



AGENDA
North Carolina Board of Transportation
Virtual Meeting
January 6-7, 2021

Wednesday, January 6, 2021

9:00AM – 9:30AM

Audit Committee	<p style="text-align: right;">Board Room (150)</p> <p style="text-align: right;">Important Note: Members of the Board will participate via Microsoft Teams</p> <p>Members of the Public may access the meeting via the live stream https://livestream.com/nc-dot</p>
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9:30AM – 10:00AM

Road, Bridge and Ferry Naming Committee	<p style="text-align: right;">Board Room (150)</p> <p style="text-align: right;">Important Note: Members of the Board will participate via Microsoft Teams</p> <p>Members of the Public may access the meeting via the live stream https://livestream.com/nc-dot</p>
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10:30AM – 11:30AM

Highways Committee	<p style="text-align: right;">Board Room (150)</p> <p style="text-align: right;">Important Note: Members of the Board will participate via Microsoft Teams</p> <p>Members of the Public may access the meeting via the live stream https://livestream.com/nc-dot</p>
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10:30AM – 11:30AM

Multi-Modal Committee	<p style="text-align: right;">EIC Conference Room</p> <p style="text-align: right;">Important Note: Members of the Board will participate via Microsoft Teams</p> <p>Members of the Public may access the meeting via the live stream https://livestream.com/nc-dot</p>
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1:00PM

WORK SESSION – FULL BOARD ATTENDANCE

Finance Committee (formerly called the Funding Appropriation and Strategies – FAST Committee)	<p style="text-align: right;">Board Room (150)</p> <p style="text-align: right;">Important Note: Members of the Board will participate via Microsoft Teams</p> <p>Members of the Public may access the meeting via the live stream https://livestream.com/nc-dot</p>
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2:45PM

Advanced Technologies (ATC) Committee	<p style="text-align: right;">Board Room (150)</p> <p style="text-align: right;">Important Note: Members of the Board will participate via Microsoft Teams</p> <p>Members of the Public may access the meeting via the live stream https://livestream.com/nc-dot</p>
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NORTH CAROLINA BOARD OF TRANSPORTATION MEETING

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

Thursday, January 7, 2021

9:00AM

Location: Conference Call

- Call to Order
- Ethics Statement
- Approval of December 2, 2020 Meeting Minutes
- Secretary's Remarks

Chairman Fox

Secretary Boyette

Information and Delegated Authority

Chairman Fox

Product Evaluation Program Awareness

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

Action

Chairman Fox

Project Items

- (Item G) Additions, Abandonments, and Road Name Changes to State Secondary Road System
(Item I) Public Transportation Program
(Item-1) Public Transportation
(Item-2) Rail Program
(Item I-4) Aviation
(Item K) North Carolina Highway Trust Funds
(Item M) Funds for Specific Federal-Aid Projects
(Item N) Revisions to the 2020-2029 STIP
(Item O) Municipal and Special Agreements
(Item P) Municipal Street System Changes
(Item R) Right of Way Resolutions and Ordinances
(Item T) Submission of Comprehensive Transportation Plans for Mutual Adoption by the Board of Transportation

Committee Reports

Chairman Fox

Other Business

Chairman Fox

Adjourn

Chairman Fox

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

January 7, 2021

Delegated Authority Secretary Boyette

- (Item C) Award of Highway Construction Contracts from December 2020 Letting
- (Item D) Award of Contracts to Private Firms for Engineering Services
- (Item E) Funds for Secondary Road Improvement Projects – Highway Fund and Highway Trust Fund
- (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
- (Item V) **(No Item)**

NCDOT Board of Transportation Agenda

ITEM C

December 15, 2020

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

HIGHWAY LETTING
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH N.C.
 DECEMBER 15, 2020
 DIVISION 00001

C204530
 48827.3.1
 2020001
 NORTHAMPTON
 BR-0118

PROPOSAL LENGTH 0.176 MILES

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

LOCATION BRIDGE #93 OVER JACKS SWAMP ON SR-1203 (JACKS SWAMP RD).

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

RPN 002 10 BIDDER(S) DBE GOAL 7.00 %

ESTIMATE 994,146.41

DATE AVAILABLE JAN 25 2021

INTER COMPLETION OCT 15 2021 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR PERMENANT VEGETATION ESTABLISHMENT

FINAL COMPLETION APR 13 2022

	\$ TOTALS	% DIFF
DELLINGER INC MONROE, NC	910,000.00	-8.5
S T WOOTEN CORPORATION WILSON, NC	1,027,920.90	+3.4
NATIONAL BRIDGE BUILDERS LLC KERNERSVILLE, NC	1,109,488.90	+11.6
W C ENGLISH INCORPORATED LYNCHBURG, VA	1,114,218.54	+12.1
SANFORD CONTRACTORS INC LEMON SPRINGS, NC	1,154,000.00	+16.1
DANE CONSTRUCTION INC MOORESVILLE, NC	1,193,572.40	+20.1
SLOAN CONSTRUCTION A DIVISION OF REEVES CONSTRUCTION CO DUNCA	1,229,416.48	+23.7
UNITED CONTRACTORS, INC. DBA UNITED CONTRACTORS INC. OF IOWA JO	1,367,402.05	+37.5
FIELDER'S CHOICE ENTERPRISES, INC. CHARLOTTESVILLE, VA	1,397,167.65	+40.5
T A LOVING COMPANY GOLDSBORO, NC	1,515,400.00	+52.4

HIGHWAY LETTING
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH N.C.
 DECEMBER 15, 2020
 DIVISION 00003

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 ITEM C
 *RELET FROM JUNE 18 2019

*C204561
 15BPR.24
 STATE FUNDED
 BRUNSWICK

PROPOSAL LENGTH 0.360 MILES

TYPE OF WORK BRIDGE PRESERVATION.

LOCATION BRIDGE #13 OVER THE INTRACOASTAL WATERWAY ON NC-904.

EST CONST PROGRESS.... FY-2021..36% OF BID
 FY-2022..64% OF BID

RPN 001 8 BIDDER(S) DBE GOAL 0.00%

ESTIMATE 3,433,926.35

DATE AVAILABLE MAR 15 2021

FINAL COMPLETION MAY 01 2022

	\$ TOTALS	% DIFF
FREYSSINET, INC STERLING, VA	2,809,675.30	-18.2
BUCKEYE BRIDGE LLC CANTON, NC	3,108,019.75	-9.5
LANFORD BROTHERS CO., INC. ROANOKE, VA	3,236,224.97	-5.8
COASTAL GUNITE CONSTRUCTION COMPANY CAMBRIDGE, MD	3,328,330.81	-3.1
SLOAN CONSTRUCTION A DIVISION OF REEVES CONSTRUCTION CO DUNCA	3,699,185.75	+7.7
AMERICAN CONTRACTING & SERVICES INC JEFFERSONVILLE, IN	3,751,436.21	+9.2
SOUTHERN ROAD & BRIDGE LLC TARPON SPRINGS, FL	4,496,388.40	+30.9
CEKRA INC WILMINGTON, NC	7,852,780.00	+128.7

JUNE 18, 2019 LETTING

15BPR.24
STATE FUNDED
BRUNSWICK
RPN 002

BRIDGE PRESERVATION.

DATE AVAILABLE JUL 29 2019
FINAL COMPLETION AUG 01 2020

ENGINEER'S ESTIMATE

\$2,819,010.80

	\$ TOTALS	% DIFF
SOUTHERN ROAD & BRIDGE LLC TARPON SPRINGS, FL	3,773,662.50	+30.9
AMERICAN CIVIL CONSTRUCTORS WEST COAST LLC BENICIA, CA	3,884,000.00	+37.8
AMERICAN CONTRACTING & SERVICES CO., INC. JEFFERSONVILLE, IN	4,371,617.42	+55.1
LANFORD BROTHERS CO., INC. ROANOKE, VA	4,591,867.60	+62.9

DECEMBER 15, 2020 LETTING

15BPR.24
STATE FUNDED
BRUNSWICK
RPN 001

BRIDGE PRESERVATION.

DATE AVAILABLE MAR 15 2021
FINAL COMPLETION MAY 01 2022

ENGINEER'S ESTIMATE

\$3,433,926.35

	\$ TOTALS	% DIFF
FREYSSINET, INC STERLING, VA	2,809,675.30	-18.2
BUCKEYE BRIDGE LLC CANTON, NC	3,108,019.75	-9.5
LANFORD BROTHERS CO., INC. ROANOKE, VA	3,236,224.97	-5.8
COASTAL GUNITE CONSTRUCTION COMPANY CAMBRIDGE, MD	3,328,330.81	-3.1
SLOAN CONSTRUCTION A DIVISION OF REEVES CONSTRUCTION CO	3,699,185.75	+7.7
AMERICAN CONTRACTING & SERVICES INC JEFFERSONVILLE, IN	3,751,436.21	+9.2
SOUTHERN ROAD & BRIDGE LLC TARPON SPRINGS, FL	4,496,388.40	+33.9
CEKRA INC WILMINGTON, NC	7,852,780.00	+128.7

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
DECEMBER 15, 2020
DIVISION 00003

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C204579

2021CPT.03.06.10711, 2021CPT.03.06.10712, 2021CPT.03.06.20711, 2021CPT.03.06.20712

STATE FUNDED

PENDER

PROPOSAL LENGTH 27.150 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER GRADING.

LOCATION 1 SECTION OF US-17, 1 SECTION OF NC-210, 3 SECTIONS OF NC-53, AND 3 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2021..34% OF BID
FY-2022..66% OF BID

RPN 003

3 BIDDER(S)

DBE GOAL 8.00 %

ESTIMATE 3,130,904.10

DATE AVAILABLE MAR 15 2021

INTER COMPLETION JUN 25 2021 COMPLETE ALL WORK REQUIRED FOR MAPS #1 & #2

APR 16 2021 COMPLETE ALL WORK REQUIRED FOR MAP #11

JUL 01 2021 COMPLETE ALL WORK REQUIRED FOR MAPS #14 THRU #16

FINAL COMPLETION APR 29 2022

	\$ TOTALS	% DIFF
S T WOOTEN CORPORATION WILSON, NC	2,576,916.84	-17.7
BARNHILL CONTRACTING CO ROCKY MOUNT, NC	2,724,878.60	-13.0
HIGHLAND PAVING CO LLC FAYETTEVILLE, NC	2,991,699.32	-4.4

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
DECEMBER 15, 2020
DIVISION 00003

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C204582
2021CPT.03.07.10821, 2021CPT.03.07.20821, 2021CPT.03.07.20822, 36248.97
STATE FUNDED
SAMPSON

PROPOSAL LENGTH 29.250 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER GRADING.

LOCATION 1 SECTION OF NC-50 AND 17 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2021..30% OF BID
FY-2022..70% OF BID

RPN 004 2 BIDDER(S) DBE GOAL 8.00 %
ESTIMATE 4,222,990.82

DATE AVAILABLE MAR 15 2021

INTER COMPLETION JUL 01 2021 COMPLETE ALL WORK REQUIRED OF MAPS #35 & #36

FINAL COMPLETION JUN 17 2022

	\$ TOTALS	% DIFF
S T WOOTEN CORPORATION WILSON, NC	3,508,790.88	-16.9
BARNHILL CONTRACTING CO ROCKY MOUNT, NC	3,657,066.25	-13.4

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
DECEMBER 15, 2020
DIVISION 00003

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C204591
2021CPT.03.11.20821, 2021CPT.03.11.20822, 36248.108
STATE FUNDED
SAMPSON

PROPOSAL LENGTH 21.510 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER GRADING.

LOCATION 18 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2021..30% OF BID
FY-2022..70% OF BID

RPN 005 3 BIDDER(S) DBE GOAL 8.00 %

ESTIMATE 2,847,344.21

DATE AVAILABLE MAR 15 2021

FINAL COMPLETION JUN 17 2022

	\$ TOTALS	% DIFF
BARNHILL CONTRACTING CO ROCKY MOUNT, NC	2,302,639.03	-19.1
S T WOOTEN CORPORATION WILSON, NC	2,401,638.34	-15.7
JOHNSON BROTHERS UTILITY & PAVING CO INC LILLINGTON, NC	2,441,098.14	-14.3

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
DECEMBER 15, 2020
DIVISION 00003

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C204592
2021CPT.03.12.10711, 2021CPT.03.12.10712, 2021CPT.03.12.20711
STATE FUNDED
PENDER

PROPOSAL LENGTH 30.130 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER GRADING.

LOCATION 1 SECTION OF NC-210, 1 SECTION OF NC-53, AND 7 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2021..34% OF BID
FY-2022..66% OF BID

RPN 006 4 BIDDER(S) DBE GOAL 8.00 %

ESTIMATE 3,954,069.40

DATE AVAILABLE MAR 15 2021

INTER COMPLETION MAY 28 2021 COMPLETE ALL WORK REQUIRED FOR MAP #17

FINAL COMPLETION APR 29 2022

	\$ TOTALS	% DIFF
S T WOOTEN CORPORATION WILSON, NC	3,097,242.05	-21.7
BARNHILL CONTRACTING CO ROCKY MOUNT, NC	3,311,561.60	-16.2
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	3,503,516.18	-11.4
HIGHLAND PAVING CO LLC FAYETTEVILLE, NC	3,671,228.08	-7.2

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
DECEMBER 15, 2020
DIVISION 00004

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C204575
2021CPT.04.09.10641, 2021CPT.04.09.20641
STATE FUNDED
NASH

PROPOSAL LENGTH 37.930 MILES

TYPE OF WORK MILLING, RESURFACING & SHOULDER GRADING.

LOCATION 1 SECTION OF US-301, 3 SECTIONS OF US-264 ALT, 1 SECTION OF NC-33 & 10 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2021..55% OF BID
FY-2022..45% OF BID

RPN 007 2 BIDDER(S) DBE GOAL 9.00 %

ESTIMATE 4,348,156.59

DATE AVAILABLE MAR 15 2021

INTER COMPLETION OCT 15 2021 COMPLETE ALL WORK EXCEPT FINAL PAVEMENT MARKINGS

FINAL COMPLETION NOV 15 2021

	\$ TOTALS	% DIFF
BARNHILL CONTRACTING CO ROCKY MOUNT, NC	3,149,488.68	-27.6
FSC II LLC DBA ROSE BROTHERS PAVING COMPANY RALEIGH, NC	3,714,946.03	-14.6

HIGHWAY LETTING
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH N.C.
 DECEMBER 15, 2020
 DIVISION 00004

C204539
 48821.3.1
 2020001
 EDGECOMBE
 BR-0112

PROPOSAL LENGTH 0.094 MILES

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

LOCATION BRIDGE # 35 OVER OTTER CREEK ON SR-1616 (SHARP POINT ROAD).

EST CONST PROGRESS.... FY-2021..78% OF BID
 FY-2022..22% OF BID

RPN 008 11 BIDDER(S) DBE GOAL 8.00 %
 ESTIMATE 1,102,317.05

DATE AVAILABLE JAN 25 2021
 INTER COMPLETION OCT 01 2021 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR
 PERMANENT VEGETATION ESTABLISHMENT
 FINAL COMPLETION MAR 30 2022

	\$ TOTALS	% DIFF
SANFORD CONTRACTORS INC LEMON SPRINGS, NC	967,500.00	-12.2
CIVIL WORKS CONTRACTING LLC WILMINGTON, NC	991,786.16	-10.0
DELLINGER INC MONROE, NC	1,000,000.01	-9.3
S T WOOTEN CORPORATION WILSON, NC	1,053,168.83	-4.5
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	1,112,779.85	+0.9
NATIONAL BRIDGE BUILDERS LLC KERNERSVILLE, NC	1,137,270.25	+3.2
T A LOVING COMPANY GOLDSBORO, NC	1,155,775.00	+4.8
UNITED CONTRACTORS, INC. DBA UNITED CONTRACTORS INC. OF IOWA JO	1,201,278.63	+9.0
SMITH-ROWE, LLC MOUNT AIRY, NC	1,238,177.25	+12.3
TRADER CONSTRUCTION CO NEW BERN, NC	1,321,606.55	+19.9
DANE CONSTRUCTION INC MOORESVILLE, NC	1,421,994.77	+29.0

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
DECEMBER 15, 2020
DIVISION 00005

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C204576
2021CPT.05.20.20921.1
STATE FUNDED
WAKE

PROPOSAL LENGTH 20.900 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER GRADING.

LOCATION 46 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2021..28% OF BID
FY-2022..70% OF BID
FY-2023..02% OF BID

RPN 009 4 BIDDER(S) DBE GOAL 9.00 %
ESTIMATE 4,448,798.90

DATE AVAILABLE MAR 15 2021

FINAL COMPLETION JUL 30 2022

	\$ TOTALS	% DIFF
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	3,944,678.03	-11.3
BLYTHE CONSTRUCTION INC CHARLOTTE, NC	3,979,266.89	-10.6
S T WOOTEN CORPORATION WILSON, NC	4,002,675.68	-10.0
CAROLINA SUNROCK LLC RALEIGH, NC	4,562,814.07	+2.6

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
DECEMBER 15, 2020
DIVISION 00008

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C204546
2019CPT.08.07.10621, 2019CPT.08.07.20621
STATE FUNDED
MONTGOMERY

PROPOSAL LENGTH 9.702 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

LOCATION 2 SECTIONS OF NC-731, 2 SECTIONS OF NC-73, 1 SECTION OF NC-109, AND 9 SECTIONS OF SECONDARY ROADS.

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

RPN 010 3 BIDDER(S) DBE GOAL 8.00 %

ESTIMATE 1,536,101.93

DATE AVAILABLE MAR 15 2021

INTER COMPLETION AUG 19 2021 COMPLETE ALL WORK REQUIRED OF MAPS #2, #10 & #11

FINAL COMPLETION JUN 30 2022

	\$ TOTALS	% DIFF
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	1,212,234.45	-21.1
BARNHILL CONTRACTING CO ROCKY MOUNT, NC	1,420,779.75	-7.5
J T RUSSELL & SONS INC ALBEMARLE, NC	1,527,464.50	-0.6

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
DECEMBER 15, 2020
DIVISION 00008

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C204589
2019CPT.08.07.10771, 2019CPT.08.07.20771, 48979.3.1
STATE FUNDED
RICHMOND

PROPOSAL LENGTH 20.740 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

LOCATION 4 SECTIONS OF US-1, 2 SECTIONS OF US-220, 9 SECTIONS OF US-74, 1 SECTION OF NC-109,
AND 9 SECTIONS OF SECONDARY RDS.

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

RPN 011 3 BIDDER(S) DBE GOAL 7.00 %

ESTIMATE 3,839,212.48

DATE AVAILABLE MAR 15 2021

FINAL COMPLETION JUN 30 2022

	\$ TOTALS	% DIFF
BARNHILL CONTRACTING CO ROCKY MOUNT, NC	3,360,248.53	-12.5
HUDSON PAVING INC ROCKINGHAM, NC	3,380,692.58	-11.9
BOGGS CONTRACTING INC MONROE, NC	3,473,154.08	-9.5

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
DECEMBER 15, 2020
DIVISION 00008

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C204581
2019CPT.08.15.10631, 2019CPT.08.15.20631, 2021CPT.08.04.20631
STATE FUNDED
MOORE

PROPOSAL LENGTH 13.780 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER GRADING.

LOCATION 1 SECTION OF US-15/501, 1 SECTION OF US-1, AND 8 SECTIONS OF SECONDARY ROADS.

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

RPN 012 4 BIDDER(S) DBE GOAL 8.00 %

ESTIMATE 3,605,473.47

DATE AVAILABLE MAR 16 2021

FINAL COMPLETION JUN 30 2022

	\$ TOTALS	% DIFF
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	2,861,912.72	-20.6
S T WOOTEN CORPORATION WILSON, NC	2,870,326.63	-20.4
HIGHLAND PAVING CO LLC FAYETTEVILLE, NC	3,372,692.29	-6.5
BARNHILL CONTRACTING CO ROCKY MOUNT, NC	3,910,328.36	+8.5

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
DECEMBER 15, 2020
DIVISION 00008

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C204578
2021CPT.08.02.10191
STATE FUNDED
CHATHAM

PROPOSAL LENGTH 9.010 MILES
TYPE OF WORK MILLING AND RESURFACING.
LOCATION 1 SECTION OF US-64.

EST CONST PROGRESS.... FY-2021..35% OF BID
FY-2022..65% OF BID

RPN 013 3 BIDDER(S) DBE GOAL 8.00 %
ESTIMATE 3,711,519.95

DATE AVAILABLE MAR 16 2021
FINAL COMPLETION JUN 20 2022

	\$ TOTALS	% DIFF
S T WOOTEN CORPORATION WILSON, NC	2,747,473.58	-26.0
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	2,950,078.65	-20.5
BLYTHE CONSTRUCTION INC CHARLOTTE, NC	3,058,729.47	-17.6

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
DECEMBER 15, 2020
DIVISION 00008

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C204588
2021CPT.08.02.20531
STATE FUNDED
LEE

PROPOSAL LENGTH 12.040 MILES
TYPE OF WORK MILLING AND RESURFACING.
LOCATION 13 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2021..30% OF BID
FY-2022..70% OF BID

RPN 014 3 BIDDER(S) DBE GOAL 6.00 %
ESTIMATE 1,875,846.00

DATE AVAILABLE MAR 16 2021
FINAL COMPLETION JUN 20 2022

	\$ TOTALS	% DIFF
S T WOOTEN CORPORATION WILSON, NC	1,329,147.42	-29.1
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	1,407,736.13	-25.0
BARNHILL CONTRACTING CO ROCKY MOUNT, NC	1,693,665.57	-9.7

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
DECEMBER 15, 2020
DIVISION 00008

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C204577

2021CPT.08.03.10471, 2021CPT.08.04.10631

STATE FUNDED

HOKE, MOORE

PROPOSAL LENGTH 6.951 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER GRADING.

LOCATION 2 SECTIONS OF US-15/501.

EST CONST PROGRESS.... FY-2021..53% OF BID
FY-2022..47% OF BID

RPN 015

6 BIDDER(S)

DBE GOAL 7.00 %

ESTIMATE 1,498,140.39

DATE AVAILABLE MAR 16 2021

FINAL COMPLETION NOV 15 2021

	\$ TOTALS	% DIFF
S T WOOTEN CORPORATION WILSON, NC	1,080,928.41	-27.8
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	1,090,418.82	-27.2
BARNHILL CONTRACTING CO ROCKY MOUNT, NC	1,127,909.81	-24.7
HUDSON PAVING INC ROCKINGHAM, NC	1,181,289.69	-21.1
HIGHLAND PAVING CO LLC FAYETTEVILLE, NC	1,253,073.98	-16.4
JOHNSON BROTHERS UTILITY & PAVING CO INC LILLINGTON, NC	1,254,455.60	-16.3

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
DECEMBER 15, 2020
DIVISION 00008

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ITEM C

C204583
2021CPT.08.03.10831, 2021CPT.08.03.20471, 2021CPT.08.03.20831
STATE FUNDED
SCOTLAND, HOKE

PROPOSAL LENGTH 11.543 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER GRADING.

LOCATION 1 SECTION OF US15/501, 1 SECTION OF US-74 BUS, AND 10 SECTIONS OF SECONDARY
ROADS.

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

RPN 016 2 BIDDER(S) DBE GOAL 7.00 %
ESTIMATE 1,680,004.19

DATE AVAILABLE MAR 16 2021

FINAL COMPLETION JUN 30 2022

	\$ TOTALS	% DIFF
HUDSON PAVING INC ROCKINGHAM, NC	1,337,169.24	-20.4
BARNHILL CONTRACTING CO ROCKY MOUNT, NC	1,391,621.42	-17.2

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
DECEMBER 15, 2020
DIVISION 00010

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ITEM C

C204580
2020CPT.10.14.10601, 2020CPT.10.14.20601
STATE FUNDED
MECKLENBURG

PROPOSAL LENGTH 14.917 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER GRADING.

LOCATION 2 SECTIONS OF US-21, 3 SECTIONS OF NC-16, 1 SECTION OF NC-24/27, AND 15 SECTIONS OF SECONDARY ROADS.

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

RPN 017 5 BIDDER(S) DBE GOAL 7.00 %

ESTIMATE 4,508,016.93

DATE AVAILABLE MAR 15 2021

INTER COMPLETION SEP 30 2021 COMPLETE ALL WORK REQUIRED OF FULL DEPTH RECLAMATION ON MAPS #11 & #12

FINAL COMPLETION JUN 30 2022

	\$ TOTALS	% DIFF
BLYTHE CONSTRUCTION INC CHARLOTTE, NC	3,902,700.31	-13.4
BLYTHE BROTHERS ASPHALT CO LLC CHARLOTTE, NC	4,248,778.18	-5.8
SLOAN CONSTRUCTION A DIVISION OF REEVES CONSTRUCTION CO DUNCA	4,786,277.11	+6.2
J T RUSSELL & SONS INC ALBEMARLE, NC	5,059,925.71	+12.2
LYNCHES RIVER CONTRACTING INC PAGELAND, SC	5,075,372.70	+12.6

HIGHWAY LETTING
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH N.C.
 DECEMBER 15, 2020
 DIVISION 00011

C204486
 48833.3.1
 2020001
 WILKES
 BR-0124

PROPOSAL LENGTH 0.120 MILES

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

LOCATION BRIDGE #166 OVER WEST PRONG ROARING RIVER ON SR-1745.

EST CONST PROGRESS.... FY-2021..61% OF BID
 FY-2022..39% OF BID

RPN 018 9 BIDDER(S) DBE GOAL 4.00 %
 ESTIMATE 1,284,408.40

DATE AVAILABLE MAR 01 2021
 INTER COMPLETION NOV 15 2021 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR
 PERMANENT VEGETATION ESTABLISHMENT
 FINAL COMPLETION MAY 14 2022

	\$ TOTALS	% DIFF
JAMES R VANNOY & SONS CONSTRUCTION COMPANY INC JEFFERSON, NC	921,190.10	-28.3
NATIONAL BRIDGE BUILDERS LLC KERNERSVILLE, NC	984,053.86	-23.4
APPLE TUCK & ASSOCIATES INC RUTHERFORDTON, NC	987,749.40	-23.1
SMITH-ROWE, LLC MOUNT AIRY, NC	1,014,061.84	-21.0
R. E. BURNS & SONS CO., INC. STATESVILLE, NC	1,017,257.25	-20.8
DANE CONSTRUCTION INC MOORESVILLE, NC	1,030,512.15	-19.8
APAC - ATLANTIC INC THOMPSON ARTHUR DIVISION GREENSBORO, NC	1,165,042.25	-9.3
W C ENGLISH INCORPORATED LYNCHBURG, VA	1,221,343.44	-4.9
FIELDER'S CHOICE ENTERPRISES, INC. CHARLOTTESVILLE, VA	1,398,775.60	+8.9

HIGHWAY LETTING
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH N.C.
 DECEMBER 15, 2020
 DIVISION 00011

C204494
 48834.3.1
 2020001
 WILKES
 BR-0125

PROPOSAL LENGTH 0.230 MILES

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

LOCATION BRIDGE #663 OVER EAST PRONG ROARING RIVER ON SR-1002.

EST CONST PROGRESS.... FY-2021..32% OF BID
 FY-2022..66% OF BID
 FY-2023..02% OF BID

RPN 019 8 BIDDER(S) DBE GOAL 7.00 %
 ESTIMATE 2,040,528.20

DATE AVAILABLE MAR 01 2021

INTER COMPLETION AUG 01 2022 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR PERMENANT VEGETATION ESTABLISHMENT

FINAL COMPLETION JAN 28 2023

	\$ TOTALS	% DIFF
JAMES R VANNOY & SONS CONSTRUCTION COMPANY INC JEFFERSON, NC	1,781,757.76	-12.7
APPLE TUCK & ASSOCIATES INC RUTHERFORDTON, NC	1,831,542.10	-10.2
SMITH-ROWE, LLC MOUNT AIRY, NC	1,973,190.27	-3.3
NATIONAL BRIDGE BUILDERS LLC KERNERSVILLE, NC	1,985,884.65	-2.7
EASTERN STRUCTURES LLC MOCKSVILLE, NC	1,995,997.70	-2.2
W C ENGLISH INCORPORATED LYNCHBURG, VA	2,174,235.31	+6.6
DANE CONSTRUCTION INC MOORESVILLE, NC	2,471,111.15	+21.1
FIELDER'S CHOICE ENTERPRISES, INC. CHARLOTTESVILLE, VA	2,598,807.93	+27.4

HIGHWAY LETTING
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH N.C.
 DECEMBER 15, 2020
 DIVISION 00012

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 ITEM C

C204516
 48823.3.1, 48824.3.1
 2020001
 IREDELL
 BR-0114, BR-0115

PROPOSAL LENGTH 0.273 MILES

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

LOCATION BRIDGE #165 OVER ROCKY CREEK ON SR-1601 (BRANTON RD) AND BRIDGE #166 OVER ROCKY CREEK ON SR-1595 (COOLBROOK RD).

EST CONST PROGRESS.... FY-2021..35% OF BID
 FY-2022..60% OF BID
 FY-2023..05% OF BID

RPN 020 9 BIDDER(S) DBE GOAL 5.00 %
 ESTIMATE 2,155,743.85

DATE AVAILABLE JAN 25 2021

INTER COMPLETION SEP 01 2022 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR PERMANENT VEGETATION ESTABLISHMENT

NOV 15 2021 COMPLETE ALL WORK REQUIRED FOR BR-0115 AND OPEN TO TRAFFIC

FINAL COMPLETION FEB 28 2023

	\$ TOTALS	% DIFF
R. E. BURNS & SONS CO., INC. STATESVILLE, NC	1,707,120.50	-20.8
EASTERN STRUCTURES LLC MOCKSVILLE, NC	1,762,614.05	-18.2
JAMES R VANNOY & SONS CONSTRUCTION COMPANY INC JEFFERSON, NC	1,794,761.73	-16.7
APPLE TUCK & ASSOCIATES INC RUTHERFORDTON, NC	1,804,551.70	-16.3
DANE CONSTRUCTION INC MOORESVILLE, NC	1,853,230.05	-14.0
ES WAGNER COMPANY LLC PIEDMONT, SC	1,856,235.47	-13.9
SMITH-ROWE, LLC MOUNT AIRY, NC	1,993,053.33	-7.5
LEE CONSTRUCTION CO OF THE CAROLINA PINEVILLE, NC	2,139,802.20	-0.7
FIELDER'S CHOICE ENTERPRISES, INC. CHARLOTTESVILLE, VA	2,569,785.92	+19.2

	ESTIMATE TOTAL	56,217,649.62
	LETTING TOTAL	45,508,813.83 -19.0

**NCDOT JANUARY 2021
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 Deputy Secretary

Deputy Secretary for Multi-Modal Transportation

Integrated Mobility 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 Integrated Mobility Division services on an as needed basis for various federal-aid and state funded projects to support the Integrated Mobility Division. These contracts will expire three (3) years with two (2) one-year extensions possible after the date of execution or after the contract amount has been depleted, whichever occurs first. Our staff has completed the actions for employing private firms in accordance with the policies and procedures adopted by the Board on May 7, 2009. This is for information only.

STATEWIDE

Description of Work: 2020 Integrated Mobility Division LSC
Firm: AECOM Technical Services of North Carolina Inc,
Chicago, IL
Maximum Engineering Fee: \$5,000,000.00
DBE/MBE/SPSF Utilization: Public Participation Partners LLC
5% / \$250,000.00

Description of Work: 2020 Integrated Mobility Division LSC
Firm: Alta/Greenways, Portland, OR
Maximum Engineering Fee: \$3,000,000.00
DBE/WBE/SPSF Utilization: Three Oaks Engineering
5% / \$150,000.00

Description of Work: 2020 Integrated Mobility Division LSC
Firm: Cambridge Systematics Inc, Medford, MA
Maximum Engineering Fee: \$3,000,000.00
DBE/WBE/SPSF Utilization: Planning Communities LLC
15% / \$450,000.00

Description of Work: 2020 Integrated Mobility Division LSC
Firm: CES Group Engineers LLP, Denver, NC
Maximum Engineering Fee: \$500,000.00
DBE/WBE/SPSF Utilization: 100%

Description of Work: 2020 Integrated Mobility Division LSC
Firm: HDR Engineering Inc of the Carolinas, Chicago, IL
Maximum Engineering Fee: \$5,000,000.00
DBE/MBE Utilization: Cincar Consulting Group LLC
5% / \$250,000.00
DBE/MBE/SPSF Utilization: Neighboring Concepts, PLLC
5% / \$250,000.00

Description of Work: 2020 Integrated Mobility Division LSC
Firm: KFH Group, Inc., Bethesda, MD
Maximum Engineering Fee: \$3,000,000.00
DBE/WBE/SPSF Utilization: 100%

Description of Work: 2020 Integrated Mobility Division LSC
Firm: Kimley Horn & Associates Inc, Atlanta, GA
Maximum Engineering Fee: \$5,000,000.00
DBE/MBE/SPSF Utilization: Amplify Consulting LLC
4% / \$200,000.00

Description of Work: 2020 Integrated Mobility Division LSC
Firm: Kittelson & Associates Inc, Portland, OR
Maximum Engineering Fee: \$3,000,000.00
DBE/WBE/SPSF Utilization: Foursquare Integrated Transportation Planning Inc
15% / \$450,000.00

Description of Work: 2020 Integrated Mobility Division LSC
Firm: Mosaic Civic Studio, PLLC, Boone, NC
Maximum Engineering Fee: \$500,000.00
SPSF Utilization: 100%

Description of Work: 2020 Integrated Mobility Division LSC
Firm: RLS & Associates Inc, Dayton, OH
Maximum Engineering Fee: \$3,000,000.00
DBE/WBE Utilization: 100%

Description of Work: 2020 Integrated Mobility Division LSC
Firm: Stantec Consulting Services Inc, Chicago, IL
Maximum Engineering Fee: \$5,000,000.00
SPSF Utilization: J S Lane Company, LLC
25% / \$1,250,000.00

Description of Work: 2020 Integrated Mobility Division LSC
Firm: McAdams, Durham, NC
Maximum Engineering Fee: \$1,000,000.00
SPSF Utilization: 0%

Description of Work: 2020 Integrated Mobility Division LSC
Firm: Tindale Oliver & Associates Inc, Tampa, FL
Maximum Engineering Fee: \$1,000,000.00
SPSF Utilization: 0%

Description of Work: 2020 Integrated Mobility Division LSC
Firm: Toole Design Group LLC, Silver Spring, MD
Maximum Engineering Fee: \$1,000,000.00
SPSF Utilization: 0%

Description of Work: 2020 Integrated Mobility Division LSC
Firm: Traffic Planning and Design Inc, Pottstown, PA
Maximum Engineering Fee: \$3,000,000.00
DBE/WBE/SPSF Utilization: Chipley Consulting LLC
9% / \$270,000.00

Description of Work: 2020 Integrated Mobility Division LSC
Firm: VHB Engineering NC PC, Watertown, MA
Maximum Engineering Fee: \$5,000,000.00
DBE/WBE Utilization: Smart Moves Consulting LLC
10% / \$500,000.00

Description of Work: 2020 Integrated Mobility Division LSC
Firm: WSP USA Inc, Dallas, TX
Maximum Engineering Fee: \$5,000,000.00
DBE/WBE/SPSF Utilization: Rebecca P. Cherry
10% / \$500,000.00

Chief Operating Officer

Chief Engineer

Deputy Chief Engineer

Highway Operations

Roadside Environmental 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:	2018 Asphalt Testing Laboratory Site Investigation & Remediation and Environmental Program Management Support Services LSC
Firm:	Groundwater Management Associates Inc, Apex, NC
Original Engineering Fee:	\$2,000,000.00
Supplemental Fee:	\$4,000,000.00
SPSF Utilization:	100%

Divisions

Division 6

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.

DIVISION 6

Description of work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	NV5 Engineers and Consultants Inc, Chicago, IL
Original Engineering Fee:	\$1,000,000.00
Previous Supplemental Fee:	\$3,000,000.00
Supplemental Fee:	\$4,550,000.00
SPSF Utilization:	Hinde Engineering Inc 2% / \$91,000.00
SPSF Utilization:	MI Engineering PLLC 2% / \$91,000.00
SPSF Utilization:	Ramey Kemp & Associates Inc 1% / \$45,500.00

END of ITEM D.

**NCDOT JANUARY 2021 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

Project Increases:

Div / County	SR No. / Road Name	Description	Amount
Div 11 Ashe	Various	Spot Stabilization Reopen and Increase funds 11C.005034	\$100,000.00
Div 11 Avery	Various	Spot Stabilization Reopen and Increase funds 11C.006014	\$50,000.00
Div 11 Caldwell	Various	Spot Stabilization Increase funds 11C.014020	\$50,000.00
Div 11 Watauga	Various	Spot Stabilization Increase funds 11C.095027	\$75,000.00
Div 11 Yadkin	Various	Spot Stabilization Increase funds 11C.099013	\$17,000.00

Item E Summary:

0	Projects to Establish Funds	\$0.00
5	Projects to Increase Funds	\$292,000.00
0	Project to Increase & Close	\$0.00
0	Project Deletions	\$0.00

NCDOT January 7, 2021 Board of Transportation Agenda

Additions to the State Highway System:

County	Petition Number	Length Added (Miles)	Description and/or Subdivision	Date of Report
Division 1				
Camden	52210		Deerfield Manor	09/30/20
		0.28	Buck Run	
		0.12	Whitetail Court	
		0.20	Deerfield Drive	
Division 3				
New Hanover	52211		Clay Crossing	11/23/20
		0.13	Middle Grove Lane	
New Hanover	52212		Sycamore Grove	11/23/20
		0.77	Julia Drive	
		0.03	Swiss Stone Court	
		0.04	Onyx Court	
		0.07	Marquette Drive	
		0.07	Dragons Eye Court	
		0.08	Ulloa Place	
New Hanover	52213		The Lakes at Johnson Farms	11/23/20
		0.10	Extend SR 2363, Gate Post Lane	
Division 4				
Johnston	52214		Millstone Ridge	10/20/20
		0.09	Extend SR 3368, Crosscreek Lane	
		0.09	Cedar Falls Way	
		0.18	Warriors Way	
		0.06	Plateau Circle	
		0.31	Deep Clay Circle	
Division 5				
Wake	52215		Blalock Forest	11/18/20
		0.64	Extend SR 2750, Norman Blalock Road	
		0.06	Darlinghurst Lane	
		0.10	Clogher Road	
		0.09	Double Oak Lane	
		0.07	Middlegrove Lane	
		0.41	Blalock Forest Drive	
		0.07	Bexley Drive	
		0.22	Farmers Branch Road	
Wake	52216		Hunters Glen North	10/27/20
		0.03	Glenlake Court	
Wake	52217		Extend SR 1114, Ralph Stephens Road	11/12/20
		0.06	Extend SR 1114, Main Street	

NCDOT January 7, 2021 Board of Transportation Agenda

Additions to the State Highway System:

County	Petition Number	Length Added (Miles)	Description and/or Subdivision	Date of Report
Division 7				
Rockingham	52218	0.18	Winsome Forest Bent Willow Way	09/28/20
		0.06	Parkchester Court	
Division 8				
Hoke	52219	0.38	Wedgfield Extend SR 1655, Wexford Street	11/19/20
		0.30	Weston Woods Street	
		0.13	Tellmont Street	
		0.16	Dellmar Drive	
		0.03	Brummel Court	
		0.04	Ledford Avenue	
		0.09	Courtland Drive	
Division 9				
Forsyth	52220	0.07	Glenn Meadow Extend SR 4383, Glen Way Drive	12/02/20
Forsyth	52221	0.06	Rivergate Extend SR 3430, Misty Hill Circle	11/24/20
		0.06	Extend SR 3429, Midstream Crossing Drive	
Division 11				
Wilkes	52222	0.18	Millers Crossing Millers Crossing Drive	03/04/20
		0.13	Chase Lane	
		0.25	Lexi Drive	
Division 12				
Iredell	52223	0.93	Chesapeake Pointe Extend SR 2938, Cove Creek Road	10/25/20
		0.08	Skipjack Point Court	
		0.07	Charthouse Lane	
		0.06	Sandy Cove Court	
Iredell	52224	0.29	Hollybrook Turtleback Drive	09/01/20
		0.10	Sweet Grass Lane	
		0.34	Rain Shadow Drive	
		0.06	Avensong Court	
Iredell	52225	0.08	Rockspring Torrington Court	09/10/20

NCDOT January 7, 2021 Board of Transportation Agenda

Additions to the State Highway System:

County	Petition Number	Length Added (Miles)	Description and/or Subdivision	Date of Report
Division 12 (Continued) Iredell	52226	0.10	The Point Forestdale Loop	10/04/20
Lincoln	52227	0.19	Brody Acres Brody Lane	08/19/20
Lincoln	52228	0.04	Verdict Ridge Shadow Court	03/09/20

NCDOT January 7, 2021 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				
Wake	52229	0.20	SR 1143, Olive Dairy Road Retain 0.30 miles	05/06/20
Wake	52230	0.20	SR 1114, Ralph Stephens Road Related to petition 52217: Total to retain along SR 1114 after re-additions to Ralph Stephens Road and Main Street: 1.05 miles	11/12/20
Division 10				
Mecklenburg	52231	0.20	SR 2594, Hoyt Hinson Road Retain 0.0 miles	11/27/19
Division 12				
Iredell	52232	0.19	SR 1363, Bethlehem Road Retain 1.78 miles	12/01/20

Summary: **Number of roads petitioned for addition – 54**
Number of roads petitioned for abandonment - 4

Corrections to the State Highway System:

County	Requested Action
Cabarrus	Petition 52207. The length retained for SR 1157 was listed incorrectly at 4.03 miles. Due to the associated transfer of a portion of SR 1335 to SR 1157, the correct length retained for SR 1157 should be 4.11 miles. The new length retained for SR 1335 is 0.75 miles. These corrections are retroactive to December 2, 2020.
Davidson	Petition 52081. Elijah Road was incorrectly listed as SR 2552. The correct listing should have been SR 2252. This correction is retroactive to April 02, 2020.
Harnett	Petition 51302. The length correction that was listed for this road in the December 2, 2020 minutes should be retroactive to March 9, 2017.
Nash	Petition 52191. Magnolina Road should be corrected to Magnolia Road. This correction is retroactive to December 2, 2020.

NCDOT JANUARY 2021 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.

County	Description	Type	Amount
Div 2 Lenoir	City of Kinston – Extend taxiway to GTP North Cargo Building for Draken International WBS 49474	<u>Contingency</u> TOTAL	<u>\$250,000.00</u> <u>\$250,000.00</u>
Div 5 Franklin	Town of Youngsville – WBS 47712 was established (12/17) to construct right turn lane on SR 1130 (N. White St) at SR 1900 (Nomaco Dr) and strengthen Nomaco Dr; scope revised to widen & strengthen SR 1900 (Nomaco Dr) & extend pipes to accommodate widening and revised radii Reduce funds	<u>Econ Development</u> TOTAL	<u>(\$181,000.00)</u> <u>(\$181,000.00)</u>
Div 11 Caldwell	WBS 49292 was established (06/20) for drainage repair along US 321 between (Clover Dr SW) and (Dove St SW) at Bumgarner Camping Center Reduce & delete <i>Transfer funds to WBS 51214.01AJ</i> Drainage repair along US 321 between (Clover Dr SW) and (Dove St SW) at Bumgarner Camping Center WBS 51214.01AJ <i>Funds transferred from 49292</i>	Contingency <u>Contingency</u> TOTAL	(\$500,000.00) <u>\$500,000.00</u> \$0.00
Div 11 Caldwell	Replace flood prone 48" cross line pipe on SR 1600 (Bolick Rd) with 20'-7" x 5'-3" Aluminum Box Culvert with headwall; upgrade an existing 24" pipe up to a 36" and an existing 18" pipe up to a 24" for a total of approximately 700 ft of roadway construction WBS 49472	Small Construction <u>Contingency</u> TOTAL	\$100,000.00 <u>\$250,000.00</u> <u>\$350,000.00</u>

NCDOT JANUARY 2021 BOARD OF TRANSPORTATION AGENDA
Funds Request
Division-wide Small Construction, Statewide Contingency,
Public Access, Economic Development, High Impact/Low Cost

County	Description	Type	Amount
Div 11 Wilkes	WBS 47757 was established (01/18) for curve realignment on SR 2303 (Clingman Rd) with intersection improvements at SR 2350 (Ronda Clingman School Rd) Reduce funds	Small Construction <u>TOTAL</u>	 <u>(\$100,000.00)</u> (\$100,000.00)
Div 12 Catawba	City of Conover – WBS 49158 was established (03/20) for construction and realignment of approximately 1,705 linear feet of SR 1483 (Punched Loop Rd) Reduce funds	Econ Development <u>TOTAL</u>	 <u>(\$122,000.00)</u> (\$122,000.00)
Div 13 Buncombe	WBS 42433 was established (12/08) to construct road and bridge across Norfolk Southern Railway tracks and Hominy Creek to serve the new Buncombe County Sports Complex and Industrial Park; scope change to construct dual left turn lanes onto new bridge Reduce funds	Econ Development <u>TOTAL</u>	 <u>(\$197,000.00)</u> (\$197,000.00)
Div 13 Buncombe	PE / design for a new interstate interchange along I-26 (Exit 35) to provide ingress and egress from I-26 to industrial facility and eventual connectivity to NC-191 WBS 49473	Econ Development <u>TOTAL</u>	 <u>\$500,000.00</u> \$500,000.00

Summary:	Number of Divisions	5
	Number of Projects	9
	Small Construction Commitment	\$0.00
	Public Access Commitment	\$0.00
	Contingency Commitment	\$500,000.00
	Economic Development Commitment	\$0.00
	High Impact/Low Cost Commitment	\$0.00
	TOTAL:	<u>\$500,000.00</u>

NCDOT January Board of Transportation Agenda

Public Transportation Program

<u>Division</u>	<u>Project Number</u>	<u>5310 - Amendment (Approved August 2020 BOT Meeting)</u>	<u>Estimated Project Cost</u>
07	21-ED-088	CASWELL COUNTY FY21 5310 Capital Purchase of Service funds for Elderly and Disabled. (Old Total \$6,101_Federal \$762_State \$764_Local) Application Number: 1000008255	Amended Planning \$25,000 Total \$20,000 Federal \$2,500 State \$2,500 Local

<u>Division</u>	<u>Project Number</u>	<u>State Safety Oversight Program</u>	<u>Estimated Project Cost</u>
Statewide		SSO FY2021 Under the FAST Act, 5329(e) - States may receive Federal funding, for a previously unfunded mandate, to develop and implement an enhanced State Safety Oversight (SSO) program. Eligible States have a rail fixed guideway public transportation system already in operation, or in engineering or construction, which is not subject to regulation by the Federal Railroad Administration (FRA). North Carolina was apportioned the following funds for FFY2019 \$352,048. These funds require a 20% state fund match, \$88,012. NCDOT will use the funding to implement the SSO initiative for Charlotte light rail system.	\$440,060 Total \$352,048 Federal \$88,012 State \$0 Local

Item I-I: Total Projects 1: Total Federal and State Funds \$462,560

<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	P2021_5310_CAPITAL	\$20,000	\$2,500	\$2,500	\$25,000
1	State Safety Oversight	\$352,048	\$88,012	\$0	\$440,060
2	TOTAL	\$372,048	\$90,512	\$2,500	\$465,060

NCDOT January 2021 Board of Transportation Agenda

Rail Program

Town/County Division	Project Description	Estimated Cost
Division 2 Carteret County 80000.1.4.81	The Rail Division requests board approval to revise the scope of improvements and provide supplemental funding for a Freight Rail & Rail Crossing Safety Improvement (FRRCSI) project on the North Carolina State Ports Authority (NCSPA) railway corridor. The revised project will improve a locking mechanism and install new bridge ties and joint bars on the movable bascule bridge that connects the main port to rail facilities on Radio Island. NCSPA will be responsible for construction of the project. The original scope and funding for the project was approved on the August 2020 BOT agenda at a total cost to the Department of \$230,000. The revised estimated total cost to the Department is \$400,000. FRRCSI ID: F20108	\$170,000

ITEM I - 2 SUMMARY – 1 PROJECT – (TOTAL FEDERAL AND STATE) \$ 170,000

NCDOT January 2021 Board of Transportation Agenda

Division of Bicycle and Pedestrian Transportation

Town/County Division	Project Description	Estimated Cost
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There will be no items presented for approval at the January 7, 2021, Board of Transportation meeting.

ITEM I - 3 SUMMARY – NO PROJECTS

NCDOT January 2021 Board of Transportation Agenda

Aviation Program

**Division
Airport
County**

Project Description

Division 12
Statesville
Regional Airport
Iredell County

Replace Glideslope and Localizer (Amendment) 36244.59.8.1

This project replaces navigation equipment for aircraft to land in inclement weather. The equipment has reached its useful life and can no longer be maintained. This amendment provides additional funds for the low bid proposal.

Safety Enhancement Program State Match Funds WBS TBD

This request awards state funds to match federal funds for safety related projects at rural airports under the Airport Safety Enhancement Program. The list below shows each airport with corresponding project type.

