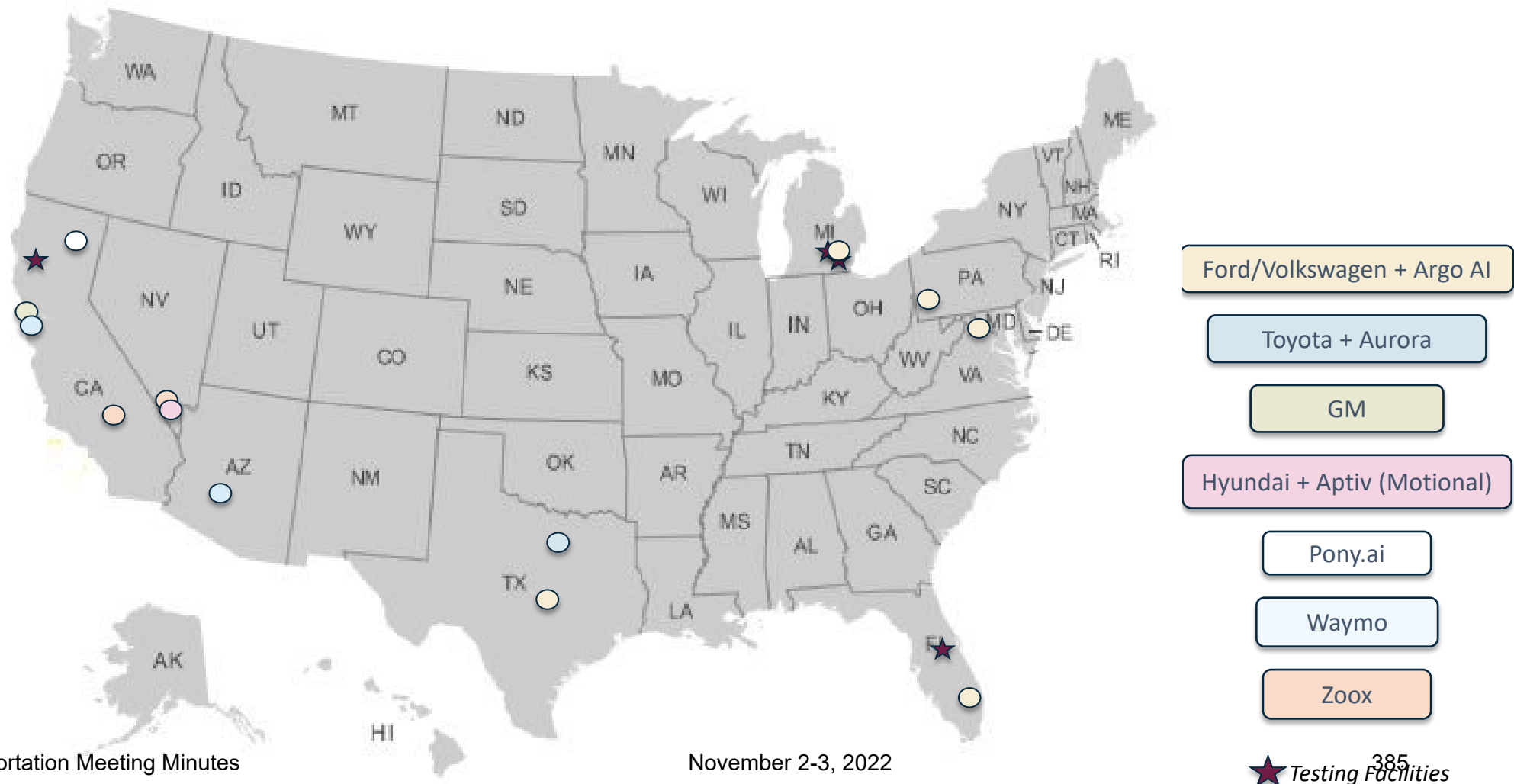
Tesla also has lawyers:

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

What About Trucks?



Where Are CAVs Testing?



Around the Country

Freight

- **Platooning**
 - PA-OH-MI
- **AV Hauling**
 - Sun Belt States
- **Fleet Management**
 - Aurora Beacon
- **Hub-Hub**
 - Volvo & DHL

Electrical

- **Charging Highway**
 - Detroit, MI

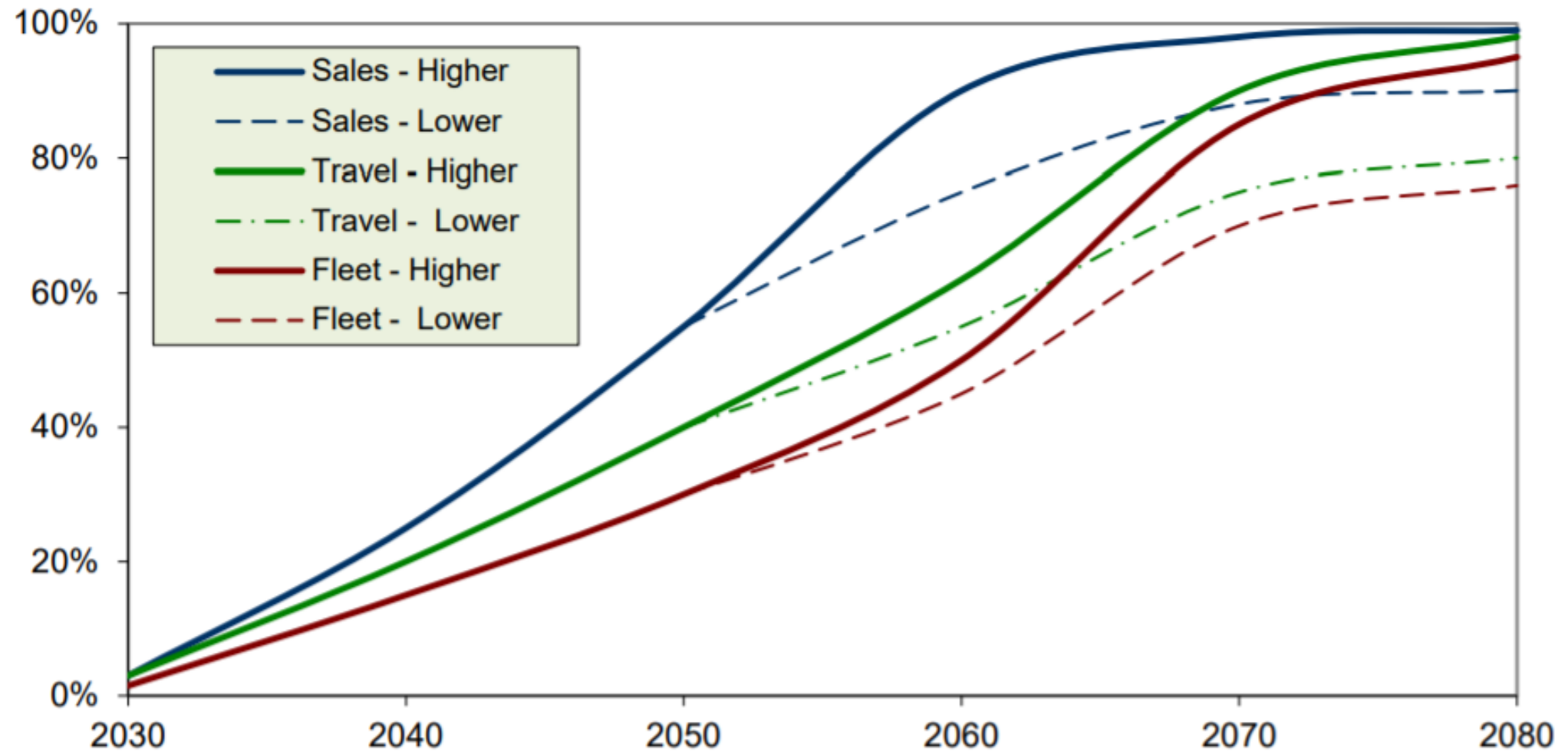
CV Test Beds

- **Real-World Open**
 - Novi, MI
 - Wyoming
 - Tampa, FL
 - New York City, NY
 - Arizona
 - California
- **Smart Corridors**
 - Atlanta, GA
 - Detroit, MI
 - Indiana
 - VA Smart Roads
 - Madison, WI
 - Ohio

AV Test Sites

- **Proving Grounds**
 - Pittsburgh, PA
 - Texas
 - Aberdeen (D.C./VA)
 - Detroit, MI
 - Contra Costa Co, CA
 - San Diego, CA
 - Iowa City, IA
 - Wisconsin
 - Central Florida
 - NC 540 – North Carolina

Recent CAV US Adoption Forecast



Quick Adoption Because...

- Safer
- Cheaper
- Benefits to groups of consumers
 - Older, younger, disabled, low-income, ...
- Technologies adopted quicker
- Manufacturer plans
- Little new infrastructure needed

Potential Challenges Could Be...

- Technology to achieve level 5 not quite around the corner
- Federal and State legislation and regulation
- NHTSA exemption process
- Public skepticism
- Liability and insurance concerns
- Too long to turn over the fleet

NCDOT Encourages CAV Adoption

- SAFETY!!
 - *NHTSA source: 94% of accidents involve human error*
 - Reduce 1,600 fatal and 125,000 injuries per year
- Provides mobility for more citizens
- Reduces congestion

Around the State (NC)

NCDOT Partnerships

• CV Projects

- EVAs on IMAP trucks
- Tethered UAV on IMAP
- Broadband Fiber Project
- Multi Modal CV Pilot (NCSU/Raleigh)
- Durham Signal Project – CV
- SPaT Challenge (Cary 2019)
- Town of Cary CV Project

• AV Projects

- CASSI
- ITSA AV Demonstration
- City of Wilson Microtransit

Research Opportunities

• NC Transportation Center of Excellence

- Advanced Transportation Safety and Policy (TSAP)
- Mobility and Congestion
- NC Center for Automated Vehicles (NC-CAV)
- Leveraging Centers of Excellence
- Impacts of Autonomous Vehicle Technology on Transportation Systems (completed)

▪ Demand Adjustment Research

- Scenario Testing
- Guidance on CAVs in Travel Demand Models

Organizations

• AASHTO CV and AV Working Group

- ACV/CAT Policy Principles

• NHTSA AV Project Tracking Website

- Tracking Test Initiatives

Legislative Activity in NC

Mar 2017	• Senate Law Review
Aug 2017	• HB 716 (Platooning) becomes law
Dec 2017	• Vehicle Technology Day
Dec 2017	• HB 469 (FAV) becomes law
Mar 2018	• FAV Committee Kickoff
Jul 2020	• SB 739 (PDD) becomes law
Nov 2021	• HB 814 (Neighborhood Occupantless) becomes law

Personal Delivery Device

A self driving device that can deliver items without a person operating the device



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State Law for Zero Occupant Vehicle

Neighborhood occupantless vehicle. – A low-speed vehicle that is also a fully autonomous vehicle, designed to be operated without an occupant and used to transport cargo. A fully autonomous vehicle is defined in G.S. 20-400.

Allows operation on certain roads and conditions:

- Only on streets and highways where the posted speed limit is 45 miles per hour or less.
- Must be operated in the right-hand travel lane or as close as practicable to the right-hand curb or edge of the street or highway, except when preparing for a left turn.
- On a highway with two travel lanes, the operator of the neighborhood occupantless vehicle must turn off the roadway to a controlled stop as soon as practicable and when it is safe to do so to allow faster moving vehicles to pass when passing is unsafe because of traffic in the opposite direction or other conditions and there are five or more vehicles immediately behind the neighborhood occupantless vehicle.

Operator Defined. – For the purposes of this section, an "operator" is a person that enables or controls, or is responsible for enabling or controlling, **with or without remote support**, the operation of a neighborhood occupantless vehicle.

Pooled Fund Study: Capacity Adjustments

- Ten states, including NC, contributed money and time to pooled fund study
- Led by Oregon DOT, 2018-2022
- Contractor was Kittelson in Wilmington, NC
- For freeways, road segments, and intersections
- Final report posted at
<https://www.oregon.gov/odot/Programs/ResearchDocuments/CAVinHCMPhase1-2.pdf>

Example Result

Signalized Through Movement

Proportion of CAVs in Traffic Stream	Saturation Flow Adjustment Factor
0	1.00
20	1.05
40	1.13
60	1.18
80	1.34
100	1.52

What's Next for NCDOT Projects?

- Do roadway designs change?
 - Intersections, driveways, curves, barriers,...
- CAV-priority facilities?
- Pavement and bridge designs?
- Freight facilities?
- Lighting?
- Noise walls?
- Traffic control devices?

Bigger Picture--Needed Actions

- Federal legislation and regulation on vehicles
- State legislation
 - NCDOT funding, CAV companies share data
- Local governments
 - Planning, land use changes, parking, curb management
- Courts (liability)
- Education of public
- Train people for new businesses
- More research and implementation

Questions?

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(919) 707-2825

Joe Hummer
jehummer@ncdot.gov
(919) 814-5040



NORTH CAROLINA

Department of Transportation



S-Line Rail Corridor Updates

Jason Orthner, P.E., CPM
Director, Rail Division

Ryan Brumfield, P.E.
Director, Integrated Mobility Division

November 2, 2022

Agenda



What is the S-Line? Why is it important?



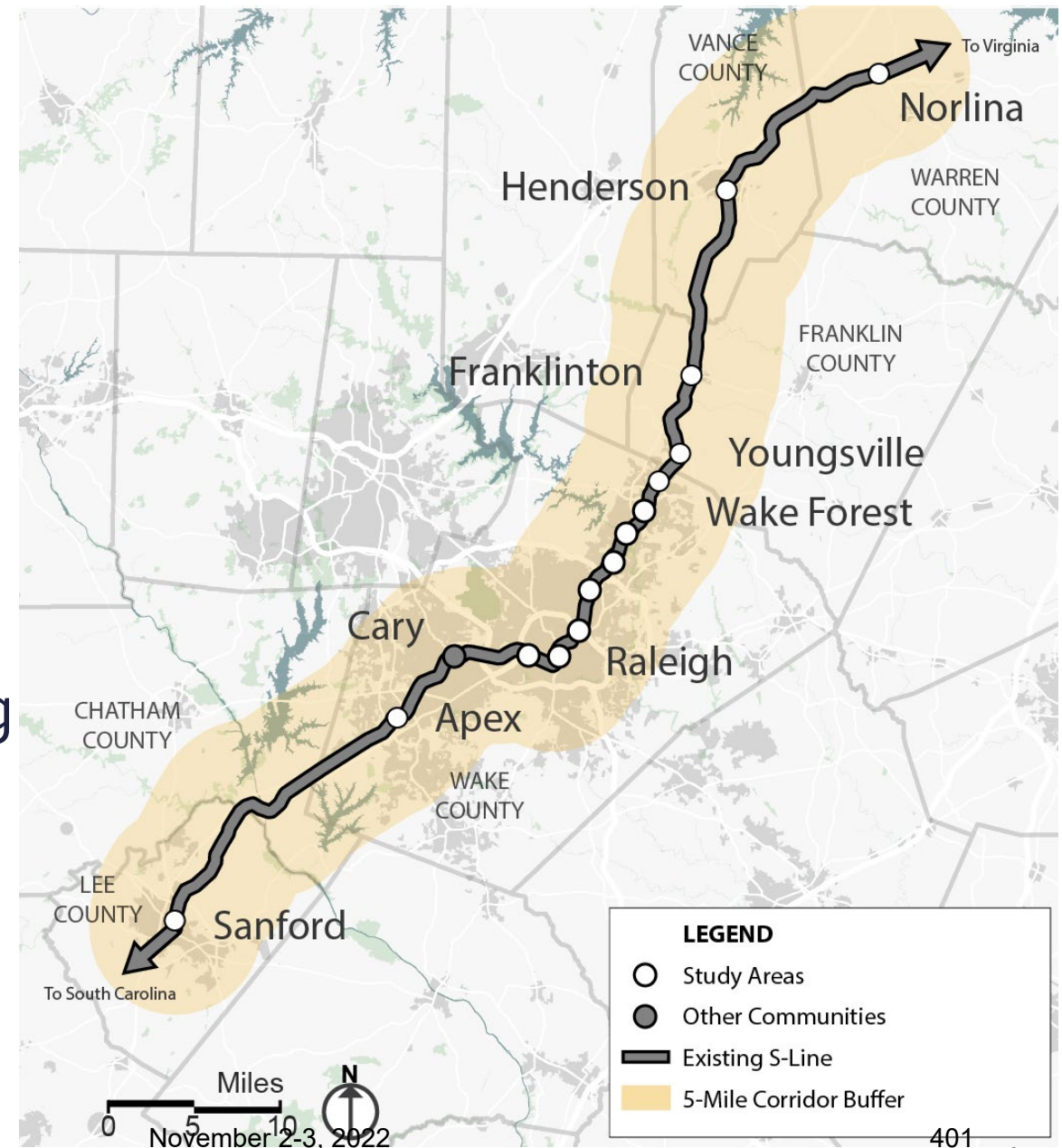
Current Activities



TOD and Mobility Hub Planning



Funding and Next Steps



The S-Line – Gateway to the Southeast

The corridor represents the only opportunity to create additional capacity and connect the Southeast and Northeast with regular high performance rail service as other North-South corridors are reserved for high volume freight.