Statewide

Airport Name	DIV	Project Type
Hyde County	1	Terminal Parking & Windcone Construction
Northeastern Regional	1	Pavement & Lighting Rehab
Martin County	1	T-Hangar and Access Road
Mount Olive Municipal	4	Weather Station Site Prep (additional match)
Columbus County	6	Safety Area Widening
Richmond County	8	Runway Lighting Rehab
Montgomery County	8	Land Acquisition
Jackson County	14	Navigation Aid Improvements (additional match)

ITEM I - 4 SUMMARY – 2 REQUESTS – Total State Aid Cost \$279,012

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

**NCDOT January 2021 Board of Transportation Agenda
Approval of Strategic Transportation Investments Funds**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Hertford Co. Div. 1 R-5311B REGIONAL	WBS 45449.1.4 US 13 / NC 11 from NC 11/NC 561 intersection near Ahoskie to US 13/US 158 /NC 45 near Winston. \$10,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$15,000.00
Martin/ Beaufort Cos. Divs. 1/2 R-2511 DIVISION	WBS 35494.2.2 US 17 from Washington Bypass north of NC 171 to multi-lanes south of Williamston. \$1,000,000.00 has previously been approved for utilities. Additional funds are requested.	\$1,000,000.00
Martin/ Beaufort Cos. Divs. 1/2 R-2511 STATEWIDE/ DIVISION	WBS 35494.1.1 US 17 from Washington Bypass north of NC 171 to multi-lanes south of Williamston. \$4,997,296.00 has previously been approved for preliminary engineering. Additional funds are requested. This project has previously been identified as a Trust Fund Intrastate System project.	\$447,000.00
Carteret Co. Div. 2 B-5939 REGIONAL	WBS 46484.3.1 Bridge # 6 over Bogue Sound/Intracoastal Waterway on NC 58. \$4,200,000.00 has previously been approved for construction. Additional funds are requested.	\$1,700,000.00
Carteret Co. Div. 2 U-6058 REGIONAL	WBS 47482.1.1 US 70 (Live Oak Street) at NC 101. \$690,700.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$200,000.00

**NCDOT January 2021 Board of Transportation Agenda
Approval of Strategic Transportation Investments Funds**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Craven Co. Div. 2 R-3403B REGIONAL	WBS 34538.1.2 US 17 from SR 1433 (Antioch Road) to north of NC 43. \$2,524,627.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$250,000.00
Craven Co. Div. 2 R-5777 STATEWIDE	WBS 44648.1.1 US 70 from SR 1124 (Grantham Road) to the proposed US 70 Havelock Bypass. \$547,042.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$300,000.00
Craven Co. Div. 2 R-5777C STATEWIDE	WBS 44648.1.4 US 70 from Thurman Road to Havelock Bypass. \$3,845,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$2,250,000.00
Lenoir Co. Div. 2 R-2553 STATEWIDE	WBS 34460.1.2 US 70 (Kinston Bypass). \$8,117,830.00 has previously been approved for preliminary engineering. Additional funds are requested. This project has previously been identified as a Trust Fund Intrastate System project.	\$750,000.00
Lenoir Co. Div. 2 R-5813 REGIONAL	WBS 46983.1.1 US 70 at SR 1227 (Jim Sutton Road)/SR 1252 (Willie Measley Road). \$1,013,300.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$140,000.00

**NCDOT January 2021 Board of Transportation Agenda
Approval of Strategic Transportation Investments Funds**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Pitt Co. Div. 2 U-5730 REGIONAL	WBS 54021.2.1 US 13 (Memorial Drive) at NC 43 (5th Street). \$600,000.00 has previously been approved for full right of way and utilities. Additional funds are requested.	\$370,000.00
Pender Co. Div. 3 AV-5744 DIVISION	WBS 46338.2.1 Henderson Field Airport (ACZ). Initial funds are requested for full right of way and utilities.	\$778,000.00
Pender Co. Div. 3 AV-5744 DIVISION	WBS 46338.1.1 Henderson Field Airport (ACZ). Initial funds are requested for preliminary engineering.	\$99,000.00
Edgecombe/ Nash Cos. Div. 4 P-5711A STATEWIDE	WBS 44908.3.2 CSX A Line Intermodal Terminal. \$94,430,000.00 has previously been approved for construction. Additional funds are requested.	\$1,100,000.00
Edgecombe Co. Div. 4 R-5868 DIVISION	WBS 47802.3.1 New route from SR 1252 (Dunbar Road) to SR 1225 (Kingsboro Road). \$6,170,000.00 has previously been approved for construction. Additional funds are requested.	\$3,030,000.00

**NCDOT January 2021 Board of Transportation Agenda
Approval of Strategic Transportation Investments Funds**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Nash Co. Div. 4 B-5947 REGIONAL	WBS 45983.1.1 Replace bridge 91 over Tar River on NC 581. \$284,174.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$227,000.00
Nash Co. Div. 4 U-5996 DIVISION	WBS 47133.1.1 SR 1603 (Old Carriage Road) from Green Hills Road to SR 1770 (Eastern Avenue). \$2,604,235.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$160,000.00
Wayne Co. Div. 4 U-2714 REGIONAL	WBS 38979.2.1 US 117 from US 70 Bypass to SR 1306 (Fedelon Trail) in Goldsboro. \$10,382,842.00 has previously been approved for full right of way and utilities. Additional funds are requested. This is a BUILD NC BOND project.	\$500,000.00
Wake Co. Div. 5 B-5987 REGIONAL	WBS 47817.1.1 Replace bridges 115 & 117 over Norfolk Southern Railroad and an unnamed creek on US 401. \$133,528.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$140,000.00
Wake Co. Div. 5 P-5715 REGIONAL	WBS 46927.1.1 New Hope Church Road grade separation over CSX rail line. \$1,531,500.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$300,000.00

**NCDOT January 2021 Board of Transportation Agenda
Approval of Strategic Transportation Investments Funds**

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. \$2,862,072.00 has previously been approved for preliminary engineering. Additional funds are requested. This is a BUILD NC BOND project.	\$1,100,000.00
Wake Co. Div. 5 U-5748 REGIONAL	WBS 50168.2.1 US 401 at SR 2044 (Ligon Mill Road) / SR 2224 (Mitchell Mill Road) intersection in Raleigh. \$1,558,779.00 has previously been approved for advanced acquisition of a specific parcel. Funds are requested for full right of way and utilities. This is a BUILD NC BOND project.	\$3,850,000.00
Wake Co. Div. 5 U-5750 REGIONAL	WBS 50170.1.1 NC 54 from NC 540 to Perimeter Park Drive in Morrisville. \$2,037,700.00 has previously been approved for preliminary engineering. Additional funds are requested. This is a BUILD NC BOND project.	\$550,000.00
Columbus Co. Div. 6 R-2561C REGIONAL	WBS 34466.4.4 NC 87 from NC 11 to US 74/76. \$700,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$590,977.27). Project is delayed. WBS will be closed.	-\$590,977.27
Cumberland Co. Div. 6 W-5206AM(L) STATEWIDE	WBS 45336.3.42 NC 24/NC 87 from Barrington cross street to east of Martin Luther King westbound ramps; NC 24/ NC 210 (Rowan Street) between Ray Avenue and Ramsey Street. \$171,632.00 has previously been approved for landscaping. Funds need to be decreased (\$24,730.76). Project is complete. WBS will be closed.	-\$24,730.76

**NCDOT January 2021 Board of Transportation Agenda
Approval of Strategic Transportation Investments Funds**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Cumberland Co. Div. 6 W-5601AG(L) REGIONAL	WBS 50138.3.250 NC 53/NC 210 (Cedar Creek Road) from west of I-95 to east of I-95. \$110,685.00 has previously been approved for landscaping. Funds need to be decreased (\$21,345.24). Project is complete. WBS will be closed.	-\$21,345.24
Cumberland Co. Div. 6 X-0002B(L) STATEWIDE	WBS 35196.3.25 Fayetteville Outer Loop from west of NC 24 (Bragg Boulevard) to east of NC 210 / NC 87 (Murchison Road). \$325,000.00 has previously been approved for landscaping. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$126,771.00
Robeson Co. Div. 6 AV-5747 DIVISION	WBS 46341.1.1 Lumberton Regional Airport (LBT). Parallel taxiway runway 5. \$140,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$46,250.00
Robeson Co. Div. 6 I-6064AA STATEWIDE/ REGIONAL	WBS 49067.1.5 Signal and signal communication upgrades needed for I-6064. I-95 integrated corridor management project. Initial funds are requested for preliminary engineering using Statewide (\$52,470.00) and Regional (106,530.00) Tier funding.	\$159,000.00
Robeson Co. Div. 6 I-6064AA STATEWIDE/ REGIONAL	WBS 49067.3.5 Signal and signal communication upgrades needed for I-6064. I-95 integrated corridor management project. Initial funds are requested for construction using Statewide (\$174,900.00) and Regional (355,100.00) Tier funding.	\$530,000.00

**NCDOT January 2021 Board of Transportation Agenda
Approval of Strategic Transportation Investments Funds**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Pembroke/ Robeson Co. Div. 6 P-4900 STATEWIDE	WBS 41099.2.S1 Railroad Bypass of Pembroke to allow North to South shipments to turn East. \$3,723,040.00 has previously been approved for right of way. Additional funds are requested. This is a Strategic Transportation Investments Transition project	\$311,000.00
Guilford Co. Div. 7 P-5709 REGIONAL	WBS 46920.1.1 Norfolk Southern Railroad H LINE. \$1,200,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$350,000.00
Guilford Co. Div. 7 U-5896 DIVISION	WBS 44674.1.2 US 29 / US 70 / Business 85 at SR 1009 (South Main Street) in High Point. \$2,082,225.00 has previously been approved for preliminary engineering. Additional funds are requested. This is a BUILD NC BOND project.	\$500,000.00
Chatham Co. Div. 8 R-5930 DIVISION	WBS 48548.1.1 New route from Country Rountt Brown Road to US 15 / 501. \$1,210,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$1,525,000.00
Sanford/ Lee Co. Div. 8 U-5709 DIVISION	WBS 50159.1.1 SR 1237 (Carthage Street) from SR 1152 (Fire Tower Road) to NC 42 (Wicker Street) in Sanford. \$1,468,212.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$393,000.00

**NCDOT January 2021 Board of Transportation Agenda
Approval of Strategic Transportation Investments Funds**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Randolph Co. Div. 8 U-5308 DIVISION	WBS 47028.1.2 SR 1547 (Finch Farm Road) from south of SR 3106 (Kennedy Road) to I-85. \$2,490,612.00 has previously been approved for preliminary engineering. Additional funds are requested. This is a BUILD NC BOND project.	\$1,323,000.00
Randolph Co. Div. 8 U-5770 REGIONAL	WBS 54036.1.1 I-85 at SR 1993 (South Main Street) in Archdale. \$1,020,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$407,500.00
Forsyth Co. Div. 9 R-2577A REGIONAL	WBS 37405.2.4 US 158 from multi-lanes north of US 421 / I-40 Business to SR 1965 (Belews Creek Road). \$196,445.00 has previously been approved for advanced acquisition of a specific parcel. Additional funds are requested for full right of way.	\$30,000,000.00
Forsyth Co. Div. 9 R-2577A REGIONAL	WBS 37405.2.5 US 158 from multi-lanes north of US 421 / I-40 Business to SR 1965 (Belews Creek Road). Initial funds are requested for utilities.	\$6,000,000.00
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). \$10,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$200,000.00

**NCDOT January 2021 Board of Transportation Agenda
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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Cabarrus Co. Div. 10 AV-5890 REGIONAL	WBS 48401.3.1 Concord Regional Airport (JQF). Rehabilitate apron and taxiway pavement. \$315,000.00 has previously been approved for construction. Additional funds are requested.	\$250,000.00
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. \$1,370,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$350,000.00
Cabarrus Co. Div. 10 U-5761 REGIONAL	WBS 50174.1.1 NC 3 (Dale Earnhardt Blvd) at intersection of NC 3 and US 29/601 (Cannon Boulevard). \$1,382,154.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$250,000.00
Cabarrus/ Mecklenburg Cos. Div. 10 U-6032 DIVISION	WBS 46965.1.1 SR 2467 (Mallard Creek Road) / SR 1445 (Derita Road) from I-485 to Concord Mills Boulevard (SR 2894). \$1,648,328.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$550,000.00
Mecklenburg Co. Div. 10 U-4713A DIVISION	WBS 39077.1.2 SR 3440 (McKee Road Extension) from SR 3448 (Pleasant Plains Road) to SR 1009 (John Street). \$1,061,698.00 has previously been approved for preliminary engineering. Additional funds are requested. This is a BUILD NC BOND project.	\$300,000.00

**NCDOT January 2021 Board of Transportation Agenda
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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Mecklenburg Co. Div. 10 U-6103 STATEWIDE	WBS 48136.1.1 US 74 (Independence Boulevard) from I-277 to NC 27 (Albemarle Road). \$1,395,700.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$1,500,000.00
Stanly Co. Div. 10 R-5965B DIVISION	WBS 49190.2.3 Various, NC 205/SR 1110 (Swift Road) at intersection and SR 1110 (Swift Road)/SR 1115 (Big Lick Road) intersection. Initial funds are requested for full right of way and utilities.	\$250,000.00
Wilkes Co. Div. 11 R-2603 REGIONAL	WBS 36001.3.2 NC 268 from multi-lanes east of NC 18 to SR 1966 (Airport Road). \$29,428,065.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$272,895.00
Cleveland Co. Div. 12 R-4045 REGIONAL	WBS 34598.1.2 US 74 from Mooresboro to proposed Shelby Bypass (R-2707). Initial funds are requested for preliminary engineering.	\$1,500,000.00
Buncombe Co. Div. 13 I-2513A REGIONAL	WBS 34165.1.6 I-26 from I-26/I-40/I-240 interchange to SR 3548 (Haywood Road). Initial funds are requested for preliminary engineering.	\$2,000,000.00

**NCDOT January 2021 Board of Transportation Agenda
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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Rutherford Co. Div. 13 R-2233BB STATEWIDE/ DIVISION	WBS 34400.2.5 US 221 south of US 74 Business (Charlotte Road) to north of SR 1366 (Roper Loop Road). \$36,320,681.00 has previously been approved for advanced acquisition and full right of way. Additional funds are requested. This project has previously been identified as a Trust Fund Intrastate System project.	\$20,000,000.00
Graham Co. Div. 14 U-5866 DIVISION	WBS 46390.3.1 US 129 (Rodney Orr Bypass) to Robinsville High School and Middle School. \$5,002,713.00 has previously been approved for construction. Additional funds are requested.	\$270,000.00
Haywood Co. Div. 14 U-4712 DIVISION	WBS 39076.1.2 US 23 Business (South Main Street) from SR 1164 (Hyatt Creek Road) to US 276 (Pigeon Street). \$1,369,891.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$560,000.00
Haywood Co. Div. 14 U-5839 DIVISION	WBS 50230.1.1 US 276 (Russ Avenue) from US 23/74 to US 23 Business (Main Street). \$2,988,225.00 has previously been approved for preliminary engineering. Additional funds are requested. This is a BUILD NC BOND project.	\$515,000.00
Henderson Co. Div. 14 I-4400C REGIONAL	WBS 34232.2.5 I-26 from US 25 Business (Exit 44) to NC 280 (Exit 40). \$4,235,339.00 has previously been approved for full right of way. Additional funds are requested.	\$1,356,000.00

**NCDOT January 2021 Board of Transportation Agenda
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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Henderson Co. Div. 14 R-5207A DIVISION	WBS 45393.2.2 SR 1006 from US 64 to Henderson County Bridge no. 20 (B-3662). \$5,129,463.00 has previously been approved for full right of way and utilities. Additional funds are requested.	\$482,000.00
Henderson Co. Div. 14 R-5207C DIVISION	WBS 45393.3.5 SR 1006 (Howard Gap Road) from SR 1539 (Jackson Road) to US 25 in Fletcher. \$1,999,971.00 has previously been approved for construction. Additional funds are requested.	\$250,000.00
Henderson Co. Div. 14 R-5771 DIVISION	WBS 46877.3.2 Replace bridge 107 on SR 1690 (Broadpointe Drive). Initial funds are requested for construction.	\$500,000.00
Macon Co. Div. 14 R-5734B REGIONAL	WBS 50192.1.2 US 23 / US 441 from SR 1652 (Wide Horizon Drive) / SR 1152 (Belden Circle) to SR 1649 (Prentiss Bridge Road). \$1,149,300.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$375,000.00
Macon Co. Div. 14 U-5604 REGIONAL	WBS 45832.3.1 US 441 Business from US 23 / US 64 / US 441 to Porter Street. Intersection improvements at Womack Street, Maple Street, Porter Street and Depot Street in Franklin. \$5,700,000.00 has previously been approved for construction. Additional funds are requested. This is a BUILD NC BOND project.	\$2,090,000.00

**NCDOT January 2021 Board of Transportation Agenda
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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Swain/ Jackson Cos. Div. 14 R-4751 REGIONAL	WBS 40115.1.2 US 19 from SR 1152 (Hughes Branch Road) in Bryson City to SR 1195 (US 19A). \$2,042,913.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$176,000.00
Transylvania Co. Div. 14 R-5605 DIVISION	WBS 43587.3.1 Davidson River Village Connector from US 64/US 276 to US 64 in Pisgah Forest. \$12,893,315.00 has previously been approved for construction. Additional funds are requested. This is a BUILD NC BOND project.	\$4,400,000.00
Transylvania Co. Div. 14 R-5763 DIVISION	WBS 44638.1.1 SR 1540 (Wilson Road) from SR 1504 (Old US 64) to US 276. \$1,770,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$1,679,000.00
Transylvania Co. Div. 14 R-5799 REGIONAL	WBS 44984.1.1 Intersections of US 64, US 276 and NC 280. Construct intersection improvements. \$1,645,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$520,000.00
Statewide M-0194 STATEWIDE	WBS 34263.1.1 Feasibility Studies by Division of Planning and Programming. \$73,300,381.00 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.	\$15,000,000.00

**NCDOT January 2021 Board of Transportation Agenda
Approval of Strategic Transportation Investments Funds**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Statewide M-0539 STATEWIDE/ REGIONAL/ DIVISION	WBS 49082.4.2 Mitigation for Neuse Basin 0202. Initial funds are requested to purchase private mitigation bank credits using 40% Statewide (\$4,400,000.00) / 30% Regional (\$3,300,000.00) / 30% Division (\$3,300,000.00) Tier funding.	\$11,000,000.00
Statewide M-0539 STATEWIDE/ REGIONAL/ DIVISION	WBS 49082.4.3 Mitigation for Yadkin 01. Initial funds are requested to purchase private mitigation bank credits using 40% Statewide (\$10,400,000.00) / 30% Regional (\$7,800,000.00) / 30% Division (\$7,800,000.00) Tier funding.	\$26,000,000.00
Statewide M-0539 STATEWIDE/ REGIONAL/ DIVISION	WBS 49082.4.4 Mitigation for Cape Fear 02. Initial funds are requested to purchase private mitigation bank credits using 40% Statewide (\$4,000,000.00) / 30% Regional (\$3,000,000.00) / 30% Division (\$3,000,000.00) Tier funding.	\$10,000,000.00
Statewide M-0539 STATEWIDE/ REGIONAL/ DIVISION	WBS 49082.4.5 Mitigation for French Broad 0105. Initial funds are requested to purchase private mitigation bank credits using 40% Statewide (\$4,000,000.00) / 30% Regional (\$3,000,000.00) / 30% Division (\$3,000,000.00) Tier funding.	\$10,000,000.00
Statewide M-0539 STATEWIDE/ REGIONAL/ DIVISION	WBS 49082.4.6 Mitigation for Little Tenn 0204. Initial funds are requested to purchase private mitigation bank credits using 40% Statewide (\$1,004,640.00) / 30% Regional (\$753,480.00) / 30% Division (\$753,480.00) Tier funding.	\$2,511,600.00

**NCDOT January 2021 Board of Transportation Agenda
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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Statewide M-0539 STATEWIDE/ REGIONAL/ DIVISION	WBS 49082.4.7 Mitigation for Pasquotank 0205. Initial funds are requested to purchase private mitigation bank credits using 40% Statewide (\$5,727,247.20) / 30% Regional (\$4,295,435.40) / 30% Division (\$4,295,435.40) Tier funding.	\$14,318,118.00
Statewide M-0539 STATEWIDE/ REGIONAL/ DIVISION	WBS 49082.4.8 Mitigation for Watauga 0103. Initial funds are requested to purchase private mitigation bank credits using 40% Statewide (\$2,588,659.20) / 30% Regional (\$1,941,494.40) / 30% Division (\$1,941,494.40) Tier funding.	\$6,471,648.00
Statewide M-0539 STATEWIDE/ REGIONAL/ DIVISION	WBS 49082.4.9 Mitigation for Cape Fear 0005. Initial funds are requested to purchase private mitigation bank credits using 40% Statewide (\$4,067,199.20) / 30% Regional (\$3,050,399.40) / 30% Division (\$3,050,399.40) Tier funding.	\$10,167,998.00
Statewide M-0539 STATEWIDE/ REGIONAL/ DIVISION	WBS 49082.4.1 Mitigation for Neuse Basin 0201. Initial funds are requested to purchase private mitigation bank credits using 40% Statewide (\$8,800,000.00) / 30% Regional (\$6,600,000.00) / 30% Division (\$6,600,000.00) Tier funding.	\$22,000,000.00
Statewide M-0539ZB STATEWIDE	WBS 49082.3.2 GIS based Regional Modeling. Initial funds are requested for special projects (GIS based Regional Model).	\$2,000,000.00

STATEWIDE STRATEGIC TRANSPORTATION INVESTMENTS	10 PROJECTS	\$23,313,040.24
REGIONAL STRATEGIC TRANSPORTATION INVESTMENTS	30 PROJECTS	\$54,627,072.49
DIVISION STRATEGIC TRANSPORTATION INVESTMENTS	22 PROJECTS	\$18,810,250.00
STATEWIDE/REGIONAL STRATEGIC TRANSPORTATION INVESTMENTS	2 PROJECTS	\$689,000.00
STATEWIDE/DIVISION STRATEGIC TRANSPORTATION INVESTMENTS	2 PROJECTS	\$20,447,000.00
STATEWIDE/REGIONAL/ DIVISION STRATEGIC TRANSPORTATION INVESTMENTS	9 PROJECTS	\$112,469,364.00
STRATEGIC TRANSPORTATION INVESTMENTS	75 PROJECTS	\$230,355,726.73

January 7, 2021

***Correction and resubmission from November 5, 2020 Board Approval (Page K-23) As reads:

Gaston Co. Div. 12 U-3633 REGIONAL/ DIVISION	WBS 37649.3.3 NC 273 (South Main Street) from Tuckaseegee Road at Beatty Drive to Highland Street at A&E Drive. \$17,346,281.00 has previously been approved for construction. \$3,342,614.00 of Federal funds and \$835,653.50 of State Match funds will be replaced with <u>Division</u> BUILD NC BOND funds.	\$0.00
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***The correction should be:

Gaston Co. Div. 12 U-3633 REGIONAL	WBS 37649.3.3 NC 273 (South Main Street) from Tuckaseegee Road at Beatty Drive to Highland Street at A&E Drive. \$17,346,281.00 has previously been approved for construction. \$3,342,614.00 of Federal funds and \$835,653.50 of State Match funds will be replaced with BUILD NC BOND funds.	\$0.00
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***Correction and resubmission from November 5, 2020 Board Approval (Page K-24) As reads:

Gaston Co. Div. 12 W-5212N REGIONAL/ DIVISION	WBS 45342.3.14 NC 279 (Dallas Cherryville Highway) from south of (St. Mark's Church Road) to north of NC 275. \$17,990,252.00 has previously been approved for construction. \$8,975,775.00 of Federal funds and \$2,243,944.00 of State Match funds will be replaced with <u>Division</u> BUILD NC BOND funds.	\$0.00
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***The correction should be:

Gaston Co. Div. 12 W-5212N REGIONAL	WBS 45342.3.14 NC 279 (Dallas Cherryville Highway) from south of (St. Mark's Church Road) to north of NC 275. \$17,990,252.00 has previously been approved for construction. \$8,975,775.00 of Federal funds and \$2,243,944.00 of State Match funds will be replaced with BUILD NC BOND funds.	\$0.00
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January 7, 2021

**NCDOT January 2021 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. CATEGORY	Project Description	Estimated Cost
Pasquotank Div. 1 SS-4901BI	WBS 48241.3.1 US 17 (North Road Street) at SR 1333 (Main Street). \$189,000.00 in Spot Safety construction funds has previously been approved for left turn lane installation. Additional funds are needed due to an increase in construction costs. File 01-17-48512-1	\$161,000.00
Wesley Chapel/ Union Co. Div. 10 SM-5710E	WBS 47905.2.1 SR 1346 (Potter Road) and SR 1162 (Wesley Chapel Road). \$42,000.00 in Spot Mobility right of way and utilities funds has previously been approved for roundabout installation. This project is being set up as a 20% companion match to allocated STBG-DA funds for the location. Additional funds are needed due to right of way and utility cost increases. Re-open ROW WBS, increase funds, transfer \$29,250.00 from SM-5710E (WBS 47905.2.1) to U-6087 (WBS 47882.2.1) to cover the 20% state match needed, and then re-close 47905.2.1. File 10-17-211-2	\$29,250.00
Weddington/ Union Co. Div. 10 SS-4910DH	WBS 48163.1.1 SR 1344 (Weddington Matthews Road) at SR 1345 (Tilley Morris Road). \$148,000.00 in Spot Safety preliminary engineering funds has previously been approved for roundabout installation. This project is being set up only as a 20% companion match to allocated STPG-DA funds for the location. Additional funds are needed due to preliminary engineering cost increases. Re-open PE WBS, increase funds, transfer \$9,500 from SS-4910DH (WBS 48163.1.1) to U-6090 (WBS 47884.1.1) to cover the 20% state match needed, and then re-close 48163.1.1. File 10-17-205-4	\$9,500.00
ITEM L SUMMARY	3 PROJECTS	\$199,750.00

January 7, 2020

**NCDOT January 2021 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 1

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
DARE B-2500 EXEMPT	32635.3.5, BRNHF-0012(063) Replace Bridge #11 over Oregon Inlet on NC 12. \$252,902,159.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. This is a Strategic Transportation Investments (STI) transition project.	\$58,950,000.00 Cost \$47,160,000.00 Fed. \$11,790,000.00 State
Pasquotank Co. B-5139 EXEMPT	42300.3.FD1, BRZ-1332(2) Replace Bridge #21 over Knobb's Creek on SR 1332 (Creek Road). \$1,175,000.00 has previously been approved for construction. Funds need to be decreased (\$225,294.00). Work associated with this WBS is complete. This WBS will be closed. This is a Strategic Transportation Investments (STI) transition project.	(\$225,294.00) Cost (\$180,236.00) Fed. (\$45,058.00) State

**NCDOT January 2021 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 2

National Highway

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Craven Co. K-5101 EXEMPT	42229.3.FS1, NHPP-0070(173) US 70 Rest Area Renovations. \$1,050,000.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. Work associated with this WBS is complete. This WBS will be closed. This is a Strategic Transportation Investments (STI) transition project.	\$716,468.00 Cost \$571,664.00 Fed. \$144,804.00 State

Bridge

Craven Co. BP-5500FF STATEWIDE	50070.3.31, BRSTP-0070(191) Bridge preservation on Bridges #83, #84, #222 and #231 on US 70 / US 17 / NC 55 in Craven County. \$4,397,500.00 has previously been approved for construction. Funds need to be decreased (\$494,487.00). Work associated with this WBS is complete. This WBS will be closed.	(\$494,487.00) Cost (\$395,591.00) Fed. (\$98,896.00) State
Lenoir Co. B-4565 EXEMPT	33773.3.FR1, BRSTP-070B(5) Replace Bridges #42 and #43 over the Neuse River, and Bridges #26 and #28 over the Neuse River Overflow on US 70 Business / US 258 Business in Kinston. \$2,134,756.77 has previously been approved for construction. Funds need to be decreased (\$173,146.00). Work associated with this WBS is complete. This WBS will be closed. This is a Strategic Transportation Investments (STI) transition project.	(\$173,146.00) Cost (\$138,519.00) Fed. (\$34,627.00) State

**NCDOT January 2021 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 4

Rail Program

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Wayne Co. P-5100 EXEMPT	42538.1.1, STP-0414(6) Goldsboro Union Station facility upgrades to convert the historic facility into a multi-modal transportation center. \$2,050,246.36 has previously been approved for preliminary engineering. Funds need to be decreased (\$1,065,022.00). This project is being withdrawn in the Federal system. This WBS will be closed. This is a Strategic Transportation Investments (STI) transition project.	(\$1,065,022.00) Cost (\$1,026,598.00) Fed. (\$38,424.00) State

**NCDOT January 2021 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 5

Congestion Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Wake Co. C-5604HA EXEMPT	43714.2.10, CMAQ-0512(13) Mingo Creek Greenway Extension from the existing greenway to Knightdale Station Park in Knightdale. \$372,000.00 has previously been approved for right of way and utilities. Additional funds are needed as requested.	\$374,000.00 Cost \$299,200.00 Fed. \$74,800.00 Local

Urban

Wake Co. U-2719 STATEWIDE	35869.3.1, IMSNHS-0440(10) I-440 / US 1 from south of SR 1313 (Walnut Street) to north of SR 1728 (Wade Avenue) in Raleigh. This is now a GARVEE BOND project with a principal amount of \$30,000,000.00. Repayment of the bond requires \$2,574,000.00 of Federal funds in FFY2019 thru FFY2033. \$322,500,000.00 has previously been approved for construction. This request includes an increase of \$5,788,603.00 to reflect the low bid received on October 2, 2018, and \$15,889,482.00 to convert the project to GARVEE BOND.	\$21,678,085.00 Cost \$13,240,882.00 Fed. \$8,437,203.00 State
Wake Co. U-6242 DIVISION	49184.1.1, Federal No. 3555004 Complete Street Upgrades on SR 3555 (Old Wake Forest Road) / SR 2015 (Dixie Forest Road) from SR 2015 / SR 2041 (Spring Forest Road) to US 1 (Capital Boulevard) in Raleigh. Funds are needed for preliminary engineering.	\$15,000.00 Cost \$12,000.00 Fed. \$3,000.00 Local

Bridge

Wake Co. B-4655 EXEMPT	38455.1.2, BRZ-1006(40) Replace Bridge #277 over Black Creek on SR 1006 (Old Stage Road). \$100,625.00 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.	\$360,595.00 Cost \$288,295.00 Fed. \$72,300.00 State
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**NCDOT January 2021 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 5 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Granville Co. HS-2005A DIVISION	49309.1.2, Federal No. 1602005 SR 1602 (Main Street) at SR 1207 (Spring Street) in Oxford. Funds are needed for preliminary engineering.	\$22,000.00 Cost \$19,800.00 Fed. \$2,200.00 State

Rural

Wake Co. R-2814B EXEMPT	34506.3.GV2, STP-0401(214) US 401 (Rolesville Bypass) from SR 2225 (Louisbury Road) to NC 96 (Zebulon Road) in Rolesville. \$43,942,897.85 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. This is a Strategic Transportation Investments (STI) transition project.	\$4,331,747.00 Cost (\$6,733,070.00) Fed. \$11,064,817.00 State
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Bicycle and Pedestrian

Durham Co. U-4726HN DIVISION	36268.1.31, STPDA-0505(081) Pedestrian Improvements along SR 1321 (Hillandale Road) from I-85 to NC 147 (Durham Freeway) in Durham. \$465,105.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$185,453.00 Cost \$148,362.00 Fed. \$37,091.00 Local
Wake Co. EB-6049 DIVISION	49180.1.1, Federal No. 0510010 Sidewalk extensions along Avent Ferry Road in Holly Springs. Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,000.00 Fed. \$1,000.00 Local

**NCDOT January 2021 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 6

Urban

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Cumberland Co. U-2809B EXEMPT	34865.2.3, STP-1132(7) SR 1132 (Legion Road) from SR 1363 (Elk Road) to SR 1007 (Owen Drive) in Fayetteville. \$7,448,384.75 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 completed. This WBS will be closed.	\$1,960,198.00 Cost \$1,556,474.00 Fed. \$403,724.00 State

Bridge

Cumberland Co. B-4091(L) REGIONAL	33449.2.3, BRSTBG-0095(052)) Landscaping for B-4091: Replace Bridge #85 over the Cape Fear River / SR 1738 (Middle River Loop) / SR 1741 (Eastern Boulevard) on I-95 Business Loop / US 301 in Fayetteville. \$341,631.00 has previously been approved for landscaping. Funds need to be decreased (\$127,278.00). Work associated with this WBS is complete. This WBS will be closed.	(\$127,278.00) Cost (\$120,678.00) Fed. (\$6,600.00) Local
Cumberland Co. B-4491 REGIONAL	38389.3.3, BRSTP-0059(005) Replace Bridge #22 over I-95 Business / US 301 on NC 59 (Chicken Foot Road / South Main Street). \$15,729,654.83 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$556,983.00 Cost \$445,586.00 Fed. \$111,397.00 State
Cumberland Co. B-5993 DIVISION	48148.3.1, STBG-0620(049) Replace Bridge #211 over Beaver Creek on Louise Street in Fayetteville. \$1,150,000.00 has previously been approved for construction. Additional funds are needed as requested. Work associated with this WBS is complete. This WBS will be closed. This is a municipal bridge project.	\$127,036.00 Cost \$101,628.00 Fed. \$25,408.00 Local

**NCDOT January 2021 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 6 (Continued)

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Cumberland Co. B-5993 DIVISION	48148.2.1, STBG-0620(049) Replace Bridge #211 over Beaver Creek on Louise Street in Fayetteville. \$256,000.00 has previously been approved for right of way and utilities. Funds need to be decreased (\$227,228.00). Work associated with this WBS is complete. This WBS will be closed. This is a municipal bridge project.	(\$227,228.00) Cost (\$181,783.00) Fed. (\$45,445.00) Local
Cumberland Co. B-5993 DIVISION	48148.1.1, STBG-0620(049) Replace Bridge #211 over Beaver Creek on Louise Street in Fayetteville. \$60,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$8,410.00). Work associated with this WBS is complete. This WBS will be closed. This is a municipal bridge project.	(\$8,410.00) Cost (\$6,728.00) Fed. (\$1,682.00) Local

**NCDOT January 2021 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 7

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Guilford Co. I-5736 STATEWIDE	52018.3.1, NHPP-0074(174) I-74 / US 311 from I-40 to SR 1300 (Green Road) in High Point. \$17,200,154.50 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$1,758,572.00 Cost \$1,406,719.00 Fed. \$351,853.00 State

**NCDOT January 2021 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 8

Enhancement

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Moore Co. ER-5600HG DIVISION	46305.3.41, STBG-0211(042) Tree planting and landscaping in the medians of NC 211 and US 15 / US 501 in Pinehurst. \$122,150.00 has previously been approved for vegetation management. Funds need to be decreased (\$113,933.00). Work associated with this WBS is complete. This WBS will be closed.	(\$113,933.00) Cost (\$91,147.00) Fed. (\$22,786.00) State

**NCDOT January 2021 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 9

Rural

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Forsyth Co. R-2247B REGIONAL	34409.2.21, NHF-0918(50) Winston-Salem Northern Beltway (Western Section) from south of I-40 to south of the US 421 Interchange. \$767,476.00 has previously been approved for right of way and utilities. Additional state funds are needed to cover expenditures that have or will exceed the previously authorized budget. This project is being withdrawn in the Federal system. Work associated with this WBS is complete. This WBS will be closed.	\$136,790.00 Cost (\$606,781.00) Fed. \$743,571.00 State

**NCDOT January 2021 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 10

Urban

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Mecklenburg Co. U-0209B EXEMPT	34749.2.GV2, NHFSTP-0074(94) US 74 (Independence Boulevard) from NC 24 / NC 27 (Albemarle Road) to Idlewild Road in Charlotte. Additional state funds are needed to cover non-participating expenditures. This is a Strategic Transportation Investments (STI) transition project.	\$1,560,253.00 Cost \$1,560,253.00 State
Union Co. U-6087 DIVISION	47882.1.1, STBGDA-1003(170) SR 1346 (Potter Road) at SR 1162 (Wesley Chapel Road) in Wesley Chapel. \$158,000.00 has previously been approved for preliminary engineering. Additional funds are needed to align funding with the local agreement. State match for this request utilizes Spot Mobility funds.	\$42,000.00 Cost \$25,002.00 Fed. \$16,998.00 State
Union Co. U-6087 DIVISION	47882.2.1, STBGDA-1003(170) SR 1346 (Potter Road) at SR 1162 (Wesley Chapel Road) in Wesley Chapel. \$100,000.00 has previously been approved for right of way and utilities. Additional funds are needed to align funding with the local agreement. State match for this request utilizes Spot Mobility funds.	\$125,000.00 Cost \$73,750.00 Fed. \$51,250.00 State

**NCDOT January 2021 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 12

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Gaston Co. I-5893 STATEWIDE	46426.3.1, NHPIM-0085(025) Pavement rehabilitation along I-85 from Milemarker 14 to Milemarker 22 in Gaston County. \$9,119,286.95 has previously been approved for construction. Funds need to be decreased (\$1,104,607.32). Work associated with this WBS is complete. This WBS will be closed.	(\$1,104,607.00) Cost (\$883,686.00) Fed. (\$220,921.00) State

Urban

Catawba Co. U-4700A STATEWIDE	35993.2.GV6, NHP-0321(039) US 321 from US 70 in Hickory to US 321 Alternate (combined with: B-4450: Replace Bridge #367 over the Catawba River on US 321). This project no longer utilizes GARVEE BOND funds. \$57,889,481.00 has previously been approved for right of way and utilities. Funds need to be decreased (\$15,889,481.00) to remove GARVEE BOND funding.	(\$15,889,481.00) Cost (\$8,610,000.00) Fed. (\$7,279,481.00) State
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Bridge

Gaston Co. B-4753 EXEMPT	38525.2.1, BRSTP-2439(1) Replace Bridge #15 over Duhart's Creek on SR 2439 (Lowell Bethesda Road). \$259,000.00 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.	\$160,401.00 Cost \$128,320.00 Fed. \$32,081.00 State
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Bicycle and Pedestrian

Catawba Co. EB-5937 DIVISION	48178.2.1, STBGDA-1143(016) Book Walk Multi-Use Pathway from City Walk to Ridgeview Library in Hickory. Funds are needed for full right of way and utilities.	\$225,000.00 Cost \$180,000.00 Fed. \$45,000.00 Local
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**NCDOT January 2021 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 12 (Continued)

Bicycle and Pedestrian

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Catawba Co. EB-5938 DIVISION	48179.2.1, STBGDA-1143(015) Book Walk South Multi-Use Pathway from Ridgeview Library to Walmart in Hickory. Funds are needed for full right of way and utilities.	\$105,000.00 Cost \$84,000.00 Fed. \$21,000.00 Local
Gaston Co. EB-5768 DIVISION	51072.1.1, Federal No. 1213043 Sidewalks along South Marietta Street and Hilltop Drive in Gastonia. \$315,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$315,000.00). This project is being withdrawn in the Federal system. This WBS will be closed.	(\$315,000.00) Cost (\$252,000.00) Fed. (\$63,000.00) Local
Gaston Co. EB-5912 DIVISION	47578.1.1, Federal No. 1227013 Sidewalks along SR 2044 (Tuckaseege Road) in Mount Holly. \$287,500.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$287,500.00). This project is being withdrawn in the Federal system. This WBS will be closed.	(\$287,500.00) Cost (\$230,000.00) Fed. (\$57,500.00) Local
Gaston Co. EB-5975 DIVISION	48522.1.1, Federal No. 1213044 NC 279 (New Hope Road) from US 29 / US 74 (Franklin Boulevard) to Hunt Avenue in Gastonia. \$516,250.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$516,250.00). This project is being withdrawn in the Federal system. This WBS will be closed.	(\$516,250.00) Cost (\$413,000.00) Fed. (\$103,250.00) Local
Gaston Co. EB-5976 DIVISION	48523.1.1, Federal No. 1213045 SR 2200 (Cox Road) from I-85 to Court Drive in Gastonia. \$350,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$350,000.00). This project is being withdrawn in the Federal system. This WBS will be closed.	(\$350,000.00) Cost (\$280,000.00) Fed. (\$70,000.00) Local

**NCDOT January 2021 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 13

Urban

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Burke Co. U-6057 EXEMPT	47412.1.1, APD-1302(084) Connector Road from NC 18 (South Sterling Street) to West Parker Road in Morganton. \$30,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$28,237.00) to align funding with the Appalachian Regional Commission (ARC) award. Work associated with this WBS is complete. This WBS will be closed. This is an Appalachian Development project.	(\$28,237.00) Cost (\$28,237.00) Fed.
Burke Co. U-6057 EXEMPT	47412.3.1, APD-1302(084) Connector Road from NC 18 (South Sterling Street) to West Parker Road in Morganton. \$1,375,000.00 has previously been approved for construction. Funds need to be decreased (\$1,763.00) to align funding with the Appalachian Regional Commission (ARC) award. This is an Appalachian Development project.	(\$1,763.00) Cost (\$1,763.00) Fed.

**NCDOT January 2021 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 14

Rural

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Divisionwide R-5803 REGIONAL	44999.1.1, NHP-0074(196) Shoulder improvements along US 74 in Cherokee, Macon and Swain Counties. \$1,444,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$823,455.00). This project is being withdrawn in the Federal system. This WBS will be closed.	(\$823,455.00) Cost (\$1,156,000.00) Fed. \$332,545.00 State
Haywood Co. R-4047 EXEMPT	34599.2.FR1, STP-0209(6) NC 209 from US 23 Business to north of SR 1523 (Old Clyde Road). \$23,788,410.00 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. This is a Strategic Transportation Investments (STI) transition project.	\$105,218.00 Cost \$84,175.00 Fed. \$21,043.00 State

**NCDOT January 2021 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Statewide

Rail Program

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Statewide RX-2100 DIVISION	49351.1.1, Federal No. 2100002 Inventory and Data Analysis for rail crossing safety projects across North Carolina. Funds are needed for preliminary engineering.	\$500,000.00 Cost \$450,000.00 Fed. \$50,000.00 State
Statewide Y-5500 DIVISION	45533.1.FS1, RR-000S(773) Traffic Separation Study for the evaluation, design, and implementation of rail crossing closures across North Carolina. \$2,374,056.05 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$100,000.00 Cost \$90,000.00 Fed. \$10,000.00 State
Statewide Z-5800 DIVISION	44806.1.1, RR-00SS(024) Preliminary Engineering for rail crossing safety improvement projects across North Carolina. \$800,000.00 has previously been approved for statewide preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$450,000.00 Cost \$405,000.00 Fed. \$45,000.00 State

ITEM M SUMMARY - 42 PROJECT(S) - (TOTAL FEDERAL AND STATE) \$72,939,886.00

REVISIONS TO THE 2020-2029 STIP

HIGHWAY PROGRAM
STIP ADDITIONS

DIVISION 6

* BL-0004	PEMBROKE, CONSTRUCT BICYCLE AND PEDESTRIAN	ENGINEERING	FY 2022 -	\$120,000	(O)
ROBESON	PATHS ADJACENT TO NC 711, COLLEGE STREET, AND	CONSTRUCTION	FY 2023 -	\$1,037,000	(O)
PROJ.CATEGORY	RAILROAD STREET IN PEMBROKE.		FY 2024 -	\$346,000	(O)
EXEMPT	<u>PROJECT ADDED AT REQUEST OF THE TOWN DUE TO</u>				
	<u>AWARD OF FEDERAL BUILD GRANT (REPRESENTED</u>				
	<u>BY 'O' FUNDS).</u>			\$1,503,000	

* HL-0009	NC 711, INSTALLATION OF TWO-WAY LEFT TURN	CONSTRUCTION	FY 2022 -	\$250,000	(HF)
ROBESON	LANES (TWLTL) AND RELATED IMPROVEMENTS ALONG		FY 2022 -	\$2,201,000	(O)
PROJ.CATEGORY	NC 711 FROM VANCE STREET TO JONES STREET IN		FY 2022 -	\$798,000	(L)
EXEMPT	PEMBROKE.		FY 2023 -	\$271,000	(O)
	<u>PROJECT ADDED AT REQUEST OF THE TOWN DUE TO</u>				
	<u>AWARD OF FEDERAL BUILD GRANT (REPRESENTED</u>				
	<u>BY 'O' FUNDS).</u>			\$3,520,000	

* HL-0010	PEMBROKE, IMPROVEMENTS TO SR 1563 (UNION	ENGINEERING	FY 2022 -	\$70,000	(O)
ROBESON	CHAPEL ROAD) AND MAIN STREET IN PEMBROKE.	CONSTRUCTION	FY 2023 -	\$633,000	(O)
PROJ.CATEGORY	<u>PROJECT ADDED AT REQUEST OF THE TOWN DUE TO</u>		FY 2023 -	\$224,000	(L)
EXEMPT	<u>AWARD OF FEDERAL BUILD GRANT (REPRESENTED</u>		FY 2024 -	\$212,000	(O)
	<u>BY 'O' FUNDS).</u>		FY 2024 -	\$88,000	(L)
				\$1,227,000	

* HL-0011	VARIOUS ROUTES, CROSS-PHASE INFRASTRUCTURE	CONSTRUCTION	FY 2023 -	\$278,000	(O)
ROBESON	IMPROVEMENTS INCLUDING NEW TECHNOLOGY		FY 2023 -	\$67,000	(L)
PROJ.CATEGORY	INSTALLATIONS, STORMWATER IMPROVEMENTS, AND		FY 2024 -	\$93,000	(O)
EXEMPT	WAYFINDING IN PEMBROKE.			\$438,000	
	<u>PROJECT ADDED AT REQUEST OF THE TOWN DUE TO</u>				
	<u>AWARD OF FEDERAL BUILD GRANT (REPRESENTED</u>				
	<u>BY 'O' FUNDS).</u>				

DIVISION 13

* BL-0005	NC 251/ SR 1781 (BROADWAY STREET), CONSTRUCT	ENGINEERING	FY 2022 -	\$51,000	(BGDA)
BUNCOMBE	PEDESTRIAN IMPROVEMENTS FROM US 19/23		FY 2022 -	\$13,000	(S(M))
PROJ.CATEGORY	NORTHBOUND EXIT RAMP TO NORTH OF SR 1477	CONSTRUCTION	FY 2022 -	\$259,000	(BGDA)
EXEMPT	(RIVERSIDE DRIVE).		FY 2022 -	\$65,000	(S(M))
	<u>PROJECT ADDED AT REQUEST OF MPO.</u>			\$388,000	

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2020-2029 STIP

HIGHWAY PROGRAM
STIP ADDITIONS

DIVISION 13

* BL-0006	VARIOUS, CONSTRUCT PEDESTRIAN IMPROVEMENTS	ENGINEERING	FY 2022 -	\$60,000	(BGDA)
BUNCOMBE	AT VARIOUS LOCATIONS WITHIN THE CITY OF		FY 2022 -	\$15,000	(L)
PROJ.CATEGORY	ASHEVILLE (PRIMARILY WITHIN SCHOOL ZONES).	CONSTRUCTION	FY 2025 -	\$600,000	(BGDA)
DIVISION	<u>PROJECT ADDED AT REQUEST OF MPO.</u>		FY 2025 -	\$150,000	(L)
				<u>\$825,000</u>	
* HL-0003	US 19/23 BUSINESS (HAYWOOD ROAD), UPGRADE	CONSTRUCTION	FY 2022 -	\$1,450,000	(BGANY)
BUNCOMBE	ROADWAY (INCLUDING RESURFACING AND		FY 2022 -	\$1,057,000	(BGDA)
PROJ.CATEGORY	PEDESTRIAN IMPROVEMENTS) FROM US 19/23/74		FY 2022 -	\$2,710,000	(S(M))
REGIONAL	(PATTON AVENUE) TO RIDGELAWN ROAD.		FY 2023 -	\$1,450,000	(BGANY)
	<u>PROJECT ADDED AT REQUEST OF MPO.</u>		FY 2023 -	\$1,057,000	(BGDA)
				<u>\$7,724,000</u>	
* HL-0012	I-240, US 70 (CHARLOTTE STREET) INTERSECTIONS.	ENGINEERING	FY 2020 -	\$100,000	(HF)
BUNCOMBE	CONSTRUCT PEDESTRIAN IMPROVEMENTS AND A	RIGHT-OF-WAY	FY 2020 -	\$64,000	(HF)
PROJ.CATEGORY	RIGHT TURN LANE ON THE I-240 EASTBOUND OFF-	CONSTRUCTION	FY 2022 -	\$668,000	(BGDA)
EXEMPT	RAMP.		FY 2022 -	\$570,000	(S(M))
	<u>PROJECT ADDED AT REQUEST OF MPO.</u>			<u>\$1,402,000</u>	
* HL-0013	9TH STREET, REPLACE BRIDGE 100522 OVER	CONSTRUCTION	FY 2022 -	\$544,000	(BGDA)
BUNCOMBE	TOMAHAWK BRANCH IN BLACK MOUNTAIN.		FY 2022 -	\$136,000	(L)
PROJ.CATEGORY	<u>PROJECT ADDED AT REQUEST OF MPO.</u>			<u>\$680,000</u>	
DIVISION					
* HL-0014	SR 3214 (BILTMORE AVENUE), WHITE FAWN DRIVE	ENGINEERING	FY 2022 -	\$32,000	(BGDA)
BUNCOMBE	INTERSECTION. INSTALL A TRAFFIC SIGNAL AND		FY 2022 -	\$8,000	(L)
PROJ.CATEGORY	CONSTRUCT PEDESTRIAN IMPROVEMENTS.	CONSTRUCTION	FY 2022 -	\$320,000	(BGDA)
DIVISION	<u>PROJECT ADDED AT REQUEST OF MPO.</u>		FY 2022 -	\$80,000	(L)
				<u>\$440,000</u>	

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2020-2029 STIP

HIGHWAY PROGRAM
STIP ADDITIONS

DIVISION 14

* BL-0007A HENDERSON PROJ.CATEGORY DIVISION	ECUSTA RAIL-TRAIL, KANUGA ROAD TO 5TH AVENUE WEST <u>PROJECT ADDED AT REQUEST OF MPO.</u>	ENGINEERING	FY 2022 - \$150,000 (BGDA)
			FY 2022 - \$37,000 (L)
		CONSTRUCTION	FY 2023 - \$993,000 (BGDA)
			FY 2023 - \$248,000 (L)
			<u>\$1,428,000</u>

* BL-0007B HENDERSON PROJ.CATEGORY DIVISION	ECUSTA RAIL-TRAIL, 5TH AVENUE WEST TO LANDIA DRIVE <u>PROJECT ADDED AT REQUEST OF MPO.</u>	ENGINEERING	FY 2022 - \$181,000 (BGDA)
			FY 2022 - \$45,000 (L)
		CONSTRUCTION	FY 2023 - \$1,337,000 (BGDA)
			FY 2023 - \$334,000 (L)
			<u>\$1,897,000</u>

* BL-0007C HENDERSON PROJ.CATEGORY DIVISION	ECUSTA RAIL-TRAIL, LANDIA DRIVE TO INTERSECTION OF US 64/BATTLE CREEK <u>PROJECT ADDED AT REQUEST OF MPO.</u>	ENGINEERING	FY 2022 - \$274,000 (BGDA)
			FY 2022 - \$69,000 (L)
		CONSTRUCTION	FY 2023 - \$2,140,000 (BGDA)
			FY 2023 - \$535,000 (L)
			<u>\$3,018,000</u>

* BL-0008 HENDERSON PROJ.CATEGORY DIVISION	CLEAR CREEK GREENWAY/ HENDERSONVILLE, CONSTRUCT MULTI-USE PATH FROM BERKELEY MILLS PARK TO LAKEWOOD ROAD. <u>PROJECT ADDED AT REQUEST OF MPO.</u>	ENGINEERING	FY 2022 - \$154,000 (BGDA)
			FY 2022 - \$39,000 (L)
		RIGHT-OF-WAY	FY 2023 - \$78,000 (BGDA)
			FY 2023 - \$20,000 (L)
		CONSTRUCTION	FY 2024 - \$1,455,000 (BGDA)
			FY 2024 - \$364,000 (L)
			<u>\$2,110,000</u>

STATEWIDE

* TM-0024 STATEWIDE PROJ.CATEGORY	AIM GRANT OPPORTUNITY FROM THE FTA. DISCRETIONARY GRANT AWARDED BY FTA. THIS WILL ALLOW THE CITY TO EXPAND SERVICE AND HOURS <u>ADD PROJECT AT THE REQUEST OF INTEGRATED MOBILITY DIVISION NCDOT. NEW PROJECT DEVELOPED FOR FEDERAL FUNDING AWARD.</u>	OPERATIONS	2021 \$250,000 (5312)
			2021 <u>\$63,000</u> (L)
			\$313,000

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2020-2029 STIP

HIGHWAY PROGRAM
STIP ADDITIONS

STATEWIDE

* TO-0003	HUMAN TRAFFICKING AWARENESS AND PUBLIC SAFETY INITIATIVE DISCRETIONARY GRANT AWARDED BY FTA. GRANT WILL ALLOW FOR STATEWIDE TRAINING AND IMPLEMENTATION OF A TRAINING PROGRAM FOR TRANSIT EMPLOYEES ACROSS THE STATE ON HOW TO RECOGNIZE AND RESPOND TO THE SIGNS OF HUMAN TRAFFICKING. THE DEPARTMENT ALSO WILL DEVELOP HUMAN TRAFFICKING AWARENESS EDUCATIONAL MATERIALS TO BE POSTED ON TRANSIT VEHICLES AND STATIONS.	ADMINISTRATIVE	2021	\$90,000	(5312)
STATEWIDE			2021	<u>\$30,000</u>	(5307)
PROJ.CATEGORY				\$120,000	

ADD PROJECT AT THE REQUEST OF INTEGRATED MOBILITY DIVISION NCDOT. NEW PROJECT DEVELOPED FOR FEDERAL FUNDING AWARD.

* TO-0004	SYSTEM SAFETY OVERSIGHT GRANT FOR NCDOT RAIL DIVISION.	ADMINISTRATIVE	2021	\$88,000	(S)
STATEWIDE			2021	<u>\$352,000</u>	(SSO)
PROJ.CATEGORY				\$440,000	

ADD PROJECT AT THE REQUEST OF INTEGRATED MOBILITY DIVISION NCDOT. NEW PROJECT DEVELOPED FOR FEDERAL FUNDING AWARD FOR SYSTEM SAFETY OVERSIGHT.

* TU-0003	H.O.P.E GRANT OPPORTUNITY FROM THE FTA. DISCRETIONARY GRANT AWARDED BY FTA. PLANNING AND DESIGN IN PREPARATION FOR ELECTRIC VEHICLE DEPLOYMENT.	PLANNING	2021	<u>\$122,000</u>	(5312)
STATEWIDE				\$122,000	
PROJ.CATEGORY					

ADD PROJECT AT THE REQUEST OF INTEGRATED MOBILITY DIVISION NCDOT. NEW PROJECT DEVELOPED FOR FEDERAL FUNDING AWARD.

STIP MODIFICATIONS

DIVISION 3

AV-5823	CLINTON SAMPSON COUNTY AIRPORT (CTZ), OVERLAY RUNWAY TO ACCOMMODATE LARGER AIRCRAFT.	CONSTRUCTION	FY 2025 -	<u>\$1,904,000</u>	(T)
SAMPSON				\$1,904,000	
PROJ.CATEGORY					
DIVISION					

AT REQUEST OF THE DIVISION OF AVIATION, DELAY CONSTRUCTION FROM FY 22 TO FY 25.

* EB-6034	SR 1144 (FIRST STREET), CONSTRUCTION OF BIKE LANES ON BOTH SIDES OF FIRST STREET FROM RALEIGH STREET TO BEAUFORT STREET IN OCEAN ISLE BEACH.	CONSTRUCTION	FY 2021 -	\$473,000	(BGDA)
BRUNSWICK			FY 2021 -	<u>\$315,000</u>	(L)
PROJ.CATEGORY				\$788,000	
DIVISION					

ACCELERATE CONSTRUCTION FROM FY 22 TO FY 21 SO PROJECT CAN BE COMPLETED UNDER BRUNSWICK COUNTY RESURFACING PACKAGE. DELETE RIGHT-OF-WAY FROM FY 21.

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2020-2029 STIP

HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 3

* U-4906 ONslow PROJ.CATEGORY TRANSITION	SR 1308 (GUM BRANCH ROAD), WEST OF SR 1313 (MILLS FIELDS ROAD) TO EAST OF SR 1324 (RAMSEY ROAD) IN JACKSONVILLE. WIDENING. <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	CONSTRUCTION	FY 2022 - <u>\$11,500,000</u> \$11,500,000	(BGANY)
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U-6202 NEW HANOVER PROJ.CATEGORY DIVISION	SR 2048 (GORDON ROAD), US 17 (MARKET STREET) TO I-40. WIDEN ROADWAY. <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	BUILD NC ROW	FY 2022 -	\$858,000	(T)	
			FY 2023 -	\$858,000	(T)	
			FY 2024 -	\$858,000	(T)	
			FY 2025 -	\$858,000	(T)	
			FY 2026 -	\$858,000	(T)	
			FY 2027 -	\$858,000	(T)	
			FY 2028 -	\$858,000	(T)	
			FY 2029 -	\$858,000	(T)	
			POST YR-	\$6,006,000	(T)	
			RIGHT-OF-WAY	FY 2022 -	\$2,309,000	(T)
				FY 2023 -	\$2,309,000	(T)
			UTILITIES	FY 2022 -	\$2,321,000	(T)
				FY 2023 -	\$2,322,000	(T)
			BUILD NC CON	FY 2024 -	\$1,287,000	(T)
				FY 2025 -	\$1,287,000	(T)
FY 2026 -	\$1,287,000	(T)				
FY 2027 -	\$1,287,000	(T)				
FY 2028 -	\$1,287,000	(T)				
FY 2029 -	\$1,287,000	(T)				
CONSTRUCTION	POST YR-	\$11,583,000	(T)			
	FY 2024 -	\$5,100,000	(T)			
	FY 2025 -	<u>\$5,100,000</u>	(T)			
		\$51,636,000				

DIVISION 4

AV-5811 WAYNE PROJ.CATEGORY DIVISION	MOUNT OLIVE MUNICIPAL AIRPORT (W40), EXTEND RUNWAY TO 5500 FEET. <u>AT REQUEST OF THE DIVISION OF AVIATION, DELAY CONSTRUCTION FROM FY 23 TO FY 29.</u>	CONSTRUCTION	FY 2029 - <u>\$603,000</u> \$603,000	(T)
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* I-5936 WILSON PROJ.CATEGORY STATEWIDE	I-95, JOHNSTON COUNTY LINE (MILE MARKER 108.2) TO NORTH OF SR 1116 (GOVERNOR HUNT ROAD) (MILE MARKER 114.5). PAVEMENT REHABILITATION. <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	CONSTRUCTION	FY 2026 - <u>\$5,100,000</u> \$5,100,000	(NHPIIM)
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* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2020-2029 STIP

HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 4

* U-6223	SR 1560 (RANCH ROAD EXTENSION), US 70	RIGHT-OF-WAY	FY 2021 -	\$434,000	(S)
JOHNSTON	BUSINESS/NC 42 TO SR 1560 (RANCH ROAD) IN		FY 2021 -	\$1,735,000	(BGDA)
PROJ.CATEGORY	CLAYTON. NEW LOCATION EXTENSION OF RANCH	CONSTRUCTION	FY 2022 -	\$1,250,000	(S)
DIVISION	ROAD.		FY 2022 -	\$5,000,000	(BGDA)
				<u>\$8,419,000</u>	
	<u>ACCELERATE RIGHT-OF-WAY FROM FY 23 TO FY 21 AND CONSTRUCTION FROM FY 24 TO FY 22 AT REQUEST OF THE DIVISION AND THE TOWN.</u>				

DIVISION 5

AV-5818	PERSON COUNTY EXECUTIVE AIRPORT (TDF), EXTEND	CONSTRUCTION	FY 2029 -	\$5,615,000	(T)
PERSON	RUNWAY TO TOTAL LENGTH OF 7000 FT, CONSTRUCT		POST YR-	\$5,615,000	(T)
PROJ.CATEGORY	TAXIWAY EXTENSION AND RELOCATE SR 1311 (CATES			<u>\$11,230,000</u>	
DIVISION	MILL ROAD).				
	<u>TO ASSIST IN BALANCING FUNDS, DELAY CONSTRUCTION FROM FY 21 TO FY 29 (NOTE: CORRECTION TO OCTOBER 2020 ITEM N)</u>				

AV-5819	TRIANGLE NORTH EXECUTIVE AIRPORT (LHZ),	RIGHT-OF-WAY	FY 2027 -	\$530,000	(T)
FRANKLIN	CONSTRUCT RUNWAY EXTENSION, TO INCLUDE	CONSTRUCTION	FY 2029 -	\$3,890,000	(T)
PROJ.CATEGORY	RELOCATION OF UTILITIES, NAVAID AND ROADWAYS.		POST YR-	\$7,780,000	(T)
DIVISION				<u>\$12,200,000</u>	
	<u>TO ASSIST IN BALANCING FUNDS, DELAY RIGHT OF WAY FROM FY 21 TO FY 27 AND CONSTRUCTION FROM FY 22 TO FY 29 (NOTE: CORRECTION TO OCTOBER 2020 ITEM N)</u>				

* HL-0006	US 401, SR 1393 (HILLTOP-NEEDMORE ROAD) / SR 2751	RIGHT-OF-WAY	FY 2024 -	\$3,000,000	(NHPBA)
WAKE	(HILLTOP ROAD) / SR 2752 (AIR PARK ROAD)	UTILITIES	FY 2024 -	\$1,000,000	(NHPBA)
PROJ.CATEGORY	INTERSECTION AND SR 1375 (LAKE WHEELER ROAD)	CONSTRUCTION	FY 2025 -	\$13,000,000	(NHPBA)
EXEMPT	INTERSECTION IN FUQUAY-VARINA. CONVERT TO			<u>\$17,000,000</u>	
	REDUCED-CONFLICT INTERSECTIONS AND REALIGN				
	SR 2751 TO INTERSECT OPPOSITE SR 1375.				
	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>				

* HS-2005A	SR 1602 (MAIN STREET), SR 1207 (SPRING STREET)	CONSTRUCTION	FY 2021 -	\$100,000	(HSIP)
GRANVILLE	INTERSECTION IN OXFORD. CONSTRUCT MINI-			<u>\$100,000</u>	
PROJ.CATEGORY	ROUNDBOUT.				
DIVISION	<u>NEW PROJECT BREAK ADDED AT REQUEST OF TRANSPORTATION MOBILITY AND SAFETY DIVISION.</u>				

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2020-2029 STIP

HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 5

* P-5737	CSX S LINE, SR 2108 (MILLBROOK ROAD) IN RALEIGH.	RIGHT-OF-WAY	FY 2021 -	\$3,700,000	(T)
WAKE	CONSTRUCT GRADE SEPARATION AND CLOSE	CONSTRUCTION	FY 2021 -	\$10,000,000	(DP)
PROJ.CATEGORY	CROSSING 630605A.		FY 2021 -	\$3,620,000	(T)
STATEWIDE			FY 2021 -	\$510,000	(O)
				\$17,830,000	

COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS. "DP" FUNDING REFLECTS CONSOLIDATED RAIL INFRASTRUCTURE AND SAFETY IMPROVEMENTS (CRISI) PROGRAM AWARD; "O" FUNDING REFLECTS PARTICIPATION BY CSX CORPORATION.