1992 FRA designated the Southeast Corridor



2002 Charlotte to DC Tier I Record of Decision



2017 Raleigh to Richmond Tier II Record of Decision

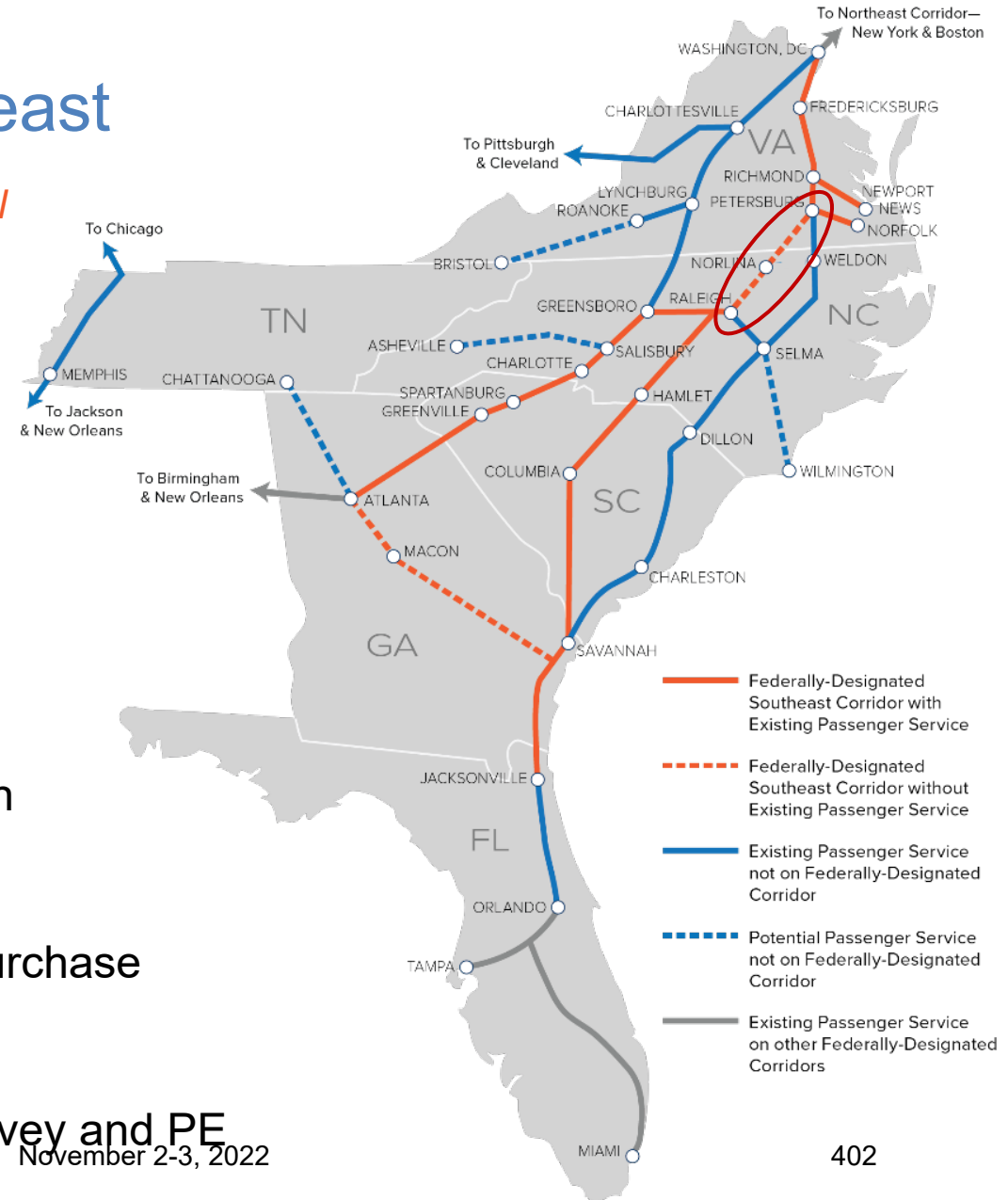


2020 NCDOT wins \$48M CRISI grant for corridor purchase



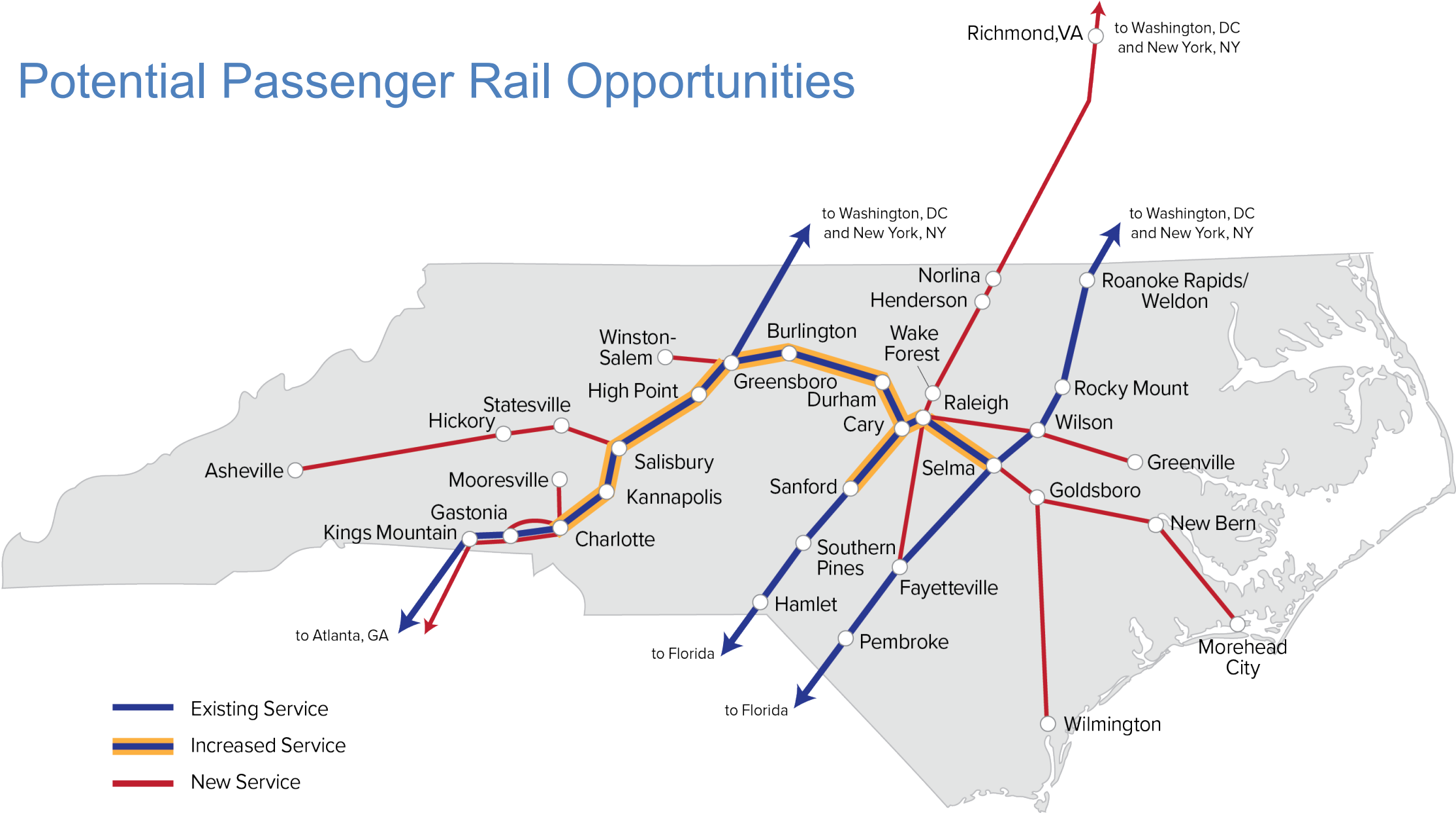
2022 NCDOT / VPRA win \$58M CRISI grant for Survey and PE

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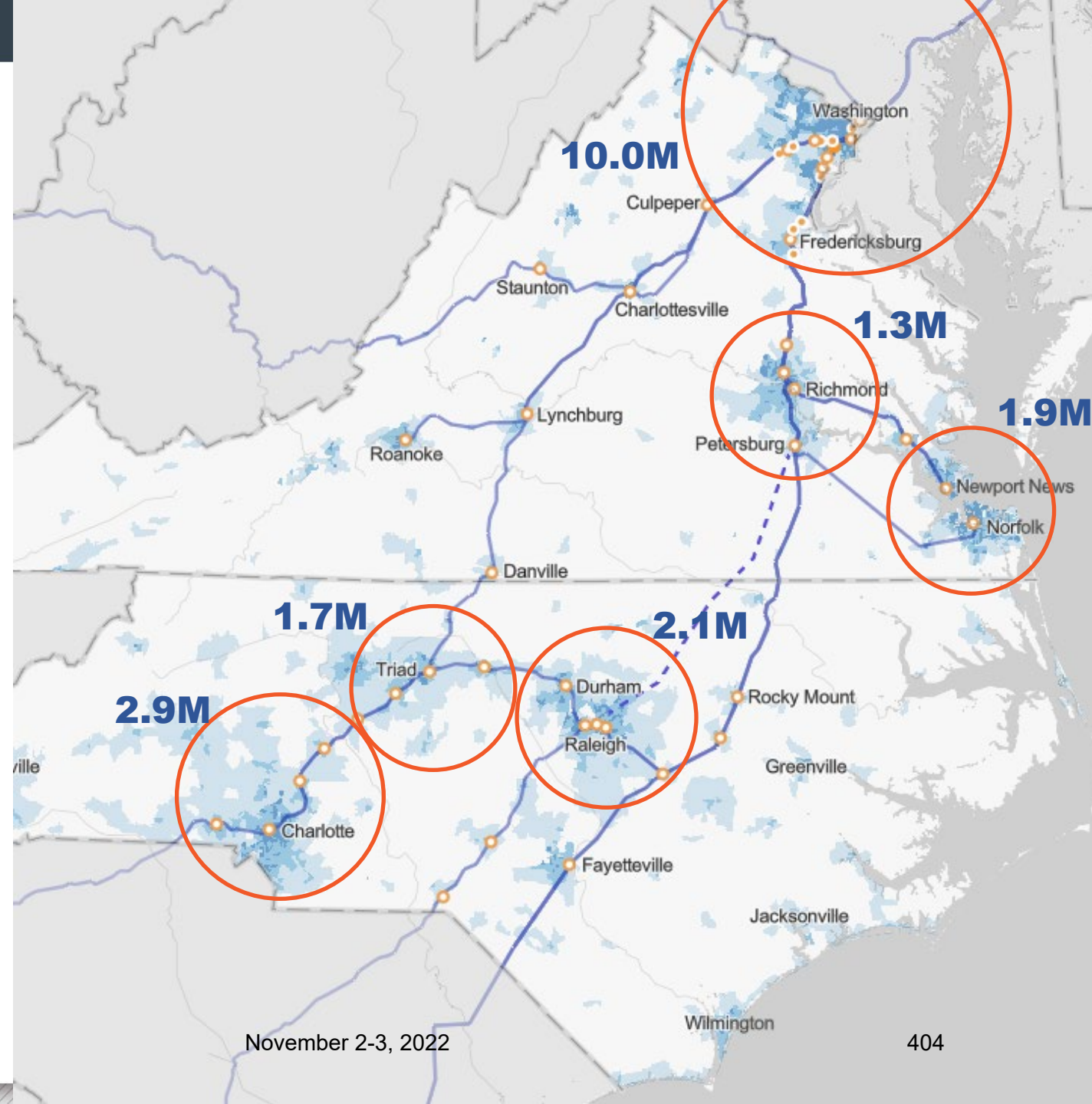
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Potential Passenger Rail Opportunities