U-5746	US 401, SR 1467 / SR 2839 (ALLEN STREET) TO SR 1010	CONSTRUCTION	FY 2022 -	\$3,800,000	(T)
WAKE	(TEN-TEN ROAD). ADD LANES.			\$3,800,000	
PROJ.CATEGORY					
REGIONAL					

TO ALLOW ADDITIONAL TIME FOR RIGHT OF WAY ACQUISITION AND UTILITY RELOCATION DELAY CONSTRUCTION FROM FY 21 TO 22.

* U-5751	US 401, NC 55 / NC 42 IN FUQUAY-VARINA. IMPROVE	RIGHT-OF-WAY	FY 2029 -	\$8,674,000	(T)
WAKE	US 401 INTERSECTION WITH NC 55 / NC 42. PROJECT		POST YR-	\$26,022,000	(T)
PROJ.CATEGORY	WILL INCLUDE IMPROVEMENTS TO NC 55	UTILITIES	FY 2029 -	\$624,000	(T)
REGIONAL	INTERSECTION WITH NC 42, AND CONSTRUCTION OF	CONSTRUCTION	POST YR-	\$18,500,000	(T)
	CONNECTOR FROM NC 55 TO SR 5056 (JUDD			\$53,820,000	
	PARKWAY).				

COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.

DIVISION 6

I-5987C	I-95, GAUGE INSTALLATION, MODELING / HYDRAULIC	CONSTRUCTION	FY 2023 -	\$65,000	(T)
ROBESON	STUDIES, AND STRESS TESTING ALONG CORRIDOR.		FY 2023 -	\$250,000	(O)
PROJ.CATEGORY				\$315,000	
REGIONAL					

PROJECT BREAK ADDED AT REQUEST OF THE HYDRAULICS UNIT. 'O' FUNDS REPRESENT FEDERAL BUILD GRANT FUNDS.

* I-6064B	I-95, CARTHAGE ROAD (EXIT 19) TO US 301	RIGHT-OF-WAY	FY 2021 -	\$7,429,000	(T)
ROBESON	(FAYETTEVILLE ROAD, EXIT 22). WIDEN ROADWAY.	UTILITIES	FY 2021 -	\$3,623,000	(T)
PROJ.CATEGORY		CONSTRUCTION	FY 2021 -	\$3,615,000	(T)
STATEWIDE			FY 2022 -	\$34,342,000	(T)
			FY 2023 -	\$34,343,000	(T)
				\$83,352,000	

MODIFY PROJECT FUNDING FROM FEDERAL TO STATE FUNDS.

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2020-2029 STIP

HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 6

I-6064D	I-95, GAUGE INSTALLATION, MODELING / HYDRAULIC	CONSTRUCTION	2023	\$65,000	(T)
ROBESON	STUDIES, AND STRESS TESTING ALONG CORRIDOR.		2023	<u>\$250,000</u>	(O)
PROJ.CATEGORY	<u>PROJECT BREAK ADDED AT REQUEST OF THE</u>			\$315,000	
STATEWIDE	<u>HYDRAULICS UNIT. 'O' FUNDS REPRESENT FEDERAL</u>				
	<u>BUILD GRANT FUNDS.</u>				

U-5798B	SR 1102 (GILLIS HILL ROAD), FROM SR 1418 (LINDSAY	RIGHT-OF-WAY	FY 2023 -	\$1,851,000	(T)
CUMBERLAND	ROAD) TO NORTH OF SR 1112 (STONE POINT ROAD).	UTILITIES	FY 2023 -	\$154,000	(T)
PROJ.CATEGORY	WIDEN TO MULTI-LANES.	BUILD NC CON	FY 2025 -	\$429,000	(T)
DIVISION	<u>TO MORE CLOSELY ALIGN RIGHT-OF-WAY WITH LET</u>		FY 2026 -	\$429,000	(T)
	<u>DATE, DELAY RIGHT-OF-WAY FROM FY 21 TO FY 23.</u>		FY 2027 -	\$429,000	(T)
			FY 2028 -	\$429,000	(T)
			FY 2029 -	\$429,000	(T)
			POST YR-	\$4,290,000	(T)
		CONSTRUCTION	FY 2025 -	<u>\$5,300,000</u>	(T)
				\$13,740,000	

DIVISION 7

* I-3306A	I-40, I-85 TO DURHAM COUNTY LINE. NC 86	RIGHT-OF-WAY	FY 2021 -	\$9,391,000	(NHP)
ORANGE	INTERCHANGE IMPROVEMENTS	UTILITIES	FY 2021 -	\$628,000	(NHP)
PROJ.CATEGORY	<u>ADD SEGMENT "A" TO REPLACE SEGMENTS AA, AB</u>	GARVEE CON	FY 2021 -	\$9,266,000	(NHP)
STATEWIDE	<u>AND AC AND COMBINE FUNDING TO FACILITATE</u>		FY 2022 -	\$9,266,000	(NHP)
	<u>PROJECT DELIVERY. COST INCREASE EXCEEDING \$2</u>		FY 2023 -	\$9,266,000	(NHP)
	<u>MILLION AND 25% THRESHOLDS.</u>		FY 2024 -	\$9,266,000	(NHP)
			FY 2025 -	\$9,266,000	(NHP)
			FY 2026 -	\$9,266,000	(NHP)
			FY 2027 -	\$9,266,000	(NHP)
			FY 2028 -	\$9,266,000	(NHP)
			FY 2029 -	\$9,266,000	(NHP)
			POST YR-	\$55,596,000	(NHP)
		CONSTRUCTION	FY 2021 -	\$31,600,000	(NHP)
			FY 2021 -	<u>\$36,000,000</u>	(S(M))
				\$216,609,000	

* I-3306AA	I-40, I-85 TO NC 86
ORANGE	<u>DELETE SEGMENT AA; WORK TO BE ACCOMPLISHED</u>
PROJ.CATEGORY	<u>UNDER I-3306A.</u>
STATEWIDE	

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2020-2029 STIP

HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 7

* I-3306AB ORANGE PROJ.CATEGORY STATEWIDE	I-40, NC 86 TO DURHAM COUNTY LINE <u>DELETE SEGMENT AB; WORK TO BE ACCOMPLISHED UNDER I-3306A.</u>				
* I-3306AC ORANGE PROJ.CATEGORY REGIONAL	I-40, NC 86 INTERCHANGE IMPROVEMENTS <u>DELETE SEGMENT AC; WORK TO BE ACCOMPLISHED UNDER I-3306A.</u>				
* I-5949 GUILFORD RANDOLPH PROJ.CATEGORY STATEWIDE	I-74 / US 311, US 29 / US 70 / BUSINESS 85 IN GUILFORD COUNTY TO SR 1928 (CEDAR SQUARE ROAD) IN RANDOLPH COUNTY. PAVEMENT REHABILITATION. <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	CONSTRUCTION	FY 2027 -	<u>\$9,700,000</u> \$9,700,000	(NHPIM)
P-5713 GUILFORD PROJ.CATEGORY STATEWIDE	NORTH CAROLINA RAILROAD (NCRR) / NORFOLK SOUTHERN RAILROAD, SR 1424 (HILLTOP ROAD) IN GREENSBORO. CONVERT AT-GRADE CROSSING TO GRADE SEPARATION. <u>TO ASSIST IN BALANCING FUNDS, DELAY RIGHT-OF- WAY FROM FY 21 TO 23 AND CONSTRUCTION FROM FY 22 TO FY 25. "O" FUNDING REFLECTS PARTICIPATION BY NORFOLK SOUTHERN CORPORATION.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2023 - FY 2025 - FY 2025 - FY 2026 -	\$916,000 \$2,668,000 \$267,000 <u>\$2,667,000</u> \$6,518,000	(T) (T) (O) (T)
Y-4807B GUILFORD PROJ.CATEGORY DIVISION	LOWDERMILK STREET SYKES AVENUE, PINE STREET CROSSING CLOSURE AND LOWDERMILK STREET / SYKES AVENUE REALIGNMENT IN GREENSBORO. <u>BASED ON PRIORITY NEEDS, ACCELERATE CONSTRUCTION FROM FY 22 TO FY 21. "O" FUNDING REFLECTS FREIGHT RAIL AND RAIL CROSSING SAFETY IMPROVEMENT (FRRCSI) FUNDS.</u>	CONSTRUCTION	FY 2021 - FY 2021 -	\$1,450,000 <u>\$1,100,000</u> \$2,550,000	(RR) (O)

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2020-2029 STIP

HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 8

* I-5947A MONTGOMERY PROJ.CATEGORY STATEWIDE	I-73/74, MONTGOMERY COUNTY LINE TO NC 211. PAVEMENT REHABILITATION. <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	CONSTRUCTION	FY 2023 - <u>\$11,400,000</u> \$11,400,000	(BGIM)
* I-5947C MONTGOMERY PROJ.CATEGORY STATEWIDE	I-73/74, NC 24/27 TO RANDOLPH COUNTY LINE. PAVEMENT REHABILITATION. <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	CONSTRUCTION	FY 2023 - <u>\$9,700,000</u> \$9,700,000	(BGIM)
* I-5948 RANDOLPH PROJ.CATEGORY STATEWIDE	I-73 / I-74 / US 220, MONTGOMERY COUNTY LINE TO NORTH OF SR 1462 (PARK DRIVE) IN ASHEBORO. PAVEMENT REHABILITATION. <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	CONSTRUCTION	FY 2027 - \$8,500,000 FY 2028 - <u>\$8,500,000</u> \$17,000,000	(NHPIM) (NHPIM)
R-5930 CHATHAM PROJ.CATEGORY DIVISION	NEW ROUTE, COUNTRY ROUTT BROWN ROAD TO US 15 / US 501. CONSTRUCT 2-LANE ROADWAY ON NEW LOCATION. <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS. "O" FUNDING REFLECTS LOCAL PARTICIPATION.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2022 - \$2,071,000 FY 2022 - \$100,000 FY 2023 - <u>\$9,600,000</u> FY 2023 - \$9,000,000 FY 2024 - <u>\$9,600,000</u> \$30,371,000	(T) (T) (T) (O) (T)
U-5814 MOORE PROJ.CATEGORY REGIONAL	US 15 / US 501 / NC 211, US 1 (SANDHILLS BOULEVARD) IN ABERDEEN TO BRUCEWOOD ROAD IN SOUTHERN PINES. ACCESS MANAGEMENT IMPROVEMENTS. <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	CONSTRUCTION	FY 2025 - \$7,350,000 FY 2026 - <u>\$7,350,000</u> \$14,700,000	(T) (T)
U-5815B MOORE PROJ.CATEGORY REGIONAL	US 1 (SANDHILLS BOULEVARD), KNIGHT STREET IN ABERDEEN TO OLD US 1 IN SOUTHERN PINES, SR 1112 (ROSELAND ROAD) REALIGNMENT AT US1, IMPROVE RADII AT US 15 / US 501. <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	CONSTRUCTION	FY 2025 - \$12,550,000 FY 2026 - <u>\$12,550,000</u> \$25,100,000	(T) (T)

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2020-2029 STIP

HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 9

R-5737	US 29 / US 70 / BUSINESS 85, SR 1798 (OLD	CONSTRUCTION	FY 2022 -	\$9,167,000	(T)
DAVIDSON	GREENSBORO ROAD). CONVERT AT-GRADE		FY 2023 -	\$9,167,000	(T)
PROJ.CATEGORY	INTERSECTION TO INTERCHANGE.		FY 2024 -	<u>\$9,166,000</u>	(T)
DIVISION	<u>TO ALLOW ADDITIONAL TIME FOR RIGHT-OF-WAY</u>			\$27,500,000	
	<u>AND UTILITIES, DELAY CONSTRUCTION FROM FY 21</u>				
	<u>TO FY 22.</u>				

U-2729	SR 1672 (HANES MILL ROAD), MUSEUM DRIVE TO SR	ENGINEERING	FY 2020 -	\$78,000	(T)
FORSYTH	4000 (UNIVERSITY PARKWAY) IN WINSTON-SALEM.		FY 2021 -	\$78,000	(T)
PROJ.CATEGORY	WIDEN TO MULTI-LANES.		FY 2022 -	\$78,000	(T)
DIVISION	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25%</u>		FY 2023 -	\$78,000	(T)
	<u>THRESHOLDS.</u>		FY 2024 -	\$78,000	(T)
			FY 2025 -	\$78,000	(T)
			FY 2026 -	\$78,000	(T)
			FY 2027 -	\$78,000	(T)
			FY 2028 -	\$78,000	(T)
			FY 2029 -	\$78,000	(T)
			POST YR-	\$391,000	(T)
		BUILD NC ROW	FY 2020 -	\$49,000	(T)
			FY 2021 -	\$49,000	(T)
			FY 2022 -	\$49,000	(T)
			FY 2023 -	\$49,000	(T)
			FY 2024 -	\$49,000	(T)
			FY 2025 -	\$49,000	(T)
			FY 2026 -	\$49,000	(T)
			FY 2027 -	\$49,000	(T)
			FY 2028 -	\$49,000	(T)
			FY 2029 -	\$49,000	(T)
			POST YR-	\$191,000	(T)
		CONSTRUCTION	FY 2022 -	\$7,750,000	(T)
			FY 2023 -	<u>\$7,750,000</u>	(T)
				\$17,352,000	

DIVISION 10

AV-5879	CHARLOTTE DOUGLAS INTERNATIONAL AIRPORT	CONSTRUCTION	FY 2024 -	\$500,000	(T)
MECKLENBURG	(CLT), CONSTRUCT FOURTH PARALLEL RUNWAY.		FY 2024 -	<u>\$607,000,000</u>	(O)
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>			\$607,500,000	
STATEWIDE	<u>DESIGN, DELAY CONSTRUCTION FROM FY 22 TO FY</u>				
	<u>24. OTHER FUNDS PROVIDED BY CHARLOTTE</u>				
	<u>DOUGLAS INTERNATIONAL AIRPORT.</u>				

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2020-2029 STIP

HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 10

AV-5893	CHARLOTTE DOUGLAS INTERNATIONAL AIRPORT	CONSTRUCTION	FY 2025 -	\$500,000	(T)
MECKLENBURG	(CLT), EXPAND CONCOURSE A (PHASE II).		FY 2025 -	<u>\$202,000,000</u>	(O)
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>			\$202,500,000	
REGIONAL	<u>DESIGN, DELAY CONSTRUCTION FROM FY 20 TO FY</u>				
	<u>25. OTHER FUNDS PROVIDED BY CHARLOTTE</u>				
	<u>DOUGLAS INTERNATIONAL AIRPORT.</u>				
* B-5811	SR 1434 (ROGERS ROAD), REPLACE BRIDGE 830042	RIGHT-OF-WAY	FY 2025 -	\$15,000	(BGOFF)
STANLY	OVER BIG BEAR CREEK.	CONSTRUCTION	FY 2026 -	<u>\$600,000</u>	(BGOFF)
PROJ.CATEGORY	<u>TO ASSIST IN BALANCING FUNDS, DELAY RIGHT-OF-</u>			\$615,000	
DIVISION	<u>WAY FROM FY 22 TO FY 25 AND CONSTRUCTION</u>				
	<u>FROM FY 22 TO FY 26.</u>				
* U-3415A	SR 1394 (POPLAR TENT ROAD), EAST OF I-85 TO	BUILD NC ROW	FY 2024 -	\$172,000	(T)
CABARRUS	GEORGE LILES PARKWAY		FY 2025 -	\$172,000	(T)
PROJ.CATEGORY	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25%</u>		FY 2026 -	\$172,000	(T)
DIVISION	<u>THRESHOLDS.</u>		FY 2027 -	\$172,000	(T)
			FY 2028 -	\$172,000	(T)
			FY 2029 -	\$172,000	(T)
			POST YR-	\$1,548,000	(T)
		RIGHT-OF-WAY	FY 2024 -	\$10,350,000	(T)
			FY 2025 -	\$10,350,000	(T)
		UTILITIES	FY 2024 -	\$1,850,000	(T)
			FY 2025 -	\$1,850,000	(T)
		BUILD NC CON	FY 2026 -	\$686,000	(T)
			FY 2027 -	\$686,000	(T)
			FY 2028 -	\$686,000	(T)
			FY 2029 -	\$686,000	(T)
			POST YR-	\$7,374,000	(T)
		CONSTRUCTION	FY 2026 -	\$2,667,000	(T)
			FY 2027 -	\$2,667,000	(T)
			FY 2028 -	<u>\$2,666,000</u>	(T)
				\$45,098,000	

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2020-2029 STIP

HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 10

* U-4913 MECKLENBURG UNION PROJ.CATEGORY DIVISION	IDLEWILD ROAD, SR 3175 (STALLINGS ROAD) TO SR 1524 (STEVENS MILL ROAD). WIDEN EXISTING ROADWAY. <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	RIGHT-OF-WAY UTILITIES BUILD NC CON	FY 2022 - \$4,000,000 (T) FY 2023 - \$4,000,000 (T) FY 2022 - \$1,950,000 (T) FY 2023 - \$1,950,000 (T) FY 2025 - \$257,000 (T) FY 2026 - \$257,000 (T) FY 2027 - \$257,000 (T) FY 2028 - \$257,000 (T) FY 2029 - \$257,000 (T) POST YR- \$2,570,000 (T)
		CONSTRUCTION	FY 2025 - \$8,333,000 (T) FY 2026 - \$8,333,000 (T) FY 2027 - <u>\$8,334,000</u> (T) \$40,755,000
* U-5769A UNION PROJ.CATEGORY REGIONAL	NC 16 (PROVIDENCE ROAD SOUTH), SR 1316 (REA ROAD EXTENSION) TO SR 1307 (BONDS GROVE CHURCH RD). WIDEN TO MULTI-LANES. <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2024 - \$5,350,000 (T) FY 2025 - \$5,350,000 (T) FY 2024 - \$5,733,000 (T) FY 2025 - \$5,733,000 (T) FY 2026 - \$5,734,000 (T) FY 2027 - \$6,600,000 (T) FY 2028 - \$6,600,000 (T) FY 2029 - \$6,600,000 (T) POST YR- <u>\$6,600,000</u> (T) \$54,300,000
* U-5769B UNION PROJ.CATEGORY REGIONAL	NC 16 (PROVIDENCE ROAD SOUTH), SR 1307 (BONDS GROVE CHURCH RD) TO SR 3530 (WAXHAW PARKWAY) IN WAXHAW. WIDEN TO MULTI-LANES. <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2024 - \$7,750,000 (T) FY 2025 - \$7,750,000 (T) FY 2024 - \$11,250,000 (T) FY 2025 - \$11,250,000 (T) FY 2026 - \$11,250,000 (T) FY 2027 - \$7,850,000 (T) FY 2028 - \$7,850,000 (T) FY 2029 - \$7,850,000 (T) POST YR- <u>\$7,850,000</u> (T) \$80,650,000
* U-6032 CABARRUS MECKLENBURG PROJ.CATEGORY DIVISION	SR 2467 (MALLARD CREEK ROAD)/ SR 1445 (DERITA ROAD), I-485 TO CONCORD MILLS BOULEVARD (SR 2894). WIDEN TO MULTI-LANES. <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2022 - \$4,800,000 (T) FY 2023 - \$4,800,000 (T) FY 2024 - \$4,800,000 (T) FY 2022 - \$500,000 (T) FY 2025 - \$8,333,000 (T) FY 2026 - \$8,333,000 (T) FY 2027 - <u>\$8,334,000</u> (T) \$39,900,000

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2020-2029 STIP

HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 12

* R-4045	US 74, SR 1168 (LATTIMORE ROAD) INTERSECTION.	RIGHT-OF-WAY	FY 2022 -	\$1,500,000	(T)
CLEVELAND	UPGRADE AT-GRADE INTERSECTION TO		FY 2023 -	\$1,500,000	(T)
PROJ.CATEGORY	INTERCHANGE.	UTILITIES	FY 2022 -	\$950,000	(T)
REGIONAL	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS. DP FUNDS REPRESENT FEDERAL INFRA GRANT.</u>		FY 2023 -	\$950,000	(T)
		CONSTRUCTION	FY 2022 -	\$3,600,000	(DP)
			FY 2022 -	\$430,000	(T)
			FY 2023 -	\$6,990,000	(T)
			FY 2024 -	\$6,990,000	(T)
			FY 2025 -	\$6,990,000	(T)
				<u>\$29,900,000</u>	
* U-5799	US 21, SR 1933 TO FORT DOBBS ROAD. WIDEN TO	ENGINEERING	FY 2020 -	\$151,000	(T)
IREDELL	MULTI-LANES AND REALIGN OFFSET INTERSECTIONS		FY 2021 -	\$151,000	(T)
PROJ.CATEGORY	OF SR 1922 AND SR 2171.		FY 2022 -	\$151,000	(T)
REGIONAL	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>		FY 2023 -	\$151,000	(T)
			FY 2024 -	\$151,000	(T)
			FY 2025 -	\$151,000	(T)
			FY 2026 -	\$151,000	(T)
			FY 2027 -	\$151,000	(T)
			FY 2028 -	\$151,000	(T)
			FY 2029 -	\$151,000	(T)
			POST YR-	\$755,000	(T)
		BUILD NC ROW	FY 2020 -	\$4,000	(T)
			FY 2021 -	\$4,000	(T)
			FY 2022 -	\$4,000	(T)
			FY 2023 -	\$4,000	(T)
			FY 2024 -	\$4,000	(T)
			FY 2025 -	\$4,000	(T)
			FY 2026 -	\$4,000	(T)
			FY 2027 -	\$4,000	(T)
			FY 2028 -	\$4,000	(T)
			FY 2029 -	\$4,000	(T)
			POST YR-	\$20,000	(T)
		RIGHT-OF-WAY	FY 2020 -	\$7,433,000	(T)
			FY 2021 -	\$7,433,000	(T)
			FY 2022 -	\$7,434,000	(T)
		UTILITIES	FY 2020 -	\$1,600,000	(T)
		CONSTRUCTION	FY 2023 -	\$5,100,000	(T)
			FY 2024 -	\$5,100,000	(T)
			FY 2025 -	\$5,000,000	(T)
				<u>\$41,425,000</u>	

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2020-2029 STIP

HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 12

* U-5817	SR 1246 (FAIRVIEW ROAD), EXTEND SR 1246	RIGHT-OF-WAY	FY 2020 -	\$4,472,000	(BGANY)
IREDELL	(FAIRVIEW ROAD) OVER I-77 TO CONNECT WITH SR		FY 2020 -	\$2,403,000	(BGDA)
PROJ.CATEGORY	1206 (ALCOVE ROAD) AND CONSTRUCT PARALLEL		FY 2020 -	\$2,725,000	(BA)
DIVISION	NORTH-SOUTH CONNECTOR ROADS TO SR 1109	UTILITIES	FY 2020 -	\$610,000	(BGANY)
	(WILLIAMSON ROAD).	CONSTRUCTION	FY 2025 -	\$5,900,000	(T)
	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>		FY 2026 -	\$5,900,000	(T)
			FY 2027 -	\$5,900,000	(T)
				\$27,910,000	

* U-6144	NC 16, SR 1389 (FAIRFIELD FOREST ROAD) TO SR 1379	RIGHT-OF-WAY	FY 2029 -	\$10,000	(T)
LINCOLN	(WEBBS ROAD). WIDEN TO MULTI-LANES.		POST YR-	\$5,990,000	(T)
PROJ.CATEGORY	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	UTILITIES	FY 2029 -	\$10,000	(T)
REGIONAL			POST YR-	\$4,890,000	(T)
		CONSTRUCTION	POST YR-	\$21,600,000	(T)
				\$32,500,000	

DIVISION 13

* EB-5827	FONTA FLORA TRAIL, FONTA FLORA STATE TRAIL,	RIGHT-OF-WAY	FY 2021 -	\$410,000	(BGDA)
BURKE	INTERSECTION OF LAUREL RIDGE COURT AND NORTH		FY 2021 -	\$216,000	(L)
PROJ.CATEGORY	POWERHOUSE ROAD TO THE PROPOSED HARRIS			\$626,000	
DIVISION	WHISNANT TRAILHEAD AT THE INTERSECTION OF				
	HARRY WHISNANT ROAD AND COBB ROAD.				
	CONSTRUCT BICYCLE AND PEDESTRIAN FACILITY.				
	<u>REVISE PROJECT LIMITS AT THE REQUEST OF MPO.</u>				

I-2513C	I-26/I-240, I-26/I-40/I-240 FINAL INTERCHANGE	RIGHT-OF-WAY	FY 2029 -	\$430,000	(NHP)
BUNCOMBE	IMPROVEMENTS		POST YR-	\$3,870,000	(NHP)
PROJ.CATEGORY	<u>ACCELERATE CONSTRUCTION FROM POST YEAR TO</u>	UTILITIES	FY 2029 -	\$1,330,000	(NHP)
STATEWIDE	<u>FY 29. THIS ACTION IS A CORRECTION FROM THE</u>		POST YR-	\$11,970,000	(NHP)
	<u>OCTOBER 2020 ITEM N AGENDA ACTION.</u>	CONSTRUCTION	FY 2029 -	\$9,250,000	(NHP)
			POST YR-	\$175,752,000	(NHP)
				\$202,602,000	

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2020-2029 STIP

HIGHWAY PROGRAM
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DIVISION 13

* I-4759	I-40, I-40/SR 1228 (LIBERTY ROAD). CONVERT GRADE	GARVEE ROW	FY 2020 -	\$113,000	(BGANY)
BUNCOMBE	SEPARATION TO AN INTERCHANGE AND CONSTRUCT		FY 2021 -	\$825,000	(BGANY)
PROJ.CATEGORY	TWO LANE ROADWAY NORTH OF I-40 TO SR 1224 AND		FY 2022 -	\$825,000	(BGANY)
STATEWIDE	FOUR LANE ROADWAY SOUTH OF I-40 TO US 19/US		FY 2023 -	\$825,000	(BGANY)
	23/NC 151 WITH PARTS ON NEW LOCATION.		FY 2024 -	\$825,000	(BGANY)
	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25%</u>		FY 2025 -	\$825,000	(BGANY)
	<u>THRESHOLDS.</u>		FY 2026 -	\$825,000	(BGANY)
			FY 2027 -	\$825,000	(BGANY)
			FY 2028 -	\$825,000	(BGANY)
			FY 2029 -	\$825,000	(BGANY)
			POST YR-	\$4,724,000	(BGANY)
		RIGHT-OF-WAY	FY 2020 -	\$2,850,000	(S(M))
			FY 2021 -	\$2,850,000	(S(M))
		UTILITIES	FY 2021 -	\$700,000	(BGANY)
			FY 2022 -	\$700,000	(BGANY)
		CONSTRUCTION	FY 2025 -	\$8,150,000	(BGANY)
			FY 2026 -	\$8,150,000	(BGANY)
			FY 2027 -	\$8,150,000	(BGANY)
			FY 2028 -	<u>\$8,150,000</u>	(BGANY)
				\$51,962,000	
R-2233BB	US 221, SOUTH OF US 74 BUSINESS TO NORTH OF SR	BUILD NC CON	FY 2022 -	\$2,574,000	(T)
RUTHERFORD	1366 (ROPER LOOP ROAD)		FY 2023 -	\$2,574,000	(T)
PROJ.CATEGORY	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25%</u>		FY 2024 -	\$2,574,000	(T)
DIVISION	<u>THRESHOLDS.</u>		FY 2025 -	\$2,574,000	(T)
			FY 2026 -	\$2,574,000	(T)
			FY 2027 -	\$2,574,000	(T)
			FY 2028 -	\$2,574,000	(T)
			FY 2029 -	\$2,574,000	(T)
			POST YR-	\$18,018,000	(T)
		CONSTRUCTION	FY 2022 -	\$18,650,000	(T)
			FY 2023 -	\$18,650,000	(T)
			FY 2024 -	\$18,650,000	(T)
			FY 2025 -	<u>\$18,650,000</u>	(T)
				\$113,210,000	

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2020-2029 STIP

HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 13

* U-2801A	US 25A (SWEETEN CREEK ROAD), US 25	BUILD NC ROW	FY 2024 -	\$257,000	(T)
BUNCOMBE	(HENDERSONVILLE ROAD) TO SR 3081 (ROCK HILL		FY 2025 -	\$257,000	(T)
PROJ.CATEGORY	ROAD)		FY 2026 -	\$257,000	(T)
REGIONAL	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>		FY 2027 -	\$257,000	(T)
			FY 2028 -	\$257,000	(T)
			FY 2029 -	\$257,000	(T)
			POST YR-	\$2,313,000	(T)
		RIGHT-OF-WAY	FY 2024 -	\$36,366,000	(T)
			FY 2025 -	\$36,367,000	(T)
			FY 2026 -	\$36,367,000	(T)
		UTILITIES	FY 2024 -	\$2,240,000	(T)
			FY 2025 -	\$2,240,000	(T)
			FY 2026 -	\$2,240,000	(T)
		CONSTRUCTION	FY 2027 -	\$11,525,000	(BGANY)
			FY 2028 -	\$11,525,000	(BGANY)
			FY 2029 -	\$11,525,000	(BGANY)
			POST YR-	\$11,525,000	(BGANY)
				\$165,775,000	

DIVISION 14

* A-0009CB	NC 143, SR 1223 (BEECH CREEK ROAD) TO NORTH OF	RIGHT-OF-WAY	FY 2021 -	\$3,300,000	(APD)
GRAHAM	APPALACHIAN TRAIL, UPGRADE ROADWAY.	UTILITIES	FY 2021 -	\$1,300,000	(APD)
PROJ.CATEGORY	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	CONSTRUCTION	FY 2022 -	\$60,000,000	(APD)
EXEMPT				\$64,600,000	

* HS-2014A	US 64/NC 28, SR 1560 TO SR 1533 NEAR FRANKLIN.	CONSTRUCTION	2021	\$1,200,000	(HSIP)
MACON	INSTALL CENTERLINE RUMBLESTRIPS, LONG LIFE			\$1,200,000	
PROJ.CATEGORY	PAVEMENT MARKINGS, AND INTERMITTENT PAVED				
REGIONAL	SHOULDERS.				
	<u>NEW PROJECT BREAK ADDED AT THE REQUEST OF TRANSPORTATION MOBILITY AND SAFETY DIVISION.</u>				

R-4751	US 19, SR 1152 (HUGHES BRANCH ROAD) IN BRYSON	RIGHT-OF-WAY	FY 2029 -	\$400,000	(T)
SWAIN	CITY TO SR 1195 (US 19A). MODERNIZE ROADWAY.	UTILITIES	FY 2029 -	\$100,000	(T)
PROJ.CATEGORY	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	CONSTRUCTION	POST YR-	\$74,200,000	(T)
REGIONAL				\$74,700,000	

* INDICATES FEDERAL AMENDMENT

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HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 14

R-5600 JACKSON PROJ.CATEGORY REGIONAL	NC 107 (US 23 BUSINESS), NC 116 TO US 23 BUSINESS. US 23 BUSINESS, SR 1432 (SKYLAND DRIVE) TO MUNICIPAL DRIVE. UPGRADE ROADWAY. <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	BUILD NC ROW	FY 2022 -	\$1,716,000	(T)	
			FY 2023 -	\$1,716,000	(T)	
			FY 2024 -	\$1,716,000	(T)	
			FY 2025 -	\$1,716,000	(T)	
			FY 2026 -	\$1,716,000	(T)	
			FY 2027 -	\$1,716,000	(T)	
			FY 2028 -	\$1,716,000	(T)	
			FY 2029 -	\$1,716,000	(T)	
			POST YR-	\$12,012,000	(T)	
		RIGHT-OF-WAY	FY 2022 -	\$9,200,000	(T)	
			FY 2023 -	\$9,200,000	(T)	
			FY 2024 -	\$9,200,000	(T)	
		UTILITIES	FY 2022 -	\$1,100,000	(T)	
		BUILD NC CON	FY 2025 -	\$858,000	(T)	
			FY 2026 -	\$858,000	(T)	
			FY 2027 -	\$858,000	(T)	
			FY 2028 -	\$858,000	(T)	
			FY 2029 -	\$858,000	(T)	
			POST YR-	\$8,580,000	(T)	
		CONSTRUCTION	FY 2025 -	\$10,275,000	(T)	
			FY 2026 -	\$10,275,000	(T)	
			FY 2027 -	\$10,275,000	(T)	
			FY 2028 -	\$10,275,000	(T)	
				\$108,410,000		
R-5748 HENDERSON PROJ.CATEGORY DIVISION	SR 1127 (KANUGA ROAD), US 25 BUSINESS (CHURCH STREET) TO SR 1123 (LITTLE RIVER ROAD). UPGRADE ROADWAY. <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	RIGHT-OF-WAY	FY 2027 -	\$450,000	(T)	
			UTILITIES	FY 2027 -	\$100,000	(T)
			CONSTRUCTION	POST YR-	\$21,100,000	(T)
					\$21,650,000	
R-5800 TRANSYLVANIA PROJ.CATEGORY REGIONAL	US 64, US 276, FORTUNE COVE ROAD TO US 64 BUSINESS (NORTH CALDWELL STREET). CONSTRUCT MEDIAN AND ACCESS CONTROL MEASURES. <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	RIGHT-OF-WAY	FY 2023 -	\$7,400,000	(T)	
			FY 2024 -	\$7,400,000	(T)	
		UTILITIES	FY 2023 -	\$300,000	(T)	
			FY 2024 -	\$300,000	(T)	
		CONSTRUCTION	FY 2025 -	\$5,767,000	(T)	
			FY 2026 -	\$5,767,000	(T)	
			FY 2027 -	\$5,766,000	(T)	
		\$32,700,000				
W-5814A HAYWOOD PROJ.CATEGORY REGIONAL	US 276, CONSTRUCT LEFT TURN LANE 0.3 MILES SOUTH OF SR 1326 (BOB BOYD ROAD). <u>TO ASSIST IN BALANCING FUNDS, DELAY CONSTRUCTION FROM FY 20 TO FY 22.</u>	CONSTRUCTION	FY 2022 -	\$200,000	(HSIP)	
				\$200,000		

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2020-2029 STIP

HIGHWAY PROGRAM
STIP MODIFICATIONS

STATEWIDE

HB-9999ADI	VARIOUS LOCATIONS, BRIDGE INSPECTION PROGRAM	IMPLEMENTATION	FY 2021 -	\$7,800,000	(T)
STATEWIDE	INSPECTIONS.		FY 2022 -	\$7,800,000	(T)
PROJ.CATEGORY	<u>PROJECT BREAK ADDED AT REQUEST OF</u>		FY 2023 -	\$7,800,000	(T)
DIVISION	<u>STRUCTURES MANAGEMENT.</u>		FY 2024 -	\$7,800,000	(T)
			FY 2025 -	\$7,800,000	(T)
			FY 2026 -	\$7,800,000	(T)
			FY 2027 -	\$7,800,000	(T)
			FY 2028 -	\$7,800,000	(T)
			FY 2029 -	\$7,800,000	(T)
				\$70,200,000	

HB-9999ARE	VARIOUS LOCATIONS, BRIDGE INSPECTION PROGRAM	IMPLEMENTATION	FY 2021 -	\$7,800,000	(T)
STATEWIDE	INSPECTIONS.		FY 2022 -	\$7,800,000	(T)
PROJ.CATEGORY	<u>PROJECT BREAK ADDED AT REQUEST OF</u>		FY 2023 -	\$7,800,000	(T)
REGIONAL	<u>STRUCTURES MANAGEMENT.</u>		FY 2024 -	\$7,800,000	(T)
			FY 2025 -	\$7,800,000	(T)
			FY 2026 -	\$7,800,000	(T)
			FY 2027 -	\$7,800,000	(T)
			FY 2028 -	\$7,800,000	(T)
			FY 2029 -	\$7,800,000	(T)
				\$70,200,000	

HB-9999ASW	VARIOUS LOCATIONS, BRIDGE INSPECTION PROGRAM	IMPLEMENTATION	FY 2021 -	\$10,400,000	(T)
STATEWIDE	INSPECTIONS.		FY 2022 -	\$10,400,000	(T)
PROJ.CATEGORY	<u>PROJECT BREAK ADDED AT REQUEST OF</u>		FY 2023 -	\$10,400,000	(T)
STATEWIDE	<u>STRUCTURES MANAGEMENT.</u>		FY 2024 -	\$10,400,000	(T)
			FY 2025 -	\$10,400,000	(T)
			FY 2026 -	\$10,400,000	(T)
			FY 2027 -	\$10,400,000	(T)
			FY 2028 -	\$10,400,000	(T)
			FY 2029 -	\$10,400,000	(T)
				\$93,600,000	

HB-9999BDI	VARIOUS LOCATIONS, BRIDGE INSPECTION PROGRAM	IMPLEMENTATION	FY 2021 -	\$600,000	(T)
STATEWIDE	STRUCTURE INVENTORY AND APPRAISAL.		FY 2022 -	\$600,000	(T)
PROJ.CATEGORY	<u>PROJECT BREAK ADDED AT REQUEST OF</u>		FY 2023 -	\$600,000	(T)
DIVISION	<u>STRUCTURES MANAGEMENT.</u>		FY 2024 -	\$600,000	(T)
			FY 2025 -	\$600,000	(T)
			FY 2026 -	\$600,000	(T)
			FY 2027 -	\$600,000	(T)
			FY 2028 -	\$600,000	(T)
			FY 2029 -	\$600,000	(T)
				\$5,400,000	

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2020-2029 STIP

HIGHWAY PROGRAM
STIP MODIFICATIONS

STATEWIDE

HB-9999CDI	VARIOUS LOCATIONS, BRIDGE INSPECTION PROGRAM	IMPLEMENTATION	FY 2021 -	\$780,000	(T)
STATEWIDE	ANALYSIS.		FY 2022 -	\$780,000	(T)
PROJ.CATEGORY	<u>PROJECT BREAK ADDED AT REQUEST OF</u>		FY 2023 -	\$780,000	(T)
DIVISION	<u>STRUCTURES MANAGEMENT.</u>		FY 2024 -	\$780,000	(T)
			FY 2025 -	\$780,000	(T)
			FY 2026 -	\$780,000	(T)
			FY 2027 -	\$780,000	(T)
			FY 2028 -	\$780,000	(T)
			FY 2029 -	\$780,000	(T)
				<u>\$7,020,000</u>	

HB-9999CRE	VARIOUS LOCATIONS, BRIDGE INSPECTION PROGRAM	IMPLEMENTATION	FY 2021 -	\$780,000	(T)
STATEWIDE	ANALYSIS.		FY 2022 -	\$780,000	(T)
PROJ.CATEGORY	<u>PROJECT BREAK ADDED AT REQUEST OF</u>		FY 2023 -	\$780,000	(T)
REGIONAL	<u>STRUCTURES MANAGEMENT.</u>		FY 2024 -	\$780,000	(T)
			FY 2025 -	\$780,000	(T)
			FY 2026 -	\$780,000	(T)
			FY 2027 -	\$780,000	(T)
			FY 2028 -	\$780,000	(T)
			FY 2029 -	\$780,000	(T)
				<u>\$7,020,000</u>	

HB-9999CSW	VARIOUS LOCATIONS, BRIDGE INSPECTION PROGRAM	IMPLEMENTATION	FY 2021 -	\$1,040,000	(T)
STATEWIDE	ANALYSIS.		FY 2022 -	\$1,040,000	(T)
PROJ.CATEGORY	<u>PROJECT BREAK ADDED AT REQUEST OF</u>		FY 2023 -	\$1,040,000	(T)
STATEWIDE	<u>STRUCTURES MANAGEMENT.</u>		FY 2024 -	\$1,040,000	(T)
			FY 2025 -	\$1,040,000	(T)
			FY 2026 -	\$1,040,000	(T)
			FY 2027 -	\$1,040,000	(T)
			FY 2028 -	\$1,040,000	(T)
			FY 2029 -	\$1,040,000	(T)
				<u>\$9,360,000</u>	

* R-5966	VARIOUS, FEDERAL TRIBAL TRANSPORTATION	CONSTRUCTION	FY 2020 -	\$2,090,000	(FTTP)
STATEWIDE	PROGRAM (FTTP). ROAD AND BRIDGE		FY 2021 -	\$10,532,000	(FTTP)
PROJ.CATEGORY	IMPROVEMENTS TO BE CONSTRUCTED		FY 2022 -	\$3,540,000	(FTTP)
EXEMPT	ON TRANSPORTATION FACILITIES THAT		FY 2023 -	\$2,340,000	(FTTP)
	ARE OWNED BY THE FEDERAL		FY 2024 -	\$488,000	(FTTP)
	GOVERNMENT THAT PROVIDE ACCESS			<u>\$18,990,000</u>	
	TO TRIBAL LANDS.				
	<u>FUNDING ADDED TO FY 21, FY 22, AND FY 23 AT THE</u>				
	<u>DIRECTION OF FHWA.</u>				

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2020-2029 STIP

HIGHWAY PROGRAM
STIP MODIFICATIONS

STATEWIDE

* TI-6109	STATEWIDE, 5311(F) INTERCITY BUS FUNDS FOR FTA	OPERATIONS	FY 2021 -	<u>\$12,266,000</u>	(5311)
STATEWIDE	GANTS			\$12,266,000	
PROJ.CATEGORY	<u>MODIFYING THE FEDERAL FUNDS RECEIVED FROM</u> <u>FTA ADMINISTERED BY PTD BASED ON FY 21 GRANTS</u>				

STIP DELETIONS

DIVISION 7

* EB-5993	BRIDFORD PARKWAY; HORNADAY ROAD, BRIDFORD	CONSTRUCTION	FY 2020 -	\$312,000	(TAANY)
GUILFORD	PARKWAY FROM SR 1541 (WEST WENDOVER AVENUE)		FY 2020 -	<u>\$78,000</u>	(L)
PROJ.CATEGORY	TO HORNADAY ROAD AND HORNADAY ROAD FROM			\$390,000	
DIVISION	WEST OF NICHOLAS ROAD TO BRIDFORD PARKWAY IN				
	GREENSBORO. CONSTRUCT SIDEWALKS.				
	<u>PROJECT DELETED AT THE REQUEST OF MPO.</u>				
	<u>PROJECT DECLINED BY CITY; WORK TO BE</u>				
	<u>ACCOMPLISHED UNDER U-5532E</u>				

DIVISION 12

* B-6051	US 29 / US 74, REPLACE BRIDGE 350091 OVER	RIGHT-OF-WAY	FY 2022 -	\$4,000,000	(HFB)
GASTON	CATAWBA RIVER	CONSTRUCTION	FY 2023 -	<u>\$40,900,000</u>	(HFB)
PROJ.CATEGORY				\$44,900,000	
REGIONAL	<u>DELETE AT THE REQUEST OF STRUCTURES</u> <u>MANAGEMENT UNIT.</u>				

DIVISION 13

* EB-5934	BURKE COUNTY, CONSTRUCT BOARDWALK ACROSS	ENGINEERING	FY 2020 -	\$400,000	(BGDA)
BURKE	LINVILLE DAM AND TRAIL.		FY 2020 -	<u>\$100,000</u>	(L)
PROJ.CATEGORY				\$500,000	
DIVISION	<u>DELETE PROJECT AT THE REQUEST OF MPO.</u>				

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2020-2029 STIP

HIGHWAY PROGRAM

ITEM N SUMMARY

ADDITIONS	18	PROJECTS	\$27,595,000
MODIFICATIONS	66	PROJECTS	
DELETIONS	3	PROJECTS	\$45,790,000
	87	PROJECTS	(\$18,195,000)

* INDICATES FEDERAL AMENDMENT

Thursday, January 7, 2021

NCDOT January 7, 2021 Board of Transportation Agenda
Municipal and Special Agreements

SUMMARY: There are a total of 16 agreements for approval by the Board of Transportation

Division 2

North Carolina State Ports
Authority (NCSPA)
Carolina Coastal Railway
(CLNA)
Carteret County
80000.1.4.81
Rail

This Agreement with the NCSPA and CLNA is to assist in the construction of improvements to the NCSPA's rail corridor in Morehead City. The project will improve a locking mechanism and install new bridge ties and joint bars on the bascule bridge that connects the main port to rail facilities on Radio Island. NCSPA will be responsible for construction of the project. The cost of this project is \$750,000 and the total estimated cost to the Department is \$375,000.

Division 3

Town of Ocean Isle Beach
Brunswick County
EB-6034
48804.3.1
9602

This Project consists of construction of bike lanes on both sides of SR 1144 (First Street) from Raleigh Street to Beaufort Street in Ocean Isle. The Department will perform the work. The Municipality shall participate in the costs of the project in the amount of \$315,000 and all costs that exceed the total available funding of \$787,500.

Town of Swansboro
Onslow County
49065
9604

This Project consists of the installation of sidewalk along NC 24 (Corbett Avenue) from SR 1511 (Hammocks Beach Road) to SR 1514 (Phillips Loop Road); Old Hammocks Beach Road from SR 1513 (Deer Island Road) to existing sidewalk near Fredericks Lane; SR 1511 (Hammocks Beach Road) from Moore's BBQ sidewalk to Park Place Drive. The Department will perform the work and participate in the costs of the project in the amount of \$366,668. The Municipality shall provide \$116,634 as their local participation in the project. The estimated cost of the project is \$483,302.

Division 5

City of Raleigh
Wake County
P-5715
46927.3.1
9593

This Project consists of the New Hope Church Road Grade Separation over CSX Railroad, Crossing No. 630 607N, at Milepost S152.32. At the request of the Municipality, the Department shall include in its construction contract the relocation of water and sewer lines. The Municipality shall reimburse the Department actual costs for the work. The estimated reimbursement is \$2,067,395.50.

NCDOT January 7, 2021 Board of Transportation Agenda
Municipal and Special Agreements

Division 5, cont.

GoTriangle
Wake County
R-2828
35516.5.TA1
9599

This Agreement is to address the Agency's participation in the Freeway and Street-based Transit network study ("Fast Study") as part of the I-540 settlement agreement with Sound Rivers, Inc., Center for Biological Diversity and Clean Air Carolina. The Department will provide a one-time contribution of \$10,000 to GoTriangle for its participation in the FAST Study.

National Fish and Wildlife
Federation
Wake County
9614

This Project will establish a coastal nature-based resiliency plan focused on prioritizing sites for habitat restoration and protecting critical roadway infrastructure, to serve as a public, living plan created through stakeholder and community engagement. The Project will also identify and organize potential projects that address North Carolina's needs for coastal resiliency and increased stakeholder and public engagement to help build capacity to execute nature-based resilience projects. The National Fish and Wildlife Federation has awarded the Department a grant in the amount of \$353,083 to establish a Comprehensive Coastal Nature-Based Resiliency Plan (NC). The Department will be responsible for the \$353,083 as the match to the Federation's grant.

North Carolina Department of
Public Safety
Wake County
9594

This Memorandum of Agreement (MOA) establishes the terms and conditions for the Agency and the Department to work together to maintain the NCDOT Highway Floodplain Program by increased use of hydraulic modeling applications, GIS mapping and analytics, LiDAR data, digital engineering design data and asset management systems.

City of Raleigh
Wake County
U-5521
55058
Rail

This Municipal Agreement covers the Department's review of plans prepared by the Municipality for the construction of an extension of South West Street, from West Martin Street to West Cabarrus Street, new grade separations on the North Carolina Railroad (NCR) / Norfolk Southern (NS) "H" Line, the east leg wye track of the Boylan Wye, the Raleigh Union Station (RUS) platform, and the RUS station tracks, along with the permanent closing of the at-grade railroad crossing on Cabarrus Street. As requested by the Municipality, the Department shall assist with coordinating and reviewing during the preliminary engineering phase of the Project. The Municipality shall reimburse the Department 100% of costs incurred for the design and preliminary engineering phase of the project. The estimated cost to the Municipality is \$350,000.

NCDOT January 7, 2021 Board of Transportation Agenda
Municipal and Special Agreements

Division 5, cont.

CSX Transportation, INC.
(CSXT)
Wake County
P-5737
48153.1.1
Rail

This Crossing Closure Agreement covers the permanent closure of the at-grade rail crossing of Millbrook Road and the CSXT S-line (SR 2108: Crossing No. 630 605A, MP S-151.28) along with the removal of all signals, gates, roadway approaches and crossing surfaces. CSXT will perform the work and the Department will reimburse CSXT 100% of the actual cost for all work performed. The cost for this work is included in the P-5737 project construction agreement with CSXT.

Division 7

City of Greensboro
Guilford County
EL-5101DL
41823.1.3
41823.2.F15
41823.3.21
9592

This Project consists of the design and construction of 15.5 miles of sidewalk projects along the following roadways: West Friendly Avenue from West Market Street to Francis King Street (Part A); English Street from Phillips Avenue to Florida Street (Part B); Pisgah Church Road/Lees Chapel Road from Battleground Avenue to Brightwood School Road (Part C); and Yanceyville Street from Bessemer Avenue to Lees Chapel Road (Part D) in Greensboro. This Supplemental Agreement is to increase funding for the Project. The Department agrees to reimburse the Municipality 80% of eligible costs for the construction of Part C and Part D up to a maximum of \$6,822,640 in CMAQ and STP-DA funds. The Municipality shall provide the 20% non-federal match of \$1,705,660 and all costs that exceed the available funding of \$8,528,300.

City of Greensboro
Guilford County
EB-5883
47279.1.1
47279.2.1
47279.3.1
9479

This Project consists of construction of sidewalk and compliant wheelchair ramps along both sides of Wendover Avenue including short sections along intersecting streets from Grecale Street to North Church Street and Summit Avenue to US 29. This supplemental agreement is to increase funding and add ROW and CON phases as eligible expenses. The Department agrees to reimburse the Municipality 80% of eligible costs up to a maximum amount of \$2,790,840 in TAP funds. The Municipality shall provide the 20% non-federal match of \$697,710 and all costs that exceed the total available funding of \$3,488,550.

NCDOT January 7, 2021 Board of Transportation Agenda
Municipal and Special Agreements

Division 7, cont.

City of Mebane
Alamance County
7.200119
9615

This Project consists of winter weather maintenance for certain State Highway System Roads and rights of way within the municipal limits of Mebane. The Municipality will perform the work. The Department shall reimburse the Municipality for actual costs of labor, materials and equipment not to exceed \$140,000 per year.

Division 8

Atlantic and Western Railway
(ATW)
Lee County
R-3830
38887
Rail

This Agreement covers the construction of a new side-track off the ATW mainline just north of MP 127.7 in the vicinity of Sanford and includes road crossing consolidation. ATW shall complete the work prior to March 2022 to prepare for a Highway Project let date of April 2022. The Department shall reimburse ATW 100% of the actual costs for work performed using STIP funding. The estimated cost of the work is \$1,200,000.

Division 9

City of Lexington
Davidson County
P-5731/P-5732
47610
Rail

This Municipal Project Agreement provides for Preliminary Engineering and Construction of improvements in the City of Lexington consisting of three segments. Segment A will construct 2 Passenger boarding platforms and renovations to the existing depot; Segment B will construct a passenger concourse and parallel pedestrian underpass and Segment C will realign NCRR/NSR mainline tracks and signals, roadway improvements, along with the installation of a grade separation and appropriate closures. Funding for the project shall be provided by the Municipality with local funding and a USDOT Build 2020 Grant and the Department through STIP funding. The Department will participate in the cost of the Project up to \$10,950,000.

Division 10

City of Monroe
Union County
U-5703B
50129.3.1
9605

This Project consists of reconfiguration of the intersection of Roosevelt Boulevard (US 74) and Rocky River Road (SR 1514) to a superstreet and will include realigning James Hamilton Road to intersect with Rocky River Road (SR 1514) at Myers Road. This supplemental agreement is to reimburse the Municipality's funding participation of \$250,000 in the construction phase of the project due to change in project letting. The Department shall request the Municipality's funding participation of \$250,000 prior to authorization of construction funds.

NCDOT January 7, 2021 Board of Transportation Agenda
Municipal and Special Agreements

Division 10, cont.

CSX Transportation, INC.
(CSXT)
Union County
Y-5500JC
45533.1.18
Rail

This Agreement covers the permanent closure of the at-grade rail crossing of Tory Path Road (SR 1432: Crossing No. 638 898L, MP SG 319.97) along with the removal of all signals and gates, roadway approaches and crossing surfaces. As mitigation for the closure, an alternate access roadway to Helms Road (SR 1300) will be constructed. The Department and CSXT will perform the work. CSXT shall reimburse the Department \$4,000 toward the cost of the crossing closure. The estimated cost of the project is \$7,150,000.

NCDOT January 7, 2021 Board of Transportation Agenda
Municipal and Special Agreements

SUMMARY: There are a total of 25 agreements for informational purposes only

Division 3

D.R. Horton, Inc.
New Hanover County
36249.4254
9586

This Project consists of signal modifications at US 117/ NC 133 (Castle Hayne Road) and SR 1322 (N. Kerr Avenue)/Site Access [SIN: 03-0191] related to the Riverside Development. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$5,000.

City of Jacksonville
Onslow County
36249.4265
9607

This Project consists of signal plan and equipment modifications at the intersection of US 17 Business (Marine Boulevard/Thompson Street) [SIN 03-0598] related to the City of Jacksonville's project to realign Thompson Street. under this agreement. The Department will review the traffic signal plans and inspect the traffic signal installation. The Municipality shall reimburse the Department 100% for the work. The estimated reimbursement is \$5,000.

City of Jacksonville
Onslow County
36249.4268
9610

This Project consists of signal modifications at NC 53 (Western Boulevard)/Gateway North [SIN 03-0822] related to the City of Jacksonville's project to install a right turn overlap signal head. The Department will review the traffic signal plans and inspect the traffic signal installation. The Municipality shall reimburse the Department 100% for the work. The estimated reimbursement is \$2,500.

WPE Holding, LLC
New Hanover County
36249.4266
9608

The Project consists of a signal installation on US 17 at Scotts Hill Medical Park Drive (non-system) and at the new northbound to southbound U-turn, south of Scotts Hill Loop Road, and signal coordination work required along US 17 to be performed by the Department, related to the Scotts Hill Medical Park Development. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$25,000.

Sampson-Bladen Oil Company
Brunswick County
36249.4267
9609

This Project consists of signal modifications at US 74/76 at NC 87 (Maco Road)/SR 1419 (Northwest Road) [SIN 03-0170] related to the Han Dee Hugo/Bojangles Development. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$5,000.

NCDOT January 7, 2021 Board of Transportation Agenda
Municipal and Special Agreements

Division 4

City of Wilson
Wilson County
36249.4264
9600

This Project consists of the installation of decorative guardrail on SR 1332 and guardrail on NC 42. The Department will perform the work. The Municipality shall reimburse the Department 100% for the work. The estimated reimbursement is \$34,962.50.

Division 5

Dunn Investments, LLC
Wake County
36249.4261
9595

This Project consists of a traffic signal upgrade at the intersection of SR 1114 (S. Main Street Extension)/SR 1101 (Piney-Grove Wilbon Road) at SR 1114 (S. Main Street Extension/SR 1101 (Ralph Stephens Road). The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$10,000.

Town of Zebulon
Wake County
36249.4262
9596

This Project consists of the installation of a traffic signal and intersection improvements at the intersection of SR 2400 (Shepard School Road) and SR 2320 (Old Bunn Road). The Department will review the traffic signal plans and inspect the traffic signal installation. The Municipality shall reimburse the Department 100% for the work. The estimated reimbursement is \$7,000.

D & N Developers
Wake County
36249.4252
9583

This Project consists of a signal modification at the intersection of Rogers Road and East Franklin Street for the addition of a separate right turn lane along the southbound S. Franklin Street approach and associated signal head/detector loop additions. 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 \$7,000.

Parmer RTP, LLC
Durham County
36249.4253
9584

This Project consists of signal modification at the intersection of Ellis Road and Northeast Creek/Ellis Research Center and includes adding pedestrian signals on the east and south legs of the intersection. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$5,000.

NCDOT January 7, 2021 Board of Transportation Agenda
Municipal and Special Agreements

Division 5, cont.

Endeavor Charter School
Foundation, Inc.
Wake County
36249.4256
9587

This Project consists of the installation of a new traffic signal at the intersection of Burlington Mills Road and One World Way. 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.

Ten Ten WEH, LP
Wake County
36249.4251
9581

This Project consists of a new signal installation at the intersection of Ten-Ten Road and McCullers Road. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$5,000.

Legacy Heritage Lake Road,
LLC
Wake County
36249.4249
9580

This Project consists of a traffic signal upgrade at Heritage Lake Road and the NC 98 Bypass. 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.

Durham Public Schools
Durham County
36249.4248
9579

This Project consists of the installation of new traffic signals at the following locations: US-501 at Argonne Drive and US-501 at Wellington Drive. 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.

Research Triangle, Ltd.
Durham County
36249.4245
9574

This Project consists of traffic signal upgrades at the intersections of SR 1978 (Hopson Road) at Keystone Park Drive and NC 54 (S. Miami Boulevard) at SR 1978 (Hopson Road/Page Road). The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$10,000.

NCDOT January 7, 2021 Board of Transportation Agenda
Municipal and Special Agreements

Division 6

Town of Elizabethtown
Bladen County
36249.4242
9572

The Project consists of replacement of the existing standard pedestrian pedestal with a black-powder coated pedestrian pedestal at the intersection of US 701/NC 242 (N. Poplar Street) at NC 41/87 Business (W. Broad Street) in the northeast quadrant of the intersection. The Department shall modify the existing plans and traffic signal design specifications and furnish the traffic signal equipment. The Municipality shall reimburse the Department 100% of the actual cost. The estimated cost is \$2,034.84.

Division 7

Wilson-Covington Construction
Company
Guilford County
36249.4212
9601

This Project consists of the relocation of pole, span wire and guy wire for Signal No. 07-0272 at the intersection of NC 65 and Ellisboro Road in Stokesdale. 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 \$1,000.

Division 9

Truist Bank
Forsyth County
36249.4237
9561

This Project consists of the revising of eight highway signs associated with the U-2827B Project in Winston-Salem. The Department will perform the work. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$33,387.

Division 10

Village of Misenheimer
Stanly County
36249.4250
9588

This Project consists of the installation of a new HAWK signal located along NC 49 at the Carolina Thread Trail Crossing. The Department will review the traffic signal plans and inspect the traffic signal installation. The Municipality shall reimburse the Department 100% for the work. The estimated reimbursement is \$6,000.

Concord Housing, LLC
Cabarrus County
36249.4259
9589

This Project consists of the installation of a new traffic signal located along US 29 at the Evolve Apartments Entrance/Ford Restoration Parts Entrance. 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 \$6,000.

NCDOT January 7, 2021 Board of Transportation Agenda
Municipal and Special Agreements

Division 10, cont.

Cabarrus County
36249.4263
9598

This Project consists of the modification of 2 traffic signals located along NC 73 at Means Avenue and NC 73 at Corban Avenue SE. The Department will review the traffic signal plans and inspect the traffic signal installation. The County shall reimburse the Department 100% for the work. The estimated reimbursement is \$12,000.

Full Moon of Union County
Mecklenburg County
36249.4057
9590

This Project consists of the modification of a traffic signal located at SR 2459 (Eastfield Road) at Prosperity Church Road. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$6,000.

Love's Travel Stops and Country
Stores, Inc.
Mecklenburg County
10.2060SM
9812502
9613

This Project consists of the installation of a traffic signal at the intersection of SR 1625 (Sam Wilson Road) and SR 1603 (Performance Drive)/SR 1626 (West Pointe Drive) in Charlotte. The Department will perform the work. The Developer shall participate in the cost of the project in the amount of \$30,000.

Town of Harrisburg
Cabarrus County
36249.4269
9612

This Project consists of maintenance by the Department for Traffic Signal No. 10-233 located at the Harrisburg Fire Station No. 2 on SR 1139 (Rocky River Road). The Municipality shall reimburse the Department 100% of the actual costs of the annual maintenance. The estimated reimbursement is \$2,000.

Division 13

Asheville Chamber of
Commerce Community
Betterment Foundation
(Foundation)
Buncombe County
36249.4241
9606

This Project consists of construction of a new bridge over the French Broad River in Buncombe County near the intersection of NC 191 (Brevard Road) and Blue Ridge Parkway/NC Arboretum. The Foundation is responsible for the project. The Department will provide review and oversight of the project. The Foundation shall reimburse the Department 100% for the work. The estimated reimbursement is \$400,000.

NCDOT January 2021 Board of Transportation Agenda

Municipal Street System Changes for Powell Bill Program

Deletion from the State Highway System

Division	County	Municipality	Road	Termini	Length
10	Mecklenburg	The Town of Davidson	SR 6039; Beaty Street	From NC 115 (North Main Street) to SR 2158 (Griffith Street)	0.92

File Name: MECKLENBURG_2021_01_M001

10	Mecklenburg	Town of Mint Hill	SR 5235; Quail Park Drive	From NC 218 (Fairview Road) to Dead End	0.99
			SR 5238; Leisure Garden Lane	From Quail Park Drive (SR 5235) to Dead End	0.33

File Name: MECKLENBURG_2021_01_M002

Total Miles = 2.24

NCDOT January 2021 Board of Transportation Agenda

<u>No.</u>		<u>Enacted Page No.</u>
1	Final Right of Way Plans	R-1
2	Conveyance ROW Residue by Real Estate Agent and or Auctioneer	R-2
3	Approval of Conveyance of Highway Right of Way Residues	R-3
4	Approval of Conveyance of Surplus Highway Right of Way	R-4
5	Approval of Revision in Control of Access	R-5
6	Approval of Conversion of Residual Area to Highway Right of Way	R-6
7	Approval of Conveyance of Highway Right of Way Residue (correction)	R-Correction

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 2)

Project No. 48828.2.1; Pitt County; I.D. No. BR-0119:

Drainage, grading, paving and structure on Bridge No. 109 over Grindle Creek on SR 1514 with the right of way indicated upon the final plans for said project.

(Division 3)

Project No. 48831.2.1; Sampson County; I.D. No. BR-0122:

Drainage, grading, paving and structure on Bridge No. 348 over Beaverdam Creek on SR 1703 (Old Goldsboro Road) with the right of way indicated upon the final plans for said project.

(Division 4)

Project No. 48822.2.1; Halifax County; I.D. No. BR-0113:

Drainage, grading, paving and structure on Bridge no. 115 over Rocky Swamp on SR 1601 with the right of way indicated upon the final plans for said project.

(Division 11)

Project No. 48835.2.1; Wilkes County; I.D. No. BR-0126:

Drainage, grading, paving and structure on Bridge No. 667 on SR 1749 over Sparks Creek with the right of way indicated upon the final plans for said project.

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

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

(Division 10)

**Project R-2248AD, Parcel 014, I-485
Mecklenburg County**

Conveyance of an approximate 1.840-acre area comprised of one (1) A-class residue, having a value of \$55,000 to **Omar Luis Santos and Fabiola Madrigal Hernandez** for the highest offer amount of **\$55,000**; total commission \$5,500.

**Project R-2123BB, Parcel 015, I-485
Mecklenburg County**

Conveyance of an approximate 1.680-acre area comprised of one (1) A-class residue, having a value of \$50,000 to **Green Street Land Co., LLC** for the highest offer amount of **\$50,000**; total commission \$5,000.

CONVEYANCE ROW RESIDUE (HB 501)

2 PROJECT(S)

\$ 105,000.00

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 3)

**Project 34932.2.2, U-3338B, Intersection of Market and Kerr Streets
New Hanover County**

Conveyance of approximately 0.3 acres valued at \$101,325 to Lodging Enterprises, LLC, a North Carolina Limited Liability Company, the only interested adjacent owner, for the bid some of \$101,325.

CONVEYANCE ROW RESIDUE

1 PROJECT(S)

\$ 101,325.00

Approval of Conveyance of Surplus Highway Right of Way

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

(Division 14)

Project 8.1990901, Parcel 081, US 64 (Rosman Highway) at its intersection with SR 1159 (Old County Home Road).

Transylvania County

Disposal of approximately 0.61 acre surplus right of way to Town of Rosman for a water pumping station for no consideration.

Approval of Revision in Control of Access

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

(Division 5)

Project 34503.2.1, R-2809B, Parcel 007, NC 98 (Wake Forest Bypass) Wake Forest Wake County

Revision in the control of access along NC 98 (Wake Forest Bypass) for Right-In Right-Out access to Styles Corporation for the enhancement value of \$483,000.

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 5)

Residue: George Grady A/W Elizabeth to NC Highway Commission Deed Book 1360 Page 527

New: U-2719 022 I-440

Wake County

The Department was conveyed a 1.066 acre area from George Grady A/W Elizabeth in 1959 during the initial construction of the "Beltline" a/k/a Inner Loop in Wake County. The Department is in the process of widening I-440 and needs to convert 0.105 acre to Right of Way. The remaining 0.961 acre will remain available for sale or further use by the Department.

Residue: Stevens Building Co. to NCSH&PWC Deed Book 1260 Page 283

New: U-2719 083 I-440

Wake County

The Department was conveyed a 0.288 acre area from Stevens Building Co. in 1956 during the initial construction of the "Beltline" a/k/a Inner Loop in Wake County. The Department is in the process of widening I-440 and needs to convert 0.142 acre to Right of Way. The remaining 0.146 acre will remain available for sale or further use by the Department.

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

There will be no Maintenance Allocation submitted to the Board for approval at the January 2021 Board meeting.

December 21, 2020

MEMORANDUM TO: Board of Transportation
FROM: Transportation Planning Division
SUBJECT: Submission of the Durham-Chapel Hill-Carrboro Metropolitan Planning Organization Comprehensive Transportation Plan for Mutual Adoption by the Board of Transportation

The Transportation Planning Division has worked cooperatively with the Durham-Chapel Hill-Carrboro Metropolitan Planning Organization (DCHC MPO) on amendment of their Comprehensive Transportation Plan (CTP). The plan was adopted by the DCHC MPO on December 9, 2020.

The plan is based on an analysis of existing and projected travel and land use, public involvement and field investigations of recommended improvements. It is located on the web at:

https://connect.ncdot.gov/projects/planning/Pages/CTP-Details.aspx?study_id= Durham-Chapel Hill-Carrboro

The Transportation Planning Division recommends the mutual adoption of the amended DCHC MPO Comprehensive Transportation Plan as shown on the attached map, with a recommendation date of December 14, 2020.

Sincerely,

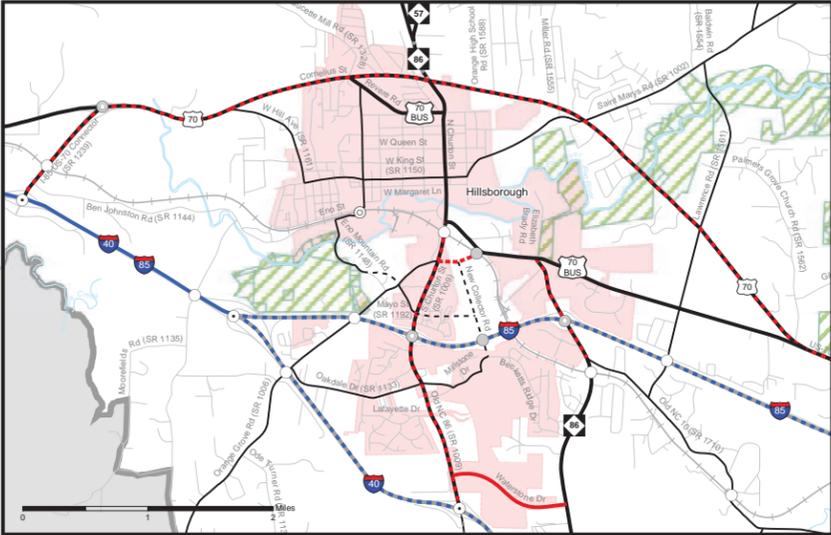
Jamal Alavi

Jamal Alavi, P.E.
Director, Transportation Planning Division

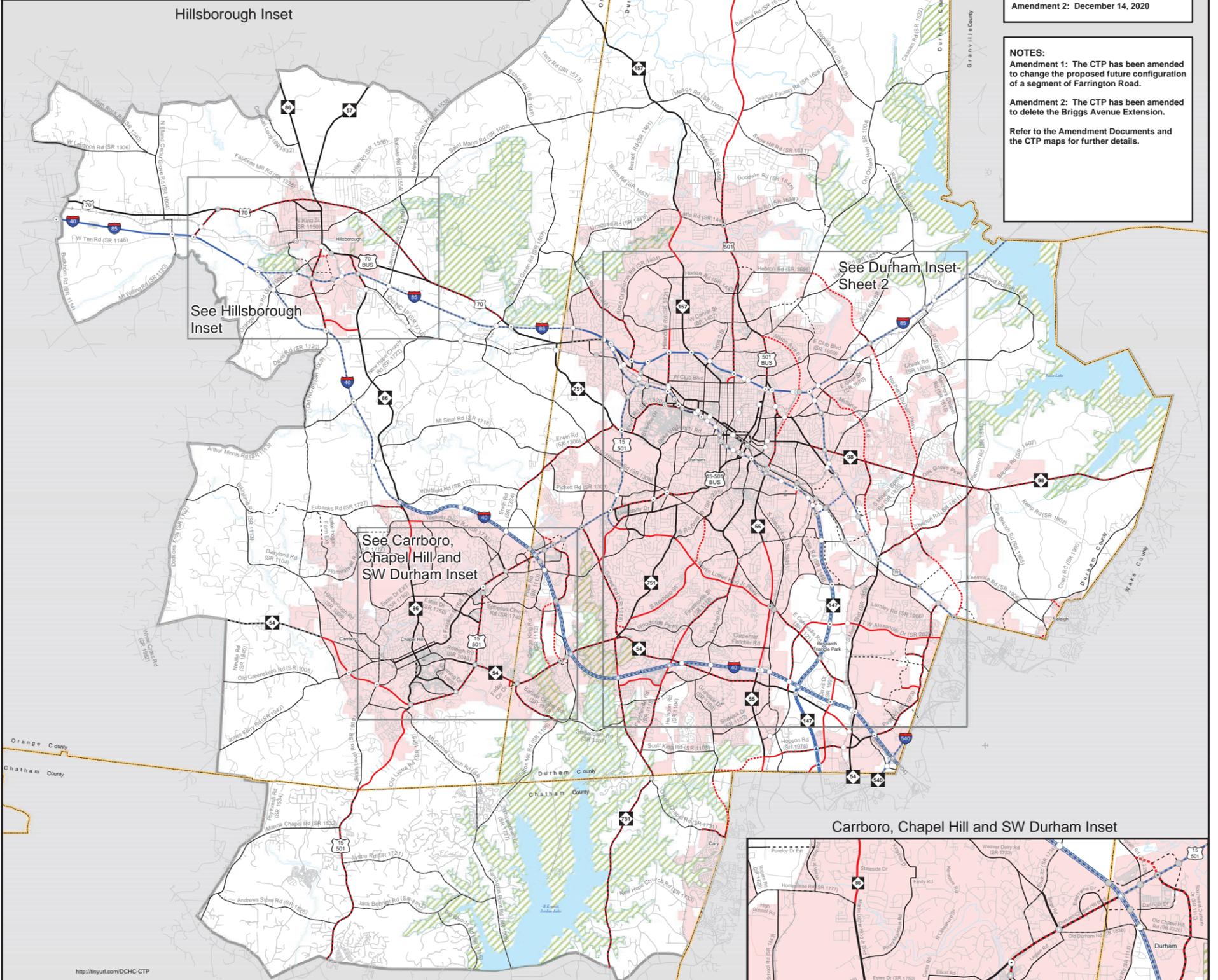
Attachment

January 7, 2021

DCHC MPO - CTP AMENDMENT 2 ADOPTION SHEET AND HIGHWAY MAP



Hillsborough Inset



Carrboro, Chapel Hill and SW Durham Inset

Adopted by:
Durham-Chapel Hill-Carrboro MPO
Date: May 10, 2017
Amendment 1: September 12, 2018
Amendment 2: December 9, 2020

NCDOT
Date: August 3, 2017
Amendment 1: NA
Amendment 2:

Recommended by:
Transportation Planning Division
Date: May 26, 2017
Amendment 1: NA
Amendment 2: December 14, 2020

NOTES:
Amendment 1: The CTP has been amended to change the proposed future configuration of a segment of Farrington Road.
Amendment 2: The CTP has been amended to delete the Briggs Avenue Extension.
Refer to the Amendment Documents and the CTP maps for further details.

Note: The Strategic Transportation Investments (STI) law (House Bill 817) establishes design elements that emphasize safety, mobility, complete streets, and accessibility for multiple modes of travel. The "typical" highway cross sections used in this CTP were updated on May 5, 2014 in response to STI law.

NCDOT's Complete Streets Policy "requires that NCDOT's planners and designers will consider and incorporate multimodal alternatives in the design and improvement of all appropriate transportation projects within a growth area of a town or city unless exceptional circumstances exist." (For more information on Complete Streets, go to <http://www.completestreets.org>.)

Note: The concepts shown on a CTP are for planning purposes and are subject to change. These concepts will need additional analysis to meet state and federal environmental regulations, to determine final locations and designs, and to be funded for implementation. Local zoning or subdivision ordinances may require the dedication of right of way based on the concepts shown on the CTP and local collector street plans, based on N.C.G.S. § 136-66.2 and § 136-66.10.



<http://tinyurl.com/DCHC-CTP>

Sheet 1 Adoption Sheet and Highway Map	Legend	<ul style="list-style-type: none"> Freeways <ul style="list-style-type: none"> Existing Needs Improvement Recommended Freeways with Managed Lanes <ul style="list-style-type: none"> Existing Needs Improvement Recommended Expressways <ul style="list-style-type: none"> Existing Needs Improvement Recommended Boulevards <ul style="list-style-type: none"> Existing Needs Improvement Recommended 	<ul style="list-style-type: none"> Other Major Thoroughfares <ul style="list-style-type: none"> Existing Needs Improvement Recommended Minor Thoroughfares <ul style="list-style-type: none"> Existing Needs Improvement Recommended Interchanges (or Intersections) <ul style="list-style-type: none"> Grade Separations <ul style="list-style-type: none"> Existing Needs Improvement Recommended Interchanges with Managed Lanes Access <ul style="list-style-type: none"> Existing Needs Improvement Recommended
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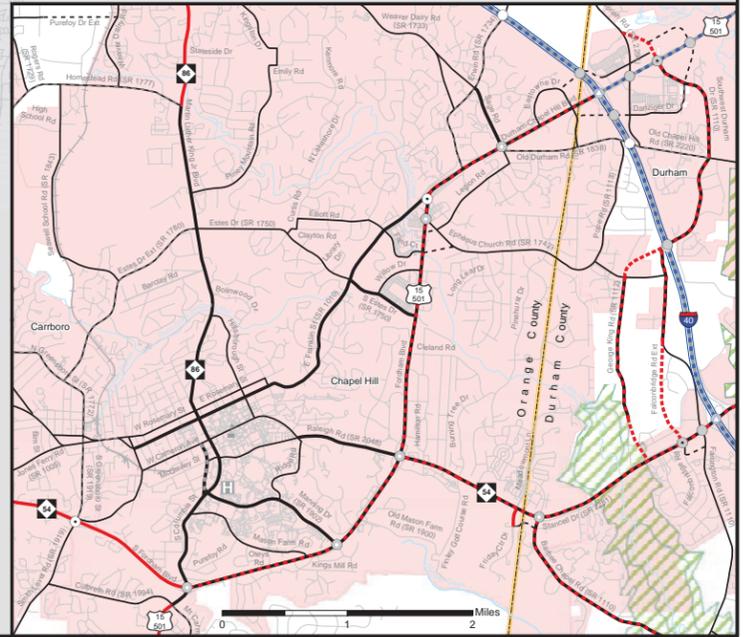


**Adoption Sheet/
Highway Map**

RECOMMENDED

**Durham-Chapel Hill-
Carrboro MPO**
Chatham, Durham,
and Orange Counties
North Carolina

**Comprehensive
Transportation Plan**
Plan date: December 9, 2020



ITEM V

NORTH CAROLINA BOARD OF TRANSPORTATION

There will be no Item V submitted to the Board for approval at the January 7, 2021, Board meeting.



NORTH CAROLINA

Department of Transportation



Financial Update

As of November 2020

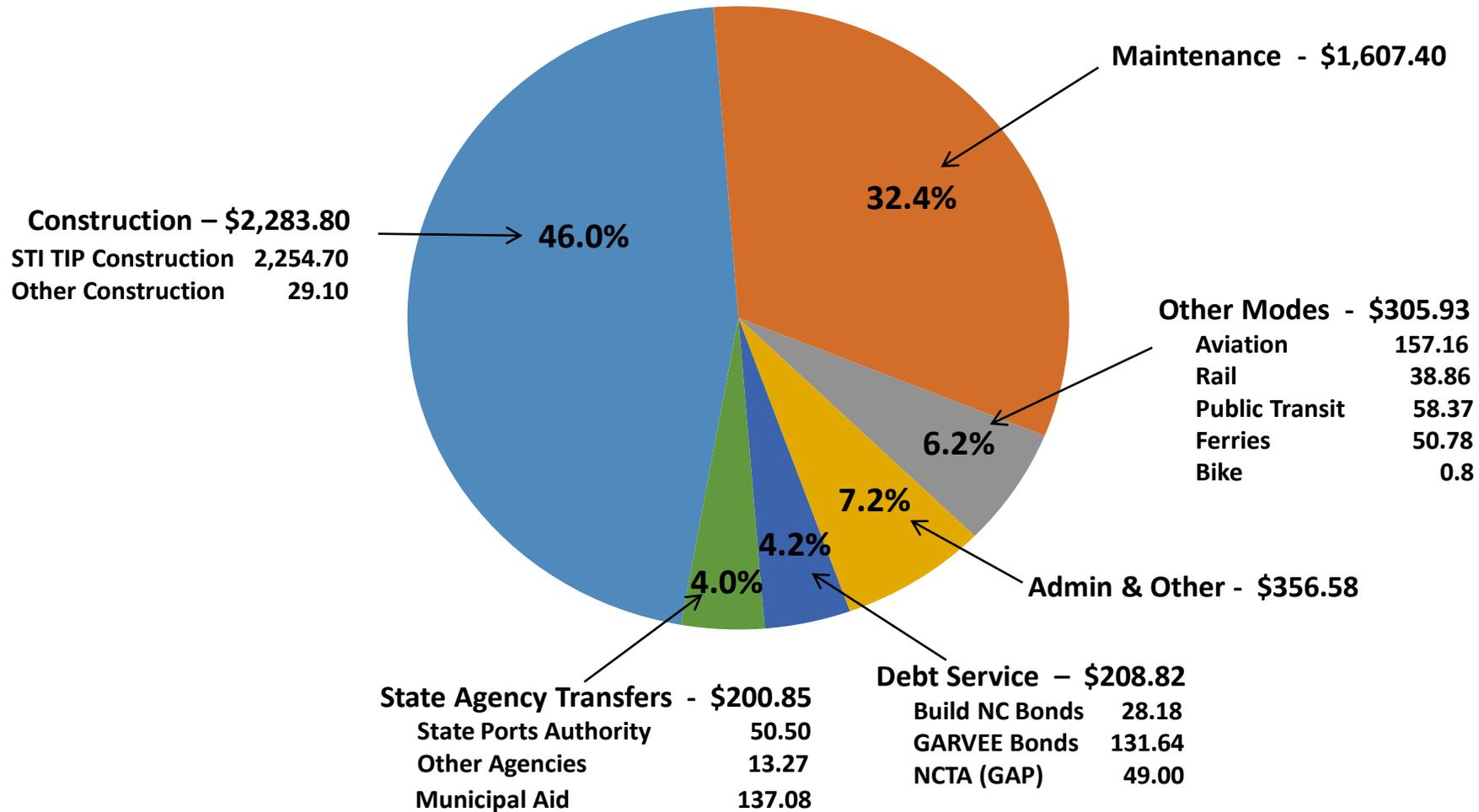
Stephanie King, Chief Financial Officer

December 29, 2020

Uses of 2020-21 NCDOT Appropriations*

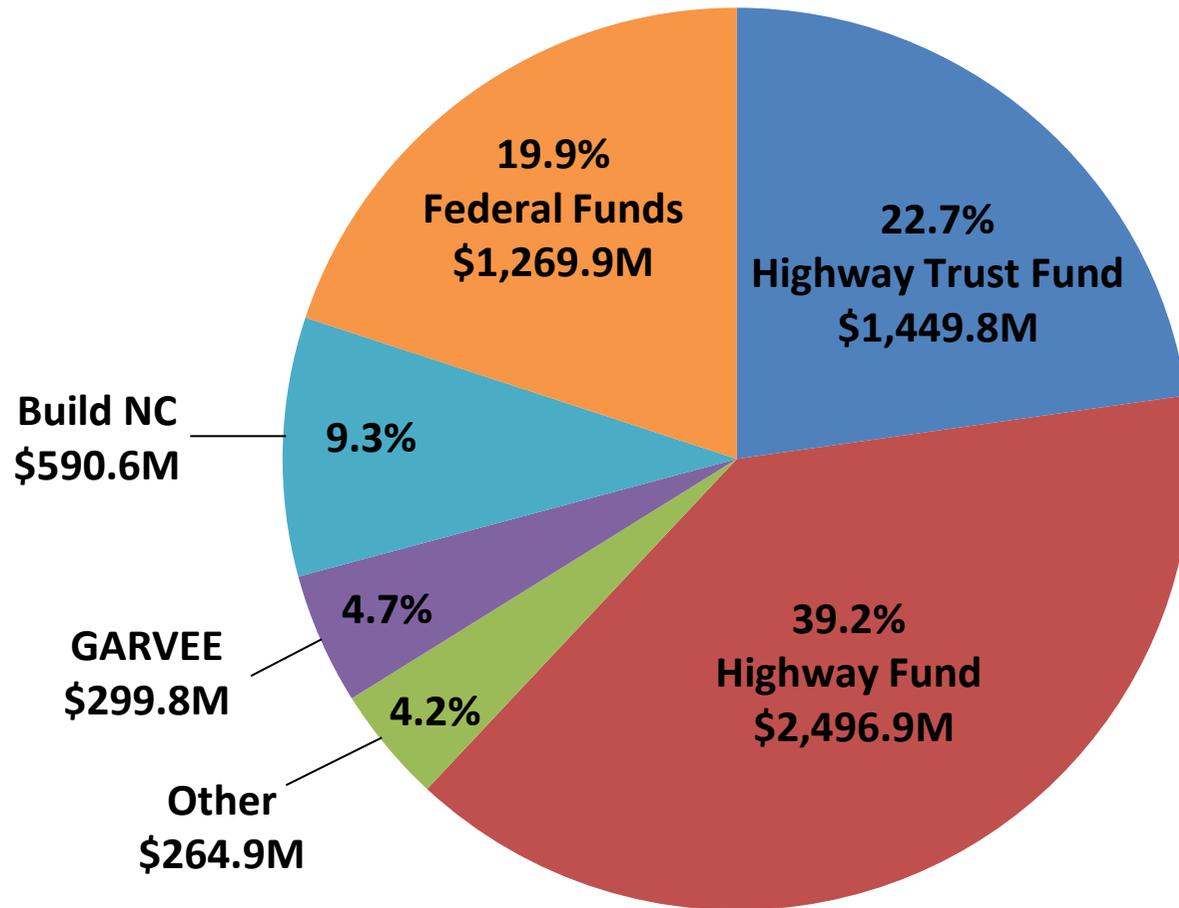
Total Funding = \$4.96 Billion

(Excludes Receipt Supported Funding of \$0.2B)



(\$ in millions)

NCDOT Sources of Funds 2020-21 by Major Funding Source Total Funding = \$6.0 Billion



(\$ in millions)

Financial Analysis

- Highway Fund Cash – Cash balance increased from \$71.7 million in November 2019 to \$565.8 million in November 2020. An increase of \$494.1 million or 689.2%. This year-over-year increase in cash is primarily due to lower cash disbursements as a result continued decreased expenditures.
- Highway Fund Revenues – Revenues increased from \$190.5 million in November 2019 to \$192.1 million in November 2020. An increase of \$1.6 million or 0.8%. This year-over-year increase was mostly due to a \$5.1 million increase in motor fuel tax that was offset somewhat by a \$3.1 million decrease in license and fee revenues. FY 2021 year-to-date revenues are greater than FY 2020 year-to-date revenues by \$134.0 million
- Highway Trust Fund Cash – Cash balance increased from \$269.8 million in November 2019 to \$487.2 million in November 2020. An increase of \$217.4 million or 80.6%. This increase in cash is due to decreased expenditures year-over-year and \$172 million in BuildNC bond proceeds received in November 2020.
- Highway Trust Fund Revenues – Revenues decreased from \$127.9 million in November 2019 to \$113.7 million in November 2020. A decrease of \$14.2 million or 11.1%. This year-over-year decrease was primarily due to a \$20.9 million decrease in motor fuel tax revenue that was offset somewhat by a \$5.9 million increase in highway use tax revenue. FY 2021 year-to-date revenues are lower than FY 2020 year-to-date revenues by \$55.0 million

Key monthly actions:

- As noted above, the Highway Trust Fund received \$172 million in BuildNC bond proceeds on November 19.

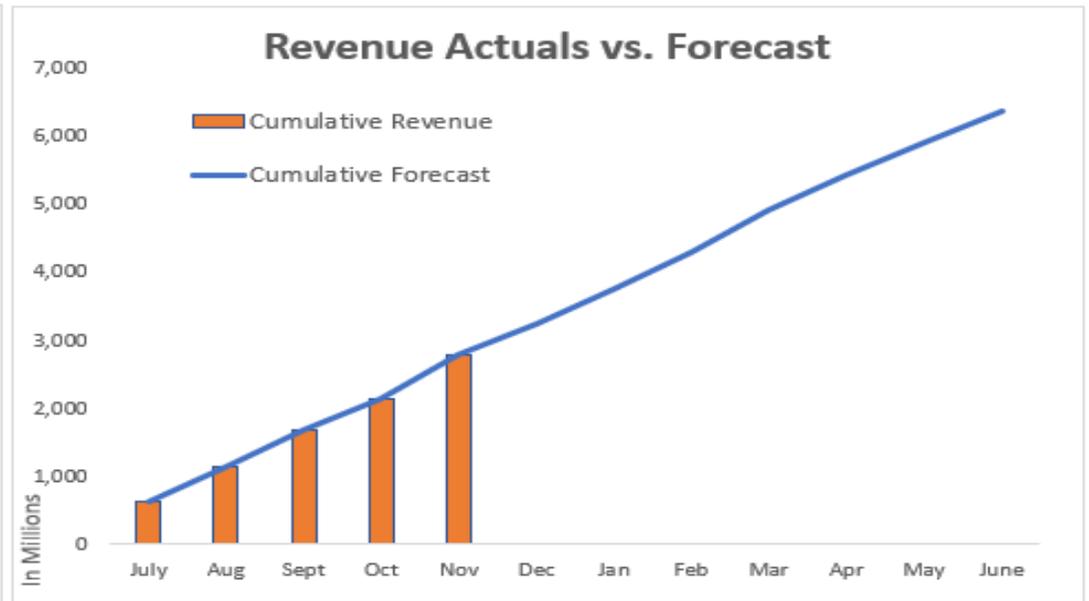
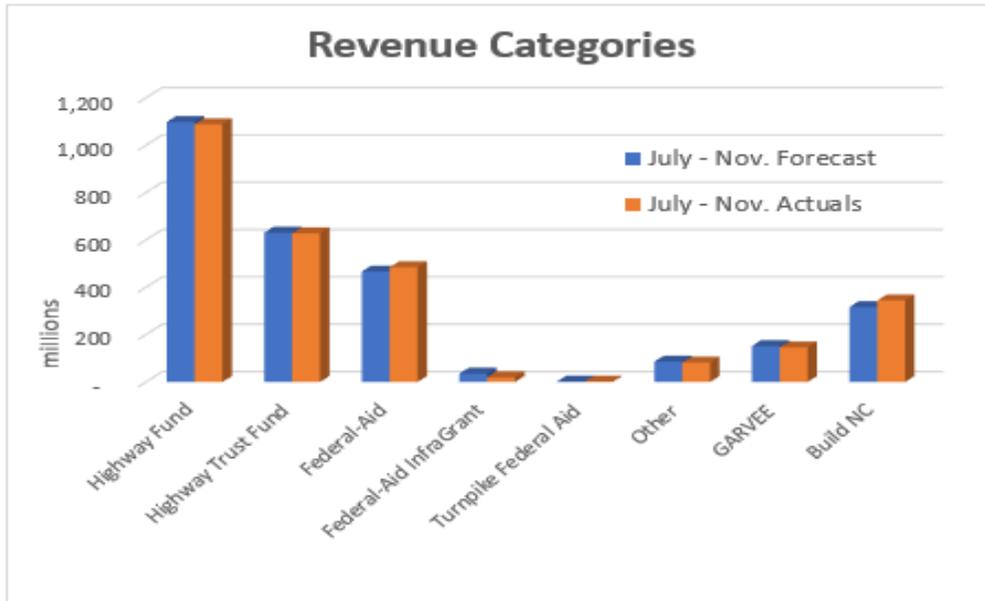
Spend Plan Analysis

- Total Revenues year to date are 0.3% above the spend plan forecast, or \$9 million. DOT realized higher Motor Fuel Tax revenue in July of \$80 million of deferred taxes allowed by NCDOR. The Department did receive \$200 million of Build NC reimbursements from the trustee in November.
 - Other Revenue – Total Other Revenues year to date is \$82 million or 5% below spend plan forecast. Major line items for this category include Damage Claims (\$37.9 million), Federal Transit funding (\$10.5 million), Federal Transit CARES Act funding (\$11.0 million), Federal Aviation funding (\$5.6 million), and GHSP funding (\$4.9 million).
- Total Expenditures year to date are 8% below the spend plan forecast, or \$170 million. This is a result of the slow down implemented during Spring 2020 and the lag time in reinitiating project phases.
 - Total Construction Expenditures are 4% below spend plan forecast. ROW expenditures through November total \$86.1 million, or 16.2% of the \$529 million yearly spend plan. Utilities expenditures through November total \$42.3 million, or 40% of the \$105 million yearly spend plan.
 - Maintenance Expenditures year to date are 16% below spend plan forecast. Contract Resurfacing expenditures are expected to increase as contracts are let for projects. In addition, undeclared disasters expenditures are anticipated to increase as road repairs are completed for damages related to recent rainstorms and the greater possibility of snow and ice events during the winter months.
 - Total Modal Expenditures are 15% below spend plan forecast. Modal grant payments to locals were delayed because of the cash uncertainty. Those carryforward grant payments are anticipated to be expended in the coming months.

Spend Plan Revenue Summary November 2020 (in millions)

Revenue	November 2020	November 2019	2020-2021 Actual Revenue	2019-2020 Actual Revenue	\$ Δ	% Δ	2020-2021 Spend Plan Revenue Forecast*	%	2020-2021 Spend Plan Revenue Forecast* To Date	%
Highway Fund	191.73	190.48	1,088.89	954.33	\$134.6	14%	2,496.7	44%	1,098.3	99%
Highway Trust Fund	113.74	127.90	627.97	682.98	(55.0)	-8%	1,450.1	43%	631.0	100%
FHWA Federal Aid	89.84	97.0	485.0	533.7	(48.7)	-9%	1,201.2	40%	466.7	104%
Federal Aid - InfraGrant	0.36	0.0	20.0	0.0	20.0		76.1	26%	35.6	56%
Turnpike Federal Aid	0.11	1.9	1.8	2.0	(0.2)	-10%	1.7	107%	1.7	107%
Other	11.76	11.9	82.3	64.3	18.0	28%	273.8	30%	86.2	95%
GARVEE	54.93	4.3	146.4	34.6	111.8	323%	294.5	50%	152.0	96%
Build NC	200.19	14.8	344.3	90.6	253.7	280%	574.2	60%	316.6	109%
Total Revenue	\$662.7	\$448.3	\$2,796.7	\$2,362.5	\$434.2	18%	\$6,368.4	44%	\$2,788.1	100%

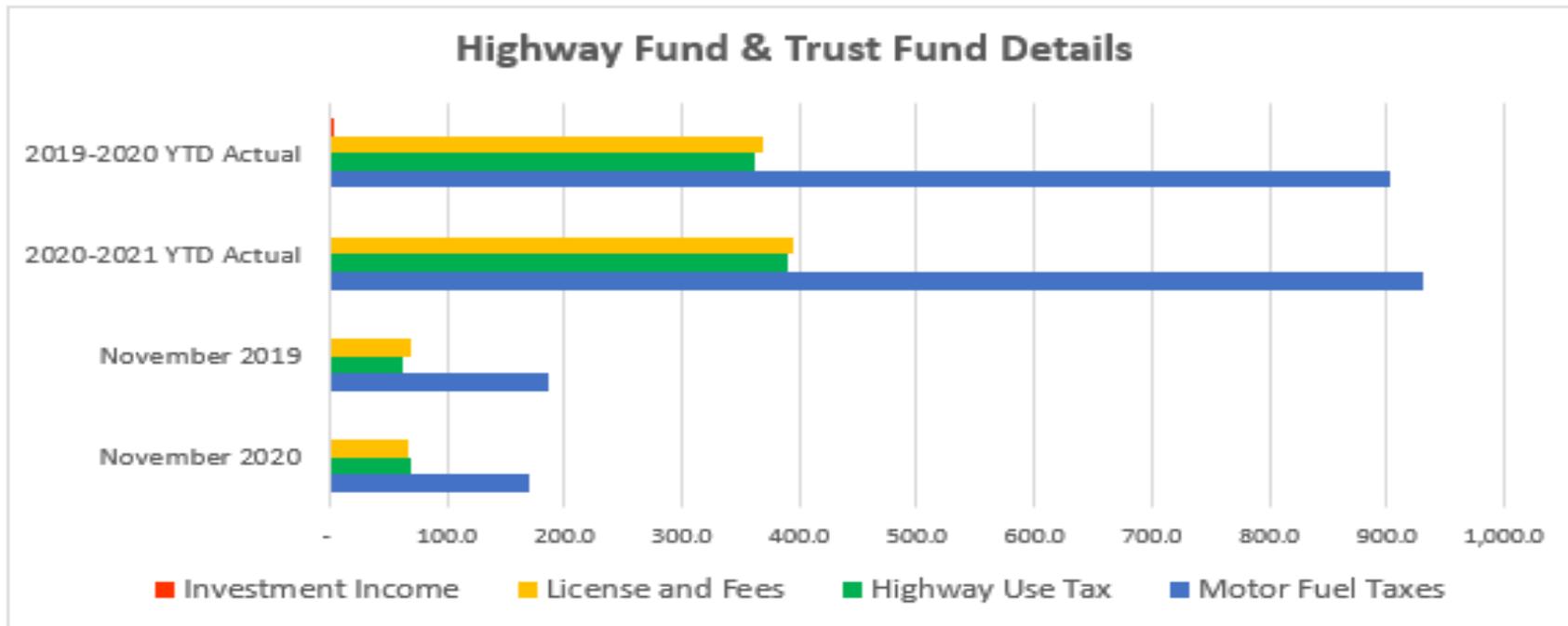
* Revised Revenue Forecast for the 12/2/20 Approved Spend Plan



Highway Fund & Trust Fund Details November 2020

(in millions)

Highway Fund & Trust Fund Details	November 2020	November 2019	Year Over Year			
			2020-2021 YTD Actual	2019-2020 YTD Actual	\$ Δ	% Δ
Motor Fuel Taxes	170.1	185.9	930.3	901.8	\$ 28.5	3%
Highway Use Tax	69.0	63.2	390.4	362.0	28.4	8%
License and Fees	66.1	68.4	394.3	370.0	24.3	7%
Investment Income	0.6	0.9	1.8	3.9	(2.1)	-55%
Total	\$ 305.8	\$ 318.4	\$ 1,716.8	\$ 1,637.8	\$ 79.0	5%

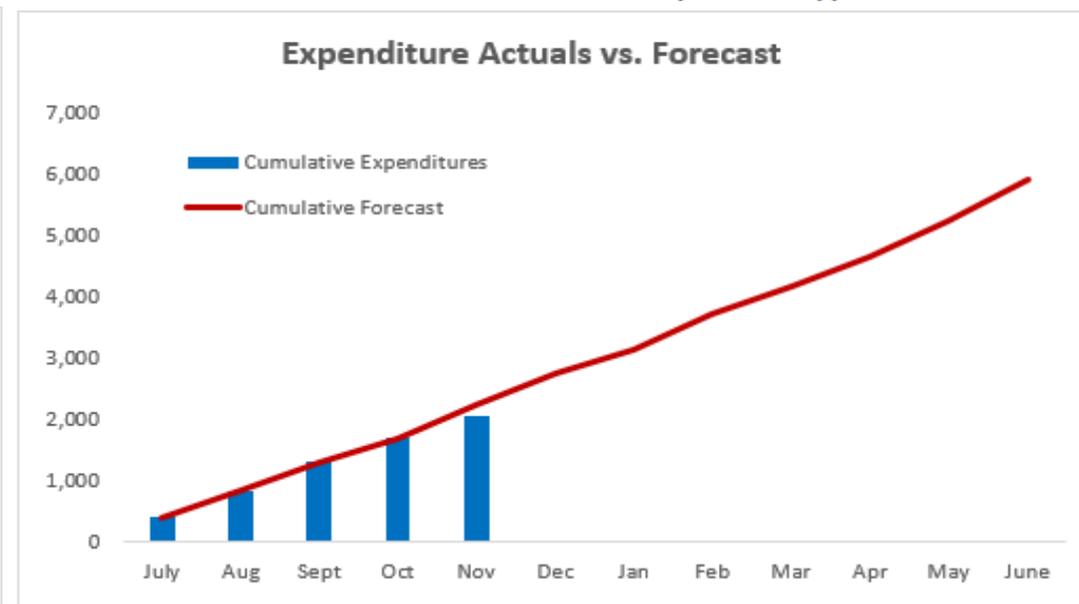
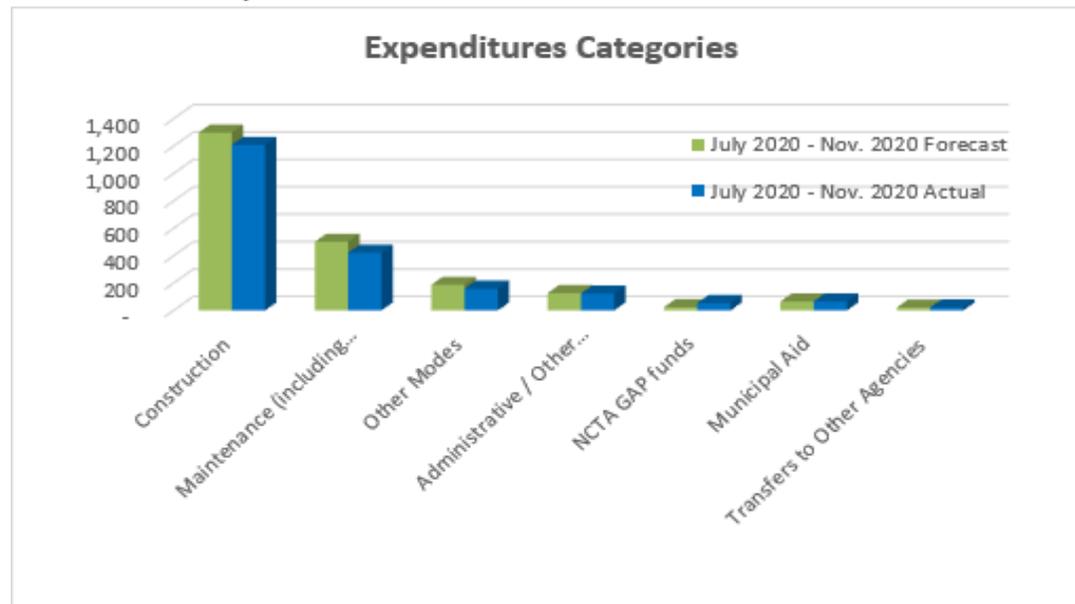


Spend Plan Expenditure Summary November 2020 (in millions)

State & Federal Funded Programs:	November 2020	November 2019	2020-2021 Actual	2019-2020 Actual	\$ Δ	% Δ	2020-2021 Spend Plan**	%	2020-2021 Spend Plan** To Date	%
Construction	222.9	316.6	1,209.0	1,594.8	(\$385.7)	-24%	3,216.9	38%	1,298.2	93%
Maintenance (including FEMA)	71.5	115.0	421.7	757.8	(336.1)	-44%	1,460.0	29%	501.6	84%
Other Modes	17.4	15.2	159.5	91.2	68.3	75%	643.4	25%	187.8	85%
Administration/Other Programs	27.2	30.9	123.3	130.5	(7.1)	-5%	329.1	37%	127.5	97%
NCTA GAP funds / GO Debt Service (2019)	19.1	17.9	55.3	24.1	31.2	130%	49.0	113%	24.5	226%
Municipal Aid	0.5	-	66.3	73.8	(7.5)	-10%	132.1	50%	65.8	101%
Transfers to Other Agencies	0.3	(11.9)	22.1	5.1	17.1	337%	68.7	32%	21.8	102%
Total Expenditures*	\$358.9	\$483.6	\$2,057.3	\$2,677.2	\$ (619.9)	-23%	\$5,899.3	35%	\$2,227.2	92%

*Excludes NCTA Expenditures

** Spend Plan Approved on 12/2/2020



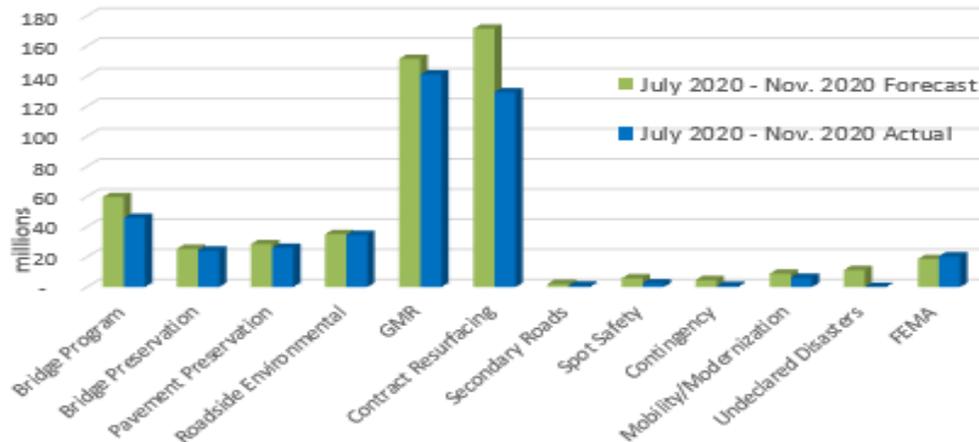
Maintenance Program Expenditure Summary November 2020

(in millions)

Maintenance Programs:	November 2020	November 2019	2020-2021 Actual	2019-2020 Actual	\$ Δ	% Δ	2020-2021 Spend Plan*	%	2020-2021 Spend Plan* To Date	%
Bridge Program	8.49	17.54	45.93	113.16	(67.23)	-59%	225.00	20%	59.72	77%
Bridge Preservation	3.43	6.86	24.19	34.43	(10.24)	-30%	60.00	40%	25.43	95%
Pavement Preservation	3.78	9.00	26.07	46.47	(20.40)	-44%	75.00	35%	28.55	91%
Roadside Environmental	6.90	6.91	34.59	51.78	(17.18)	-33%	90.00	38%	35.09	99%
General Maintenance Reserve (GMR)	21.86	29.90	141.00	178.99	(37.99)	-21%	391.30	36%	151.48	93%
Contract Resurfacing	20.88	40.95	129.32	300.61	(171.29)	-57%	475.00	27%	171.47	75%
Other Constr. - Secondary Roads	0.15	0.36	0.98	1.88	(0.90)	-48%	10.00	10%	2.06	48%
Other Constr. - Spot Safety Improve.	0.32	0.41	2.39	4.10	(1.70)	-42%	30.00	8%	5.81	-29%
Other Constr. - Contingency	0.16	0.47	0.86	4.72	(3.87)	-82%	30.00	3%	4.62	-84%
Other Constr. - Mobility/Modernization	0.61	2.28	6.20	12.23	(6.03)	-49%	30.00	21%	8.86	-68%
Undeclared Disasters	0.08	-	0.22	-	0.22	0%	93.70	0%	11.26	0%
FEMA	6.05	3.83	20.42	32.40	(11.99)	-37%	50.00	41%	18.60	110%
Total Expenditures	72.72	118.52	432.18	780.77	(348.59)	-45%	1,560.00	28%	522.95	83%

* Spend Plan Approved on 12/2/2020

Maintenance Program



Maintenance Expenditures vs. Forecast

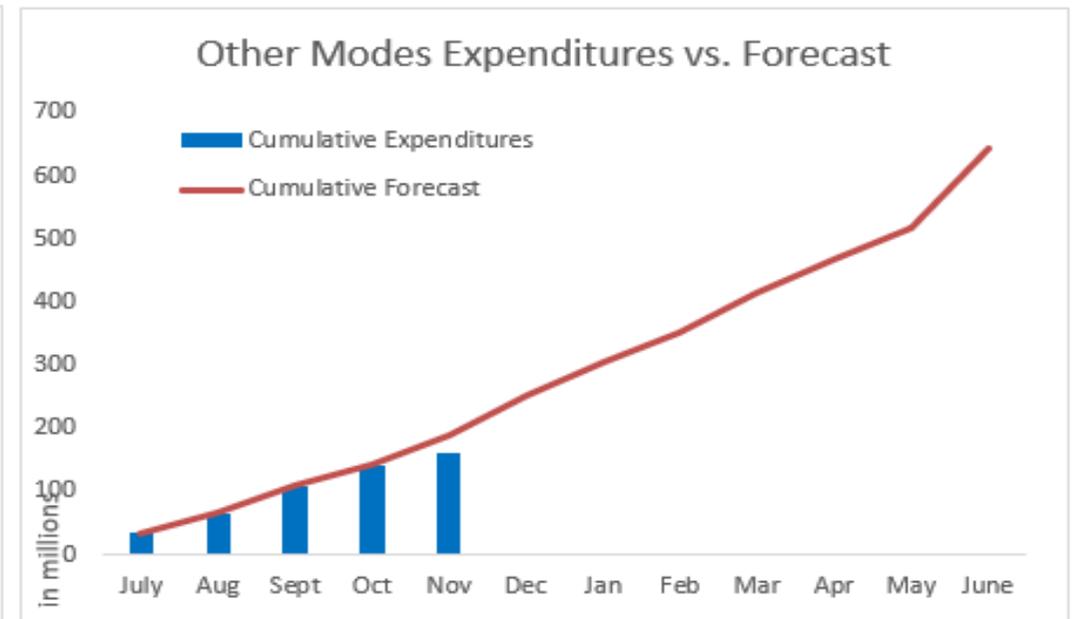
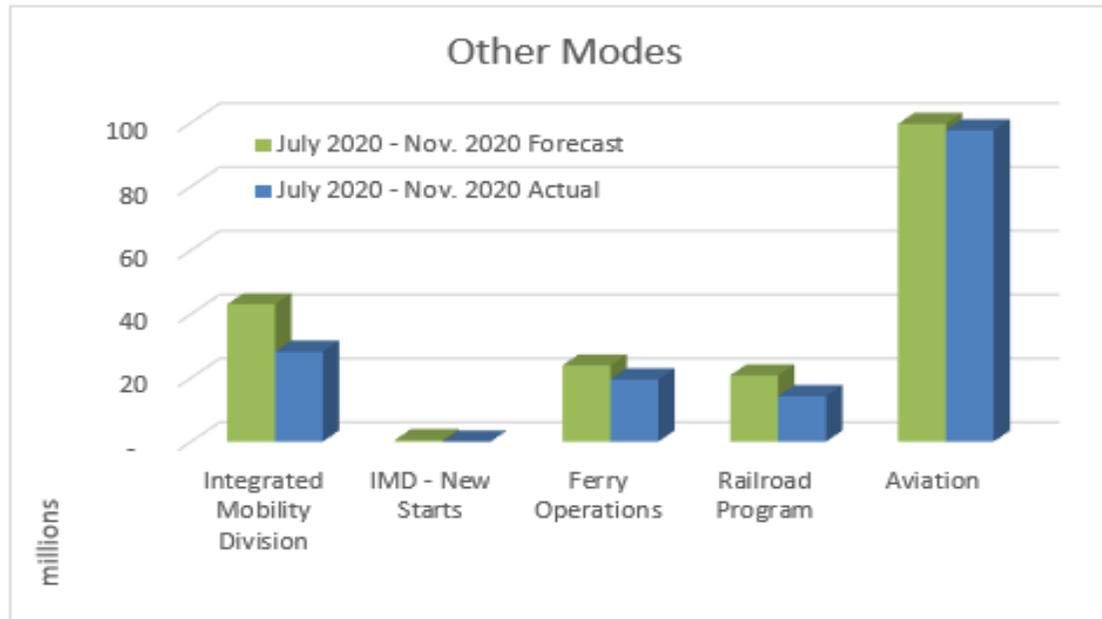


Other Modes Expenditure Summary November 2020

(in millions)