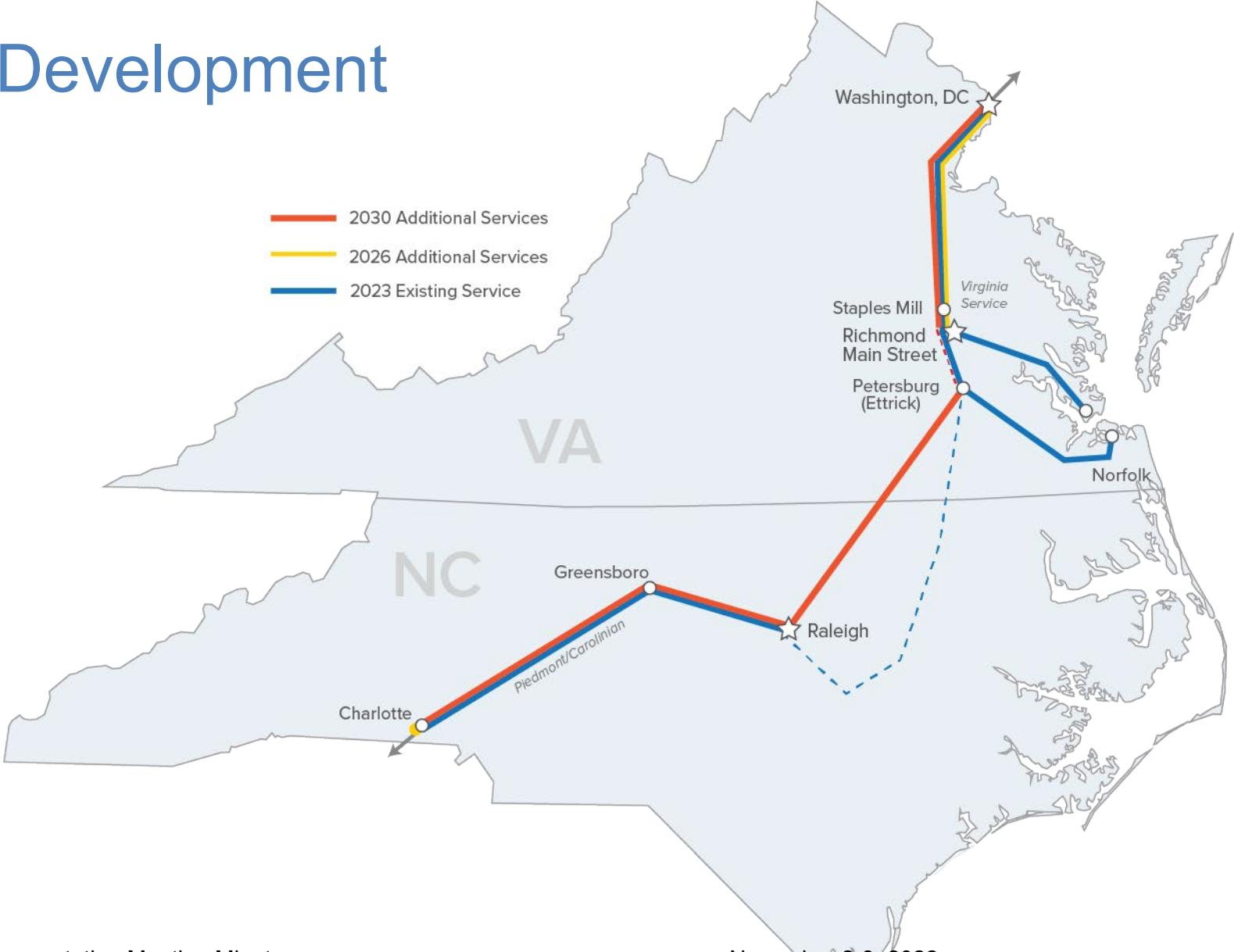


Regional Benefits: New Service Goals

- Direct connection between urban centers – 20M people- estimated to be 25M by 2040
- Additional capacity and over an hour in travel time saved
- Backbone of regional multi-modal connectivity
- Critical to further expanding the NC passenger rail system
- Provides freight network resiliency
- Environmental benefits
- Expands service to disadvantaged and underserved regions

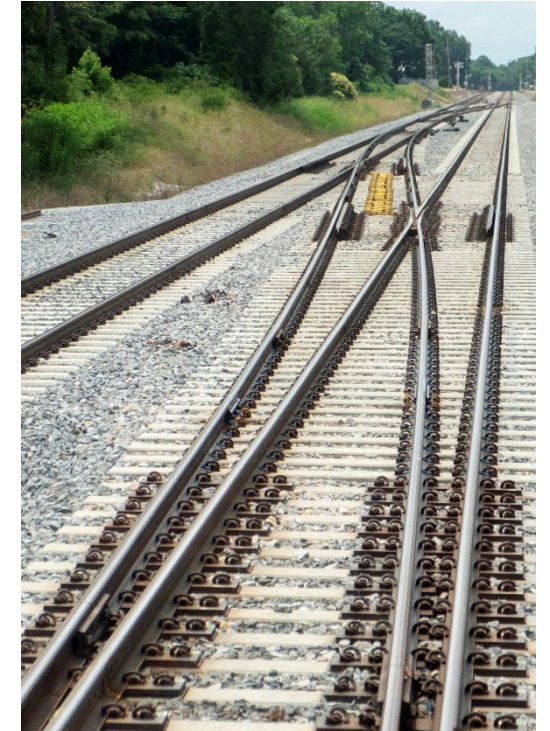


Service Development

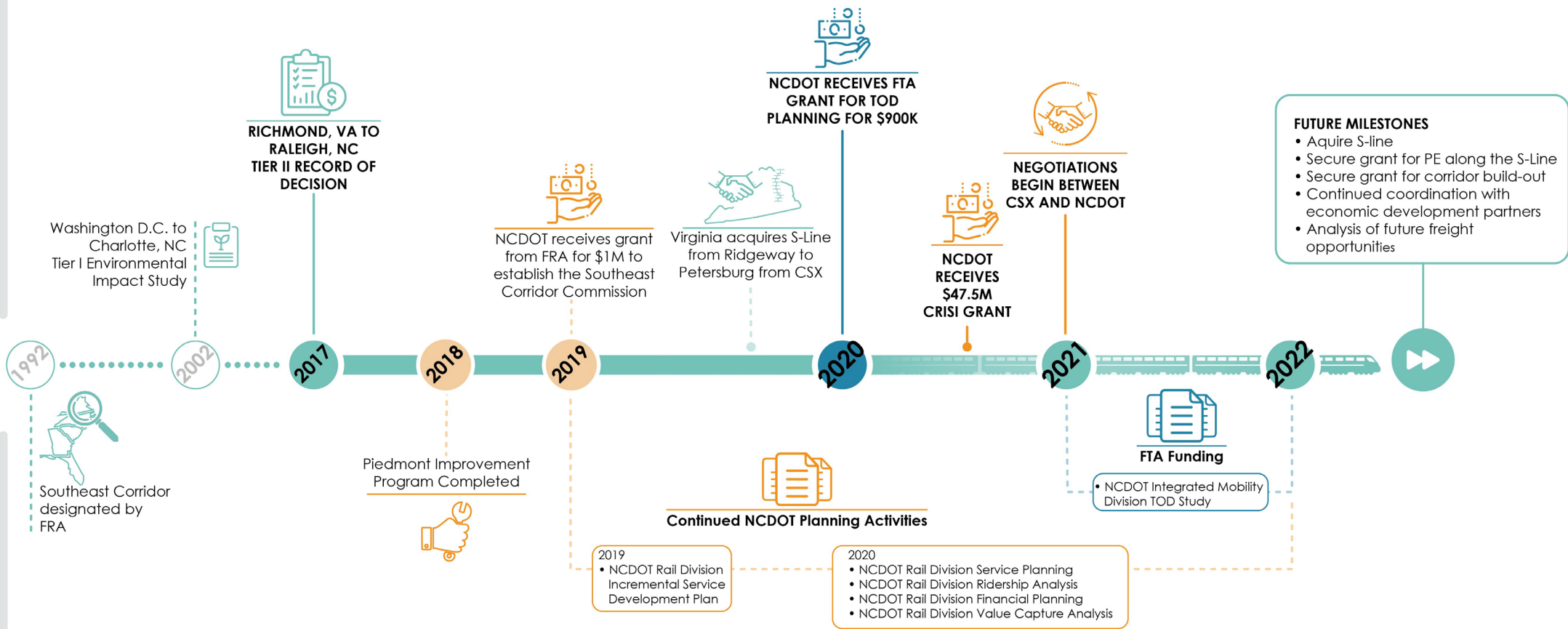


We are building one of the most technologically advanced railroads in the Southeast