Modal Expenditures	November		2020-2021		2019-2020		2020-2021		2020-2021	
	2020	2019	Actual Expenditure	Actual Expenditure	\$ Δ	% Δ	Spend Plan*	%	Spend Plan* To Date	%
Integrated Mobility Division	6.1	5.6	28.2	24.1	4.1	17%	185.7	15%	43.1	65%
IMD - New Starts	0.0	-	0.0	-	-	-	37.3	0%	0.5	0%
Ferry Operations	3.5	2.2	19.5	21.5	(2.0)	-9%	65.3	30%	23.9	82%
Railroad Program	1.9	1.4	14.2	13.1	1.1	8%	111.1	13%	20.8	69%
Aviation	5.9	6.1	97.6	32.4	65.2	201%	244.0	40%	99.6	98%
Total Modal Expenditure	\$17.4	\$15.2	\$159.5	\$91.2	\$68.3	75%	\$643.4	25%	\$187.8	85%

* Spend Plan Approved on 12/2/2020



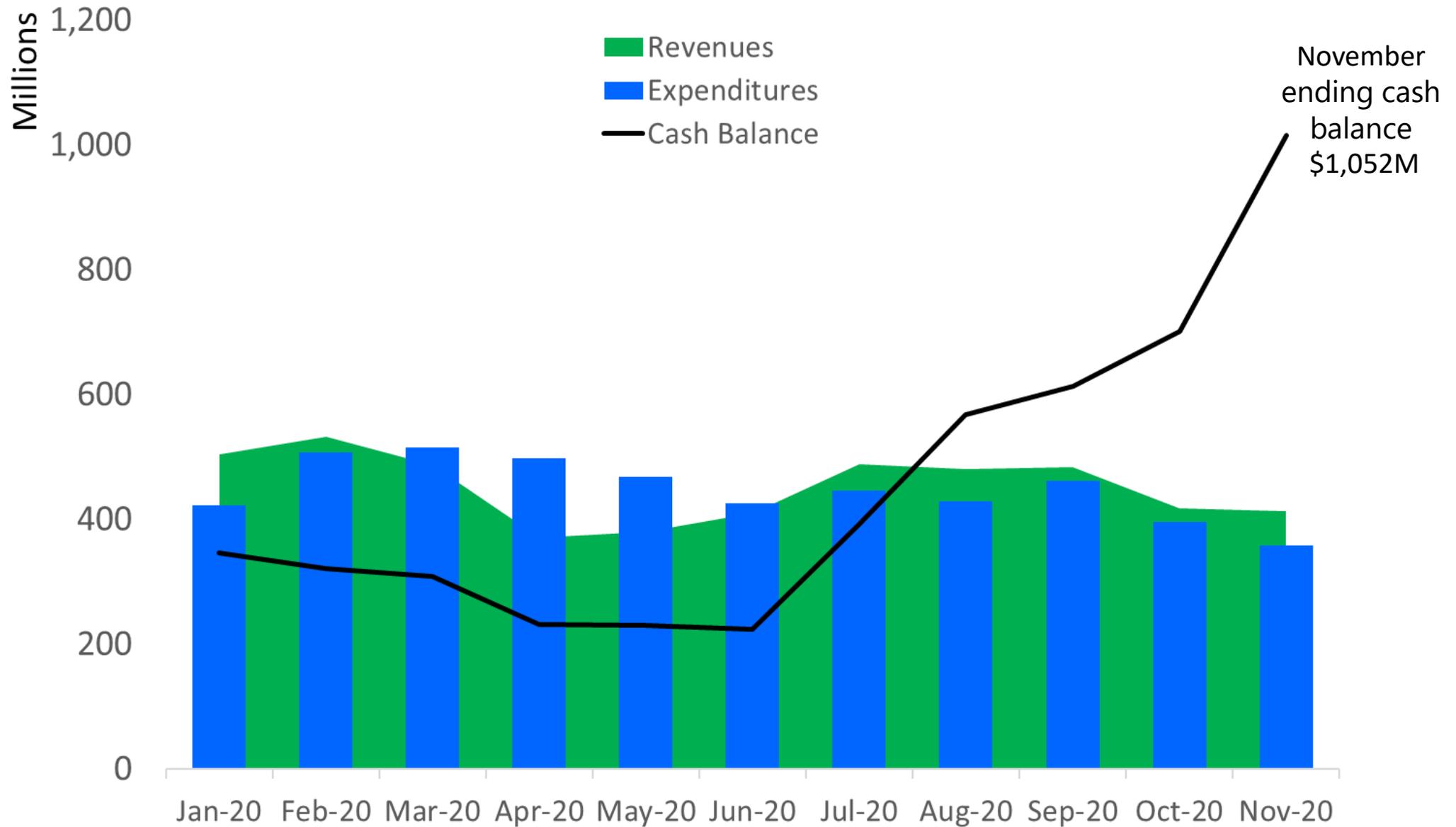
Financial Update

SFYTD 2021 as compared SFYTD 2020 (\$ in millions)

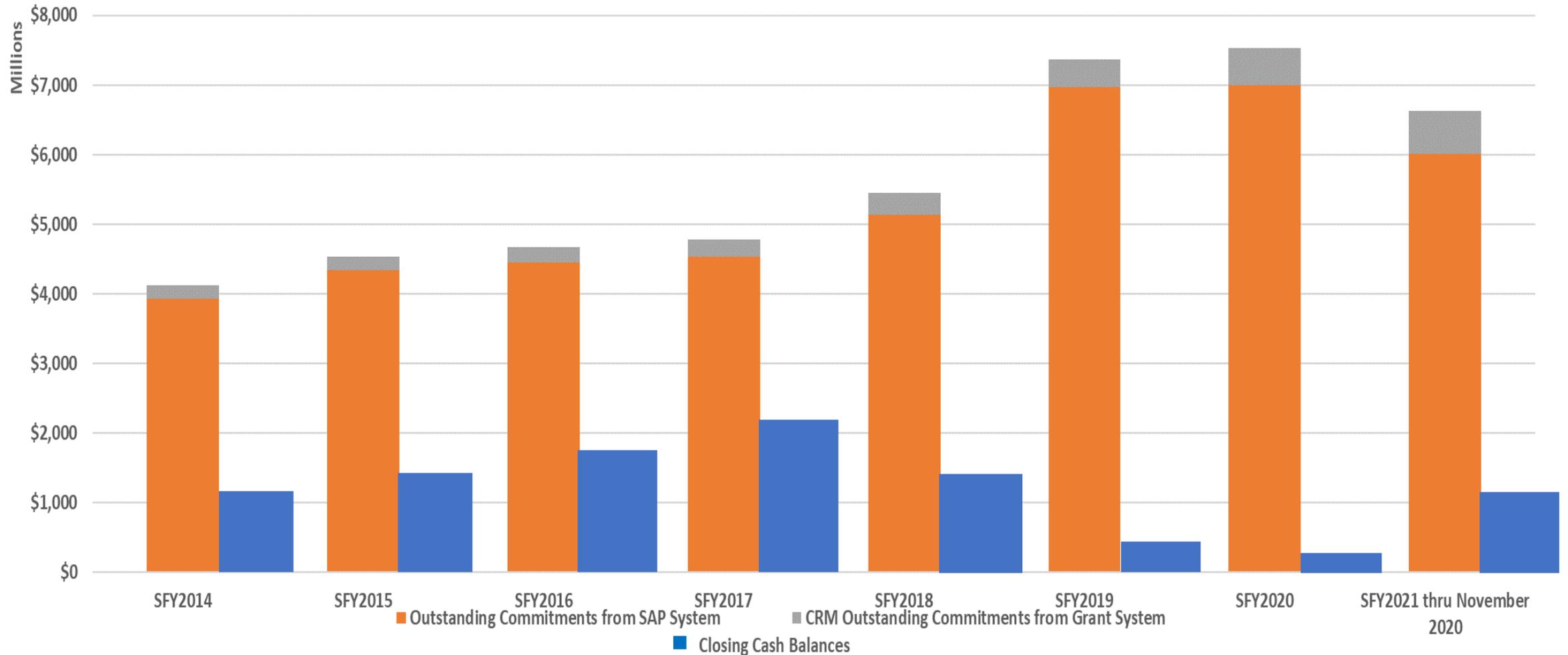
	Month over Month		Year to Date		
	November 2020	November 2019	YTD 2021	YTD 2020	\$ Change
<u>Highway Fund & Highway Trust Fund</u>					
Collections	\$ 663	\$ 448	\$ 2,797	\$ 2,363	\$ 434
Expenditures	<u>359</u>	<u>484</u>	<u>2,057</u>	<u>2,677</u>	<u>(620)</u>
Net Change	\$ 304	\$ (35)	\$ 739	\$ (315)	\$ 1,054
			November 2020	November 2019	
<u>Cash Balances:</u>					
Highway Trust Fund			\$ 487	\$ 270	
Highway Fund*			<u>566</u>	<u>72</u>	
Totals			<u>\$ 1,053</u>	<u>\$ 341</u>	

*Excludes bond proceeds held by Trustee

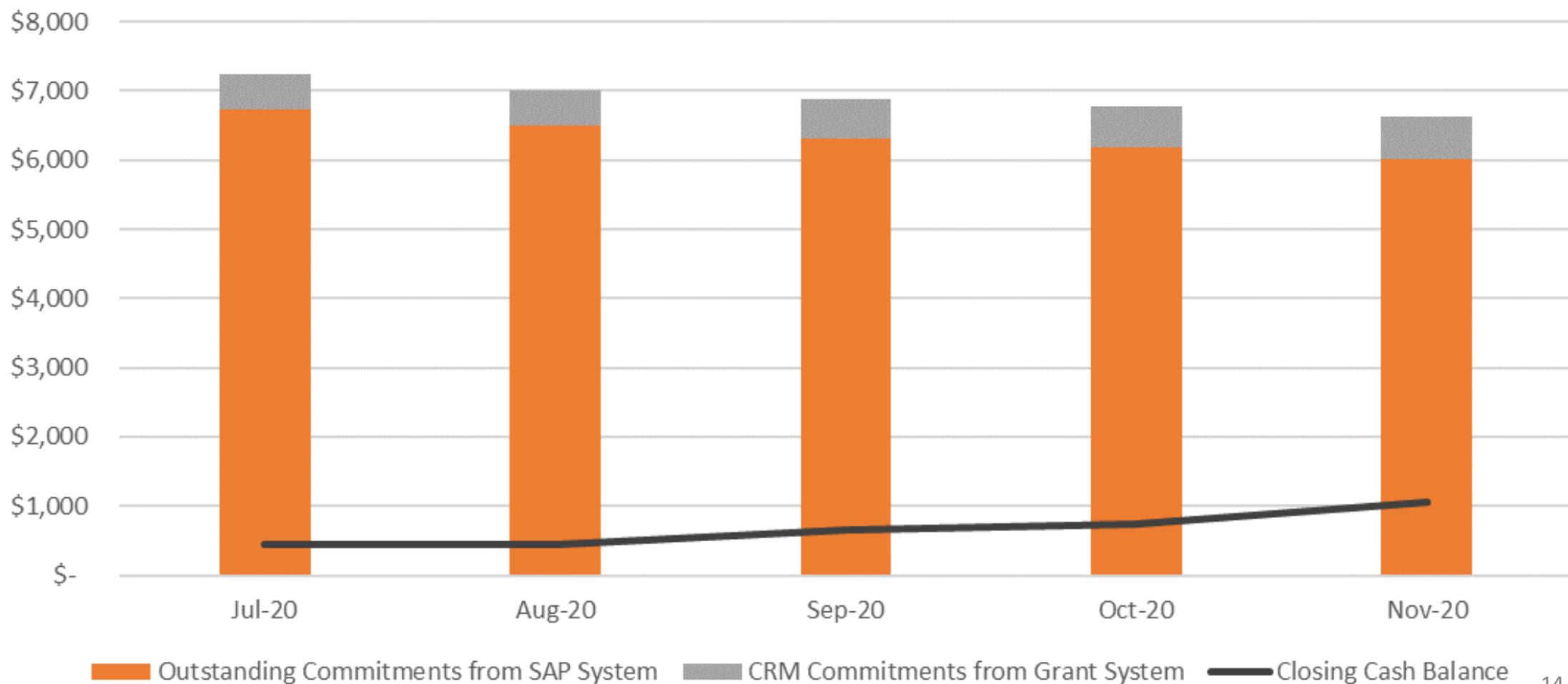
2020 Month-end Financial Indicators



NCDOT Outstanding Commitments & Closing Cash Balances by State Fiscal Year



NCDOT Outstanding Commitments & Closing Cash Balances by Month



Cash Reporting

Joint Legislative Transportation Oversight Committee

November 2020 – Reporting Required

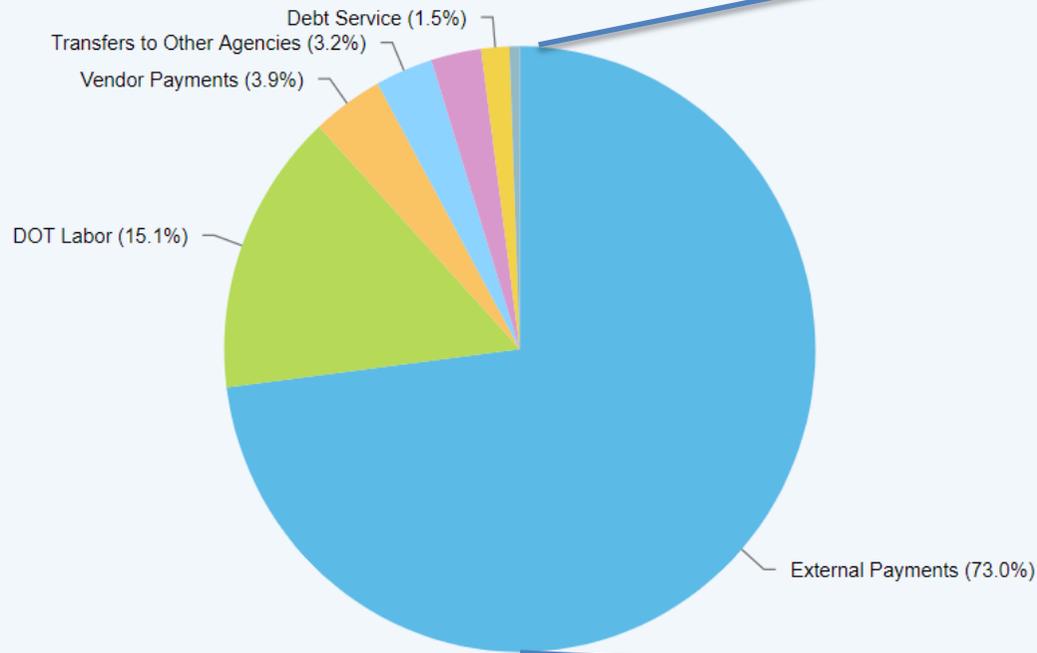
- Section 2.1 of Session Law 2019-251 requires DOT to report each month when the department's combined average daily cash balance for the month is outside of the statutory target range.
- For November 2020, the **average daily cash balance** of the Highway Fund and the Highway Trust Fund was \$751 million.
- The cash target amounts representing 15% and 20% of the total appropriations for the current fiscal year are \$535 million and \$713 million, respectively.
- The closing cash balance for November was \$1.05 billion which is above the target range and above the minimum cash balance requirement of \$267 million under G.S. 143C-6-11.

NCDOT Expenditures SFY2021 as of November 30, 2020

NCDOT Expenditures (\$M)

NCDOT External Payments (%)

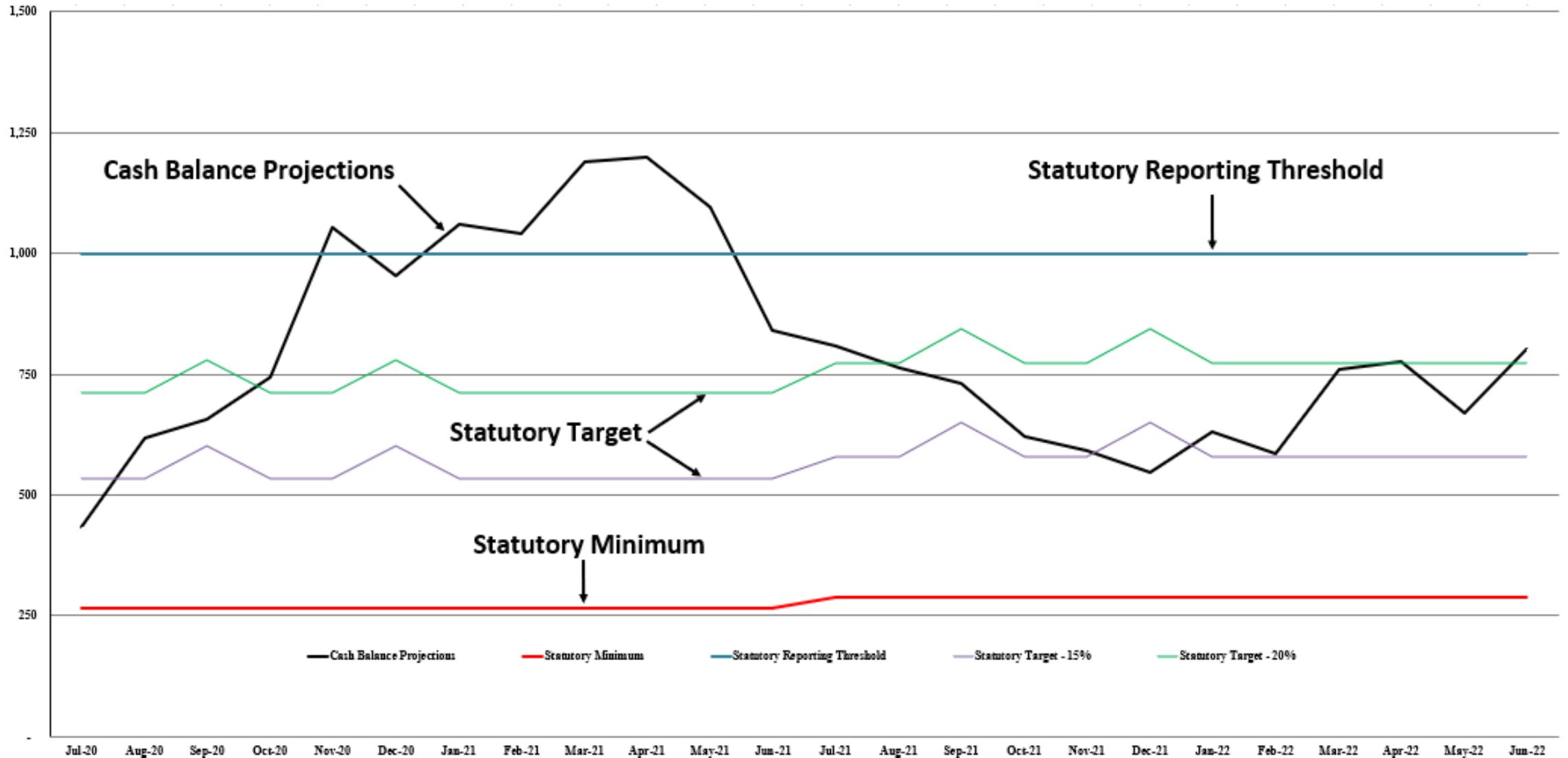
- External Payments
- DOT Labor
- Vendor Payments
- Transfers to Other Agencies
- Miscellaneous Service Contracts
- Debt Service
- Equipment Purchases
- Not Assigned G/L Account (s)



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

% Expenditures

24 Month Forecast



Certified Budget vs HB77 - Highway Fund Appropriations

2020-21

APPROVED 12/2

	Certified 2021 Budget	SL 2019-251 Section 1.3 (e)	FY20 Overdrafts		Credit		State Spend Plan	Federal Spend Plan	Total Spend Plan	Total Spent thru 11/30/20	Difference	
			Funded By FY21 Dollars	State Carry Forward	Federal Carry Forward	Balance Legislation					\$	%
DOT-General Administration	\$ 100,417,649		-	-	-		\$ 81,160,239		\$ 81,160,239	\$ 38,919,598	(42,240,641)	-52%
Highway Division Administration	31,063,109		-	-	-		32,198,043		32,198,043	12,041,309	(20,156,734)	-63%
Total Admin	\$ 131,480,758		\$ -	\$ -	\$ -		\$ 113,358,282	\$ -	\$ 113,358,282	\$ 50,960,907	\$ (62,397,375)	-55%
Construction Program												
State Secondary System	3,500,000		41,347	61,910,403	-	(3,551,188)	10,000,000		10,000,000	983,430 *	(9,016,570)	-90%
Spot Safety Improvements	12,100,000		684,489	32,831,835	-	-	30,000,000		30,000,000	2,392,926	(27,607,074)	-92%
Contingency Funds	12,000,000		1,993,993	40,834,385	-	(206,042)	30,000,000		30,000,000	855,479	(29,144,521)	-97%
Mobility Modernization	1,500,000		3,250,315	79,508,201	-	(805,685)	30,000,000		30,000,000	6,200,329	(23,799,671)	-79%
Total Construction Program	\$ 29,100,000		5,970,144	215,084,824	-	(4,562,915)	\$ 100,000,000		\$ 100,000,000	\$ 10,432,164	\$ (89,567,836)	-90%
Maintenance Program												
General Maintenance Reserve	517,382,234	43,731,212	92,864,148	57,863,938	-	(159,520)	535,000,000		535,000,000	161,644,456	(373,355,544)	-70%
Contract Resurfacing	558,674,899	(15,082,953)	51,200,639	264,861,435	-	(8,323,495)	475,000,000		475,000,000	129,317,369	(345,682,631)	-73%
Bridge Program	273,967,830	(8,152,492)	45,196,031	321,145,602	-	(50,771,568)	225,000,000		225,000,000	45,928,951	(179,071,049)	-80%
Bridge Preservation	69,899,551	(2,454,342)	39,979,697	26,489,476	-	(7,425,284)	60,000,000		60,000,000	24,193,847	(35,806,153)	-60%
Roadside Environmental	101,328,653	(3,020,761)	15,157,847	19,496,408	-	(5,921,160)	90,000,000		90,000,000	34,593,226	(55,406,774)	-62%
Pavement Preservation	85,358,348	(2,915,193)	10,645,386	80,811,830	-	(8,804,236)	75,000,000		75,000,000	26,068,059	(48,931,941)	-65%
Total Maintenance Program	\$ 1,606,611,515	\$ 12,105,471	255,043,747	770,668,688	-	(81,405,263)	\$ 1,460,000,000		\$ 1,460,000,000	\$ 421,745,909	\$ (1,038,254,091)	-71%
Ferry Operations	50,879,026	(1,367,724)	8,160,815	9,489,427	175,244		65,234,691		65,234,691	19,503,575	(45,731,116)	-70%
State Aid to Municipalities	137,079,699	(4,397,199)	-	461,641	-		132,682,500		132,682,500	66,294,216	(66,388,284)	-50%
State Aid to Railroads	36,147,269	(1,190,144)	13,264	78,606,425	6,709,526	(269,822)	74,991,625	35,562,263	110,553,888	14,227,417 **	(96,326,470)	-87%
Integrated Mobility Division	18,200,464	(2,558,917)	2,816	74,661,763	80,634,929	(410,432)	55,940,177	166,347,641	222,287,818	28,178,682	(194,109,136)	-87%
Airports	132,264,528	(2,591,487)	6,076	155,566,183	33,413,351	(16,068,155)	199,084,810	45,000,000	244,084,810	97,583,394	(146,501,416)	-60%
Bike/Ped	761,549		5,824	1,079,342	7,975,429		761,549		761,549	166,291	(595,258)	-78%
OSHA Program	358,030		1,596	432,225	-		358,030		358,030	37,127	(320,903)	-90%
Governor's Highway Safety Program	267,914		-	399,293	35,489,001		267,914	13,532,086	13,800,000	6,263,373	(7,536,627)	-55%
Division of Motor Vehicles	142,602,058		-	-	-		135,000,000		135,000,000	48,573,422	(86,426,578)	-64%
Capital Improvements			2,350,945	36,126,405	-					3,036,874 ***	3,036,874	
Performance Energy Debt			-	-	-					144,916	144,916	
Non-System Streets			-	-	-					899,108	899,108	
MCSAP/DMV Grants	2,161,172		-	2,463,601	18,746,340		2,161,172		2,161,172	(4,021,389)	(6,182,561)	-286%
Total Misc	520,721,709	(12,105,471)	10,541,336	359,286,306	183,143,820	(16,748,409)	666,482,468	260,441,990	926,924,458	280,887,007	\$ (646,037,451)	-70%

**Certified Budget vs HB77 - Highway Fund Appropriations
2020-21**

APPROVED 12/2

	Certified 2021 Budget	SL 2019-251 Section 1.3 (e)	FY20 Overdrafts Funded By FY21 Dollars	State Carry Forward	Federal Carry Forward	Credit Balance Legislation	State Spend Plan	Federal Spend Plan	Total Spend Plan	Total Spent thru 11/30/20	Difference \$	Difference %
Transfers to Other State Agencies												
Agriculture	5,539,856		-	-	-		5,539,856		5,539,856	2,847,750	(2,692,106)	-49%
Revenue	5,415,158		-	-	-		5,415,158		5,415,158	1,494,877	(3,920,281)	-72%
OSC-BEST	525,408		-	-	-		525,408		525,408	278,722	(246,686)	-47%
State Ports Authority	5,500,000		-	-	-		5,500,000		5,500,000	5,500,000	-	0%
State Ethics Commission	56,816		-	-	-		56,816		56,816	20,416	(36,400)	-64%
DHHS - Chemical Test	581,675		-	-	-		581,675		581,675	290,838	(290,837)	-50%
Total Transfers to Other State Agencies	\$ 17,618,913		-	-	-		\$ 17,618,913	\$ -	\$ 17,618,913	\$ 10,432,603	\$ (7,531,412)	-43%
Reserves												
Minority Contractor Development	150,000		-	150,000	-		150,000		150,000		(150,000)	
State Fire Protection Grant	158,000		-	-	-		158,000		158,000		(158,000)	
Stormwater Discharge Permit	500,000		-	2,334,427	-		500,000		500,000		(500,000)	
Global Transpark	750,000		-	-	-		750,000		750,000	431,417	(318,583)	
Admin Reduction	(581,441)		-	-	-		(581,441)		(581,441)		581,441	
Salary Adjustment Fund	832,422		-	-	-		832,422		832,422		(832,422)	
Reserve for Call Center Consolidations	556,074		-	-	-		556,074		556,074		(556,074)	
Reserve for Legislative Increase	11,034,210		-	-	-		11,034,210		11,034,210		(11,034,210)	
Reserve for State Health Plan	3,411,891		-	-	-		3,411,891		3,411,891		(3,411,891)	
Short Term Disability	171,184		-	-	-		171,184		171,184		(171,184)	
Employer's Contribution to Retirement	10,884,765		-	-	-		10,884,765		10,884,765		(10,884,765)	
Total Reserves	\$ 27,867,105		-	2,484,427	-		\$ 27,867,105	\$ -	\$ 27,867,105	\$ 431,417	\$ (27,435,688)	-98%
Total Current Operations	2,333,400,000		271,555,228	1,347,524,244	183,143,820		2,385,326,768	260,441,990	2,645,768,758	774,890,007	(1,870,878,750)	
Total Highway Fund Appropriation	\$ 2,333,400,000		\$ 271,555,228	\$ 1,347,524,244	\$ 183,143,820	\$ (102,716,587)	\$ 2,385,326,768	\$ 260,441,990	\$ 2,645,768,758	\$ 774,890,007	\$ (1,870,878,750)	

Approved Spend Plan Versus Adjusted Spend Plan

	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	SFY 2021	Approved 12/21/20	
	1	2	3	4	5	6	7	8	9	10	11	12	Adjusted Workplan	SFY 2021 Work Plan	Delta
OPENING CASH BALANCE	\$ 266	\$ 434	\$ 617	\$ 656	\$ 743	\$ 1,053	\$ 955	\$ 1,062	\$ 1,041	\$ 1,191	\$ 1,200	\$ 1,097			
REVENUES															
State revenues	\$ 409	\$ 329	\$ 349	\$ 324	\$ 305	\$ 302	\$ 336	\$ 325	\$ 319	\$ 334	\$ 327	\$ 275	\$ 3,934	\$ 3,947	(12)
Federal aid	68	131	116	81	90	64	69	134	204	88	84	74	1,201	1,201	(0)
Federal aid - InfraGrant	0	5	9	5	0	3	3	-	23	5	3	3	60	76	(16)
Turnpike Federal Aid	1	0	0	0	0	-	-	-	-	-	-	-	2	2	0
Other	11	15	29	16	12	18	58	41	17	19	17	17	270	274	(4)
	489	481	503	426	408	387	466	500	563	446	431	369	5,468	5,500	(32)
BOND PROCEEDS/GARVEE	3	40	26	23	55	20	17	16	16	21	22	30	289	\$ 295	(6)
BUILDNC REIMBURSEMENT FROM TRUSTEE	144	-	-	-	200	46	36	36	33	31	41	33	602	574	28
TOTAL REVENUES & OTHER RECEIPTS	\$ 636	\$ 521	\$ 529	\$ 448	\$ 663	\$ 453	\$ 520	\$ 553	\$ 613	\$ 498	\$ 493	\$ 432	\$ 6,359	\$ 6,368	(10)
CONSTRUCTION EXPENDITURES															
Garvee Expenditures	(32)	(35)	(31)	(31)	(77)	(34)	(30)	(29)	(38)	(50)	(60)	(55)	(503)	\$ (476)	(27)
Garvee Debt Service	-	(24)	-	-	0	-	-	(128)	-	-	-	-	(152)	(152)	0
Division of Mitigation Services (Formerly EEP)	(0)	(5)	(0)	(0)	(2)	(6)	-	-	(4)	-	-	(20)	(38)	(36)	(2)
BUILDNC Expenditures	(19)	(21)	(25)	(27)	(52)	(38)	(36)	(35)	(33)	(40)	(39)	(42)	(407)	(401)	(6)
BUILDNC Debt Service	-	-	-	-	(7)	-	-	-	-	-	(48)	-	(54)	(48)	(7)
Strategic Transportation Initiative	(145)	(97)	(110)	(144)	(116)	(70)	(58)	(49)	(49)	(50)	(52)	(57)	(996)	(943)	(54)
NC Mobility Fund	0	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	0	0	(0)
TIP	(57)	(74)	(53)	(27)	46	(88)	(59)	(107)	(86)	(86)	(94)	(101)	(788)	(929)	142
TIP - Infragrant	(0)	(12)	(7)	(5)	(12)	(6)	(9)	(9)	(8)	(9)	(8)	(7)	(92)	(86)	(6)
Other Construction - Secondary Roads	(0)	(0)	(0)	(0)	(0)	(1)	(1)	(2)	(1)	(1)	(1)	(1)	(10)	(10)	0
Other Construction - Spot Safety Improvements	(1)	(0)	(1)	(0)	(0)	(4)	(3)	(5)	(4)	(4)	(4)	(4)	(30)	(30)	0
Other Construction - Contingency	(0)	0	(1)	(0)	(0)	(4)	(3)	(5)	(4)	(4)	(4)	(5)	(30)	(30)	0
Other Construction - Mobility/Modernization	(1)	(1)	(3)	(1)	(1)	(3)	(2)	(4)	(3)	(3)	(4)	(4)	(30)	(30)	0
Turnpike Authority	(1)	(1)	(0)	(1)	(1)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(5)	(4)	(1)
Internal Orders	3	(1)	3	(5)	(6)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(13)	(8)	(5)
Congestion Mitigation & Air Quality (CMAQ)	(3)	(3)	(3)	(5)	(2)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(34)	(34)	0
Total Construction	\$ (257)	\$ (275)	\$ (230)	\$ (248)	\$ (230)	\$ (260)	\$ (204)	\$ (376)	\$ (233)	\$ (251)	\$ (317)	\$ (301)	\$ (3,182)	(3,217)	35

Approved Spend Plan Versus Adjusted Spend Plan

	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	SFY 2021	Approved 12/2/20	
	1	2	3	4	5	6	7	8	9	10	11	12	Adjusted Workplan	SFY 2021 Work Plan	Delta
MAINTENANCE EXPENDITURES															
General Maintenance Reserve	\$ (30)	\$ (27)	\$ (30)	\$ (32)	\$ (22)	\$ (29)	\$ (38)	\$ (32)	\$ (35)	\$ (33)	\$ (37)	\$ (46)	\$ (391)	\$ (391)	0
Contract Resurfacing	(35)	(29)	(23)	(21)	(21)	(46)	(26)	(17)	(26)	(61)	(86)	(84)	(475)	(475)	0
Roadside Environmental	(7)	(7)	(7)	(7)	(7)	(6)	(8)	(7)	(8)	(7)	(8)	(10)	(90)	(90)	0
Pavement Preservation	(8)	(4)	(6)	(4)	(4)	(6)	(7)	(6)	(7)	(6)	(7)	(9)	(75)	(75)	0
Bridge Program	(12)	(10)	(9)	(7)	(8)	(21)	(27)	(23)	(25)	(23)	(27)	(33)	(225)	(225)	0
Bridge Preservation	(6)	(4)	(5)	(6)	(3)	(4)	(5)	(5)	(5)	(5)	(5)	(7)	(60)	(60)	0
Undeclared Disasters including Snow & Ice		-		(0)	(0)	(11)	(14)	(12)	(13)	(12)	(14)	(17)	(94)	(94)	0
Disaster Funding - FEMA	(2)	(5)	(3)	(5)	(6)	(3)	(5)	(4)	(4)	(4)	(4)	(5)	(50)	(50)	0
Total Maintenance	\$ (100)	\$ (85)	\$ (83)	\$ (82)	\$ (71)	\$ (127)	\$ (132)	\$ (105)	\$ (124)	\$ (151)	\$ (188)	\$ (211)	\$ (1,460)	(1,460)	0
OTHER MODES															
Public Transportation	\$ (9)	\$ (5)	\$ (4)	\$ (4)	\$ (6)	\$ (25)	\$ (9)	\$ (16)	\$ (20)	\$ (24)	\$ (20)	\$ (29)	\$ (171)	\$ (186)	15
Public Transportation-New Starts						(1)	(15)	(9)	(1)	(2)	(1)	(9)	(37)	(37)	1
Ferry Operations	(3)	(5)	(3)	(5)	(3)	(6)	(6)	(5)	(5)	(5)	(5)	(10)	(61)	(65)	4
Railroad program	(5)	(3)	(2)	(2)	(2)	(8)	(9)	(9)	(9)	(9)	(8)	(38)	(105)	(111)	7
Airports	(17)	(19)	(33)	(22)	(6)	(25)	(14)	(6)	(27)	(14)	(15)	(42)	(242)	(244)	2
Total Other Modes	\$ (34)	\$ (32)	\$ (42)	\$ (34)	\$ (17)	\$ (65)	\$ (53)	\$ (45)	\$ (63)	\$ (53)	\$ (50)	\$ (128)	\$ (615)	(643)	28
OTHER EXPENDITURES															
Administration	\$ (18)	\$ (23)	\$ (22)	\$ (26)	\$ (24)	\$ (16)	\$ (24)	\$ (33)	\$ (27)	\$ (33)	\$ (27)	\$ (32)	\$ (305)	\$ (310)	6
Transfers to Other State Agencies	(2)	(0)	(17)	(2)	(0)	(16)	-	-	(16)	-	-	(16)	(69)	(69)	(0)
Transfers to General Fund/NCTA/ER Fund		(12)			(12)			(12)			(12)		(49)	(49)	0
State aid to municipalities			(66)		(1)	(66)							(133)	(132)	(1)
Debt Service															0
Other Programs	(1)	(3)	(2)	(2)	(3)	(2)	(1)	(1)	(1)	(1)	(1)	(2)	(20)	(19)	(1)
Total Other Expenditures	\$ (21)	\$ (38)	\$ (107)	\$ (30)	\$ (40)	\$ (99)	\$ (25)	\$ (47)	\$ (44)	\$ (34)	\$ (41)	\$ (50)	\$ (576)	(579)	3
TOTAL EXPENDITURES	\$ (412)	\$ (430)	\$ (462)	\$ (394)	\$ (359)	\$ (551)	\$ (413)	\$ (573)	\$ (464)	\$ (489)	\$ (596)	\$ (689)	\$ (5,833)	(5,839)	67
OTHER CHANGES IN CASH															
Working capital changes	\$ (55)	\$ 92	\$ (28)	\$ 32	\$ 6	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			
	(55)	92	(28)	32	6	-	-	-	-	-	-	-			
NET CHANGE IN CASH	\$ 168	\$ 183	\$ 39	\$ 87	\$ 310	\$ (98)	\$ 107	\$ (21)	\$ 149	\$ 9	\$ (103)	\$ (257)			
CLOSING CASH BALANCE	\$ 434	\$ 617	\$ 656	\$ 743	\$ 1,053	\$ 955	\$ 1,062	\$ 1,041	\$ 1,191	\$ 1,200	\$ 1,097	\$ 839			

Approved Spend Plan Versus Actuals July – November 2020

Source: FPC/Baseline Forecast/Clark Model SFY2021_Spend Plan Amendment

	12/2/20 Approved Baseline Forecast				Actuals				% Δ	\$ Δ
	1st Qtr	Oct-20	Nov-20	YTD	1st Qtr	Oct-20	Nov-20	YTD	YTD	YTD
	SFY2021	4	5	SFY2021	SFY2021	4	5	SFY2021	SFY2021	SFY2021
OPENING CASH BALANCE	\$ 266	\$ 656	\$ 743		\$ 266	\$ 656	\$ 743			
REVENUES										
State revenues	\$ 1,087	\$ 324	\$ 318	\$ 1,729	\$ 1,087	\$ 324	\$ 305	\$ 1,717	-1%	\$ (12)
Federal aid	315	81	71	467	315	81	90	485	4%	18
Federal aid - InfraGrant	15	5	16	36	15	5	0	20	-44%	(16)
Turnpike Federal Aid	2	0		2	2	0	0	2	7%	0
Other	55	16	16	86	55	16	12	82	-5%	(4)
	1,473	426	421	2,320	1,473	426	408	2,306	-1%	(13)
GARVEE REIMBURSEMENT FROM TRUSTEE	69	23	61	152	69	23	55	146	-4%	(6)
BUILDNC REIMBURSEMENT FROM TRUSTEE	144	-	172	317	144	-	200	344	9%	28
TOTAL REVENUES & OTHER RECEIPTS	\$ 1,686	\$ 448	\$ 654	\$ 2,788	\$ 1,686	\$ 448	\$ 663	\$ 2,797	0%	\$ 9
CONSTRUCTION EXPENDITURES										
Garvee Expenditures	(99)	(31)	(50)	(180)	(99)	(31)	(77)	(207)	15%	(27)
Garvee Debt Service	(24)	-	-	(24)	(24)	-	0	(24)	0%	0
Division of Mitigation Services (Formerly EEP)	(6)	(0)	-	(6)	(6)	(0)	(2)	(8)	39%	(2)
BUILDNC Expenditures	(65)	(27)	(46)	(138)	(65)	(27)	(52)	(144)	4%	(6)
BUILDNC Debt Service	-	-	-	-	-	-	(7)	(7)		(7)
Strategic Transportation Initiative	(352)	(144)	(75)	(571)	(352)	(144)	(116)	(612)	7%	(41)
NC Mobility Fund	0	(0)	-	0	0	(0)	(0)	0	0%	(0)
TIP	(184)	(27)	(96)	(307)	(184)	(27)	46	(165)	-46%	142
TIP - Infragrant	(19)	(5)	(5)	(30)	(19)	(5)	(12)	(36)	21%	(6)
Other Construction - Secondary Roads	(1)	(0)	(1)	(2)	(1)	(0)	(0)	(1)	-52%	1
Other Construction - Spot Safety Improvements	(2)	(0)	(4)	(6)	(2)	(0)	(0)	(2)	-59%	3
Other Construction - Contingency	(1)	(0)	(4)	(5)	(1)	(0)	(0)	(1)	-81%	4
Other Construction - Mobility/Modernization	(5)	(1)	(3)	(9)	(5)	(1)	(1)	(6)	-30%	3
Turnpike Authority	(2)	(1)	(0)	(4)	(2)	(1)	(1)	(4)	18%	(1)
Internal Orders	5	(5)	(1)	(1)	5	(5)	(6)	(6)	339%	(5)
CMAQ	(9)	(5)	(3)	(17)	(9)	(5)	(2)	(17)	-1%	0
Total Construction	\$ (762)	\$ (248)	\$ (288)	\$ (1,298)	\$ (762)	\$ (248)	\$ (230)	\$ (1,240)	-4%	\$ 58

YTD Variance – 10%-20% Highlighted in Orange

20%+ Highlighted in Red

Approved Spend Plan Versus Actuals July – November 2020

Source: FPG/Baseline Forecast/Cash Model SFY2021_Spend Plan Amendment

	12/2/20 Approved Baseline Forecast				Actuals				% Δ	\$ Δ
	1st Qtr	Oct-20	Nov-20	YTD	1st Qtr	Oct-20	Nov-20	YTD	YTD	YTD
	SFY2021	4	5	SFY2021	SFY2021	4	5	SFY2021	SFY2021	SFY2021
MAINTENANCE EXPENDITURES										
General Maintenance Reserve	\$ (87)	\$ (32)	\$ (32)	\$ (151)	\$ (87)	\$ (32)	\$ (22)	\$ (141)	-7%	\$ 10
Contract Resurfacing	(87)	(21)	(63)	(171)	(87)	(21)	(21)	(129)	-25%	\$ 42
Roadside Environmental	(21)	(7)	(7)	(35)	(21)	(7)	(7)	(35)	-1%	\$ 1
Pavement Preservation	(18)	(4)	(6)	(29)	(18)	(4)	(4)	(26)	-9%	\$ 2
Bridge Program	(31)	(7)	(22)	(60)	(31)	(7)	(8)	(46)	-23%	\$ 14
Bridge Preservation	(15)	(6)	(5)	(25)	(15)	(6)	(3)	(24)	-5%	\$ 1
Undeclared Disaster Funding Including Snow and Ice	-	(0)	(11)	(11)	-	(0)	(0)	(0)	-98%	\$ 11
Disaster Funding - FEMA	(10)	(5)	(4)	(19)	(10)	(5)	(6)	(20)	10%	(2)
Total Maintenance	\$ (269)	\$ (82)	\$ (151)	\$ (502)	\$ (269)	\$ (82)	\$ (71)	\$ (422)	-16%	\$ 80
OTHER MODES										
Public Transportation	\$ (18)	\$ (4)	\$ (21)	\$ (43)	\$ (18)	\$ (4)	\$ (6)	\$ (28)	-35%	\$ 15
Public Transportation - New Starts	-	0	(1)	(1)	-	0	0	0	-100%	\$ 1
Ferry Operations	(11)	(5)	(8)	(24)	(11)	(5)	(3)	(20)	-18%	\$ 4
Railroad program	(10)	(2)	(8)	(21)	(10)	(2)	(2)	(14)	-31%	\$ 7
Airports	(69)	(22)	(8)	(100)	(69)	(22)	(6)	(98)	-2%	\$ 2
Total Other Modes	\$ (108)	\$ (34)	\$ (46)	\$ (188)	\$ (108)	\$ (34)	\$ (17)	\$ (159)	-15%	\$ 28
OTHER EXPENDITURES										
Administration	\$ (63)	\$ (26)	\$ (30)	\$ (118)	\$ (63)	\$ (26)	\$ (24)	\$ (113)	-5%	\$ 6
Transfers to Other State Agencies	(19)	(2)	-	(22)	(19)	(2)	(0)	(22)	2%	(0)
Transfers to General Fund/NCTA - GAP Funds	(12)	-	(12)	(25)	(12)	0	(12)	(25)	0%	-
State aid to municipalities	(66)	-	-	(66)	(66)	0	(1)	(66)	1%	(1)
Debt Service	-	-	-	-	-	0	0	-	-	-
Other Programs	(6)	(2)	(1)	(9)	(6)	(2)	(3)	(10)	14%	(1)
Total Other Expenditures	\$ (166)	\$ (30)	\$ (44)	\$ (240)	\$ (166)	\$ (30)	\$ (40)	\$ (236)	-1%	\$ 3
TOTAL EXPENDITURES	\$ (1,305)	\$ (394)	\$ (529)	\$ (2,227)	\$ (1,305)	\$ (394)	\$ (359)	\$ (2,057)	-8%	\$ 170
OTHER CHANGES IN CASH										
Working capital changes	\$ 9	\$ 32		\$ 42	\$ 9	\$ 32	\$ 6	\$ 48	15%	\$ 6
	\$ -	\$ 32	\$ -	\$ -	\$ 9	\$ 32	\$ 6	\$ 48		
NET CHANGE IN CASH	\$ 390	\$ 87	\$ 125	\$ 603	\$ 390	\$ 87	\$ 310	\$ 787	31%	\$ 185
CLOSING CASH BALANCE	656	743	868		656	743	1,053			

YTD Variance – 10%-20% Highlighted in Orange

20%+ Highlighted in Red

Spend Plan Variance

- GARVEE Expenditures, Build NC Expenditures, TIP and STI -6% Variance (-\$68M). Project lettings were delayed during budget restrictions.
- Contract Resurfacing -25% Variance (-\$42M). Have developed aggressive letting schedules for new contracts through fall and spring. Will provide over \$500M in new contractual opportunities and increase monthly expenditures during late SFY 2021 and through SFY 2022. Fall contract lettings will be available March 1, 2021 and spring contract lettings will be available July 1, 2021.
- Bridge Program -23% (-\$14M). As cash has improved have developed aggressive letting schedules for spring and fall 2021. Will provide over \$400M in new contracts and increase monthly expenditures during late SFY 2021 and through SFY 2022.
- Undeclared Disasters -98% (-\$11M). Snow and ice response is the primary driver of expenditures. Ideal scenario would be to experience actuals below established targets for the fiscal year. This would allow a potential redistribution of un-used spending authority for other maintenance needs across the state.

Spend Plan Variance

- Integrated Mobility Division -35% (-\$15M)
 - Due to initial spending restrictions, FY21 FTA Grants that involved state match were delayed. Agreements have now been released. Many involve bus procurement and/or facility construction and anticipate expenditures to increase toward end of state fiscal year
 - State funded programs that were held back are now released:
 - Consolidation and Coordination of Public Transportation (ConCPT)
 - Transportation Demand Management (TDM)
- Railroad Program -31% Variance (-\$7M)P
 - Due to previous spending restrictions, federal project approvals were delayed for first half of SFY 2021. Projects are proceeding now based on Federal or local project development timelines. Expect expenditures to increase in third quarter of SFY 2021.
 - Many rail projects, including FRRCSI, were previously on hold and are now being advanced. Expect expenditures to increase in third quarter of SFY 2021.



North Carolina Department of Transportation
Materials and Tests Unit – Product Evaluation Program
Innovative Technologies and Products Awareness Report
January 6th, 2021



PRODUCT HIGHLIGHT – RED 104OG and 104OGA



*Samples of Silica Fume – images
from R-E-D website*

RED 104OG and 104OGA are Silica Fume products manufactured by Reliable, Efficient, Dependable (R-E-D) Industrial Products out of Burnsville, Mississippi and Montgomery, Alabama. They are currently approved for use on the Approved Products List (APL) as NP19-8575 (RED 104OG), and NP19-8576 (104OGA). Silica Fume products are mainly used as a pozzolanic material in high performance concrete applications, and where greater resistance to chloride penetration is needed, such as parking structures, bridges, and bridge decks. These products enhance the concrete's compressive strength and durability, while reducing permeability, porosity, viscosity, and the set time of cement-based materials. Both products are comprised of 100% recycled materials using off gases from silicon metal and ferrosilicon alloy production high in SiO₂ to produce a value-added product from a waste stream. For more information, please visit: www.redindustrialproducts.com

PRODUCT INNOVATION – USCP Steel Reinforced Polymer Manholes



*Installation of USCP Steel Reinforced Polymer
Manhole – photograph from USCP website*

The USCP Steel Reinforced Polymer Manhole is manufactured by U.S. Composite Pipe, Inc. out of Alvarado, Texas. It is currently listed as under evaluation on the APL as NP19-8573. Polymer concrete manholes are used in corrosive environments without the need for a coating or liner to protect them. They can be installed in field conditions with a pH range of 1 to 13, and have a typical design compressive strength of 9,000 psi. The USCP Steel Reinforced Polymer Manhole is available in a range of diameters from 48" to 192". They can be field cored should additional lines be needed later, and the tops are HS-20 rated. For more information, please visit: www.uscompositепipe.com/manholes/



ADVANCED TECHNOLOGY COMMITTEE MEETING MINUTES

DATE: October 7, 2020 **TIME:** 3:00 pm **LOCATION:** Microsoft Virtual Teams Meeting

MEETING CALLED BY	Vice-Chair Jordan
BOARD ATTENDEES	Chairman Landon Zimmer, Vice-Chairwoman Valerie Jordon, Tony Lathrop, Dirk Cody, Andy Wells, Billy Clarke, Chuck McGrady

AGENDA TOPICS

<p>1. CALL TO ORDER, ROLL CALL, DECLARATION OF QUORUM, NON-CONFLICT STATEMENT AND CONSIDERATION OF THE DECEMBER 5, 2019 AND FEBRUARY 6, 2020 MINUTES – VICE-CHAIR JORDAN</p>	
<p>DISCUSSION SUMMARY</p>	<p>Vice-Chair Jordan stated for members that given the circumstances surrounding COVID-19 and the change in law related to public meetings, the meeting will include the following:</p> <ul style="list-style-type: none"> • <i>implementing a roll call voting system for all actions</i> • <i>ensuring that the meeting minutes of the remote meeting reflect that the meeting was conducted by use of simultaneous communication, denoting the name of members participating by simultaneous communication, and recording when members join or leave the remote meeting</i> <p>Additionally, Vice-Chair Jordan stated that he/she would like to take this time to also remind members that all chats, instant messages, texts, or other written communications between members of the Board regarding the transaction of the public business during this remote meeting are deemed a public record</p> <p>Vice-Chair Jordan called the meeting to order, conducted a roll call of members present, and declared a quorum was present.</p> <p>Vice-Chair Jordan read the non-conflict/ethics statement and asked if there were any known conflicts or appearances of conflicts of interest.</p> <p>Vice-Chair Jordan stated the meeting minutes were distributed prior to the meeting, and if there are no additions or corrections, the Chair would accept a motion that the minutes from the December 5, 2019 and February 6, 2020 meeting be approved as submitted.</p>
<p>ACTIONS TAKEN</p>	<p>Vice-Chair Jordan asked for a motion to approve the December 5, 2019 and February 6, 2020 meeting minutes.</p> <p>Board member Zimmer made the motion to approve the minutes and Board member Cody provided the second.</p> <p>Vice-Chair Jordan took a roll call vote. Members Chairman Landon Zimmer, Tony Lathrop, Dirk Cody, Andy Wells, Billy Clarke, Chuck McGrady individually voted in</p>



ADVANCED TECHNOLOGY COMMITTEE MEETING MINUTES

	<p>favor of approving the December 5, 2019 and February 6, 2020 meeting minutes. Minutes were approved unanimously.</p>
<p>2. PRESENTER VICE-CHAIRWOMAN, VALERIE JORDAN – COMMITTEE OVERVIEW AND PLANNING SESSION</p>	
DISCUSSION SUMMARY	<p>An overview was presented on the events of the Advanced Technology Committee and its future. There was excitement around the use of drone technology used for medicine delivery through WakeMed Hospital.</p> <p>The IVP implemented by the Aviation Division on how to manage air space 25 ft. and below was highlighted as well as being one of ten groups to receive waivers for tracking traffic patterns.</p> <p>There have been conversations around expanding the drone efforts to deliver food in the future and for transportation innovation companies to standardize drones and be strategic.</p> <p>Vice-Chair Jordan asked that a survey be sent to the ATC board members to collect any new ideas for the ATC for the future.</p>
ACTIONS TAKEN	None Taken
<p>3. PRESENTER CHIEF DEPUTY SECRETARY, DAVID HOWARD – ATC 12-24 MONTH RECAP</p>	
DISCUSSION SUMMARY	<p>Chief Deputy Secretary David Howard explained the Advanced Technology Committee to new board members and how the committee started based on Secretary Trogdon’s future vision.</p> <p>An overview was given of the ATC survey and the NCDOT’s revised STIC program, Emerging Technologies Program, and areas of future interest.</p> <p>The NC-TIC mission, the different center structures, and an overview of the “Building a Culture of Innovation” poster was explained to the ATC board.</p>
ACTIONS TAKEN	None Taken
<p>4. PRESENTERS NEIL MASTIN, RESEARCH & DEVELOPMENT MANAGER, KRISTAL HIGH, INDUSTRY PARTNERSHIP CONSULTING, REBECCA GALLAS, STAFF ENGINEER AND CLAIRE FULLERTON, VALUE MANAGEMENT PROGRAM ENGINEER – PREVIEW ON VIRTUAL RESEARCH & INNOVATION SUMMIT</p>	
DISCUSSION SUMMARY	<p>Mr. Mastin discussed components of NCDOT Research Program’s and engaging university resources and pushing boundaries with academia.</p> <p>He highlighted the Center of Excellence and Award programs and gave an update on TCE activities which have slowed due to the Covid-19 pandemic.</p>



ADVANCED TECHNOLOGY COMMITTEE MEETING MINUTES

	<p>The Innovation Virtual Summit was mentioned; scheduled for October 13th and 14th. He encouraged participants to attend for the virtual summit which is free and will have a multitude of topics.</p> <p>Ms. Rebecca Gallas discussed the FHWA Everyday Counts – Six Biannual Program for 2021-2022, which is a state-based model to identify and deploy proven but underutilized innovations.</p> <p>Ms. Gallas highlighted STIC and AID Demo which are also FHWA Innovation Funding Programs.</p> <p>Ms. Claire Fullerton gave an overview of CLEAR which is an internally developed knowledge management program that gives voice to every NCDOT employee.</p> <p>Mrs. Kristal High gave an overview of the MITTI report, which is a baseline of information on how minorities are currently involved in the transportation industry, identifies opportunities for NCDOT, partners from academia, private industry and other stakeholders to prioritize their work of cohesively diversifying the transportation industry in North Carolina.</p>
ACTIONS TAKEN	None Taken
5. OTHER DISCUSSION: DAVID HOWARD, NCDOT CHIEF DEPUTY SECRETARY	
DISCUSSION SUMMARY	Chief Deputy Secretary David Howard discussed how the Office of Civil Rights is encouraging small minority businesses to do business with NCDOT.
ACTIONS TAKEN	None Taken
6. Adjournment	
ACTIONS TAKEN	Meeting Adjourned at 3:53 pm



ADVANCED TECHNOLOGIES COMMITTEE (ATC) AGENDA

BOARD OF TRANSPORTATION
JANUARY 6, 2021

TIME: 2:45 PM

Members of the Board will participate in the meeting via Microsoft Teams.
Members of the public may listen to the meeting by clicking the following link: <https://livestream.com/nc-dot>

TOPIC	PRESENTER	TIME
Call to Order Roll Call Declaration of Quorum Approval of October 7, 2020 Meeting Minutes	Landon Zimmer, Chair	2:45-2:50
Transformational Technology in Transportation	JJ Eden, North Carolina Turnpike Executive Director	2:50-3:25
Question & Answer Discussion	JJ Eden, North Carolina Turnpike Executive Director	3:25-3:40
Adjourn	Landon Zimmer, Chair	3:40-3:45

Transformational Technology in Transportation

J.J. Eden



NORTH CAROLINA

Turnpike Authority





I·PASS



The background features a dark blue field with a subtle, light blue hexagonal grid pattern. Overlaid on this are several dynamic, glowing trails of small particles in shades of light blue and green, which appear to be moving or vibrating across the frame.