- 110 MPH passenger railroad
- 91 new grade separations
- Concrete ties
- High speed switches
- High level platforms
- Freight bypass tracks
- Positive Train Control
- Advanced signal systems



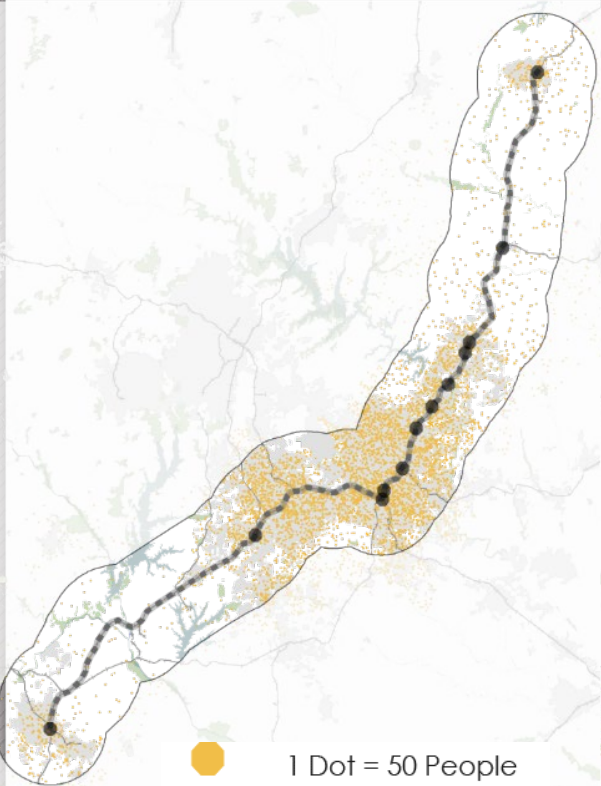
S-LINE TIMELINE



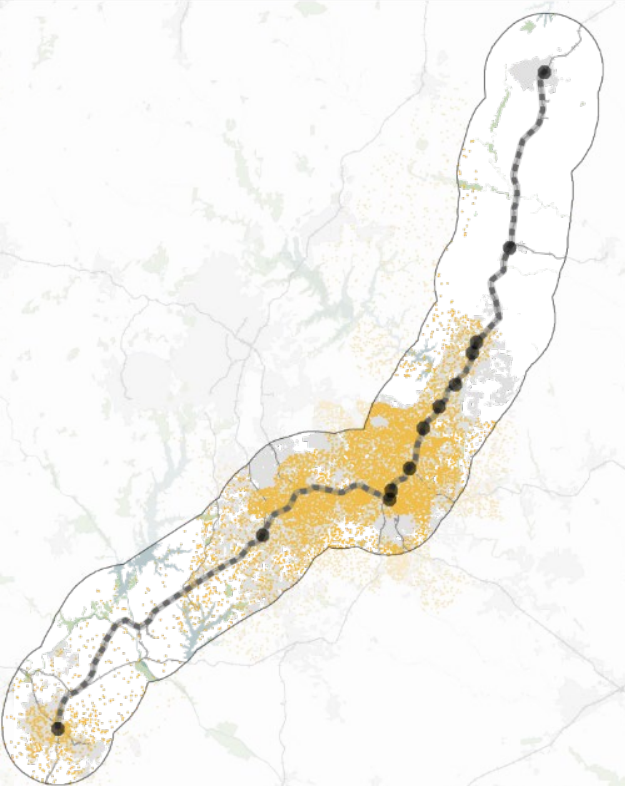
Why is the S-Line Important?

Growth & Change

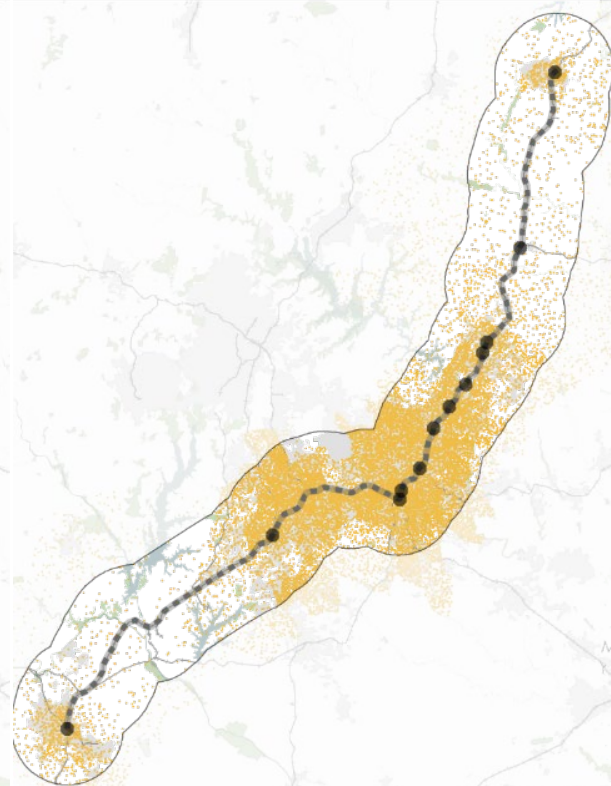
2000 Population



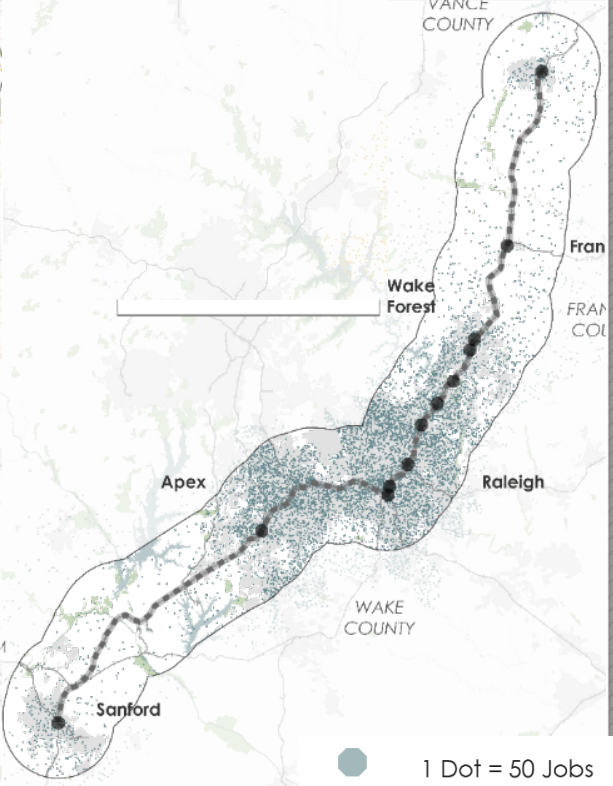
2010 Population



2019 Population



2019 Jobs



40% of people who live within the study corridor*, also work within the study corridor.

860K residents within the study corridor. (That's 310,000 new residents since 2000.)

440K jobs within the study corridor

Why is the S-Line Important? *Where People Work & Live*



34% Residents in the study corridor
live 25+ miles from work

10,600 People who live in the study corridor,
work within ½ mile of a TOD study area

23% Of those residents make less than
\$1,250/month

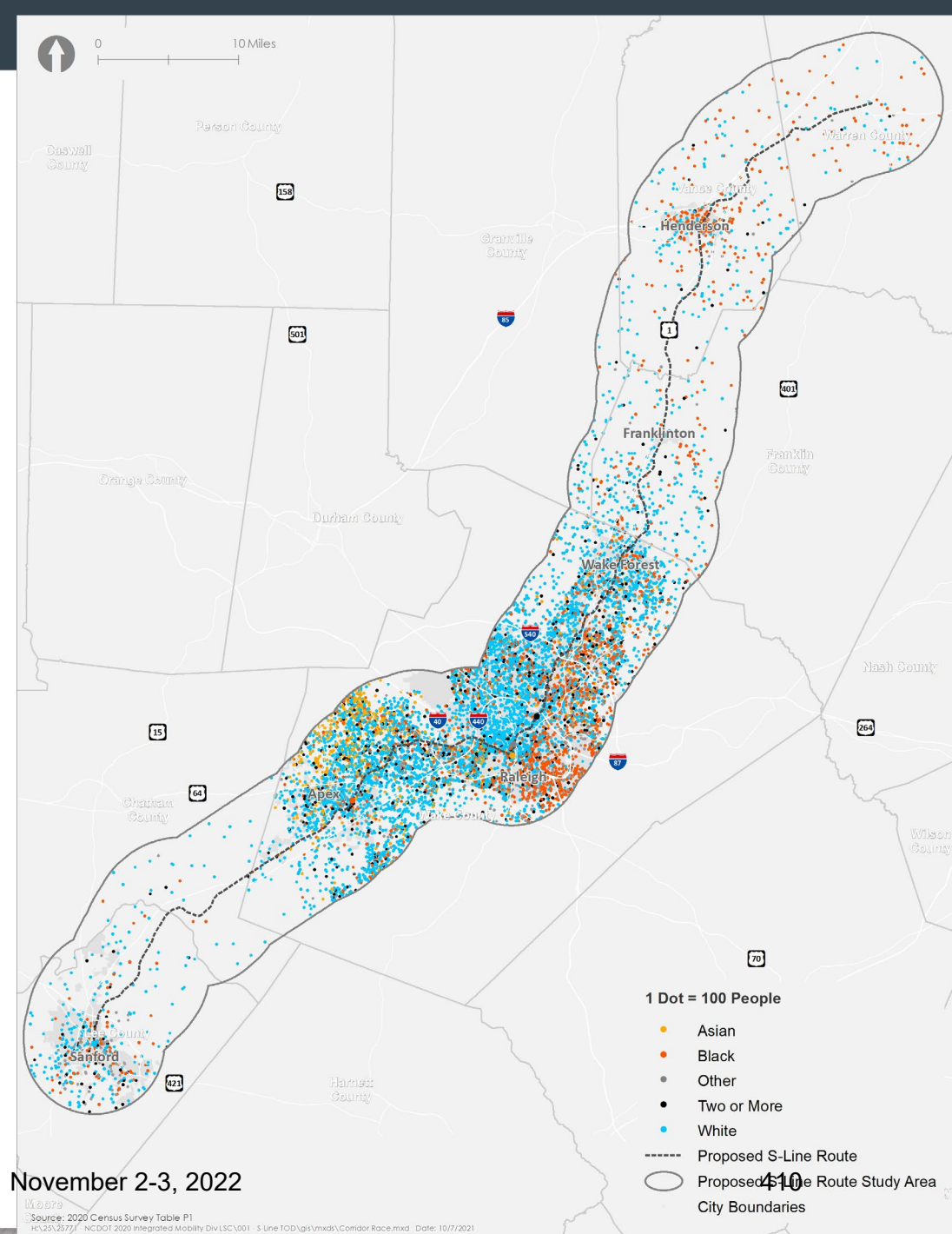
Why is the S-Line Important?

Equity & Demographics

42% Minority

14% 65-years & older

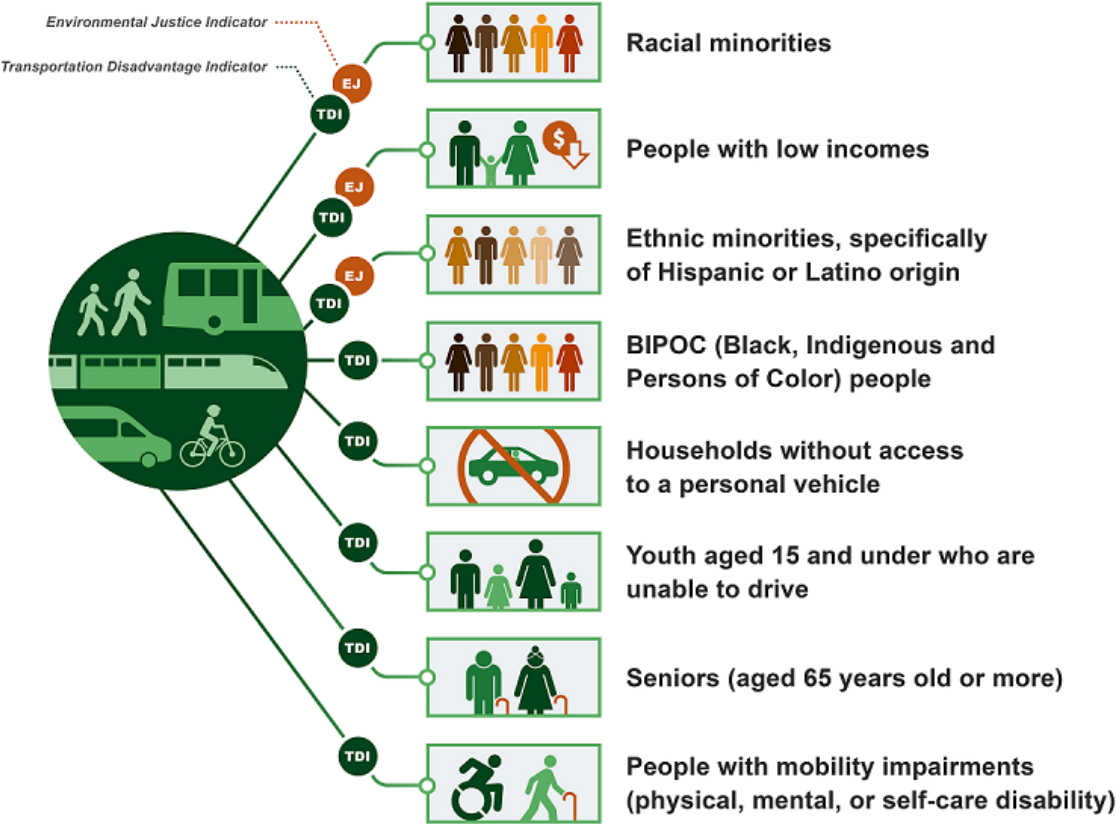
14% Low-income households



Equity and Transportation Disadvantage Screening Tool

Transportation barriers and disadvantage may occur at the intersection of the following factors:

Each mapping tool has a specific purpose:



EJ Index Score

Provides a score for a Census block group based on concentrations of ethnic and racial minorities and poverty status compared to state-wide averages.

TDI Score

Provides a score for a Census block group based on concentrations of six factors compared to state-wide averages.

EJ Dashboard & TDI Dashboard

Generates a dynamic score for a block group based on the selected index and geographic scale.