540 Electronic Submittals

Electronic Submittals



First in the state to utilize
all-electronic submittals

Makes the project delivery
process faster and more efficient

Virtual Meetings



The New Normal

**Overnight Move
to Virtual**



“

That was a very nicely managed webex. The facilitation and instructions were clear and to the point. Very well managed on task.

”

Wrong-Way Vehicle Detection

LaneAlert 2x™

LaneAlert 2x™ Series 1 PFT
Pavement Marking





HONG HAY

HONG HAY

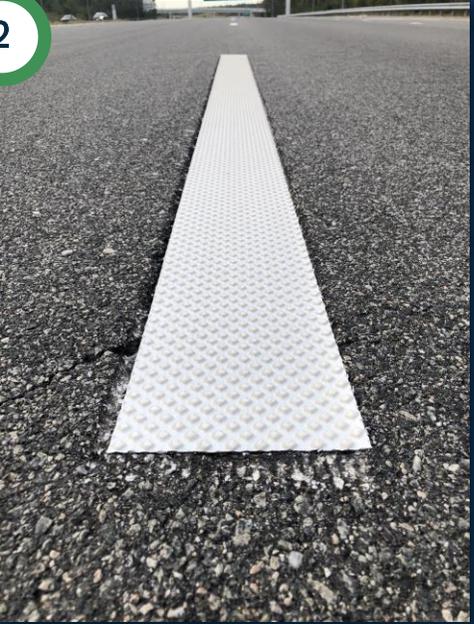
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1



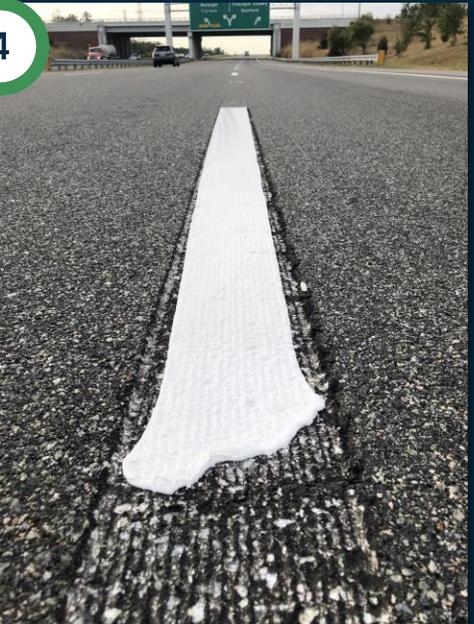
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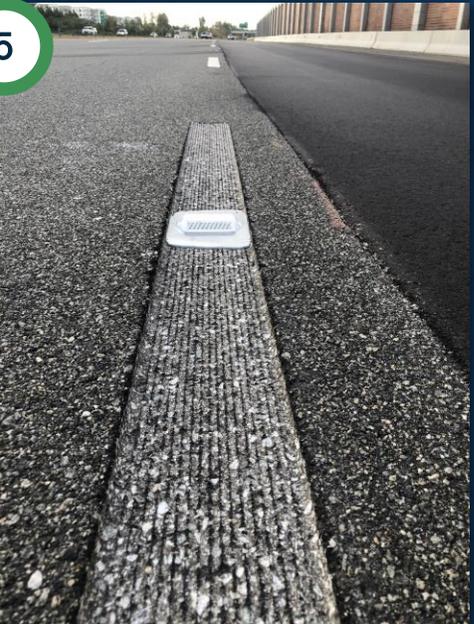
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4



5



6



Technology & Data

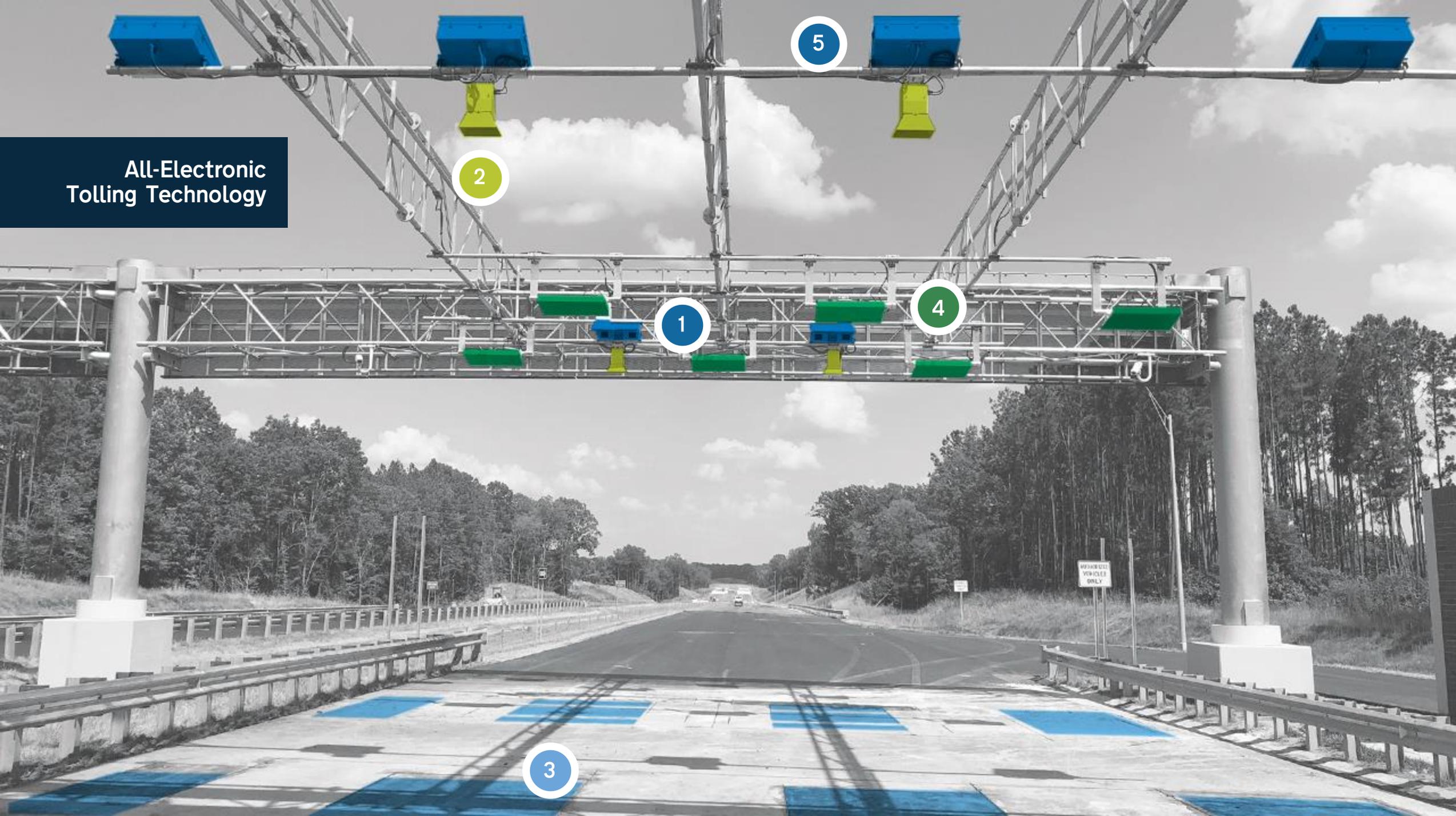








All-Electronic Tolling Technology



2

5

1

4

3

Connected Vehicle Data





Data pulled every 3 seconds

From ignition on to ignition off

300,000 vehicles in North Carolina

Current market share



Instant Data

Non-intrusive data collection without expensive “tube” or “clicker” counts



Immediate Detection

Identify real time events without expensive roadside infrastructure



Data Share

Can be augmented by multiple vendors to validate data for traffic planning and operations



Old Ranch Golf Course

Copa de Oro Dr

Walker Lee Dr

Brimhall Dr

Martha Ann Dr

I 405 North HOV

I 405 South HOV

N Gate Rd

Building 272, Mutual 11

Building 268, Mutual 11

Building 262, Mutual 11

Building 62, Mutual 12

Mutual 10

Chubby Ln

Hillrose Dr

Foster Rd

Druid Ln

N Gate Rd

Building 277, Mutual 11

Building 279, Mutual 11

Building 286, Mutual 11

Building 43, Mutual 12

Building 44, Mutual 12

Tigertail Dr

Hillrose Dr

Druid Ln

Rowena Dr

Yellowtail Dr

N Gate Rd

Building 40, Mutual 15

Building 284, Mutual 11

Building 39, Mutual 12

Building 34, Mutual 12

Building 33, Mutual 14

Hillrose Dr

Silver Fox Rd

Druid Ln

Rowena Dr

Yellowtail Dr

N Gate Rd

Building 34, Mutual 15

Building 29, Mutual 15

Building 14, Mutual 15

Building 19, Mutual 15

Building 10, Mutual 15

Rowena Dr

Yellowtail Dr

Old Ranch Pkwy

Spaghetti Grill & Jazz Club

Ayres Hotel Seal Beach

OCFA Station 48

Building 50, Mutual 15

Building 28, Mutual 15

Building 35, Mutual 12

Building 9, Mutual 15

Seal Beach Blvd

Lampson Ave

Lampson Ave

Lampson Ave

San Diego Fwy

Building 45, Mutual 15

Building 48, Mutual 15

Building 26, Mutual 11

Building 43, Mutual 12

Building 66, Mutual 12

Lampson Ave

Lampson Ave

San Diego Fwy

Building 278, Mutual 11

Building 28, Mutual 15

Building 13, Mutual 15

Building 12, Mutual 15

Building 10, Mutual 15

Basswood St

Seal Beach Tennis Court

San Diego Fwy

Building 272, Mutual 11

Building 29, Mutual 15

Building 14, Mutual 15

Building 19, Mutual 15

Building 10, Mutual 15

11/25/19

17:00:05pm

11/25/19 05:59:59

11/25/19 05:59:59

0.1x

Integrated Data Platforms





How should we manage data?

- Capture unstructured and structure in real time
- Customer comments
- System health
- Vehicle data (including speed)
- Customer inquiries



How do you make sense of the data?

- Interoperability for data
- Tailor data to individual needs from non-compatible systems
- Many traffic and customers into one view to increase mobility options
- Run reports in minutes not hours/days, weeks or months

1

Only retrieve and keep
the data needed

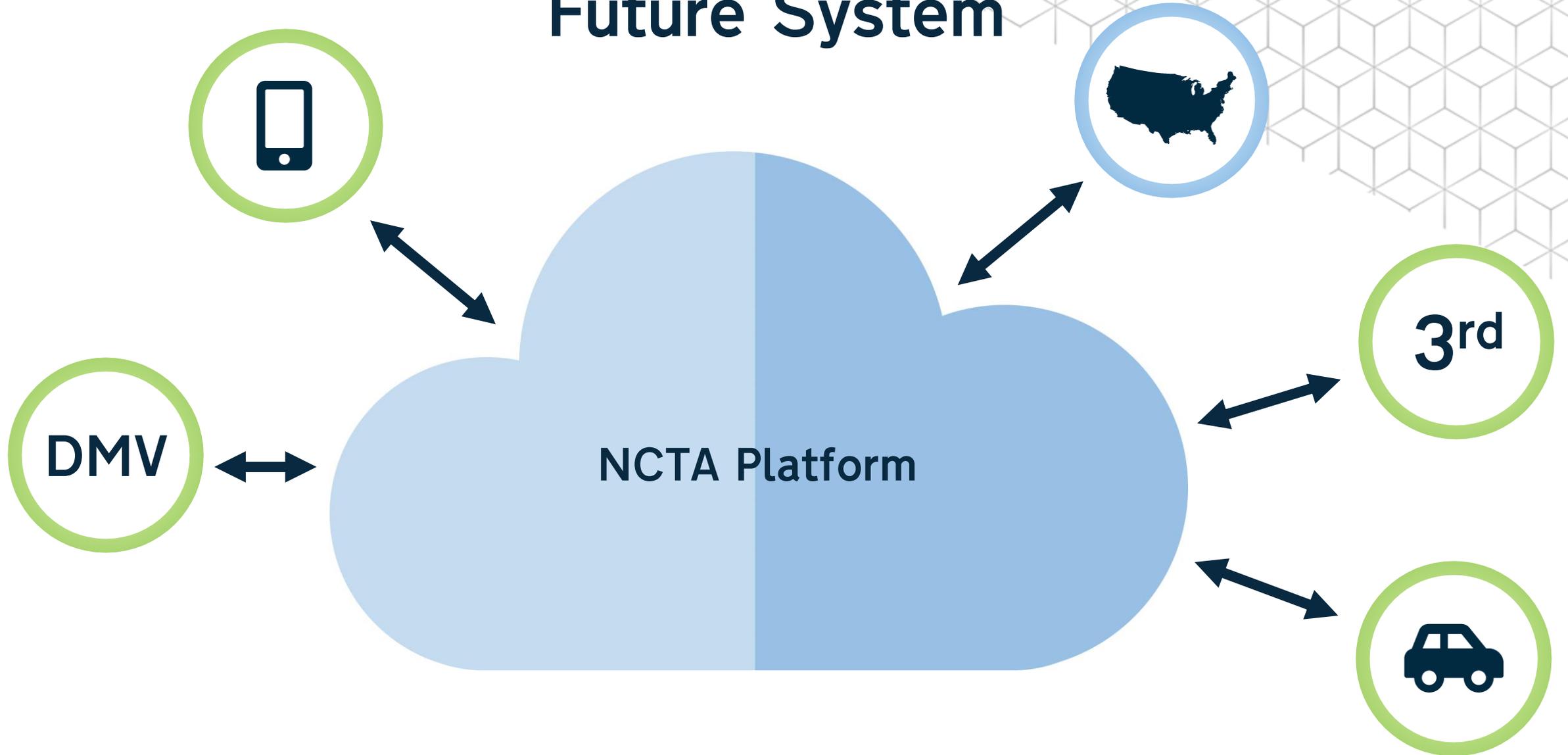
2

Reduces routine and
repetitive work that
is prone to error

3

Provide single source of
data to all users
(Allows reports to dynamically
change as business needs change)

Future System



Pilot Programs





Dec 15, 2020 06:00AM Eastern Standard
Time

Store: Circle K 2701403
Address: 4019 Davis Dr
Morrisville NC 27560
Pump: 9
AmericanExpress

Description	Unit price	Qty	Currency	Amount
	\$1.99	11.199	USD	\$22.39
			Subtotal	\$22.39
			Tax	\$0.00
			Total	\$22.39

Transaction ID: 3c0f38

Authorization Code:

Thank you for your business!

Please do not reply to this email. If you have questions please go to our [customer support](#) page.

Transponder Fulfillment





Renewable Energy

Data centers estimated to be self-sustaining by 2040



Robot Technology

100,000 robots & 125,000 employees



Fast Shipments

1,100 packages shipped per minute





Mileage-Based User Fee



Offsetting the Gas Tax

Vehicle Technology





Order 4 large coffees.

Contact Us



ncdot.gov/turnpike

ncquickpass.com



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[@NC_QuickPass](https://twitter.com/NC_QuickPass)



Thank you!



DRAFT

AUDIT COMMITTEE MEETING MINUTES

DATE: 12/2/2020 **TIME:** 11:30am **LOCATION:** Via Microsoft Teams

MEETING CALLED BY	Chair Perkins
BOARD ATTENDEES	Andy Perkins, Mike Fox, Allen Moran, Andy Wells, Landon Zimmer, Brad Lail, Tony Lathrop, Chuck McGrady

AGENDA TOPICS

1. Call to Order, Roll Call, Declaration of Quorum, Non-Conflict Statement and Consideration of the November 4, 2020 Meeting Minutes – Chair Perkins	
DISCUSSION SUMMARY	<p>Chair Perkins stated for members that given the circumstances surrounding COVID-19 and the change in law related to public meetings, the meeting will include the following:</p> <ul style="list-style-type: none"> • <i>implementing a roll call voting system for all actions</i> • <i>ensuring that the meeting minutes of the remote meeting reflect that the meeting was conducted by use of simultaneous communication, denoting the name of members participating by simultaneous communication, and recording when members join or leave the remote meeting</i> <p>Additionally, Chair Perkins stated that he would like to take this time to also remind members that all chats, instant messages, texts, or other written communications between members of the Board regarding the transaction of the public business during this remote meeting are deemed a public record.</p> <p>Chair Perkins called the meeting to order, conducted a roll call of members present, and declared a quorum was present.</p> <p>Chair Perkins read the non-conflict/ethics statement and asked if there were any known conflicts or appearances of conflicts of interest.</p> <p>Chair Perkins stated the meeting minutes were distributed prior to the meeting, and if there are no additions or corrections, the Chair would accept a motion that the minutes from the November 4, 2020 meeting be approved as submitted.</p>
ACTIONS TAKEN	<p>Chair Perkins asked for a motion to approve the November 4, 2020 meeting minutes.</p> <p>Board member Moran made the motion to approve the minutes and Board member Lathrop provided the second.</p> <p>Chair Perkins took a roll call vote. Members McGrady, Lathrop, Lail, Zimmer, Wells, Moran, Fox and Perkins individually voted in favor of approving the minutes and the November 4, 2020 minutes were approved unanimously.</p>
2. OIG Updates – Mary Morton	



DRAFT

AUDIT COMMITTEE MEETING MINUTES

DISCUSSION SUMMARY

Mary Morton provided the Committee an update on audit engagements listed on the Internal Audit and Single Audit Compliance status report as follows:

Highway Planning & Construction (Pre-Award) – audit is in the final stages and a meeting is scheduled this week to discuss the findings with the Chief Engineer's office. The audit focused on the following pre-award processes and related controls for division let projects, division on-call purchase order contracts and division limited services purchase order contracts (professional services):

Division Let Projects/Purchase Order On-Call Contracts

- Project authorized and funded prior to bidding
- Projects within division threshold for letting
- Existence and preparation of in-house engineer's estimate prior to bid opening
- Projects publicly advertised for required minimum time
- Completeness of information included in advertisements
- Receipt of bids by the specified date/time
- Bids sealed and secured until bid opening date/time
- Prequalification of bidders
- Bid opening, recording and review procedures
- Publishing of bid results
- DBE/MBE/WBE goals being met;
- Good Faith Effort process
- DBE/Minority utilization

Limited Services Purchase Order Contracts

- Existence of scoping documents, in-house and firm estimates
- Approval thresholds for manday estimates
- Existence of Notice to Proceed, Subcontractor approval forms
- Central office approval of documentation
- DBE/Minority utilization

Heavy Equipment Utilization – findings are being finalized within the next two weeks and a meeting will be scheduled with management to discuss the findings. The audit focused on processes for identification of underutilized heavy equipment used in divisions and related justification to retain, transfer or dispose of equipment and the related controls.

Federal Grants -State Planning and Research RPO Program – findings are being finalized within the next two weeks and a meeting will be scheduled with management to discuss the findings. The audit focused on a review of indirect and direct costs charged to the program.

State-Street Aid - Powell Bill – on target for completion. The audit focused on allowable costs for a sample of municipalities.

Final audit reports will be provided to the Committee for discussion during the next Committee meeting.

Other audits in progress on target for completion (final review phase) – DMV Motor Fleet/Travel, State Grants-Rural Operating Assistance, Federal Grants-Non-Urbanized Formula – 5311



DRAFT

AUDIT COMMITTEE MEETING MINUTES

The following audits are scheduled to begin in December – Highway Construction – Change Management, Financial Management, CARES Act

- Staffing – recruitments efforts are in progress to add an additional auditor to the Internal Audit team.

Ms. Morton asked if Members had any questions. Chair Perkins inquired about design service contracts (limited services) and if the audit included a review of how these contracts are utilized and the related impact of extensions/renewals on potential participation by other businesses, such as DBEs. Ms. Morton provided the audit included a review purchase order contracts associated with limited services contracts and included an analysis of DBE participation on those contracts at the division level.

Chair Perkins inquired about where the agency is in terms of progress realized from the software package purchased approximately five years ago and the ability of the software to track minority participation. Chair Perkins stated the agency encourages minority participation and the software was to provide a mechanism to assist in tracking the data. Ms. Morton stated she would follow up and bring the information to the next Committee meeting.

In reference to audit progress, Member Wells stated the General Assembly will be meeting in six weeks which would present an opportunity for the Secretary to have conversations with Transportation Chairs about expanding the Internal Audit program. Member Wells stated additional resources are needed. Member Wells stated he is willing to facilitate in those efforts.

Chair Perkins stated the General Assembly reduced the number of audit positions in recent legislation. Chair Perkins stated upon demonstrating exceptional work in Internal Audit and clearing the backlog, the focus then would be on additional resources. Chair Perkins stated we can recruit through universities to supplement resources and should continue to do so with a more aggressive approach at the beginning of the year.

Member Fox stated Member Wells raised a good point in that the department does not have the resources it should have and there have been challenges in the past with filling vacant positions. Member Fox stated the Secretary agrees additional resources are needed with consideration given to contracting with outside firms.

Secretary Boyette stated additional staffing is needed to supplement the audit work. Secretary Boyette stated having served in the same role previously he also experienced challenges with hiring for skills needed and the challenges with competing with the private sector. Secretary Boyette informed Ms. Morton and the Committee he has approved funding for contracted services support.



DRAFT

AUDIT COMMITTEE MEETING MINUTES

ACTIONS TAKEN	NONE TAKEN
3. Closing – Chair Perkins	
DISCUSSION SUMMARY	Chair Perkins asked if there were any additional questions or matters for discussion. No additional matters or questions presented.
ACTIONS TAKEN	<p>Chair Perkins asked for a motion to adjourn the December 2, 2020 meeting.</p> <p>Board member Fox made the motion to adjourn the meeting and Board member McGrady provided the second.</p> <p>Chair Perkins took a roll call vote. Members McGrady, Lathrop, Lail, Zimmer, Wells, Moran, Fox and Perkins individually voted in favor of adjourning the meeting. The meeting was adjourned unanimously.</p>



AUDIT COMMITTEE MEETING AGENDA

BOARD OF TRANSPORTATION JANUARY 6, 2021

TIME: 9:00am

**Members of the Board will participate in the meeting via Microsoft Teams.
Members of the public may view the meeting by clicking on the following link:
<https://livestream.com/nc-dot>**

TOPIC	PRESENTER	TIME
Welcome Call to Order Roll Call Declaration of Quorum Approval of December 2, 2020 Meeting Minutes	Andy Perkins, Chair	2 minutes
OIG Activity Report	Mary Morton, NCDOT Inspector General	27 minutes
Adjourn	Andy Perkins, Chair	1 minute



FINANCE COMMITTEE MEETING MINUTES

DATE: Dec. 2, 2020 **TIME:** 1:00 PM **LOCATION:** NCDOT Board Room & virtual in Teams

MEETING CALLED BY	Chair Tony Lathrop
BOARD ATTENDEES	Chair Tony Lathrop, Vice Chair Billy Clarke, Allen Moran, Landon Zimmer, Valerie Jordan, Lisa Mathis, Brad Lail, Andy Wells, Chuck McGrady, Stephen Rosenburgh

AGENDA TOPICS

1. Call to Order, Roll Call, Declaration of Quorum, Non-Conflict Statement and Approval of the November 4, 2020 Meeting Minutes – Chair Lathrop	
DISCUSSION SUMMARY	<p>Chair Lathrop stated for members that given the circumstances surrounding COVID-19 and the change in law related to public meetings, the meeting will include the following:</p> <ul style="list-style-type: none"> • <i>implementing a roll call voting system for all actions</i> • <i>ensuring that the meeting minutes of the remote meeting reflect that the meeting was conducted by use of simultaneous communication, denoting the name of members participating by simultaneous communication, and recording when members join or leave the remote meeting</i> <p>Additionally, Chair Lathrop stated that he would like to take this time to also remind members that all chats, instant messages, texts, or other written communications between members of the Board regarding the transaction of the public business during this remote meeting are deemed a public record.</p> <p>Chair Lathrop called the meeting to order, conducted a roll call of members present, and declared a quorum was present.</p> <p>Chair Lathrop read the non-conflict/ethics statement and asked if there were any known conflicts or appearances of conflicts of interest.</p> <p>Chair Lathrop stated the meeting minutes were distributed prior to the meeting, and if there are no additions or corrections, the Chair would accept a motion that the minutes from the November 4, 2020 meeting be approved as submitted.</p>
ACTIONS TAKEN	<p>Chair Lathrop asked for a motion to approve the November 4, 2020 meeting minutes.</p> <p>Board member McGrady made the motion to approve the minutes and Board member Mathis provided the second.</p> <p>Chair Lathrop took a roll call vote. Members Lathrop, Clarke, Moran, Zimmer, Jordan, Mathis, Lail, Wells, McGrady and Rosenburgh individually voted in favor of approving the minutes and the November 4, 2020 minutes were approved unanimously.</p>



FINANCE COMMITTEE MEETING MINUTES

2. Financial and Spend Plan Update – Stephanie King, CFO

DISCUSSION SUMMARY	<p>Mrs. King began by informing the Committee the closing cash balance for November would be over \$1 billion. The closing cash balance for October was \$743 million. Areas that have contributed to this increase during November include over \$200 million of Build NC proceeds received from the trustee, getting more GARVEE reimbursements as projects gear back up and being aggressive in federal highway billings. The Department has sufficient cash to cover all accounts payable. Looking forward to December the second payment of Powell Bill (\$66.3 million) is scheduled and the next quarterly payment (\$11.25 million) to the State Port Authority will be made. She presented a slide that showed the breakdown of expenditures and noted the majority of DOT expenditures, or 67.3%, goes to payment to contractors.</p> <p>She also noted that with the higher cash balance, the Department will be required to report to the General Assembly when the average daily cash balance for the month is outside the target range of 15% - 20% of appropriations, or between \$535 million and \$713 million. She presented the 24 Month Forecast and noted that in a perfect world the cash balance would stay within the target range, however, she also acknowledged the difficulty of staying within that range. At the end of October the cash balance was above the range and projections indicate cash increasing to over \$1 billion.</p> <p>Mrs. King then presented the Approved Spend Plan Versus Actuals July – October. She stated the variance above 10% are highlighted in orange and the variances above 20% are highlighted in red. In the future, a narrative to explain the variances will be provided in the spend plan update.</p> <p>Mrs. King then asked the committee to consider an amendment to the October 8, 2020 Approved Spend Plan. As the cash balance increased and revenue numbers were revised, the Department saw additional capacity for the SFY 21 Spend Plan (between approval and June 30). As it takes time for business areas to reengage and get contracts underway, she noted the importance of timing. In addition, she stated that she was not proposing additional spending after June 30, 2021 (SFY 2022). The revised revenue numbers that Burt Tasaico and OSBM project include an additional \$382 million. The Department business areas have identified needs. Secretary Boyette decided to reserve some of that additional revenue potential (\$112 million) due to possible additional Covid impacts and interruptions with billing federal highway. Mrs. King requested to revise the October 8, 2020 DOT Spend Plan by \$270 million for SFY 2021.</p>
ACTIONS TAKEN	NONE TAKEN

3. Revenue Update – Burt Tasaico, PE, Director of Strategic Initiatives

DISCUSSION SUMMARY	<p>Mr. Tasaico presented how revenues are projecting in the future in relation to revenues that were approved in the October 8, 2020 Approved Spend Plan. He stated 75% of revenue comes from state funding and 25% comes from federal</p>
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FINANCE COMMITTEE MEETING MINUTES

	<p>funding. He provided an update on federal legislation – the federal government is currently operating under continuing resolution and it is set to expire next Friday, December 11. He explained the possibility of additional stimulus funding and it looks like funding will be available for airports and transit agencies, but none for highways. He stated as they do not have definite information, they have not included any stimulus funding in the proposed Spend Plan Amendment. He will provide additional information on the federal outlook at the January Finance Committee.</p> <p>Mr. Tasaico then explained the revenue forecasting cycle. He has been examining the models and seeing how to refine. This is the time of year that the budget cycle begins. He worked with OSBM back in October to develop a two-year revenue projection for the SFY 22 / SFY 23 biennium.</p> <p>He next presented a state revenue comparison month to month between calendar year 2019 and 2020. He explained the additional \$80 million of fuel tax revenue received in July that was deferred. If one looks only at the August – October timeframe the revenues are very similar in 2020 as they were in 2019. The year over year comparison of taxes and fees is overall running just about the same for October 2020 as October 2019. The biggest difference is with motor fuel tax.</p> <p>Mr. Tasaico then presented the comparison of the October 2019 revenue forecast, the May 2020 (May Consensus Revenue forecast) vs June 2020 (after the General Assembly approved the appropriation bills) vs. October 2020. The updated revenue forecast is \$382 million greater than projected in June 2020. He explained they are not proposing to use that full revenue potential. They determined the amount to safeguard by looking at revenues for the 4th quarter of state fiscal year 2020 (the quarter most impacted by Covid) and also the \$80 million motor fuel tax deferral.</p> <p>Mr. Tasaico concluded by informing the Committee that the NC First Commission CRAFTs (Creating Revenue and Finding Transportation Solutions) tool is available for the public to use. The tool allows the user to develop their own revenue and investment scenarios. He asked for the members to visit the site and provide any feedback to him and Anna Cameron.</p>
ACTIONS TAKEN	NONE TAKEN
4. Additional Spend Plan Capacity – Stephanie King, CFO	
DISCUSSION SUMMARY	<p>Mrs. King reiterated that the Spend Plan Amendment 1 was not increasing budget, it would use the budget already appropriated. The Amendment would allow for additional spending of cash through June 30 and any activities not accomplished by June 30 would roll into the next state fiscal year. She presented the Cash Model with new revenue assumptions and no additional spend and that showed cash increased significantly to nearly \$1.25 billion.</p> <p>Spend Plan Amendment 1 was to increase the October 8, 2020 Approved Spend Plan by \$270 million and reserving \$112 million of revenue potential. The \$270 million increase includes \$47 million for Preliminary Engineering, \$6.5 million for</p>



FINANCE COMMITTEE MEETING MINUTES

	<p>Secondary Road Construction, \$21 million for Spot Safety Improvements, \$21 million for Contingency Funds, \$23.5 million for Mobility/Modernization Fund, \$50 million for FEMA/General Maintenance Reserve, \$20 million for ROW – Utilities, \$31 million for Integrated Mobility Division, \$20 million for Ferry, and \$30 million for Rail. The additional spending would allow for hundreds of projects to move forward that would address safety, disaster repairs, economic development, maintenance activities, and reinstate projects to maintain STIP project schedules.</p> <p>Mrs. King presented the Cash Model with the \$270 million additional spending. She noted the goal of the Department is to stay within the statutory targets, but even with additional spend the cash balance still increases. She informed the Committee the Spend Plan Amendment 1 had been vetted by the Financial Planning Committee and approved by OSBM on December 1, 2020.</p>
<p>ACTIONS TAKEN</p>	<p>Chair Lathrop asked for a motion to approve Spend Plan Amendment 1 (increasing cash spend in SFY 2021 by \$270 and no adjustments in SFY 2022) and refer it to the full Board of Transportation for approval.</p> <p>Board member Mathis made the motion to approve the minutes and Board member Clarke provided the second.</p> <p>Chair Lathrop took a roll call vote. Members Lathrop, Clarke, Moran, Zimmer, Mathis, Lail, Wells, McGrady and Rosenburgh individually voted in favor of approving Spend Plan Amendment 1. It was unanimously referred to the full Board for approval.</p>
<p>5. Maintenance Spend Targets & Forecasting – Patrick Norman, PE, Director of Highway Operations</p>	
<p>DISCUSSION SUMMARY</p>	<p>Mr. Norman presented how the Department develops maintenance spend targets and how they use different forecasting methods to determine what the targets will be annually. The maintenance program includes six primary programs – General Maintenance Reserve, Roadside Environmental, Contract Resurfacing, Pavement Preservation, Bridge Program, and Bridge Preservation. In addition, Other Construction Programs (Secondary Road Construction, Spot Safety Improvements, Contingency Funds and Mobility/Modernization Fund) is included in Maintenance.</p> <p>He explained how the programs were appropriated funding, the effect of snow and ice transfers and how the SFY 2021 Spend Plan was set to build the cash balance as the Department was still below the statutory minimum at the time of development. He presented the Division level spend targets in the six major maintenance programs.</p> <p>Mr. Norman then explained that for expenditure forecasting they worked with the Financial Management team and SAS to develop month by month forecasting models. He presented an example of Contract Resurfacing. Other programs that are not contract, or force account programs, they rely in the Division to provide expenditure projections. These programs are more project based.</p> <p>He then presented how the modifications included in Spend Plan Amendment 1 would increase Other Construction by \$72 million. This includes Secondary Road Construction (\$6.5 million increase – 9 additional projects), Spot Safety (\$21</p>



FINANCE COMMITTEE MEETING MINUTES

	million increase – 181 additional projects), Contingency Fund (\$21 million increase – 79 projects), and Mobility/Modernization Fund (\$23.5 million – 34 additional projects). Also, there would be an additional \$40 increase for FEMA which would move forward 195 site repairs.
ACTIONS TAKEN	NONE TAKEN
6. Adjournment	
ACTIONS TAKEN	<p>Chair Lathrop asked for a motion to adjourn the December 2, 2020 meeting.</p> <p>Vice Chair Clarke made the motion to adjourn the meeting and Board member Moran provided the second.</p> <p>Chair Lathrop took a roll call vote. Members Lathrop, Clarke, Moran, Zimmer, Mathis, Lail, Wells, McGrady, and Rosenburgh individually voted in favor of adjourning the meeting. The vote to adjourn was unanimous.</p>



FINANCE COMMITTEE MEETING AGENDA

BOARD OF TRANSPORTATION JANUARY 6, 2020

TIME: 1:00 PM

Members of the Board will participate in the meeting via Microsoft Teams.

Members of the public may view the meeting by clicking on the following link:

<https://livestream.com/nc-dot>

TOPIC	PRESENTER	TIME
Welcome & Call to Order Roll Call & Declaration of Quorum Approval of December 2, 2020 Meeting Minutes	Tony Lathrop, Chair	1:00 PM
NC State Treasurer Remarks	Dale R. Folwell, CPA, State Treasurer	1:10 PM
Build NC from State Perspective	Sharon Edmundson, Director of the SLGFD and Secretary of the Local Government Commission / Lewis Andrews, State Treasurer's Office	1:15 PM
Bonding Basics	David Miller, Managing Director PFM Financial Advisors, LLC	1:30 PM
Overview of Draft Debt Management Policy	Stephanie King, CFO	1:45 PM
Financial & Spend Plan Status	Stephanie King, CFO	2:00 PM
Other Discussion	Tony Lathrop, Chair	2:15 PM
Adjourn	Tony Lathrop, Chair	2:30 PM

NORTH CAROLINA
DEPARTMENT OF STATE TREASURER



Dale R. Folwell, CPA
STATE TREASURER OF NORTH CAROLINA
DALE R. FOLWELL, CPA

STATE AND LOCAL GOVERNMENT FINANCE DIVISION

Build NC Bond Program – Update

Sharon Edmundson – Deputy Treasurer

Lewis Andrews – Director of State Debt

January 6, 2021



Primary Responsibilities of the DST State Debt Section

- Coordinate the issuance of debt authorized by State law
- Provide required disclosure information for the State CAFR, Rating Agencies and various regulatory agencies
- Produce and publish the Annual Debt Affordability Study; staff the Debt Affordability Advisory Committee
- Coordinate and monitor the payment of debt service and other debt related fees



Primary Responsibilities of the DST State Debt Section (Continued)

- Monitor outstanding State debt for any post-issuance compliance issues. Examples include as follows:
 - 1) Private use issues that might compromise the bond's tax-exempt status
 - 2) Provide event disclosure as required under SEC Rule 15c2-12
- Provide State debt reports and analysis as requested by the General Assembly, various State agencies and other regulatory agencies etc.



Build NC Bonds

- The Build NC Bond Act of 2018 was signed into law in June of 2018
- The State issued the first series of Build NC Limited Obligation Bonds on June 27, 2019. Par = \$300 million

In July 2020, SL 2020-91 was signed into law which allowed the State to issue up to \$700 million in Build NC Bonds in Fiscal Year 2020-21

- The State issued the second series of Build NC Bonds on November 12, 2020. Par = \$700 million



Highlights of the Build NC, Series 2020A

Overview of Transaction

Issuer:	State of North Carolina (“State”)
Sale Date:	October 29, 2020
Closing Date:	November 12, 2020 [Issuance Date]
Issue:	\$700,000,000 Limited Obligation (Build NC) Bonds
Structure:	Serial bonds maturing 5/1/2021 – 5/1/2035 [Level Debt Service]
Use of Proceeds:	The Series 2020B Bonds are being issued to (i) fund transportation projects across the State, (ii) fund the Debt Service Reserve Fund, and (iii) pay certain costs incurred in connection with the sale and issuance of the Series 2020B Bonds
Security:	The Series 2020B Bonds are limited obligations of the State. The authorizing legislation for issuance of the Series 2020B Bonds provides that funds from the Highway Trust Fund (“HTF”) shall be the source of repayment of the Series 2020B Bonds, subject to appropriation by the North Carolina General Assembly in its discretion
Ratings:	Moody’s: Aa1 (stable outlook) S&P: AA+ (stable outlook) Fitch: AA+ (stable outlook)
Redemption:	Callable on 5/1/2030 @ Par



Build NC, Series 2020B Sale Results

Sources:

Bond Proceeds:

Par Amount	700,000,000.00
Net Premium	148,687,448.55

848,687,448.55

Uses:

Project Fund Deposits:

Project Fund	781,420,235.30
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Other Fund Deposits:

Debt Service Reserve Fund	64,869,100.00
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Delivery Date Expenses:

Cost of Issuance	600,000.00
Underwriter's Discount	1,798,113.25
	<u>2,398,113.25</u>

848,687,448.55

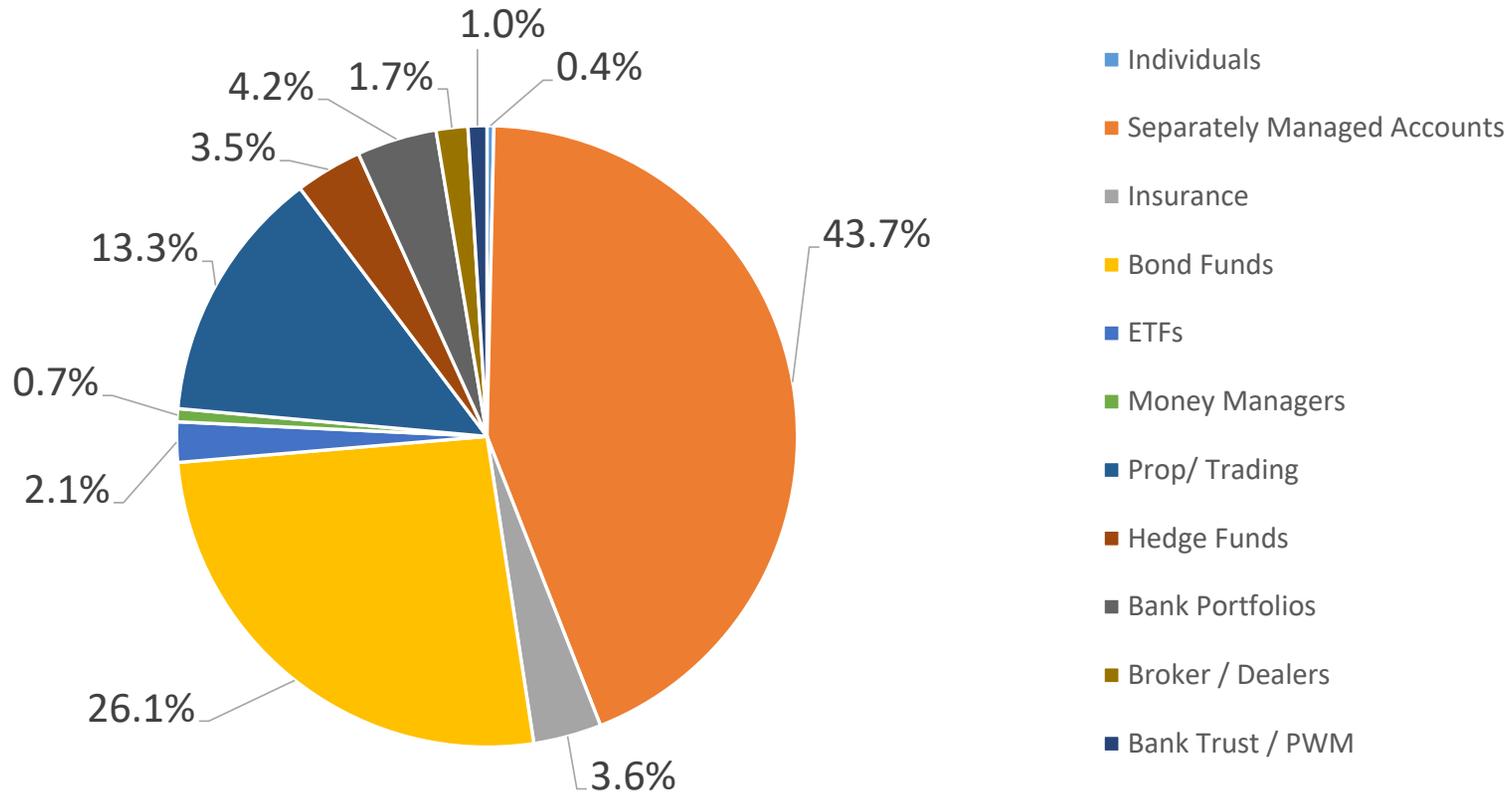


Build NC, Series 2020B Sale Results - Continued

First Maturity	May 1, 2021
Final Maturity	May 1, 2035
True Interest Cost (TIC)	1.538259%
All-In TIC	1.548037%
Average Life (Years)	8.419
Total Interest	\$249,222,263.61
Total Debt Service	\$949,222,263.61
Maximum Annual Debt Service	\$64,869,100.00

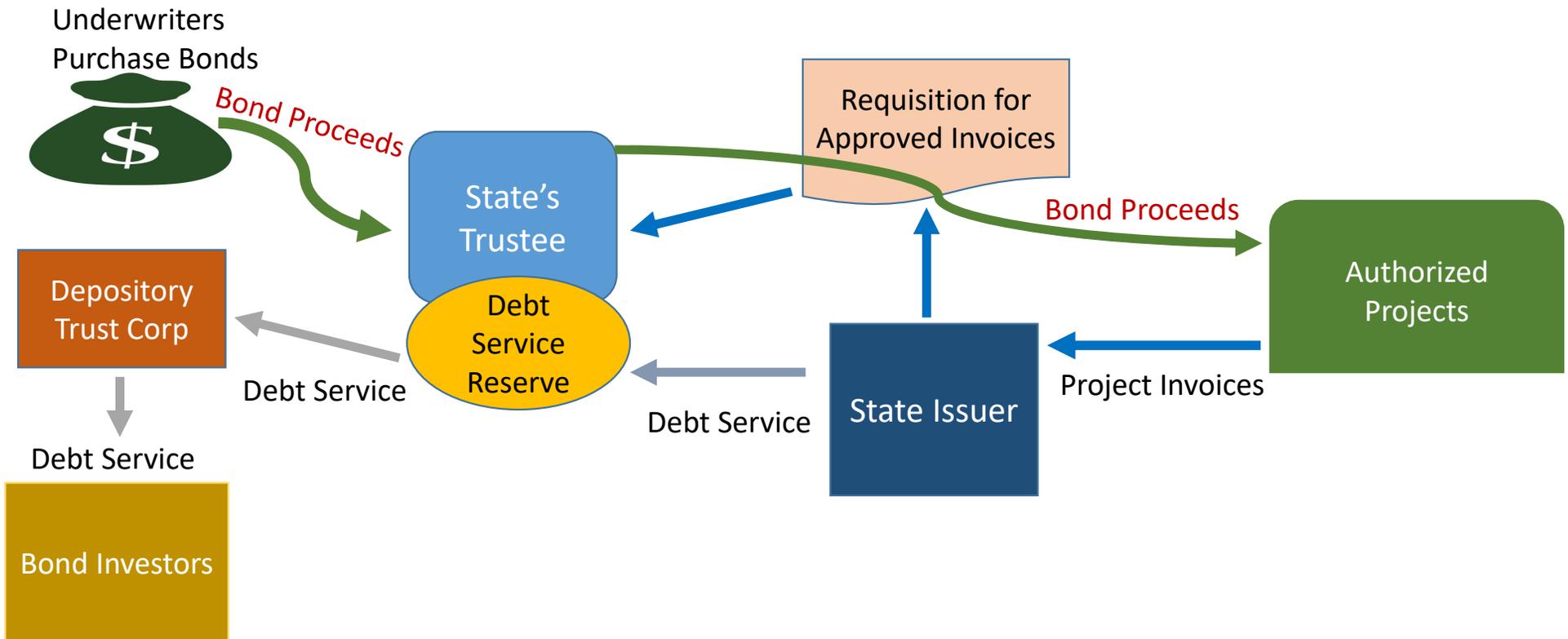


Build NC 2020B – Investor Type Distribution





Management of Build NC Bonds Proceeds





Order of Investment Objectives for Bonds Proceeds

State's Investment Agent directs idle bond proceeds into appropriate investments in accordance with State law.

1. Safety
2. Liquidity
3. Yield



Upcoming Statutory Requirement for Build NC Bond Program

- Certification of Cash in January, February and March 2021 as required by SL 2018-16 (Build NC Bond Act).

142-97(2)(a) – “The Department of Transportation's average month-end cash balance for the first three months in the calendar year prior to the date of determination is equal to or less than one billion dollars (\$1,000,000,000).”

NORTH CAROLINA
DEPARTMENT OF STATE TREASURER



Dale R. Folwell, CPA
STATE TREASURER OF NORTH CAROLINA
DALE R. FOLWELL, CPA

STATE AND LOCAL GOVERNMENT FINANCE DIVISION

Questions?

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lewis.andrews@nctreasurer.com



NORTH CAROLINA

Department of Transportation



Financial and Spend Plan Update

As of November 2020

Stephanie King, Chief Financial Officer

January 6, 2021

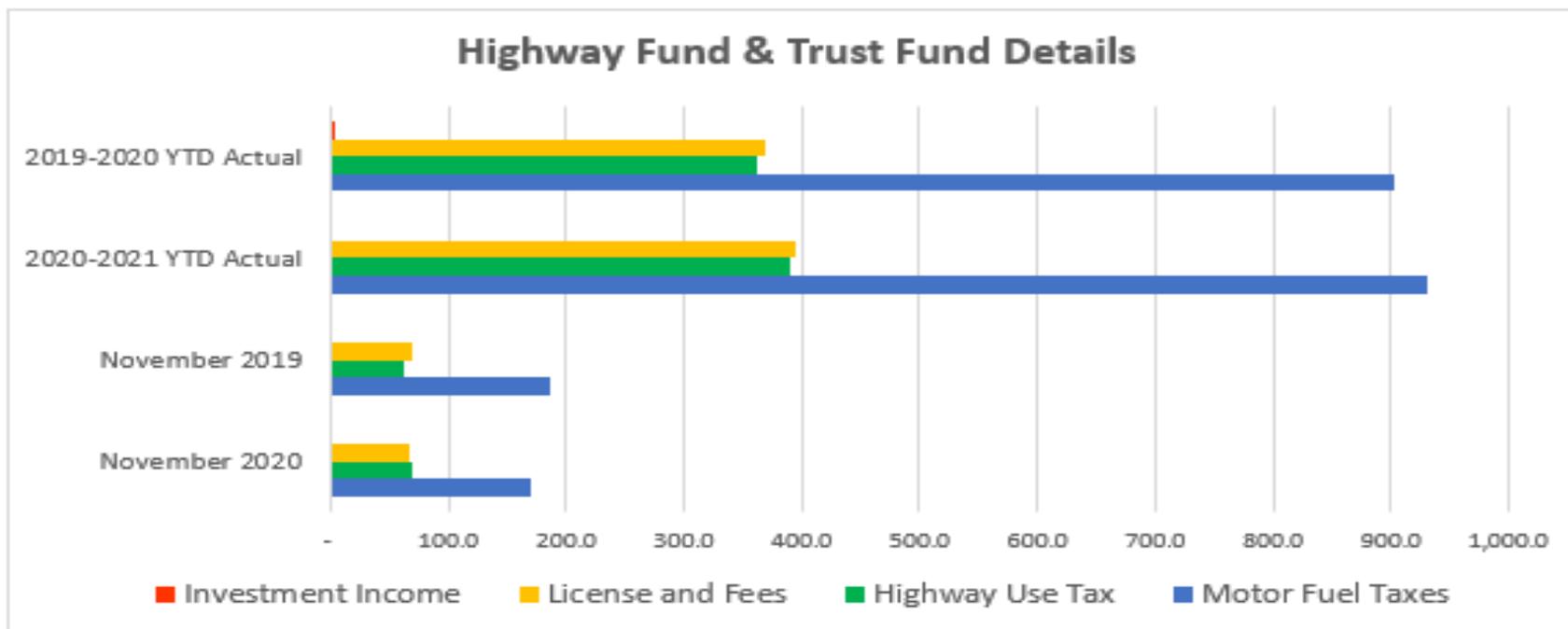
Federal Status Update 12/30/20

- FFY 2021 Appropriations
 - FHWA Transportation Similar to FFY 2020 (small reduction)
- COVID Relief Package (~\$900B)
 - Transportation - \$45B
 - Airports (2B), Air Carriers (16B) Amtrak (1B), Mass Transit (14B), Motorcoaches (2B) and State DOT's (10B)
 - Of the \$10B for highways - \$9.8 B Distributed as STPBG Like Program using 2020 distribution with 14% going to Transportation Management Associations (TMAs)
 - 100% Share
 - OA expires 9/2024
 - Flexibility of use

Highway Fund & Trust Fund Details November 2020

(in millions)

Highway Fund & Trust Fund Details	November 2020	November 2019	Year Over Year			
			2020-2021 YTD Actual	2019-2020 YTD Actual	\$ Δ	% Δ
Motor Fuel Taxes	170.1	185.9	930.3	901.8	\$ 28.5	3%
Highway Use Tax	69.0	63.2	390.4	362.0	28.4	8%
License and Fees	66.1	68.4	394.3	370.0	24.3	7%
Investment Income	0.6	0.9	1.8	3.9	(2.1)	-55%
Total	\$ 305.8	\$ 318.4	\$ 1,716.8	\$ 1,637.8	\$ 79.0	5%



Financial Update

SFYTD 2021 as compared SFYTD 2020 (\$ in millions)

	Month over Month		Year to Date		
	November 2020	November 2019	YTD 2021	YTD 2020	\$ Change
<u>Highway Fund & Highway Trust Fund</u>					
Collections	\$ 663	\$ 448	\$ 2,797	\$ 2,363	\$ 434
Expenditures	359	484	2,057	2,677	(620)
Net Change	\$ 304	\$ (35)	\$ 739	\$ (315)	\$ 1,054
Cash Balances:					
Highway Trust Fund			\$ 487	\$ 270	
Highway Fund*			566	72	
Totals			\$ 1,053	\$ 341	

*Excludes bond proceeds held by Trustee

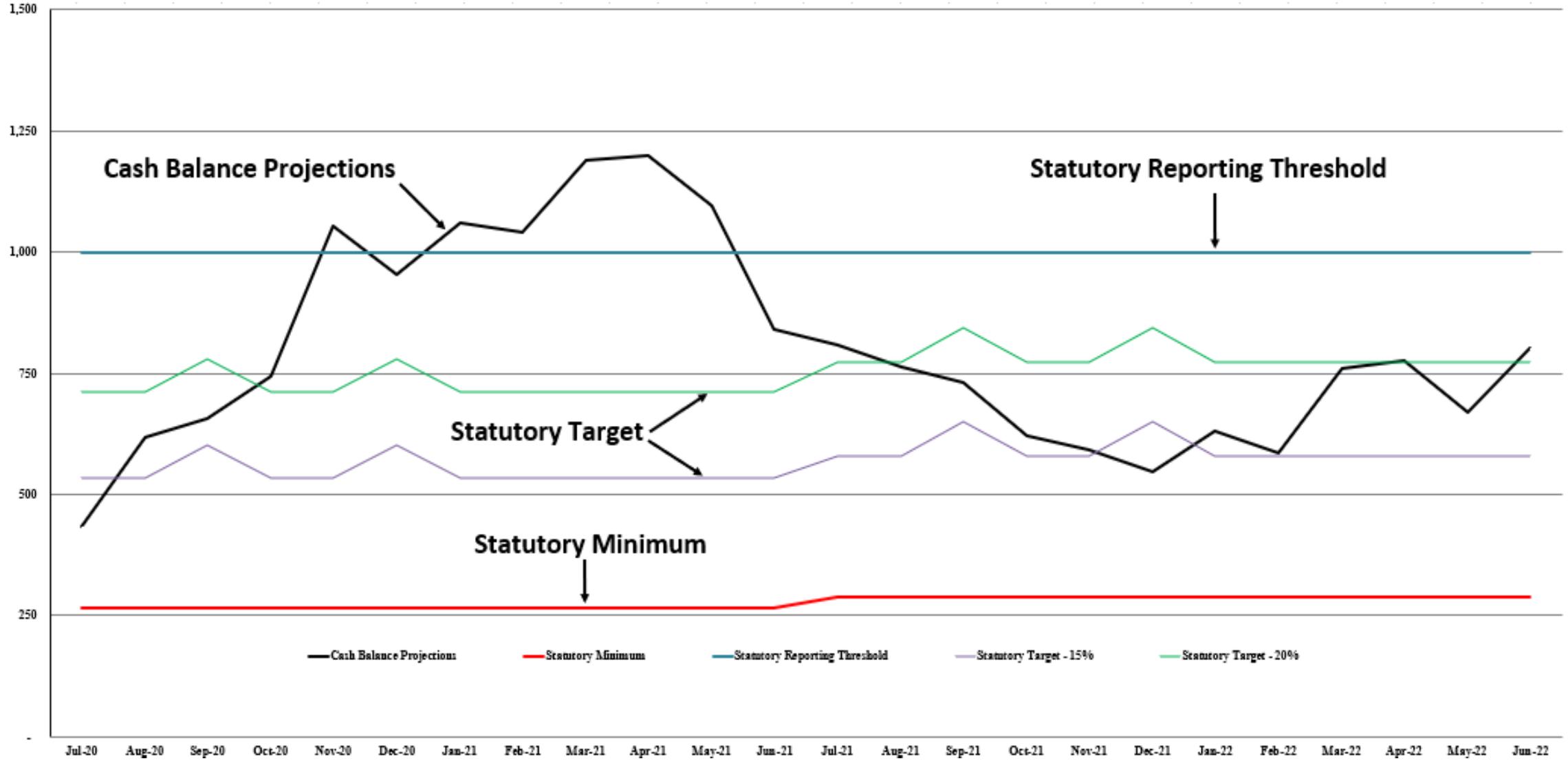
Cash Reporting

Joint Legislative Transportation Oversight Committee

November 2020 – Reporting Required

- Section 2.1 of Session Law 2019-251 requires DOT to report each month when the department's combined average daily cash balance for the month is outside of the statutory target range.
- For November 2020, the **average daily cash balance** of the Highway Fund and the Highway Trust Fund was \$751 million.
- The cash target amounts representing 15% and 20% of the total appropriations for the current fiscal year are \$535 million and \$713 million, respectively.
- The closing cash balance for November was \$1.05 billion which is above the target range and above the minimum cash balance requirement of \$267 million under G.S. 143C-6-11.

24 Month Forecast



Approved Spend Plan Versus Actuals July – November 2020

Source: FPC/Baseline Forecast/Clark Model SFY2021_Spend Plan Amendment

	12/2/20 Approved Baseline Forecast				Actuals				% Δ	\$ Δ
	1st Qtr	Oct-20	Nov-20	YTD	1st Qtr	Oct-20	Nov-20	YTD	YTD	YTD
	SFY2021	4	5	SFY2021	SFY2021	4	5	SFY2021	SFY2021	SFY2021
OPENING CASH BALANCE	\$ 266	\$ 656	\$ 743		\$ 266	\$ 656	\$ 743			
REVENUES										
State revenues	\$ 1,087	\$ 324	\$ 318	\$ 1,729	\$ 1,087	\$ 324	\$ 305	\$ 1,717	-1%	\$ (12)
Federal aid	315	81	71	467	315	81	90	485	4%	18
Federal aid - InfraGrant	15	5	16	36	15	5	0	20	-44%	(16)
Turnpike Federal Aid	2	0		2	2	0	0	2	7%	0
Other	55	16	16	86	55	16	12	82	-5%	(4)
	1,473	426	421	2,320	1,473	426	408	2,306	-1%	(13)
GARVEE REIMBURSEMENT FROM TRUSTEE	69	23	61	152	69	23	55	146	-4%	(6)
BUILDNC REIMBURSEMENT FROM TRUSTEE	144	-	172	317	144	-	200	344	9%	28
TOTAL REVENUES & OTHER RECEIPTS	\$ 1,686	\$ 448	\$ 654	\$ 2,788	\$ 1,686	\$ 448	\$ 663	\$ 2,797	0%	\$ 9
CONSTRUCTION EXPENDITURES										
Garvee Expenditures	(99)	(31)	(50)	(180)	(99)	(31)	(77)	(207)	15%	(27)
Garvee Debt Service	(24)	-	-	(24)	(24)	-	0	(24)	0%	0
Division of Mitigation Services (Formerly EEP)	(6)	(0)	-	(6)	(6)	(0)	(2)	(8)	39%	(2)
BUILDNC Expenditures	(65)	(27)	(46)	(138)	(65)	(27)	(52)	(144)	4%	(6)
BUILDNC Debt Service	-	-	-	-	-	-	(7)	(7)		(7)
Strategic Transportation Initiative	(352)	(144)	(75)	(571)	(352)	(144)	(116)	(612)	7%	(41)
NC Mobility Fund	0	(0)	-	0	0	(0)	(0)	0	0%	(0)
TIP	(184)	(27)	(96)	(307)	(184)	(27)	46	(165)	-46%	142
TIP - Infragrant	(19)	(5)	(5)	(30)	(19)	(5)	(12)	(36)	21%	(6)
Other Construction - Secondary Roads	(1)	(0)	(1)	(2)	(1)	(0)	(0)	(1)	-52%	1
Other Construction - Spot Safety Improvements	(2)	(0)	(4)	(6)	(2)	(0)	(0)	(2)	-59%	3
Other Construction - Contingency	(1)	(0)	(4)	(5)	(1)	(0)	(0)	(1)	-81%	4
Other Construction - Mobility/Modernization	(5)	(1)	(3)	(9)	(5)	(1)	(1)	(6)	-30%	3
Turnpike Authority	(2)	(1)	(0)	(4)	(2)	(1)	(1)	(4)	18%	(1)
Internal Orders	5	(5)	(1)	(1)	5	(5)	(6)	(6)	339%	(5)
CMAQ	(9)	(5)	(3)	(17)	(9)	(5)	(2)	(17)	-1%	0
Total Construction	\$ (762)	\$ (248)	\$ (288)	\$ (1,298)	\$ (762)	\$ (248)	\$ (230)	\$ (1,240)	-4%	\$ 58

YTD Variance – 10%-20% Highlighted in Orange

20%+ Highlighted in Red

Approved Spend Plan Versus Actuals July – November 2020

Source: FPG/Baseline Forecast/Cash Model SFY2021_Spend Plan Amendment

	12/2/20 Approved Baseline Forecast				Actuals				% Δ	\$ Δ
	1st Qtr	Oct-20	Nov-20	YTD	1st Qtr	Oct-20	Nov-20	YTD	YTD	YTD
	SFY2021	4	5	SFY2021	SFY2021	4	5	SFY2021	SFY2021	SFY2021
MAINTENANCE EXPENDITURES										
General Maintenance Reserve	\$ (87)	\$ (32)	\$ (32)	\$ (151)	\$ (87)	\$ (32)	\$ (22)	\$ (141)	-7%	\$ 10
Contract Resurfacing	(87)	(21)	(63)	(171)	(87)	(21)	(21)	(129)	-25%	\$ 42
Roadside Environmental	(21)	(7)	(7)	(35)	(21)	(7)	(7)	(35)	-1%	\$ 1
Pavement Preservation	(18)	(4)	(6)	(29)	(18)	(4)	(4)	(26)	-9%	\$ 2
Bridge Program	(31)	(7)	(22)	(60)	(31)	(7)	(8)	(46)	-23%	\$ 14
Bridge Preservation	(15)	(6)	(5)	(25)	(15)	(6)	(3)	(24)	-5%	\$ 1
Undeclared Disaster Funding Including Snow and Ice	-	(0)	(11)	(11)	-	(0)	(0)	(0)	-98%	\$ 11
Disaster Funding - FEMA	(10)	(5)	(4)	(19)	(10)	(5)	(6)	(20)	10%	(2)
Total Maintenance	\$ (269)	\$ (82)	\$ (151)	\$ (502)	\$ (269)	\$ (82)	\$ (71)	\$ (422)	-16%	\$ 80
OTHER MODES										
Public Transportation	\$ (18)	\$ (4)	\$ (21)	\$ (43)	\$ (18)	\$ (4)	\$ (6)	\$ (28)	-35%	\$ 15
Public Transportation - New Starts	-	0	(1)	(1)	-	0	0	0	-100%	\$ 1
Ferry Operations	(11)	(5)	(8)	(24)	(11)	(5)	(3)	(20)	-18%	\$ 4
Railroad program	(10)	(2)	(8)	(21)	(10)	(2)	(2)	(14)	-31%	\$ 7
Airports	(69)	(22)	(8)	(100)	(69)	(22)	(6)	(98)	-2%	\$ 2
Total Other Modes	\$ (108)	\$ (34)	\$ (46)	\$ (188)	\$ (108)	\$ (34)	\$ (17)	\$ (159)	-15%	\$ 28
OTHER EXPENDITURES										
Administration	\$ (63)	\$ (26)	\$ (30)	\$ (118)	\$ (63)	\$ (26)	\$ (24)	\$ (113)	-5%	\$ 6
Transfers to Other State Agencies	(19)	(2)	-	(22)	(19)	(2)	(0)	(22)	2%	(0)
Transfers to General Fund/NCTA - GAP Funds	(12)	-	(12)	(25)	(12)	0	(12)	(25)	0%	-
State aid to municipalities	(66)	-	-	(66)	(66)	0	(1)	(66)	1%	(1)
Debt Service	-	-	-	-	-	0	0	-	-	-
Other Programs	(6)	(2)	(1)	(9)	(6)	(2)	(3)	(10)	14%	(1)
Total Other Expenditures	\$ (166)	\$ (30)	\$ (44)	\$ (240)	\$ (166)	\$ (30)	\$ (40)	\$ (236)	-1%	\$ 3
TOTAL EXPENDITURES	\$ (1,305)	\$ (394)	\$ (529)	\$ (2,227)	\$ (1,305)	\$ (394)	\$ (359)	\$ (2,057)	-8%	\$ 170
OTHER CHANGES IN CASH										
Working capital changes	\$ 9	\$ 32		\$ 42	\$ 9	\$ 32	\$ 6	\$ 48	15%	\$ 6
	\$ -	\$ 32	\$ -	\$ -	\$ 9	\$ 32	\$ 6	\$ 48		
NET CHANGE IN CASH	\$ 390	\$ 87	\$ 125	\$ 603	\$ 390	\$ 87	\$ 310	\$ 787	31%	\$ 185
CLOSING CASH BALANCE	656	743	868		656	743	1,053			

YTD Variance – 10%-20% Highlighted in Orange

20%+ Highlighted in Red

Spend Plan Variance

- GARVEE Expenditures, Build NC Expenditures, TIP and STI -6% Variance (-\$68M). Project lettings were delayed during budget restrictions.
- Contract Resurfacing -25% Variance (-\$42M). Have developed aggressive letting schedules for new contracts through fall and spring. Will provide over \$500M in new contractual opportunities and increase monthly expenditures during late SFY 2021 and through SFY 2022. Fall contract lettings will be available March 1, 2021 and spring contract lettings will be available July 1, 2021.
- Bridge Program -23% (-\$14M). As cash has improved have developed aggressive letting schedules for spring and fall 2021. Will provide over \$400M in new contracts and increase monthly expenditures during late SFY 2021 and through SFY 2022.
- Undeclared Disasters -98% (-\$11M). Snow and ice response is the primary driver of expenditures. Ideal scenario would be to experience actuals below established targets for the fiscal year. This would allow a potential redistribution of un-used spending authority for other maintenance needs across the state.

Spend Plan Variance

- Integrated Mobility Division -35% (-\$15M)
 - Due to initial spending restrictions, FY21 FTA Grants that involved state match were delayed. Agreements have now been released. Many involve bus procurement and/or facility construction and anticipate expenditures to increase toward end of state fiscal year
 - State funded programs that were held back are now released:
 - Consolidation and Coordination of Public Transportation (ConCPT)
 - Transportation Demand Management (TDM)
- Railroad Program -31% Variance (-\$7M)P
 - Due to previous spending restrictions, federal project approvals were delayed for first half of SFY 2021. Projects are proceeding now based on Federal or local project development timelines. Expect expenditures to increase in third quarter of SFY 2021.
 - Many rail projects, including FRRCSI, were previously on hold and are now being advanced. Expect expenditures to increase in third quarter of SFY 2021.



NORTH CAROLINA

Department of Transportation



Municipal Bond Basics

David Miller, PFM Financial Advisors

January 2021

Bond Issuance Purposes

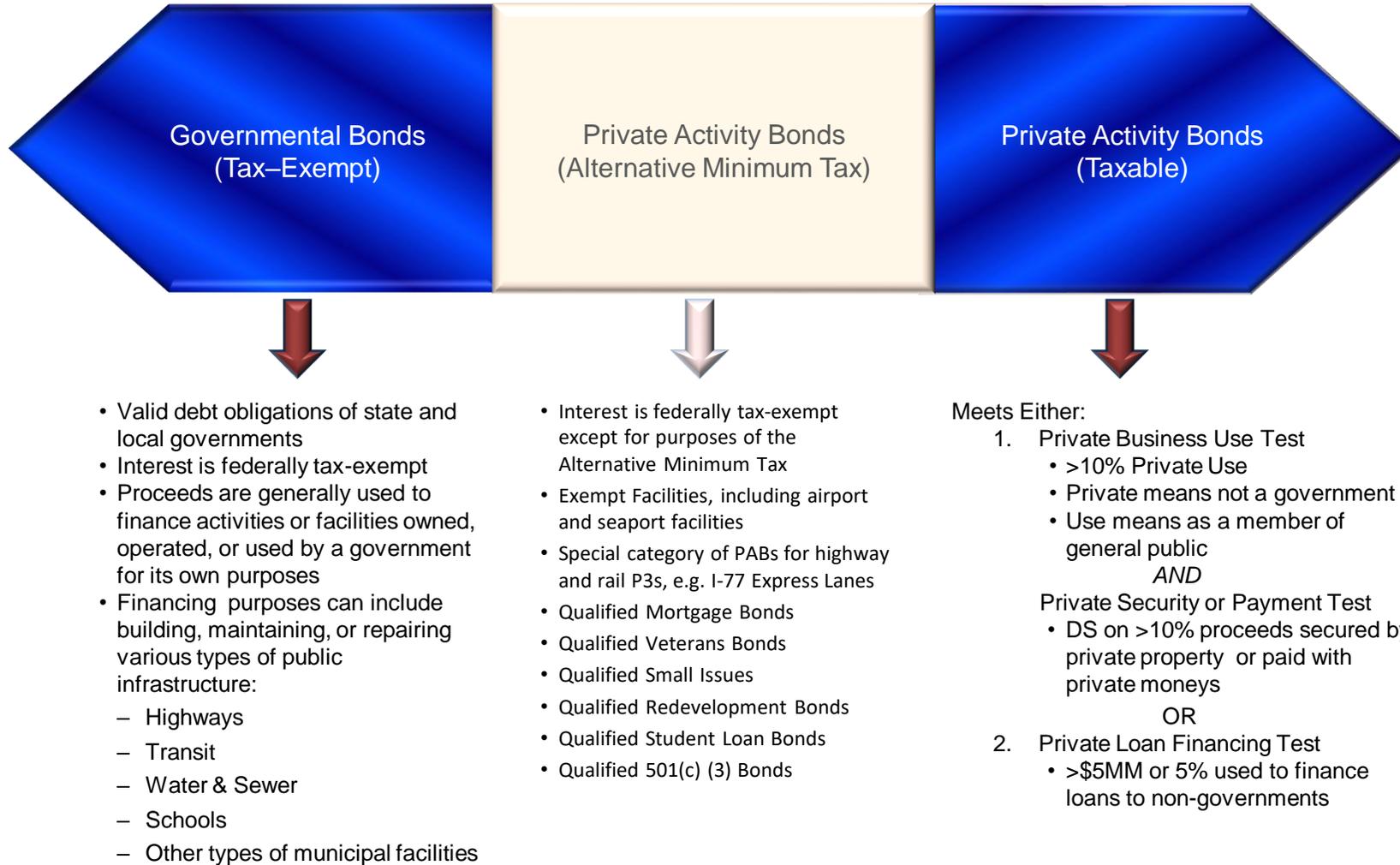
New Money Bonds

- Issued to fund Capital Projects such as roads, bridges, airports, transit, seaports, schools, power plants, water & sewer, etc.

Refunding Bonds

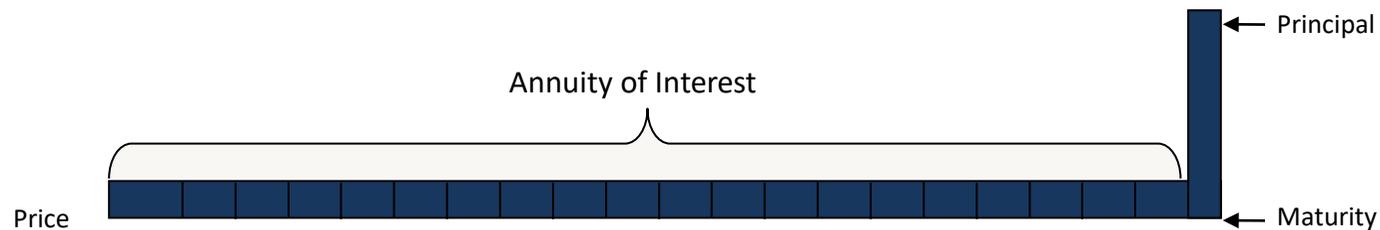
- Issued to pay off existing bonds. The old debt service payments are replaced with new debt service payments.
 - Most refundings are done to create debt service savings by issuing new bonds at a lower yield than the interest rate on outstanding bonds -“High to Low”
 - Some refundings are done to get out of the restrictions/requirements of an indenture (which sets the parameters for which they can issue bonds and requirements for funding them) on outstanding bonds
 - A current refunding is one executed at (within 90 days) the call or redemption date of the outstanding bonds.
 - An advance refunding is one executed more than 90 days before the call date and requires a legal defeasance of the refunded bonds by funding an irrevocable escrow to pay the bonds at the call date.

Tax Status of Municipal Issues



General Terminology

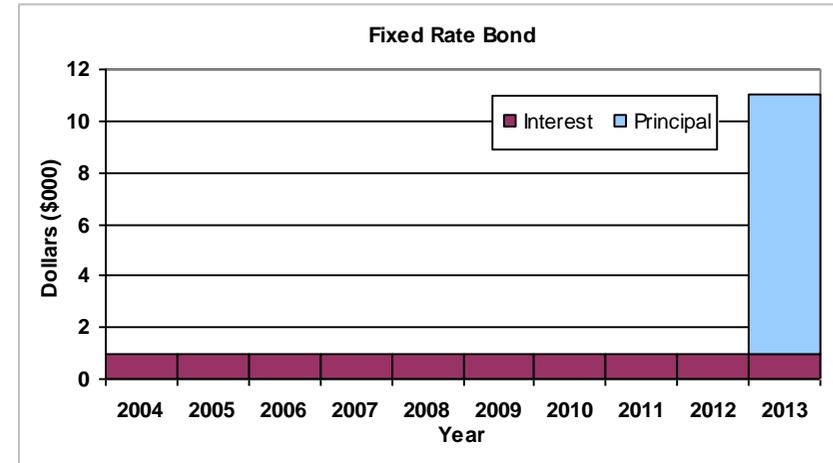
Bond—Evidence of a Loan	<ul style="list-style-type: none"> – Buyer of the Bond is the lender or investor – Seller of the Bond is the borrower or issuer
Principal or Face Amount or Par Amount	<ul style="list-style-type: none"> – Amount of loan
Maturity Date	<ul style="list-style-type: none"> – Repayment date of loan
Nominal or Coupon Rate	<ul style="list-style-type: none"> – Interest rate paid periodically on the loan – Usually expressed as a percentage of par amount
Price	<ul style="list-style-type: none"> – Amount a lender will lend in consideration of future receipt of principal and interest payments
Yield	<ul style="list-style-type: none"> – Single rate that sets the present value of the principal and interest payments equal to the price



Fixed Rate vs. Variable Rate

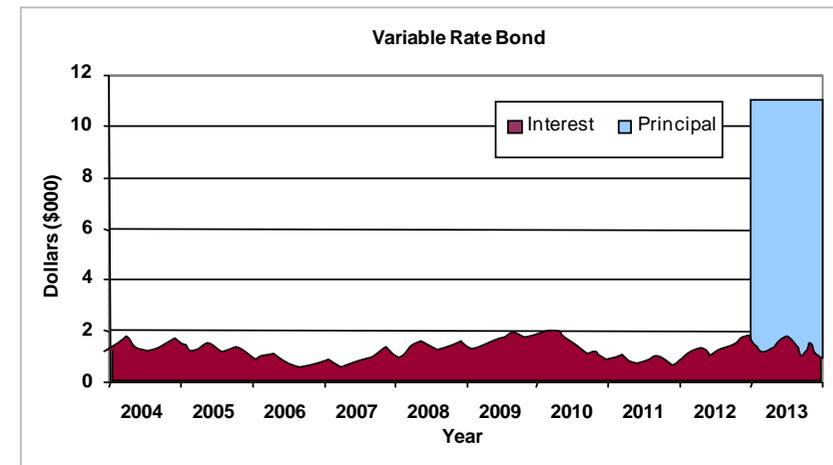
Fixed Rate

- The rates (coupons) are set on the day of the pricing and do not change throughout the life of the bonds
- Issuer will pay the exact same interest amounts (usually twice a year) for as long as they own the bonds
- Generally higher interest rate, especially for long term maturities



Variable Rate

- The interest rates are reset to different coupons at predetermined points throughout the year
- Issuer will pay varied interest payments for the life of the bonds
- Generally lower interest rates but with rate risk and budget uncertainty



Call Features

Option Call

- Call is exercised only at the option of the issuer
- Calls typically exercised to achieve savings or restructure debt

Mandatory Call

- Call must be exercised on specified date/during specified timeline
- May be required by law
- May be required by legal structure of transaction

Extraordinary Call

- Call exercised upon occurrence of certain events
- May be optional (destruction of project) or mandatory

Redemption Prices for Call Vary

- Par
- Premium
- Make-whole

Common Bond Security Structures

General Obligation Bonds

- Full Faith and Credit Pledge
- Typically the highest credit quality and lowest cost
- Taxing Power
- Not Subject to Appropriation

Appropriation Bonds

- Special Obligation Pledge
- All legally Available Revenues
- No Taxing Power
- Subject to Appropriation
- Build NC Bonds

Revenue Bonds

- Revenue Pledge
- Specifically Defined Revenue Source, often from enterprise net operating revenues
- Revenue Bonds may have a senior or subordinate lien on the revenues pledged
- Covenants to Ensure Revenue Sufficiency, e.g. a rate covenant
- No Property Taxing Power
- Not Subject to Appropriation
- GARVEE Bonds

Special Purpose Facility & Conduit Bonds

- Issued by a governmental entity on behalf of another government or a private entity
- Examples include economic and industrial development authorities
- Commonly used by airports and seaports
- Often backed by corporate lease/rental revenues
- Often backed by parent company guarantees
- Covenants to Ensure Revenue Sufficiency
- No Taxing Power; Not Subject to Appropriation

Asset Backed

- Indebtedness secured by an interest in the underlying asset being financed
- Mortgage backed debt
- Certificates of Participation
- Various forms of equipment leases have been used, including by ports to finance cranes

Ratings and Rating Agencies

- Rating Agencies (Moody's, Standard & Poor's and Fitch) rate both G.O. and Revenue bond credits on a scale in order to rank or categorize the credit worthiness and proximity to default of an Issuer and their obligations
- While many sophisticated Investors do their own credit research, ratings play a critical role in the minds of most market participants and are perceived by the market as a guide of an Issuer's credit worthiness
- Ultimately, credit ratings play a significant role in broadening the investor base for an issuer and usually having a strong rating enhances an Issuer's access to Investors, helping to lower their cost of capital

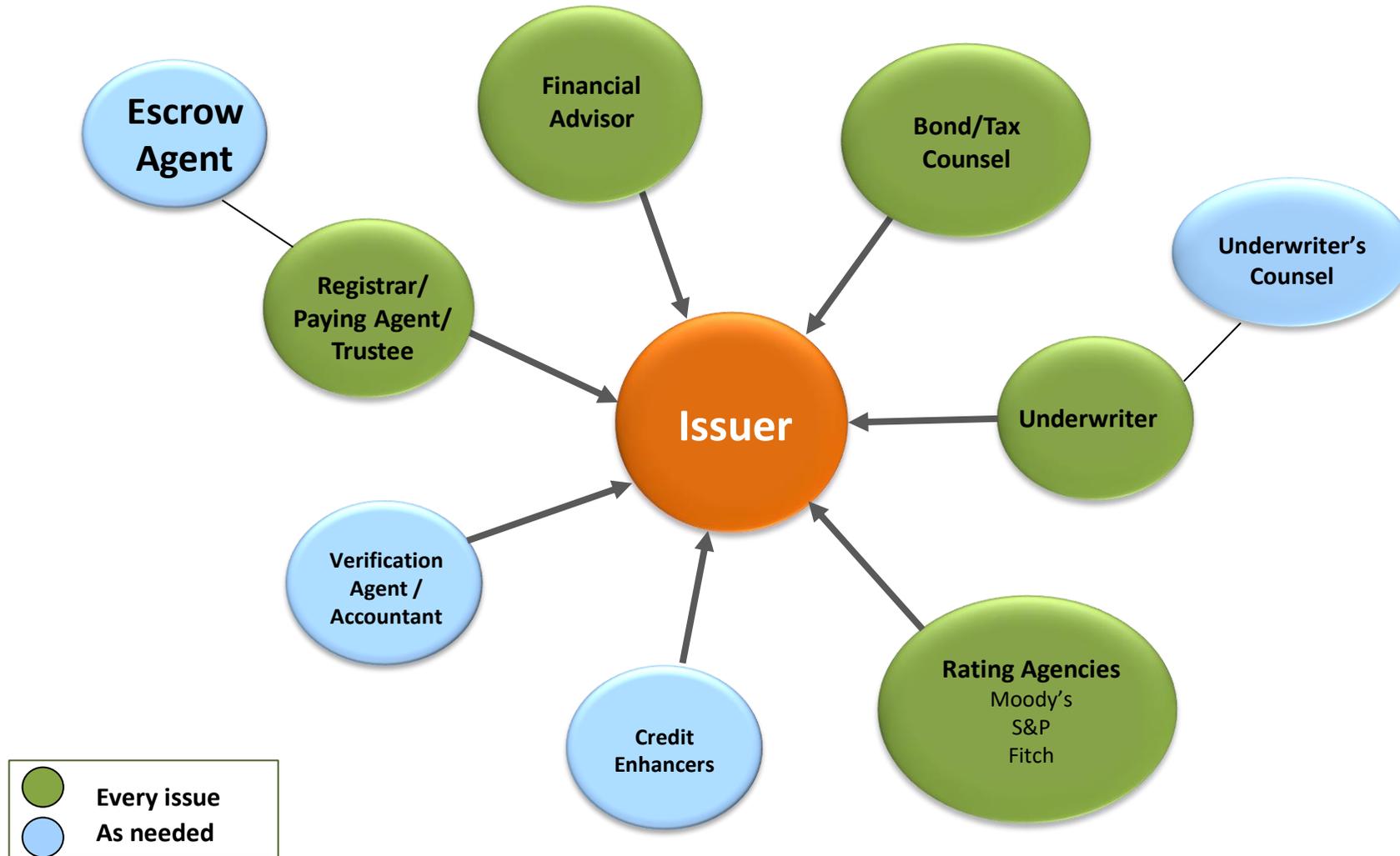
Rating Agencies and Scales

- Rating Agencies (Moody's, Standard & Poor's and Fitch) rate both G.O. and Revenue bond credits on a scale in order to rank or categorize the credit worthiness and proximity to default of an Issuer and their obligations
- While many sophisticated investors do their own credit research, ratings play a critical role in the minds of most market participants and are perceived by the market as a guide of an Issuer's credit worthiness
- Most municipal bond issuers are rated in the investment grade categories.
 - Build NC Bonds Aa1 / AA+ / AA+
 - GARVEE Bonds A2 / AA / A+

Investment Grade Rating Scales

<i>Moody's</i>	<i>Aaa</i>	<i>Aa1</i>	<i>Aa2</i>	<i>Aa3</i>	<i>A1</i>	<i>A2</i>	<i>A3</i>	<i>Baa1</i>	<i>Baa2</i>	<i>Baa3</i>
<i>S&P/Fitch</i>	<i>AAA</i>	<i>AA+</i>	<i>AA</i>	<i>AA-</i>	<i>A+</i>	<i>A</i>	<i>A-</i>	<i>BBB+</i>	<i>BBB</i>	<i>BBB-</i>

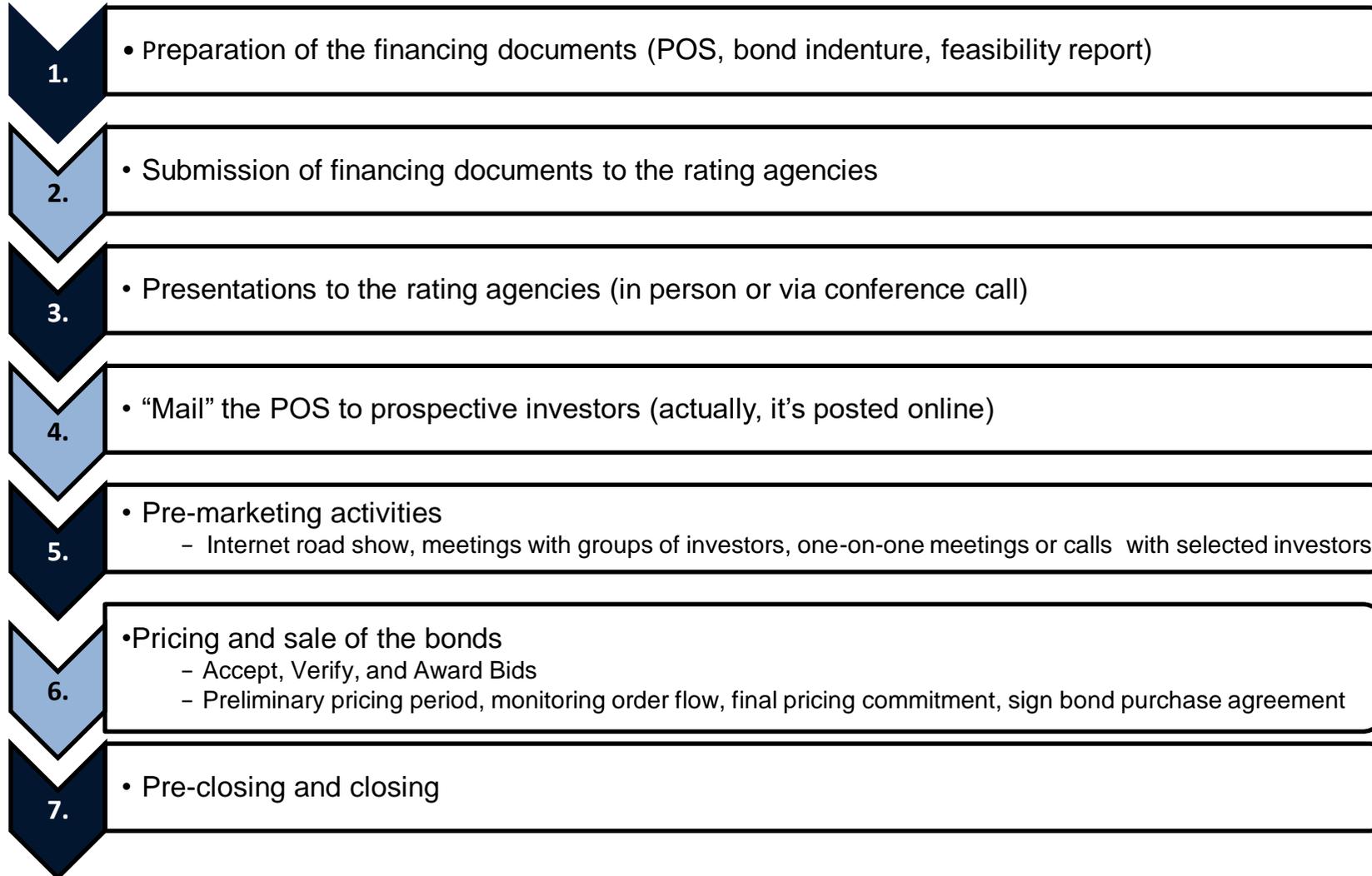
Participants to the Transaction Team



Types of Bond Sales

- Generally speaking, Issuers utilize one of two bond sale processes to access the primary capital market:
 - **Competitive Sales:** An Issuer procures bids from a variety of Underwriters on the obligations they are planning to issue and select one bid (i.e., the lowest costing bid)
 - **Negotiated Solicitation:** An Issuer selects an Underwriter or a group of underwriting firms and works with the selected Underwriter(s) to price obligations through negotiation with the Underwriter(s)
- An issuer could also Privately Place their obligations by procuring an investor, often via a RFP process, interested in purchasing their obligations and negotiating a price for their obligations directly with the Investor(s).
 - **Bank Loans:** Bank lending is a form of private placement
- Factors such as security type, credit rating, transaction size, and frequency of issuance typically help determine the best method of sale to utilize

The Process of Selling Bonds



Quantitative Analysis During a Bond Sale

<u><i>Type of Analysis</i></u>	<u><i>Specific Calculations</i></u>
<i>Bond Sizing Calculations</i>	<ul style="list-style-type: none"> • Deposit to construction fund • Capitalized interest • Debt service reserve fund • Cost of issuance
<i>Key Decisions Regarding Issue Structure</i>	<ul style="list-style-type: none"> • Serial vs. term bonds • Debt service structure
<i>Key Calculations During Pricing</i>	<ul style="list-style-type: none"> • Premium vs. discount bonds • Yield to call vs. yield to maturity
<i>Yield Calculations</i>	<ul style="list-style-type: none"> • Arbitrage yield • True interest cost • "All-in" financing cost
<i>Calculations on a Refunding Issue</i>	<ul style="list-style-type: none"> • Annual debt service savings • Present value savings
<i>Additional Calculations that are Required on Some Issues</i>	<ul style="list-style-type: none"> • Economic analysis of possible use of bond insurance • Economic analysis of possible use of a surety bond for the debt service reserve fund



HIGHWAYS COMMITTEE MEETING MINUTES **DRAFT**

DATE: 11/4/2020 **TIME:** 10:45 AM **LOCATION:** Via Microsoft Teams

MEETING CALLED BY	Chair Cullie Tarleton
BOARD ATTENDEES	Vice-Chair Dirk Cody, Members Grady Hunt, Lisa Mathis, Hugh Overholt, Stephen Rosenburgh, Thomas Taft Jr., Jerry Tillman, and Andy Wells

AGENDA TOPICS

1. Call to Order, Roll Call, Declaration of Quorum, Non-Conflict Statement and Consideration of the September 2, 2020 Meeting Minutes – Chair Tarleton	
DISCUSSION SUMMARY	<p>Chair Tarleton called the meeting to order, conducted a roll call of members present, and declared a quorum was present.</p> <p>Chair Tarleton stated the meeting minutes were distributed prior to the meeting, and if there are no additions or corrections, the Chair would accept a motion that the minutes from the September 2nd meeting be approved as submitted.</p>
ACTIONS TAKEN	<p>Chair Tarleton asked for a motion to approve the September 2, 2020 meeting minutes.</p> <p>Board member Cody made the motion to approve the minutes and Board member Hunt provided the second.</p> <p>Chair Tarleton took a roll call vote. Members Cody, Hunt, Mathis, Rosenburgh, Taft, Tillman and Wells individually voted in favor of approving the minutes and the September 2, 2020 minutes were approved unanimously.</p>
2. Autonomous Vehicles, Mr. Kevin Lacy, P.E., State Traffic Engineer, NCDOT Transportation Mobility and Safety	
DISCUSSION SUMMARY	<p>Mr. Kevin Lacy, State Traffic Engineer, provided a presentation regarding autonomous vehicles. He discussed the questions and unknowns surrounding autonomous vehicles such as:</p> <ul style="list-style-type: none"> - Will self-driving vehicles bring a higher level of safety on our transportation system? - When will self-driving vehicles be available? - Who is responsible when a crash occurs? - What will be the impact on congestion? - Will there be more cars? - Will there be more vehicle miles travelled?



HIGHWAYS COMMITTEE MEETING MINUTES **DRAFT**

	<p>Before the pandemic, driverless shuttles were being used on NC State's Centennial Campus. Today, Waymo has driverless permits in California and is testing a ride hailing app in Arizona. Waymo has over 20 million self-driven miles and over 15 billion simulated miles. They are currently operating in 9 states and the District of Columbia.</p> <p>Lyft has over 100,000 paid self-driving rides in Las Vegas, with over 1.5 million miles traveled in a highly congested, highly distracting, and mixed vehicle environment.</p> <p>Self-driving vehicles may be available in 2027. Flying autonomous vehicles are also being developed. Volvo is also using self-driving trucks in mining operations.</p> <p>The cost of self-driving vehicles may impact whether there is an increase in vehicles on our roadways, or if vehicles are shared by multiple people. If they are very expensive, corporate ownership may be more likely. The miles driven may increase with "empty" miles of driving.</p> <p>The capacity of our roadways will increase, allowing for more efficient use of the Department's Right of Way and intersections. As for congestion, self-driving vehicles may travel closer together, both laterally and horizontally, which would allow for more vehicles to use the same space. The need for parking may also decrease.</p> <p>The discussion that followed the presentation included how autonomous vehicles would impact law enforcement and local communities. It was agreed that outreach should be conducted with the League of Municipalities to share as much information as possible due to the potential impact on communities. Mr. Lacy agreed to keep the Committee apprised of the changes surrounding autonomous vehicles.</p>
ACTIONS TAKEN	NONE TAKEN
3. Adjournment	
ACTIONS TAKEN	Chair Tarleton adjourned the meeting.



HIGHWAYS COMMITTEE AGENDA

BOARD OF TRANSPORTATION JANUARY 6, 2021

TIME: 10:30 AM – 11:30 AM

LOCATION: Microsoft TEAMS Meeting

TOPIC	PRESENTER	TIME
Call to Order Roll Call Declaration of Quorum Approval of November 4, 2020 Meeting Minutes	Mr. Cullie Tarleton, Chairman	10:30 AM
NCDOT Roadside Environmental Program	Mr. David Harris, P.E., State Roadside Environmental Engineer, NCDOT Roadside Environmental Unit	10:35 AM
NCDOT Bridge Program	Mr. Brian Hanks, P.E., State Structures Engineer, NCDOT Structures Management Unit	11:00 AM
Other Discussion	Mr. Cullie Tarleton	11:25 AM
Adjourn	All	11:30 AM



NORTH CAROLINA
Department of Transportation



Bridge Program Update

Brian Hanks, PE

January 6, 2021

Overview

- State Bridge Program Funding
- Bridge Condition Update
- Bridge Replacement Selection Process
- High Value Bridge Preservation
- Future Preservation Project

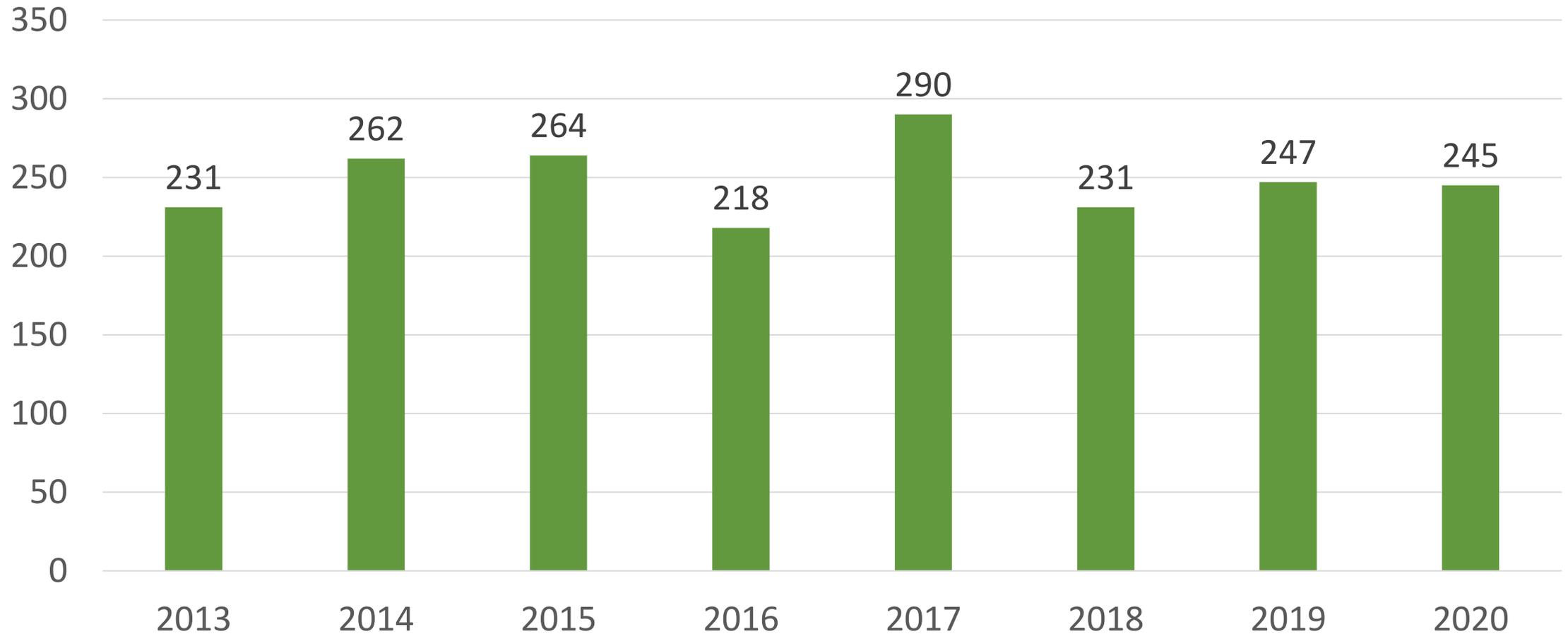
State Bridge Program Funding

Program	2015	2016	2017	2018	2019	2020	2021
Bridge Program	\$150M	\$242M	\$242M	\$280M	\$272M	\$201M	\$273M
Bridge Preservation	-	-	-	\$80M	\$82M	\$76M	\$60M

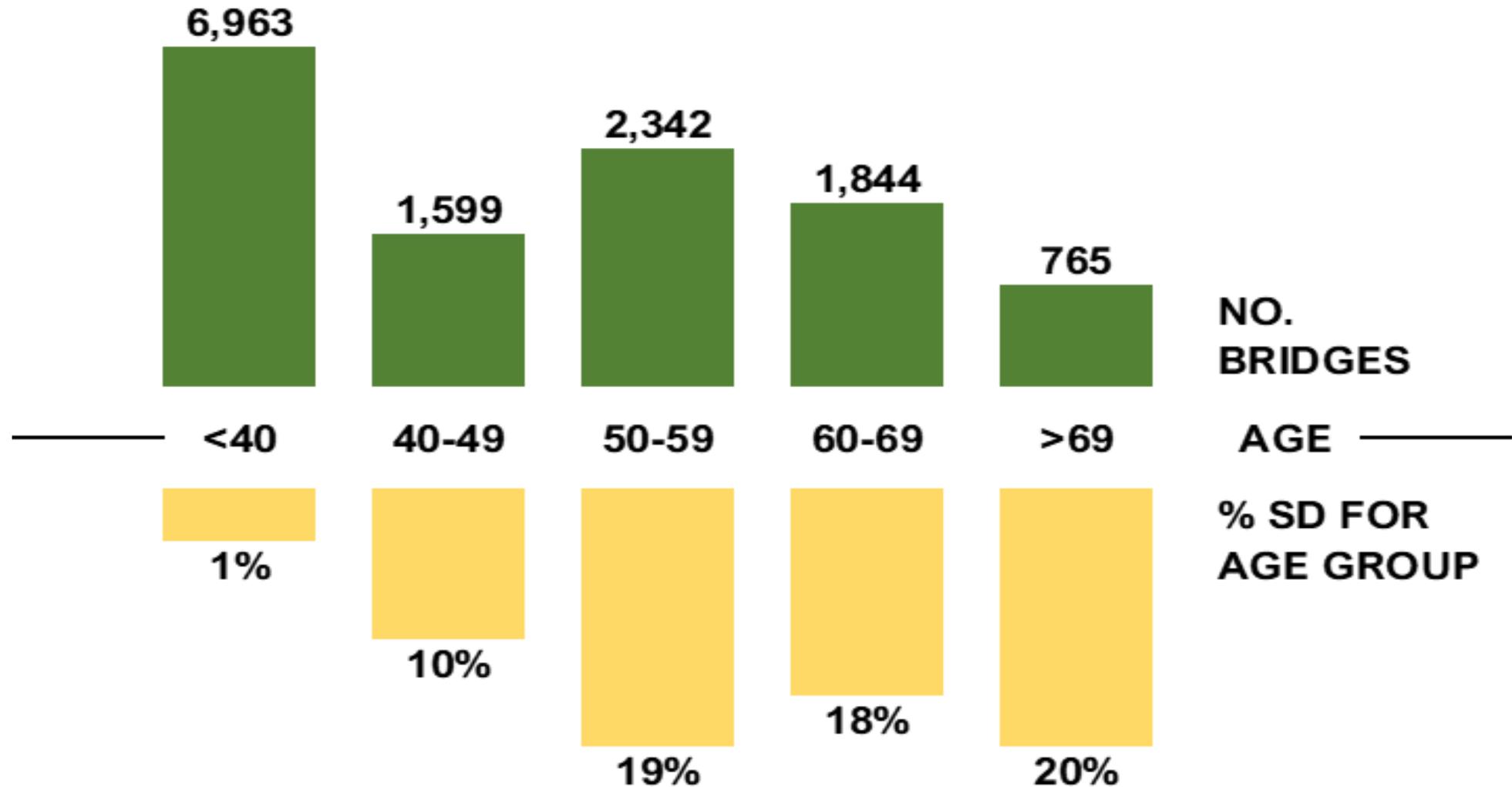
Bridge Condition Update

GOALS			2014			CURRENT		
10% Deficient			16.4% Deficient			8.6% Deficient		
2%	6%	15%	4%	9%	21%	3%	6%	11%
Interstate	Primary	Secondary	Interstate	Primary	Secondary	Interstate	Primary	Secondary

New Deficient Bridges 2013-2020



Bridge Age vs. Percent Deficient



Bridge Replacement Selection Process

- Deficient bridges are prioritized using the Priority Replacement Index (PRI)
- PRI – score given to each bridge that is dependent on performance measures
 - Condition (Deck, Beams, Foundation)
 - Average Daily Traffic
 - Sufficiency Rating & Deficiency Points
- PRI Score Range (0 – 120)
 - 0 – 29 “Candidate”
 - 30 – 49 “Good Candidate”
 - 50 and higher “Very Good Candidate”

Bridge Replacement Selection Process

- PRI used by Structures Management and Divisions as a guide to develop the 5-year Bridge Maintenance Improvement Plan (BMIP)
- Structures Management - bridges on the Interstate & Primary Systems
- Divisions – bridges on the Secondary System
- Structures Management and Divisions coordinate project schedules to address critical needs and avoid conflicts with other projects.

High Value Bridge Preservation

Replacement Costs Between
\$20M & \$400M

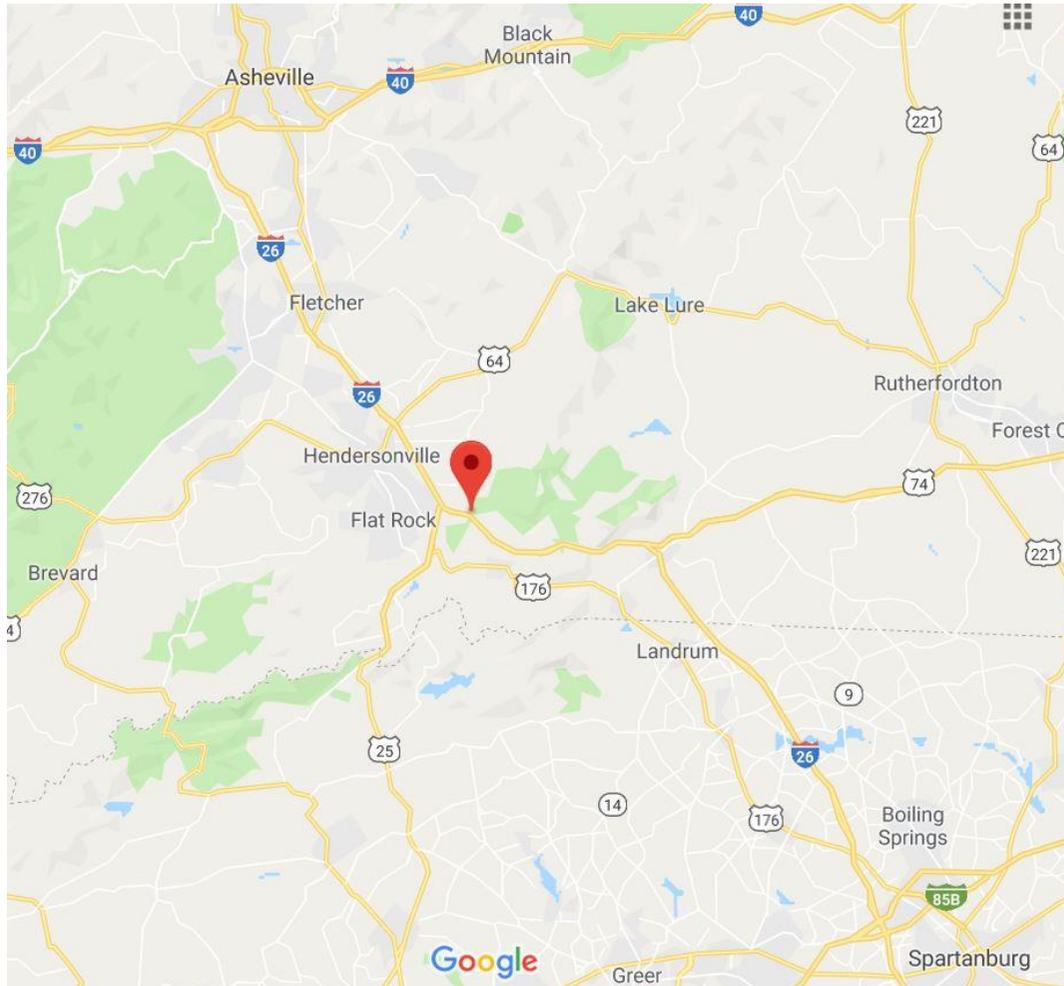
Over **200** bridges

Total Replacement Costs:
over **\$9 Billion**

Total Preservation Needs:
\$300M to maintain good
condition or prevent
becoming deficient



Future Preservation Project



I-26 over Green River Gorge – Built in 1968

Dual bridges connecting Greenville, SC and points South and East to Asheville, Tennessee, and points North and West

Average Daily Traffic: 17,500 (23% Trucks)

Current Condition: Fair with Poor riding surface

Future Preservation Project

Second Tallest Bridge(s) in North Carolina

Estimated Replacement Cost: \$60M

Preservation Project Cost: \$14M

Preservation Needs:

- New bridge deck (widen and connect bridge decks)
- New barrier rails
- Steel beam repairs & painting
- Foundation upgrades

Preservation Results:

- Restore to Good Condition
- 50+ year life extension



Summary

- Making progress toward goals
- Need to focus on Interstate & Primary system
- Replacement projects addressing deficient bridges
- Preservation assists with:
 - Extending bridge service life
 - Slowing the number of bridges becoming deficient



NORTH CAROLINA
Department of Transportation



Roadside Environmental

David Harris, PE

State Roadside Environmental Engineer

January 6, 2021

Roadside Environmental Unit

- Roadside Management
- Environmental Compliance
- Aesthetics
- Rest Areas
- Stormwater
- Environmental Remediation



Roadside Management

- Mowing
- Litter Management
- Trimming (Signs & Guardrails)
- Brush and Tree
- Invasive Weed Control
- Aesthetics
- Rest Areas



Aesthetics

- Wildflower Program
- Daylily Program
- Ornamental Beds
- Aesthetic Engineering



Aesthetics

- Wildflower Program
- Daylily Program
- Ornamental Beds
- Aesthetic Engineering



Aesthetics

- Wildflower Program
- Daylily Program
- Ornamental Beds
- Aesthetic Engineering



Rest Areas

- 9 Welcome Centers
- 60 Rest Area Facilities

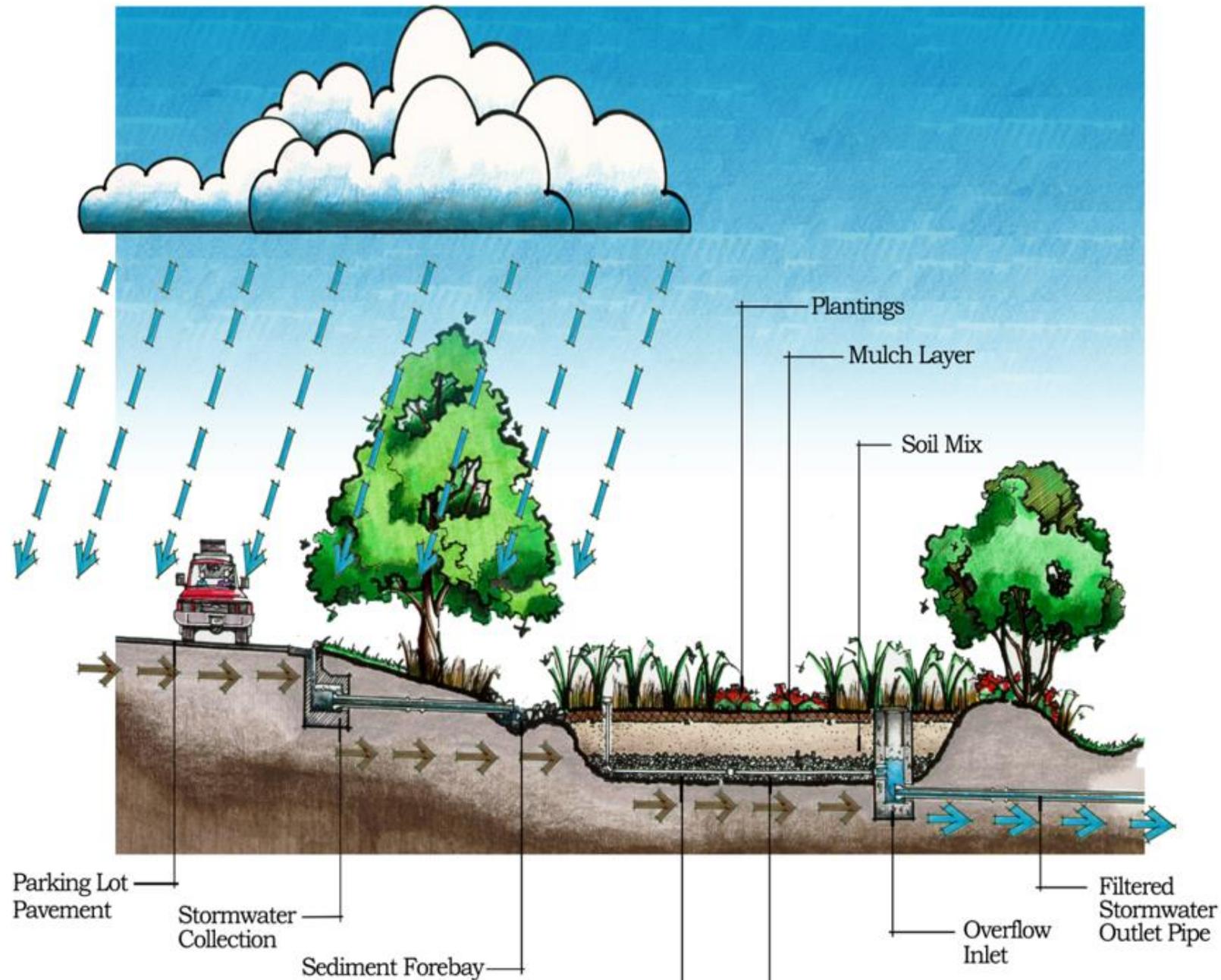


Environmental Compliance

- Erosion and Sediment Control Program
- 401 & 404 Permit Compliance

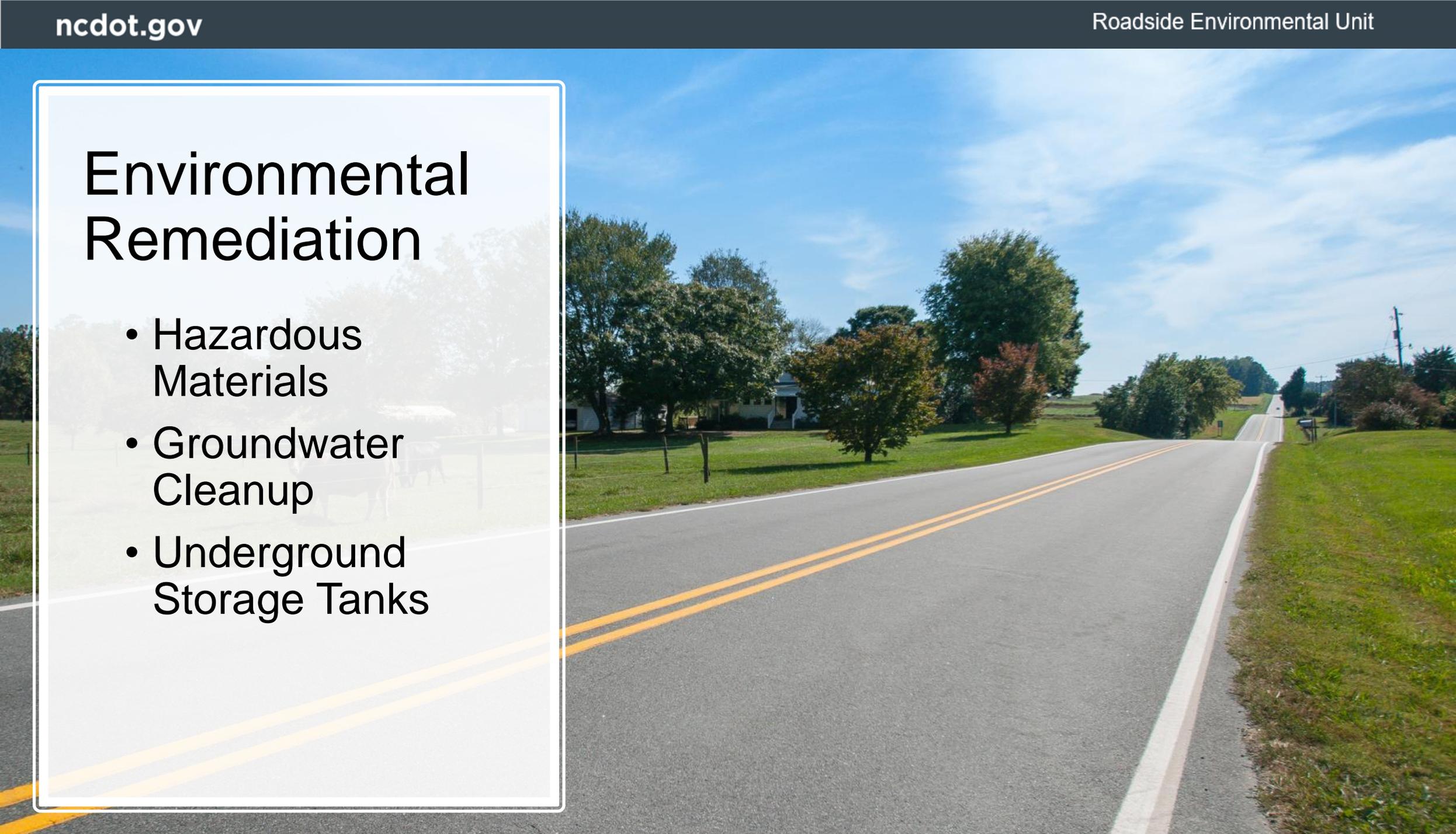


Stormwater



Environmental Remediation

- Hazardous Materials
- Groundwater Cleanup
- Underground Storage Tanks



Roadside Management



2018 Roadside Management

- Legislature authorized a portion of the of the Departments funds to be used for Roadside Management Activities.
- \$104 Million



2018 Roadside Management

- Contracts Adjusted
- Increased Cycles
- Met with Roadside Management Industry
- Focused target dates on the Holidays
- Divisions synchronized their work.