Transportation Disadvantage Dashboard

Population Average for North Carolina

Age 15 and Under:
18%

Age 65 and Over:
16%

Poverty:
24%

BIPOC Population:
31%

Zero-Car Households:
6%

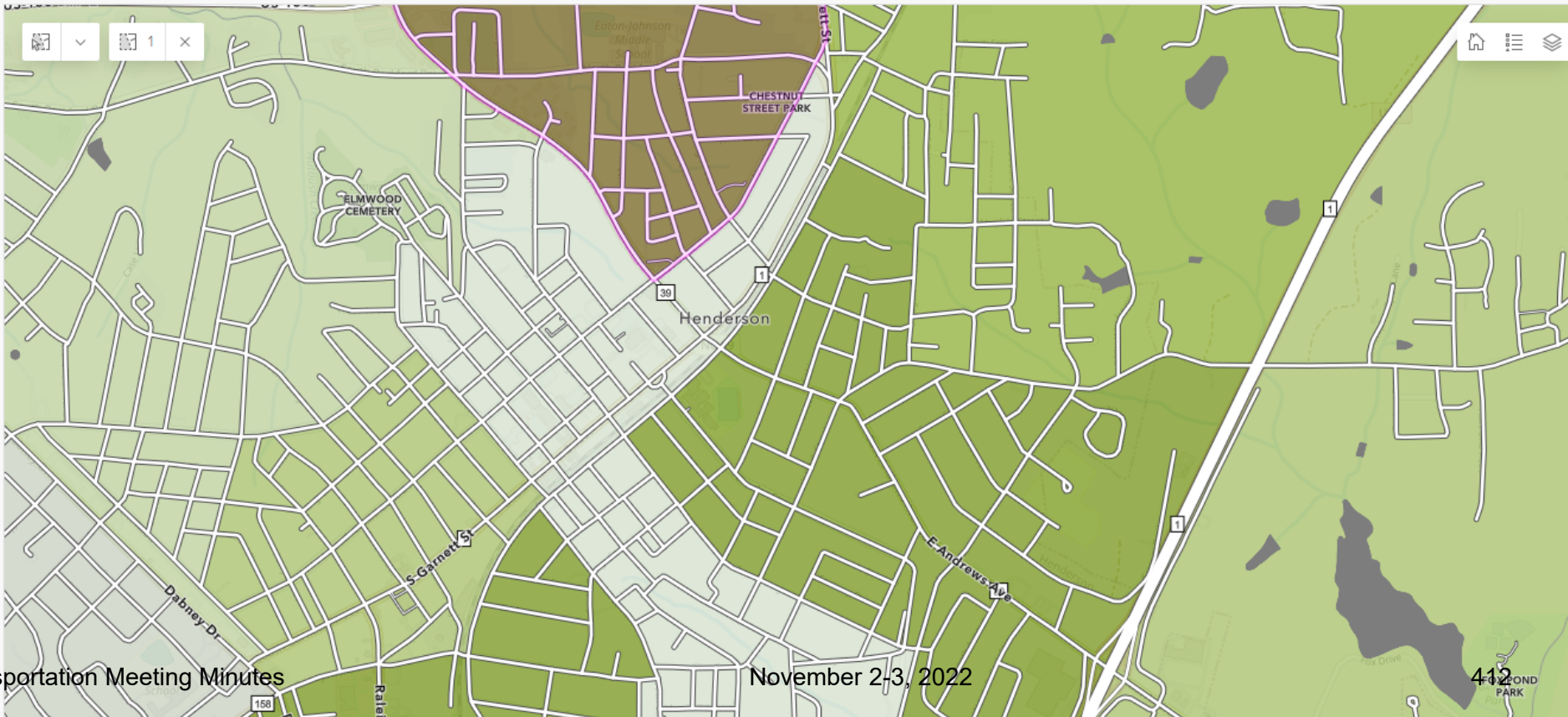
Disability (Adult Population):
16%

Transportation Disadvantage Factors

Block Group ID: 371819605002

TDI Score, relative to State (max=18)	17
TDI Index Score, relative to County	15
TDI Index Score, relative to Division	17
TDI Index Score, relative to MPO	16
Age 15 and Under	30% (vs NC Average of 18%)
Age 65 and Over	22% (vs NC Average of 16%)
Poverty	67% (vs NC Average of 24%)
BIPOC Population	91% (vs NC Average of 31%)
Zero-Car Households	26% (vs NC Average of 6%)
Disability Prevalence (Adult Population)	35% (vs NC Average of 16%)

Transportation Disadvantage Index Scores



Getting Communities Transit Ready

- NCDOT Integrated Mobility Division applied for an FTA TOD Planning Grant
- Awarded \$900,000
- 7 communities were financially contributing partners

*"Our community was **founded on rail** traffic in 1841. It is only natural that our resurgence is based on this same driving force for economic development, **connecting us to greater opportunities**. The regional cooperation and resulting benefit this project represents is government at its best."*

- Mayor Eddie Ellington, Henderson

Home » News » Press Releases » NCDOT Awarded Grant for Development Planning Near Passenger Rail Stations



NCDOT Awarded Grant for Development Planning Near Passenger Rail Stations

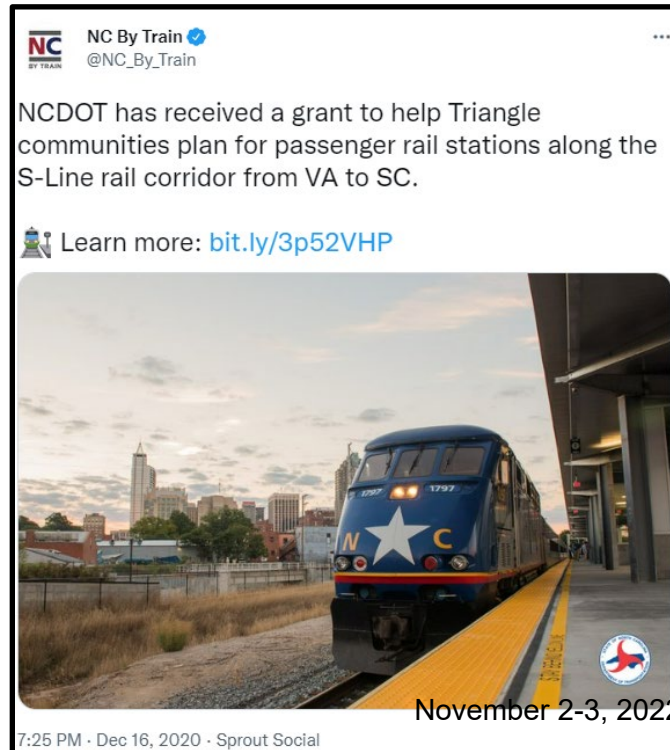
Federal funding will help communities plan for development on S-Line corridor

Published Date:

12/16/2020

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and the N.C. Department of Transportation's
help Triangle area communities create plans

at the Virginia border, runs through

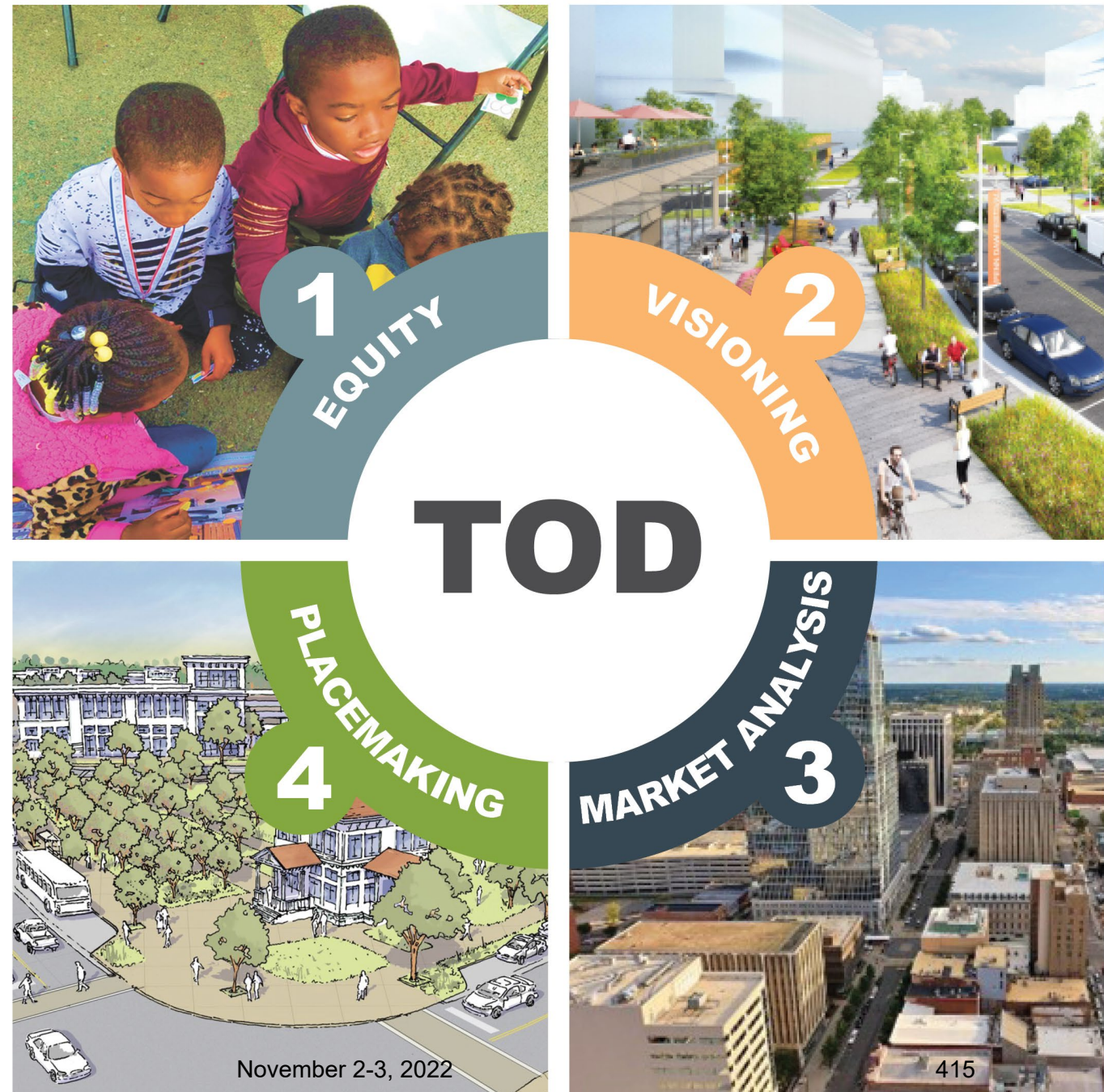
that understand how passenger rail service
NCDOT's deputy secretary for Multimodal
passenger rail to better connect rural and
future projects."

TOD Study Partners



CORE VALUES FOR TOD

- 1 Equity-driven process and outcomes
- 2 Community-championed **visioning**
- 3 Implementation-focused market analysis grounded in place and reality
- 4 **Placemaking** through integration of land use + urban design + transportation

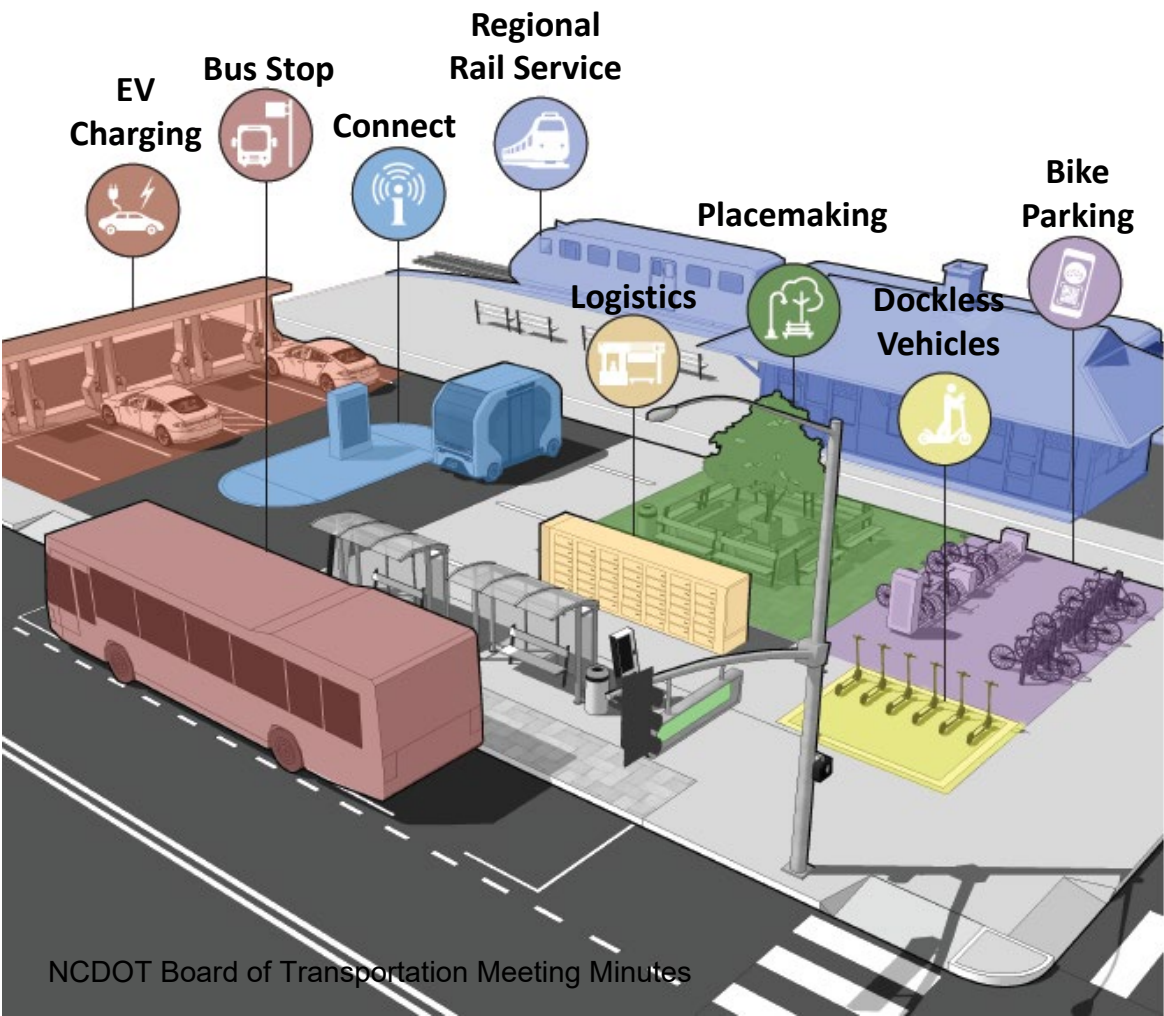


TOD Study Process



Mobility Hubs & Connectivity

NCDOT is partnering with local communities to envision stations along the corridor as mobility hubs



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NORLINA HENDERSON FRANKLINTON YOUNGSVILLE WAKE FOREST APEX SANFORD

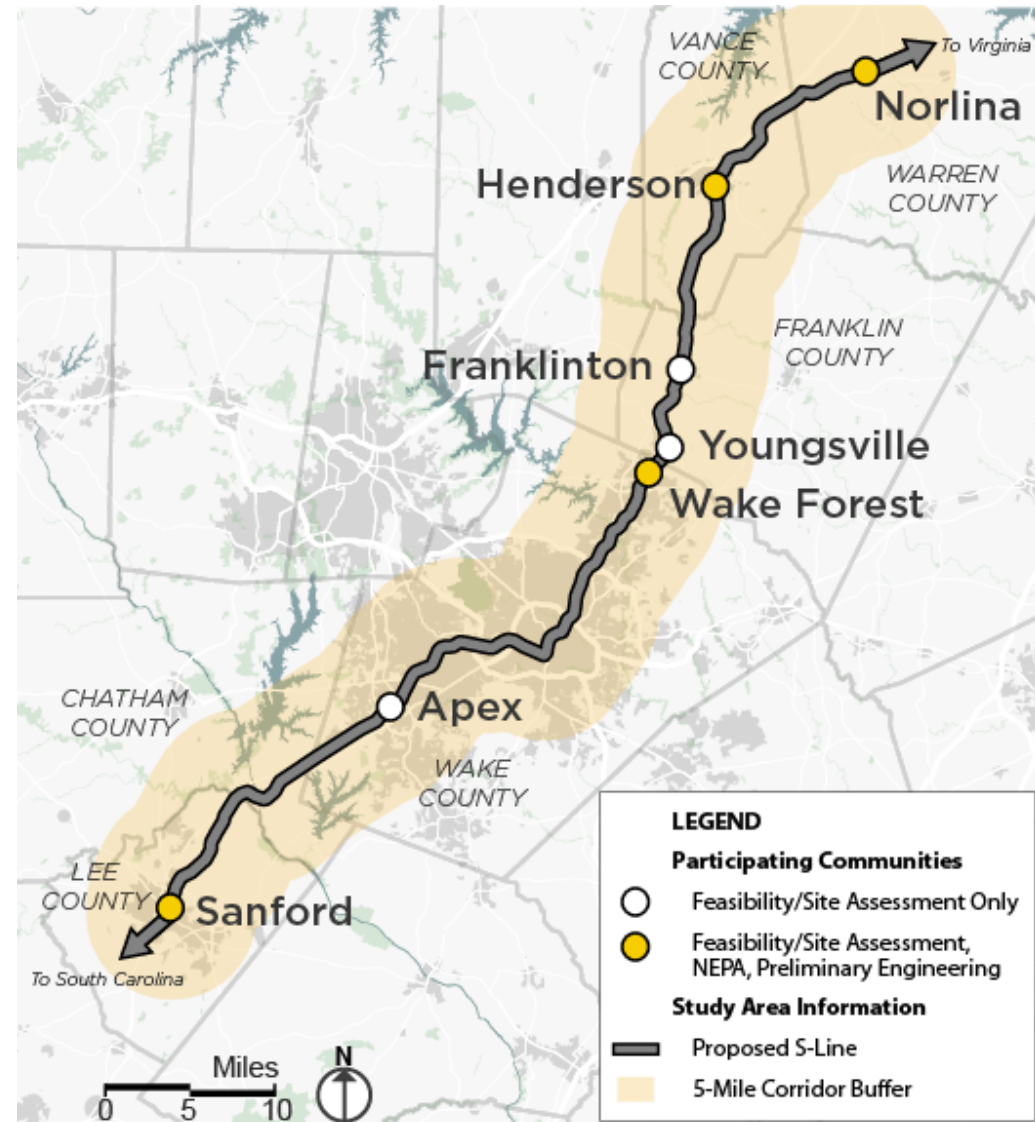
NORTH CAROLINA REGIONAL S-LINE MOBILITY HUB PLAN

2022 RAISE Grant Application

APEX Franklinville Henderson Johnston Wake TOWN of WAKE FOREST

Mobility Hub Planning

- RAISE Grant Awarded in August
- Total Project Cost = \$4.25 million
- Community Match = \$850,000
- Activities include:
 - Feasibility/Site Assessment
 - NEPA Compliance
 - Preliminary Engineering



S-Line Rail Infrastructure Grants

SECURED GRANTS:

- **\$47.5M CRISI grant**
 - Purchase CSX Corridor
- **\$900K TOD Planning**
- **\$57.9M CRISI grant**
 - Land surveying, NEPA, preliminary engineering
 - Recently held Industry Day
- **\$3.4M RAISE grant**
 - Mobility Hub Plan

NCDOT Board of Transportation Meeting Minutes



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Upcoming S-Line Grant Opportunities

- **FY 2022 Rail Crossing Elimination Program**
 - Franklinton & Youngsville
 - Applications due October 4, 2022
 - Anticipate Award January 2023
 - **FY 2022 CRISI Grant NOFO**
 - Released September 2, 2022
 - **FY 2022 Federal State Partnership NOFO**
 - Anticipate NOFO October 2022
 - **Corridor Identification NOFO**
 - Anticipated Fall 2022
- NCDOT Board of Transportation Meeting Minutes



Next Steps

- ✓ Prepare future grant applications
- ✓ Continue strong coordination with VPRA, Amtrak, freight railroads, communities, and other stakeholders
- ✓ Expedite R2R PE Program
- ✓ Continue to look for opportunities to accelerate delivery of R2R and expand rail services
- ✓ Continue analysis of additional corridors for future rail services

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

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

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

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

NOW, THEREFORE, BE IT RESOLVED:

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

That appropriate signs will be erected at a suitable time.

Adopted this the 3rd day of November by the North Carolina Board of Transportation.


Chairman


Secretary of Transportation

RESOLUTION FOR OSCAR N. HARRIS BRIDGE

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

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

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

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

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

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

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

NOW, THEREFORE, BE IT RESOLVED:

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

That appropriate signs will be erected at a suitable time.

Adopted this the 3rd day of November by the North Carolina Board of Transportation.


Chairman


Secretary of Transportation