2019 Roadside Management

- Mowing 6 Cycles
- Litter 12 – 24 Cycles
- Trimming around signs, guardrails, and Bridges
- Landscape Beds Maintained
- Brush and Tree Managed
- Rest Areas Maintained



Roadside Management

- Memorial Day
- July 4th
- Labor Day
- Thanksgiving
- Litter Cleanup 12 Months



2019 Roadside Management

Roadside Management	2019
Mowing Operations	\$41,639,811
Brush and Tree	\$35,115,633
Litter Management	\$18,564,873
Rest Areas	\$15,741,692
Trimming around Stationary Objects	\$8,395,961
Landscape Plant Bed Maintenance	\$6,624,412
Turf Management	\$1,724,480
Grand Total	\$127,806,863

Roadside Management Goals Achieved



2020 Roadside Management

- Mowing 3 Cycles
- Litter 0 – 6 Cycles
- Stationary Objects
- Landscape Beds Maintained
- Brush and Tree

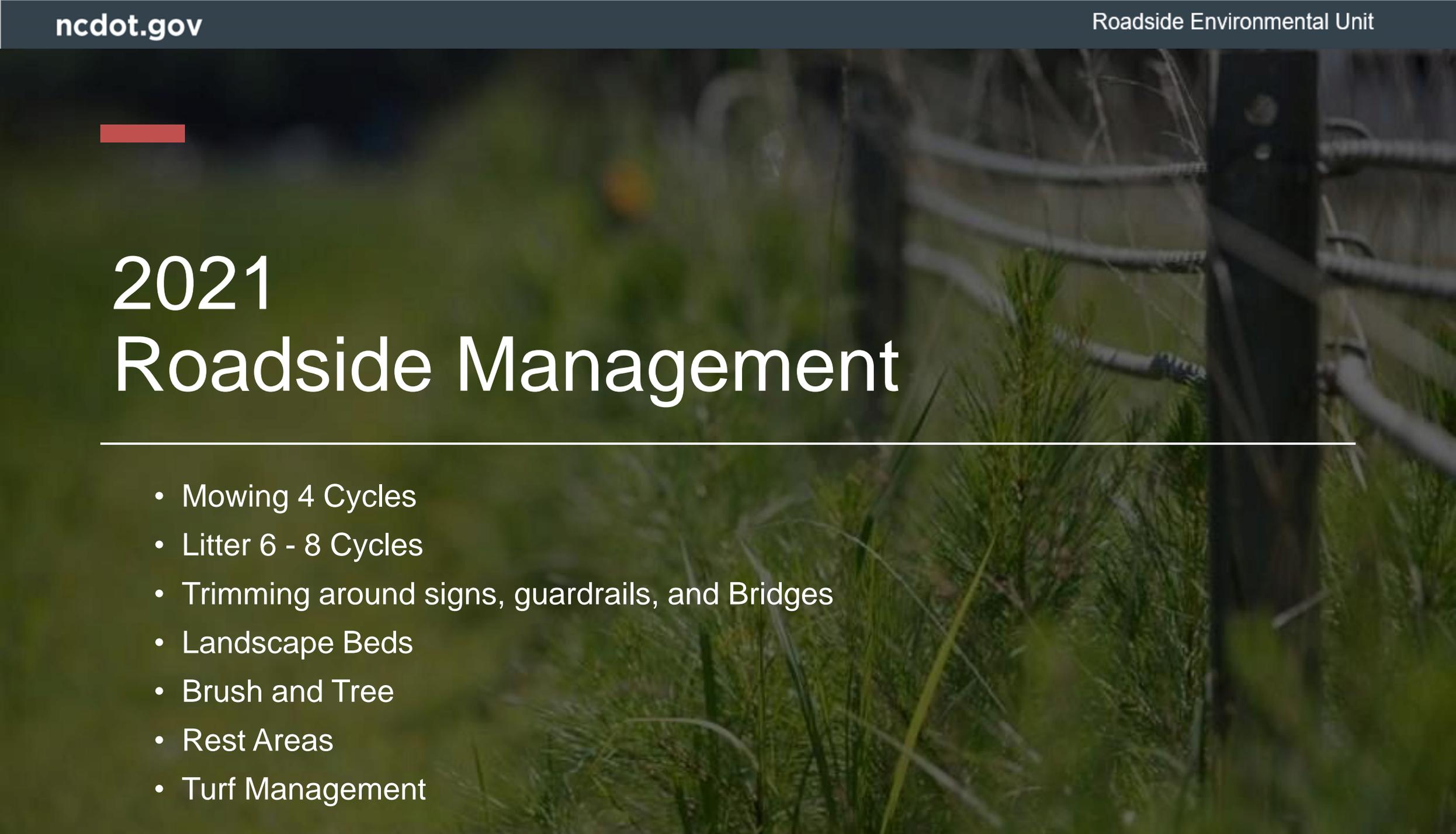






2020 Roadside Management

Roadside Management	2019	2020
Mowing Operations	\$41,639,811	\$28,311,022
Brush and Tree	\$35,115,633	\$7,943,103
Litter Management	\$18,564,873	\$9,335,473
Rest Areas	\$15,741,692	\$13,972,968
Trimming around Stationary Objects	\$8,395,961	\$4,121,664
Landscape Plant Bed Maintenance	\$6,624,412	\$3,062,775
Turf Management	\$1,724,480	\$427,306
Grand Total	\$127,806,863	\$67,174,313



2021 Roadside Management

- Mowing 4 Cycles
- Litter 6 - 8 Cycles
- Trimming around signs, guardrails, and Bridges
- Landscape Beds
- Brush and Tree
- Rest Areas
- Turf Management

2021 Roadside Management

- Reality
 - \$90 Million
Allocation
- Roadside Needs
 - \$140 Million





Divisions Working Hard to
Manage Roadside



Litter Management

- Adopt A- Highway
- Sponsor-A-Highway
- Contractor Litter Crews
- Sherriff Offices
- DOT Crews
- Public Education
- Anti-Littering Campaigns – PIO Office



2021 Roadside Management

- Wildflower Program
- Personal License Plate Funds
- \$1.4 Million/Year







David B Harris, PE
State Roadside Environmental Engineer
davidharris@ncdot.gov



MULTI-MODAL TRANSPORTATION COMMITTEE MEETING MINUTES

DATE: 11/04/2020 TIME: 11:45 AM LOCATION: Via Microsoft Teams

MEETING CALLED BY	Chair Moran
BOARD ATTENDEES	Chairman Allen Moran, Vice Chairwoman Valerie Jordan, Board Member Tony Lathrop, Board Member Melvin Mitchell, Board Member Bradley Lail, Board Member Landon Zimmer, Board Member Billy Clarke and Board Member Chuck McGrady

AGENDA TOPICS

<p>1. Call to Order, Roll Call, Declaration of Quorum, Non-Conflict Statement and Consideration of the September 2, 2020, Meeting Minutes – Chair Moran</p>	
<p>DISCUSSION SUMMARY</p>	<p>Chair Moran stated for members that given the circumstances surrounding COVID-19 and the change in law related to public meetings, the meeting will include the following:</p> <ul style="list-style-type: none"> • <i>implementing a roll call voting system for all actions</i> • <i>ensuring that the meeting minutes of the remote meeting reflect that the meeting was conducted by use of simultaneous communication, denoting the name of members participating by simultaneous communication, and recording when members join or leave the remote meeting</i> <p>Additionally, Chair Moran stated that he would like to take this time to also remind members that all chats, instant messages, texts, or other written communications between members of the Board regarding the transaction of the public business during this remote meeting are deemed a public record</p> <p>Chair Moran called the meeting to order, conducted a roll call of members present, and declared a quorum was present.</p> <p>Chair Moran read the non-conflict/ethics statement and asked if there were any known conflicts or appearances of conflicts of interest.</p> <p>Chair Moran stated the meeting minutes were distributed prior to the meeting, and if there are no additions or corrections, the Chair would accept a motion that the minutes from the September 2, 2020, meeting be approved as submitted.</p>
<p>ACTIONS TAKEN</p>	<p>Chair Moran asked for a motion to approve the September 2, 2020, meeting minutes.</p> <p>Board member Zimmer made the motion to approve the minutes and Board member Clarke provided the second.</p> <p>Chair Moran took a roll call vote. Vice Chairwoman Valerie Jordan, Board Member Tony Lathrop, Board Member Melvin Mitchell, Board Member Bradley Lail, Board Member Landon Zimmer, Board Member Billy Clarke and Board Member Chuck McGrady individually voted in favor of approving the minutes and the September 2, 2020, minutes were approved unanimously.</p>



MULTI-MODAL TRANSPORTATION COMMITTEE MEETING MINUTES

2. Funding Item for Aviation - Julie White, Deputy Secretary for Multi-Modal Transportation	
DISCUSSION SUMMARY	Information was presented for Aviation Funding Items.
ACTIONS TAKEN	Board Member Billy Clarke made a motion to approve Aviation Funding items, Board Member Chuck McGrady second the motion and Chair Moran took a roll call vote. Vice Chairwoman Valerie Jordan, Board Member Tony Lathrop, Board Member Melvin Mitchell, Board Member Bradley Lail, Board Member Landon Zimmer, Board Member Billy Clarke and Board Member Chuck McGrady
3. While We Were Working from Home – Julie White, Deputy Secretary for Multi-Modal Transportation	
DISCUSSION SUMMARY	Julie reviewed the work that has been done in the modes during COVID including the discretionary federal grants won, how the modes are ensuring safe movement of passengers on ferries, buses and rail during COVID, how the Integrated Mobility Division is supporting transit systems with their response to COVID with the NC Transit Cares initiative, that CASSI will be doing a test run at the Wright Brothers Memorial, and how the drone program has expanded its delivery program.
ACTIONS TAKEN	NONE TAKEN
4. CARES Act Implementation and NC Transit Cares - Heather Hildebrandt, Integrated Mobility Division Interim Director, Ryan Brumfield, Integrated Mobility Division Innovations and Data Branch Manager	
DISCUSSION SUMMARY	<p>CARES Act (The Coronavirus Aide, Relief, and Economic Security) - \$25 billion in funding to support the transit industry response for COVID-19</p> <p>Beginning January 20, 2020, all activities normally eligible under the Urbanized Area (49 USC 5307) and Rural Area (49 USC 5311) formula programs are eligible for CARES Act funding, including planning, capital (preventive maintenance, rolling stock, equipment, etc.) and operating.</p> <p>Total CARES Act Funding for North Carolina - \$322,395,741</p> <p>Heather covered the methodology for allocation, transit system communication and the ongoing funding needs assessment.</p> <p>FY 2020 Grant Management Metrics: 47 grant programs managed, 169 grant agreements processed with 89 unique grantees, 898 claims processed totaling \$39.5 Million.</p> <p>Ryan presented on the NC Transit Cares Initiative - Challenge/Solution Areas Identified: Keeping passengers and operators safe, increasing and maintaining ridership levels, restoring revenue and funding lost due to COVID-19 and moving to new service models as needs evolve.</p>



MULTI-MODAL TRANSPORTATION COMMITTEE MEETING MINUTES

ACTIONS TAKEN	NONE TAKEN
5. COVID-19 Impacts on Rural Transit in NC – Kim Angel, Macon County Transit Director	
DISCUSSION SUMMARY	<p>Impacts and Changes to Service</p> <p>Impacts on Revenue</p> <p>Increase in Cost to Provide Trips</p> <p>How CARES Funds Could Have Been Used If No State Funding Losses</p> <p>Gaps Not Covered By CARES</p> <p>How CARES Funds Could Have Been Used If No State Funding Losses</p>
ACTIONS TAKEN	NONE TAKEN
6. COVID-19 Impacts on Urban Transit in NC – Chuck Lattuca, CEO for GoTriangle	
DISCUSSION SUMMARY	<p>Before the pandemic, GoTriangle was providing more than 1.8 million trips a year through its regional bus and paratransit services. However, Covid-19 has cut that number by more than 50%.</p> <p>Regionally, the transit providers in the Triangle; GoTriangle and GoRaleigh, GoDurham, GoCary and Chapel Hill Transit carry more than 21 million trips per year on more than 450 buses and paratransit vehicles. We also employ more than 1,100 people.</p> <p>Since the pandemic began, GoTriangle and its regional partners have coordinated their efforts to protect employees and COVID has seriously affected our financial picture.</p> <p>For GoTriangle, the ongoing suspension of fares costs more than \$100,000 per month.</p> <p>About \$47 million in new transit projects were put on hold in FY 21 until the financial picture clears up.</p> <p>Ultimately, the loss of tax revenue could delay critical projects that are now in the planning stage, including the Triangle commuter rail line and bus rapid transit projects.</p> <p>For fiscal year 2021, which started July 1, CARES Act funding has helped GoTriangle fill some of the financial gaps created by COVID-19.</p> <p>All fare collection in the Triangle is suspended. GoTriangle and its transit partners would like to reinstate fares early next year, but that will not significantly improve our financial situation, ridership across the Triangle is still well below pre-Covid-19 levels (GoTriangle boardings are down 45% as compared to this time last year).</p>



MULTI-MODAL TRANSPORTATION COMMITTEE MEETING MINUTES

	<p>Cuts to the State Maintenance Assistance Program resulted in a \$2 million loss for GoTriangle bus operations and maintenance (3.6% of our overall budget). Our transit partners in the region have experienced similar losses.</p> <p>Due to lower passenger volumes, and to help deal with revenue losses, GoTriangle recently had to make service changes (suspend two routes) that affect important activity centers such as Research Triangle Park and Raleigh-Durham International Airport. Our partner agencies have taken similar steps to conserve dollars.</p> <p>To maintain the essential community service, continue moving forward with critical capital projects and avoid further service reductions, GoTriangle and our transit partners need the support of our federal and state governments.</p> <p>State support for additional CARES Act funding and restoration of the SMAP program would go a long way toward helping GoTriangle and our transit partners navigate uncertain times.</p>
ACTIONS TAKEN	NONE TAKEN
7. Adjournment	
ACTIONS TAKEN	<p>Chair Moran asked for a motion to adjourn the November 4, 2020, meeting.</p> <p>Board member McGrady made the motion to adjourn the meeting and Board member Zimmer provided the second.</p> <p>Chair Moran took a roll call vote. Vice Chairwoman Valerie Jordan, Board Member Melvin Mitchell, Board Member Bradley Lail, Board Member Landon Zimmer, Board Member Billy Clarke and Board Member Chuck McGrady individually voted in favor of adjourning the meeting. The meeting was adjourned unanimously.</p>



MULTI-MODAL TRANSPORTATION COMMITTEE MEETING AGENDA

BOARD OF TRANSPORTATION JANUARY 6, 2021

TIME: 10:30 AM

**Members of the Board will participate in the meeting via Microsoft Teams.
Members of the public may view the meeting by clicking on the following link:
<https://livestream.com/nc-dot>**

TOPIC	PRESENTER	TIME
Welcome Call to Order Roll Call Declaration of Quorum Approval of November 4, 2020 Meeting Minutes	Chairman Allen Moran	5 Mins
Opening Remarks	Chairman Allen Moran	5 Mins
Funding Items	Multi-Modal Directors	5 Mins
Multi-Modal Updates	Julie White Deputy Secretary for Multi- Modal Transportation	5 Mins
Innovations in the Modes: Innovative Work in the UAS Space	Ben Spain Division of Aviation UAS Program Manager	15 Mins
Innovations in the Modes: Rural Microtransit Pilot	Ryan Brumfield Integrated Mobility Division Innovations and Data Branch Manager	15 Mins
Adjourn	Chairman Allen Moran	5 Mins



NORTH CAROLINA
Department of Transportation



Innovative Work in the UAS Space

Ben Spain, UAS Program Manager
Division of Aviation

January 6, 2021

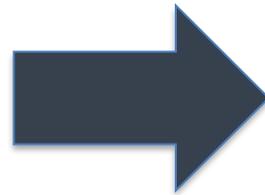
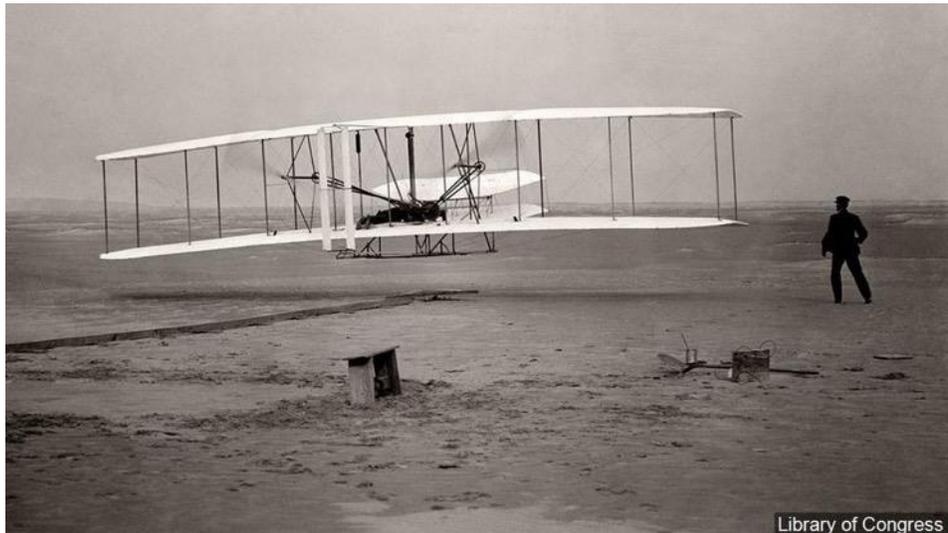
UAS Program at a Glance

- Within Division of Aviation
- Rapidly Growing
 - 3 Full Time Employees
 - 28 Certified Pilots
 - 20 Drones
- National leader



What do we want?

- Keep North Carolina “First in Flight”
- Provide our citizens safe, efficient transportation infrastructure
 - Support traditional modes of transportation (roads, rail, etc.)
 - Support developing modes of transportation (drones, urban air mobility)



NCDOT – Our Drone Operations

We've tried a lot of things...

- Wetlands Mapping
- Submerged aquatic vegetation monitoring
- Bridge inspections
- Endangered and threatened species monitoring
- Erosion Control Monitoring
- Landslide Modeling
- Traffic accident scene capture/modeling
- Earthworks modelling and measuring
- Wildflower site planning
- Construction site monitoring
- Hurricane damage assessments
- Sign Inspections



Time to Focus...

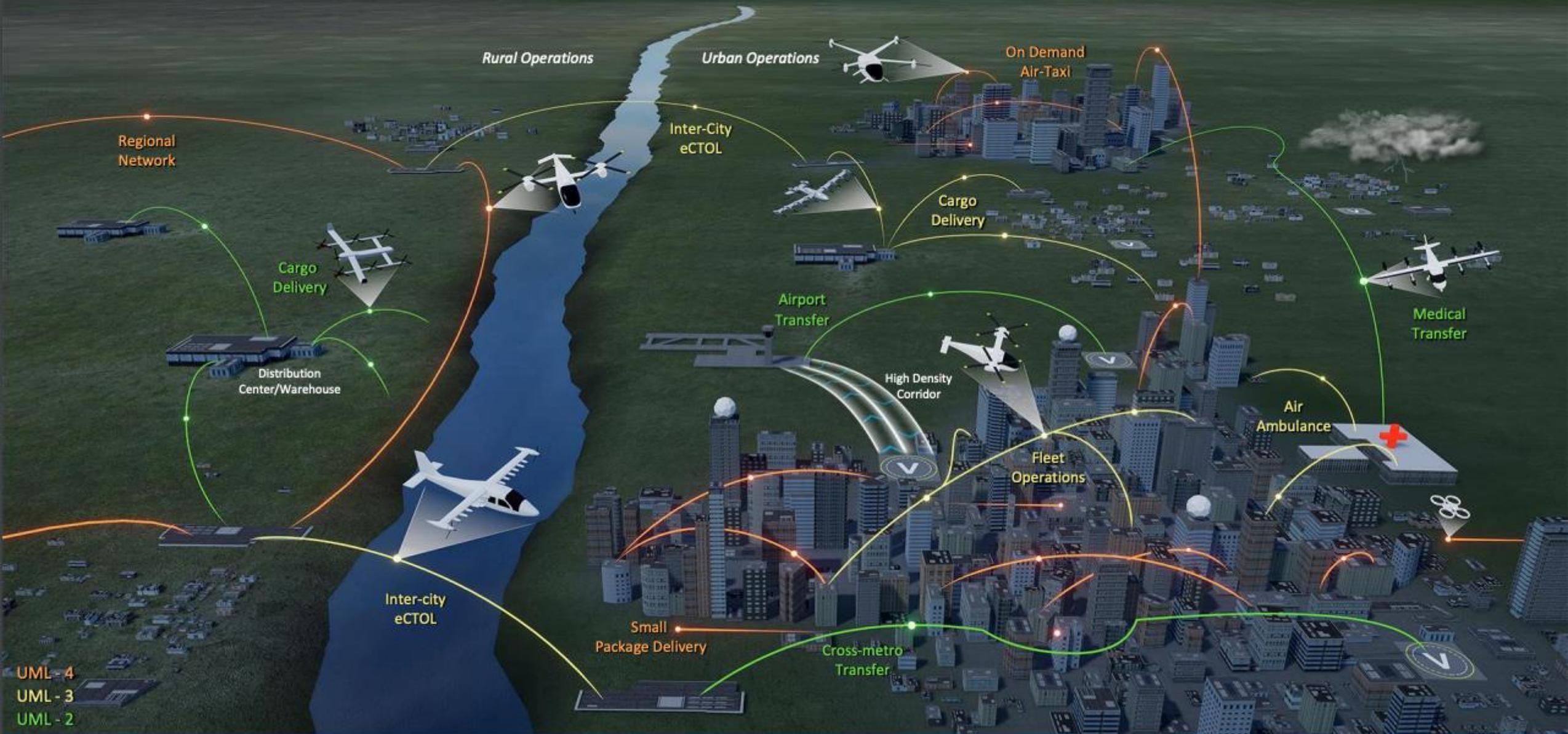
- Need:
 - Statewide applicability
 - Ease of Use
- Chose two things:
 - Bridges (Structures Management)
 - Earthworks (Locations & Surveys)
- Routine use leads to ancillary benefits (hurricane response)



Developing New Infrastructure



Advanced Air Mobility (AAM) Mission



UML - 4
UML - 3
UML - 2

Develop validated AAM System Architectures that define a safe, certifiable, and scalable system

What do we need to unlock potential?

- Beyond Visual Line of Sight (BVLOS) Technology (hardware)
- Unmanned Traffic Management (software)
- Regulatory Advancement
- New physical infrastructure



LEADING THE WAY

FAA UAS Integration Pilot Program

North Carolina's Participation

- Tests local UAS package delivery within rural, suburban and urban areas in North Carolina
- Focus:
 - Medical package delivery
 - Food delivery
 - Transportation infrastructure inspection



LEADING THE WAY

FAA UAS Integration Pilot Program

The image features a map of North Carolina with five black dots indicating drone delivery locations. Arrows point from various logos to these dots. The logos include:

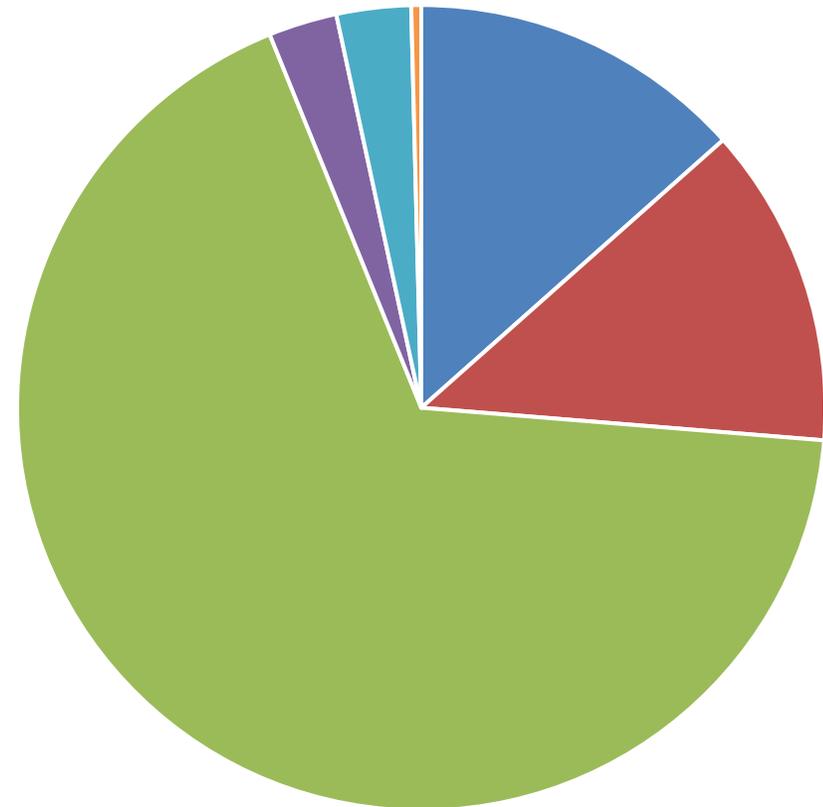
- MATTERNET** (snowflake icon)
- ups** (yellow shield)
- Wake Forest™ Baptist Health** (wavy lines icon)
- WakeMed** (red and white star icon) and **WakeMed Health & Hospitals**
- zipline** (red and white text)
- NOVANT™ HEALTH** (purple and white text)
- Walmart** (blue and yellow text)
- CAUSEY AVIATION UNMANNED FLYTREX** (drone icon)
- MERCK** (green and white icon)
- VOLANSI** (black and white icon)
- VIDANT HEALTH™** (blue and white icon)

The **STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION** logo is also present in the center of the map.

Locations of routine drone package delivery operations.

Flights Totals

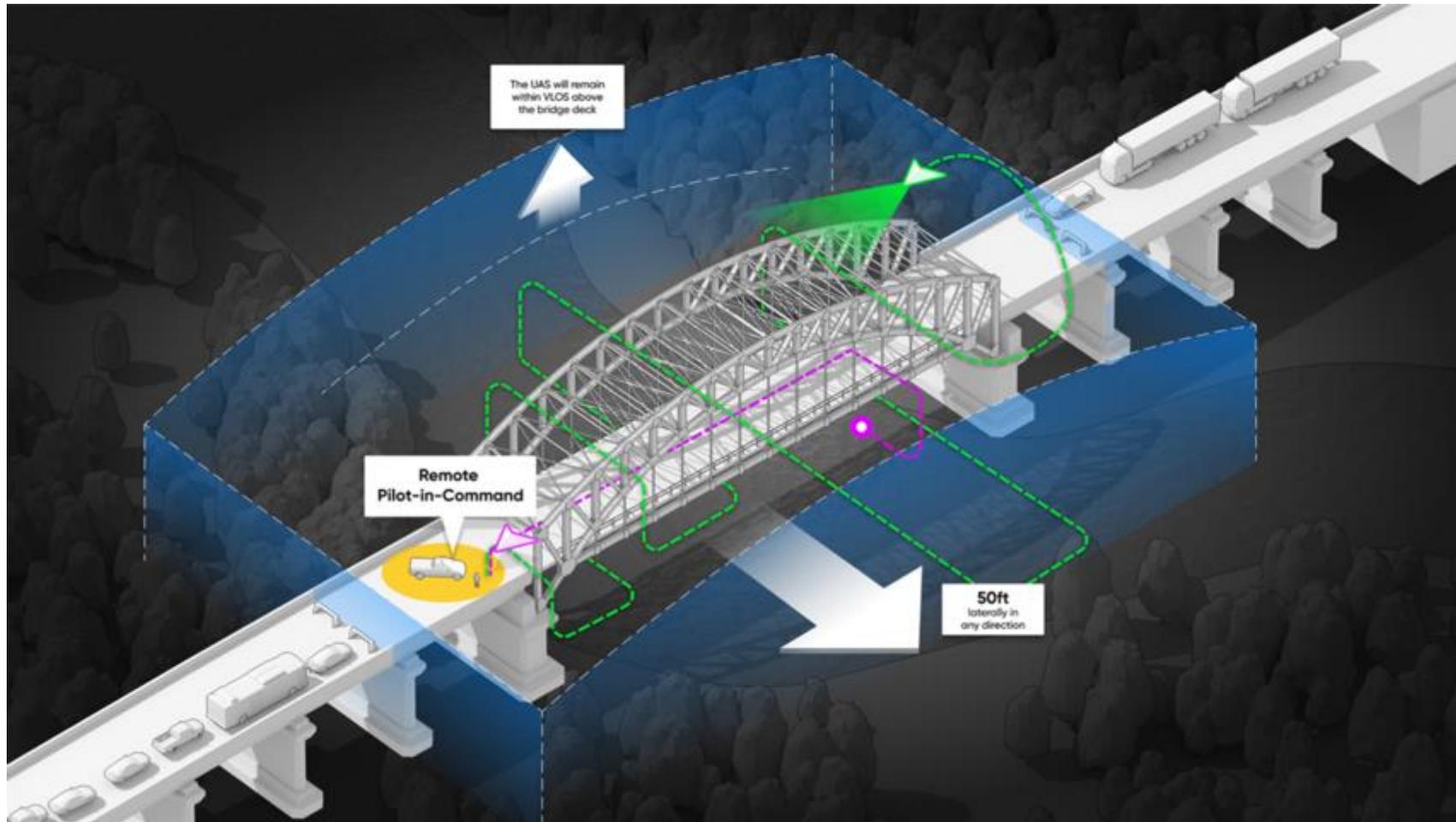
- 12,792 flights conducted under NC UAS IPP
- Medical package delivery focus accounted for 94% of operations
- Operations both under Part 135 and Part 107



■ Matternet ■ UPS ■ Zipline ■ Flytrex ■ NCDOT ■ Volansi

BVLOS Bridge Inspection

STATEWIDE IN NC



Next Step: BEYOND

- Focus on BVLOS applications to:
 - Package Delivery
 - Public Safety
 - Infrastructure Inspection
- No clear path forward for non-cooperative detection





NORTH CAROLINA

Department of Transportation



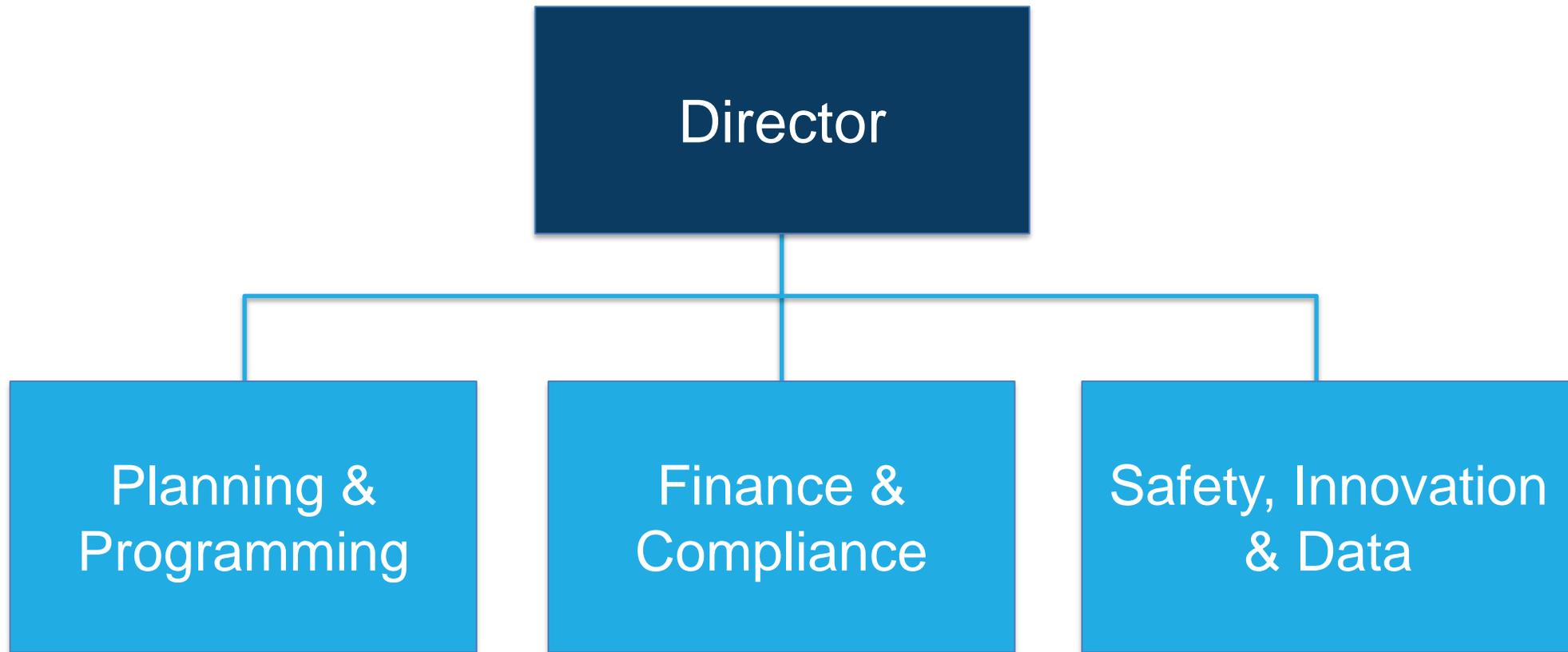
Rural Microtransit Pilot

Ryan Brumfield
Integrated Mobility Division
January 6, 2021

The Landscape of Mobility is Changing



Integrated Mobility Division Organization





Safety, Innovation and Data Branch

- Innovative pilots, new technology deployment, thought leader on emerging mobility trends
- Transit, bike and ped safety, education and training
- Data collection and analysis
- Research studies



Integrated Mobility Leads in COVID Response through NC Transit Cares



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

1

Keeping passengers and employees safe and healthy

2

Increasing and maintaining ridership levels

3

Restoring revenue and funding lost due to COVID-19

4

Moving to new service models as needs evolve

Research grant being submitted by NCDOT, UNC and Johns Hopkins to FTA's COVID-19 Research Demonstration Grant Program to aid NC transit agencies in effective indoor air management.

Innovation Process

1. Understand emerging mobility trends and challenges
2. Develop ideas
3. Secure grant funding
4. Pilot innovations
5. Deploy broadly and disseminate best practices

Recent Examples



NCCARE360

Mobility for All
Project

Wilson
Microtransit



HOPE Grant –
electric vehicle
deployment

Multimodal Innovations Webinar Series



2020

Oct. 21

Microtransit featuring Wilson and Via

Nov. 12

The Bicycle and Pedestrian Explosion in COVID: What is the data showing and how can we maintain it?

Dec. 15

Non-Motorized Policies and Programs

2021

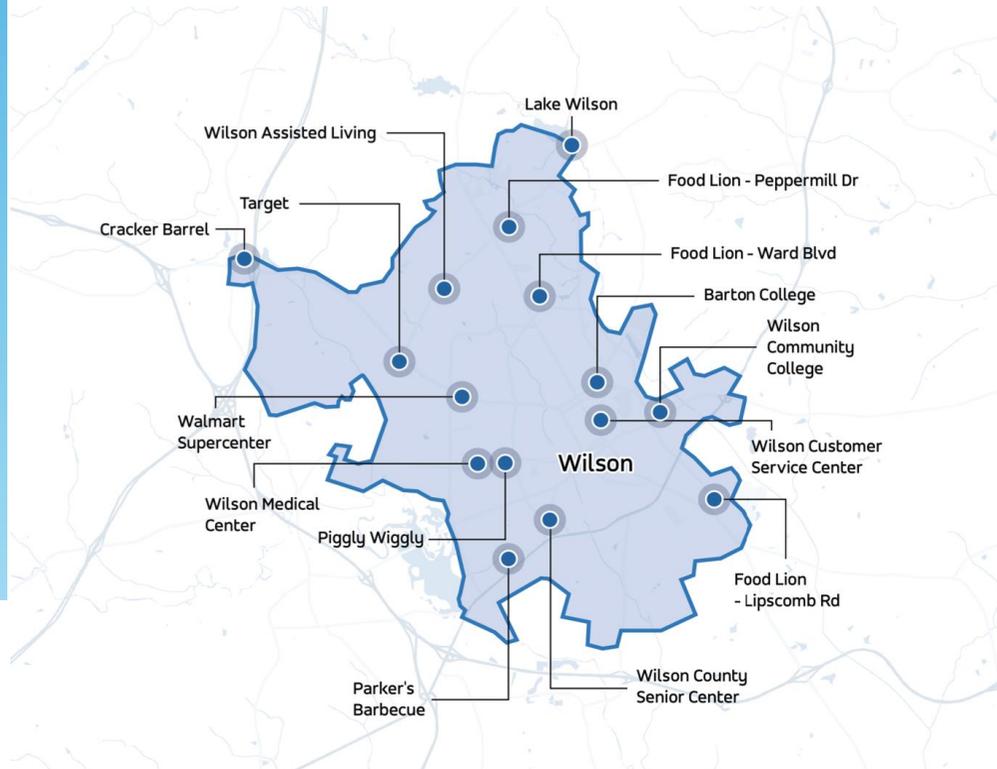
Jan. 26

Leveraging new rail access and transit-oriented development to spur economic growth



Case Study: Wilson Microtransit

Paving the way for economic mobility in a rural community



“We believe RIDE will not only provide a better service for current transit riders, it creates a new, convenient, and modern transportation option anyone can access.”

—Grant Goings, City Manager

Wilson's Goals

Drive economic growth by connecting Wilsonians with more jobs

Improve access to critical resources - healthcare, food, government, fixed route transit, etc.

Grow ridership with convenient and tech-enabled experience

Deliver a higher quality of service for comparable cost to today's fixed route

Ability to experiment with minimal long term capital investment or risk



Innovative Solution



6 DAYS A WEEK

mon - sat
7am - 6pm

SEPT 1
launch

FLAT FARES

\$1.50 base price
+ 1s - \$1
children under 8 free
select seniors free
disabled id card holders 1/2 fare

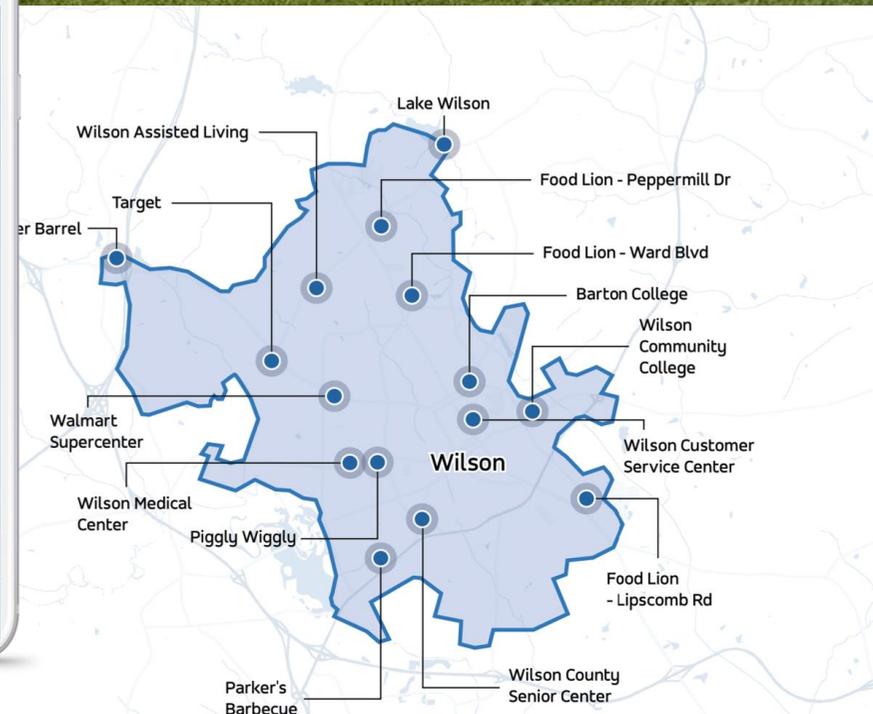
No more waiting for the bus.

Book rides on your phone on the app or by calling in.
Get a ride within minutes.

First 10 rides in September are free!

What looks different:

- Service throughout the entire city
- 15 minute wait times
- Customized rider accounts
- Booking through an app
- On-demand – no more bus stops
- Smaller, branded vans
- Credit card & voucher payment



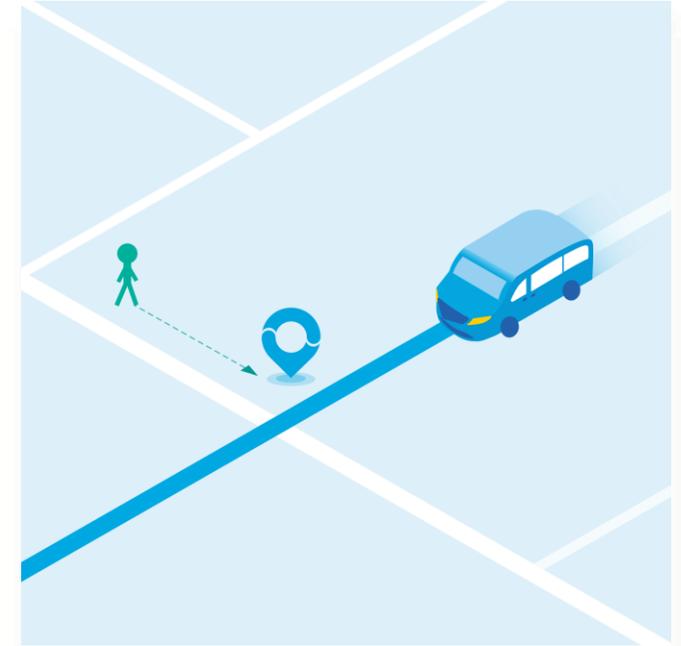
How the technology works: smart rides with virtual stops.



**Pairs riders
traveling along the
same path**

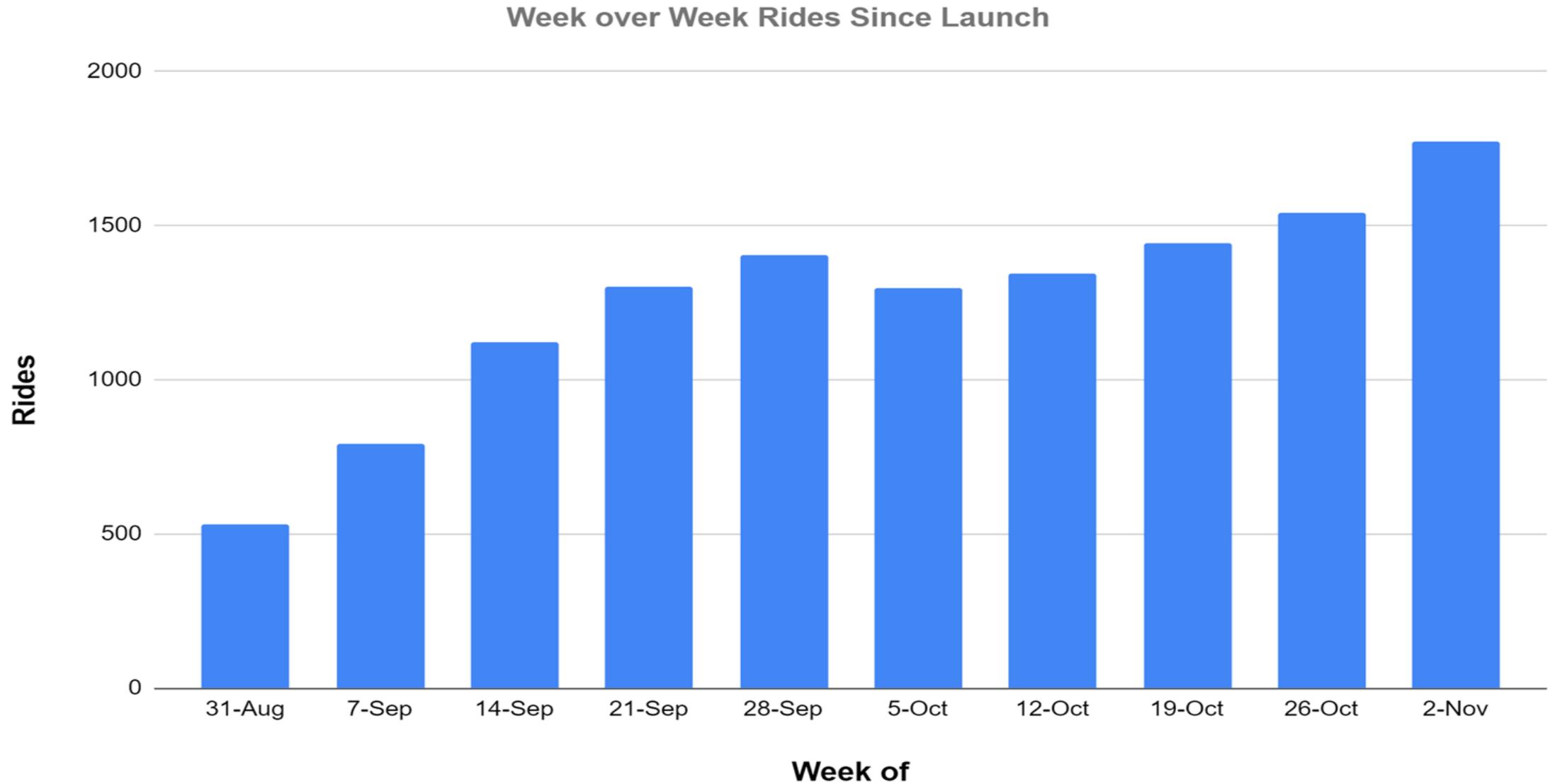


**Matches riders with the
best vehicle for that
shared journey**



**Directs riders and
drivers dynamically to
the best virtual stop**

Ridership has grown quickly since launch (even during COVID-19)



14,184

Rides

Passenger Transports

12,554

Trips

Distinct Bookings

797

Riders

Unique Riders Who Have
Made at Least 1 Booking

74%

**App
Bookings**

26%

**Phone
Bookings**

And the riders love it!

Average Wait Time	11.6 minutes
Average Trip Duration	9.1 minutes
Average Rider Rating	4.8/5 stars

“ Fast, fast service.”

“ Great driver. Smooth ride!!”

“ Can I please request Ms. Pamela for all my Via trips? Ms. Pamela was so nice. Perfect customer service. Job well done.”

Wilson and NCDOT win FTA AIM Grant

- September 2020 – FTA awarded NCDOT and Wilson a competitive grant for \$250,000 as part of the Accelerating Innovation Mobility Program.
- Funds will be used to expand service hours and coverage area.
- Close coordination with FTA's Office of Mobility Innovation



NCDOT Wins AASHTO Award

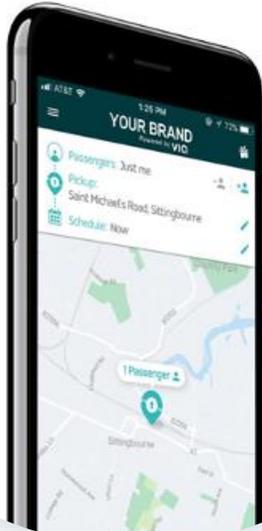
- November 2020 – AASHTO selected the Wilson Microtransit project as an Innovation Initiative focus technology.
- Award will include technical support from AASHTO to analyze benefits of the project and promote the project nationwide.



Technology Vision

- Residents can plan, schedule, and pay for all transportation in one place
- Truly on-demand transit (day-of or hour-of pickup) statewide with seamless cross-jurisdiction trips
- Equal access to opportunities, services and resources for all residents – similar cost and convenience to get places for those with or without a car

SaaS



Software-as-a-Service

Licensing Via's (or other software provider's) on-demand system to transit agencies and operators who prefer to use their own vehicles and drivers.

TaaS



Transportation-as-a-Service

Turnkey solution operated by Via (or other provider) on behalf of transit agency that includes technology, drivers, vehicles, and operations management.

MaaS



medium.com

Mobility-as-a-Service

Software solution connecting multiple transportation scheduling and payment systems.

Not too far away...

- All transit agencies already use scheduling software
- Multiple software vendors offer SaaS
- 1-2 year goal – statewide SaaS vendor, supplemented with TaaS in some locations, connected by MaaS



Routematch



QRyde

QRyde





NORTH CAROLINA

Department of Transportation



Ryan Brumfield
Integrated Mobility Division
rmbumfield@ncdot.gov
919-707-4674



ROAD, BRIDGE & FERRY NAMING COMMITTEE MEETING MINUTES

DATE: November 4, 2020 **TIME:** 4:15PM **LOCATION:** Via Microsoft Teams

MEETING CALLED BY	Chair Fox
BOARD ATTENDEES	Andy Perkins, Dirk Cody, Valerie Jordan, Hugh Overholt, Thomas Taft

AGENDA TOPICS

<p>1. Call to Order, Roll Call, Declaration of Quorum, Non-Conflict Statement and Consideration of the October 7, 2020 Minutes – Chair Fox</p>	
<p>DISCUSSION SUMMARY</p>	<p>Chair Fox stated for members that given the circumstances surrounding COVID-19 and the change in law related to public meetings, the meeting will include the following:</p> <ul style="list-style-type: none"> • <i>implementing a roll call voting system for all actions</i> • <i>ensuring that the meeting minutes of the remote meeting reflect that the meeting was conducted by use of simultaneous communication, denoting the name of members participating by simultaneous communication, and recording when members join or leave the remote meeting</i> <p>Additionally, Chair Fox stated that he would like to take this time to also remind members that all chats, instant messages, texts, or other written communications between members of the Board regarding the transaction of the public business during this remote meeting are deemed a public record</p> <p>Chair Fox called the meeting to order, conducted a roll call of members present, and declared a quorum was present.</p> <p>Chair Fox read the non-conflict/ethics statement and asked if there were any known conflicts or appearances of conflicts of interest.</p> <p>Chair Fox stated the meeting minutes were distributed prior to the meeting, and if there are no additions or corrections, the Chair would accept a motion that the minutes from the October 7, 2020 meeting be approved as submitted.</p>
<p>ACTIONS TAKEN</p>	<p>Chair Fox asked for a motion to approve the October 7, 2020 meeting minutes.</p> <p>Board member Perkins made the motion to approve the minutes and Board member Cody provided the second.</p> <p>Chair Fox took a roll call vote. Members Michael Fox, Andy Perkins, Dirk Cody, Valerie Jordan and Hugh Overholt individually voted in favor of approving the minutes and the October 7, 2020 minutes were approved unanimously.</p>



ROAD, BRIDGE & FERRY NAMING COMMITTEE MEETING MINUTES

2. Beloved Man, Dr. Jerry Wolfe Highway – Shelly Heath	
DISCUSSION SUMMARY	NC 441 from Exit 74 to the intersection of NC 19
ACTIONS TAKEN	<p>Motion to approve from Board Member Overholt, seconded by Board Member Cody.</p> <p>Chair Fox took a roll call vote. Members Michael Fox, Andy Perkins, Dirk Cody, Valerie Jordan, Hugh Overholt and Thomas Taft individually voted in favor.</p> <p>Motion to approve passed unanimously.</p>
3. Ronnie Milsap Highway – Shelly Heath	
DISCUSSION SUMMARY	US 129 from the intersection of Yellow Creek Road and US 129 North to the Graham County Bridge #33
ACTIONS TAKEN	<p>Motion to approve from Board Member Cody, seconded by Board Member Perkins.</p> <p>Chair Fox took a roll call vote. Members Michael Fox, Andy Perkins, Dirk Cody, Valerie Jordan, Hugh Overholt and Thomas Taft individually voted in favor.</p> <p>Motion to approve passed unanimously.</p>
4. Committee Discussion of Old Business Items – Kevin Lacy	
DISCUSSION SUMMARY	Jefferson Davis Highway Investigation Findings and Recommendations
ACTIONS TAKEN	None Taken
5. Upcoming Events Update – Sazia Bashar	
DISCUSSION SUMMARY	Upcoming dedication ceremonies
ACTIONS TAKEN	None Taken
6. Adjournment	
ACTIONS TAKEN	<p>Chair Fox asked for a motion to adjourn the November 4, 2020 meeting.</p> <p>Board member Perkins made the motion to adjourn the meeting and Board member Cody provided the second.</p> <p>Chair Fox took a roll call vote. Members Michael Fox, Andy Perkins, Dirk Cody, Valerie Jordan, Hugh Overholt and Thomas Taft individually voted in favor.</p> <p>The meeting was adjourned unanimously.</p>



ROAD/BRIDGE/FERRY NAMING COMMITTEE AGENDA

BOARD OF TRANSPORTATION JANUARY 6, 2021

TIME: 9:30AM – 10:00AM

LOCATION: Via Microsoft Teams

Attendees: Michael Fox, Andy Perkins, Dirk Cody, Valerie Jordan, Hugh Overholt, Thomas Taft

TOPIC	PRESENTER	TIME
Call to Order Roll Call Declaration of Quorum Approval of November 3, 2020 Road/Bridge/Ferry Naming Committee Meeting Minutes	Mike Fox, Chair	9:30AM
Review of Submitted Applications	Shelly Heath	9:35AM
Lieutenant Governor Walter H Dalton Highway – US 74 from Rutherford/Polk County Line to Exit 178 in Rutherford County	Shelly Heath	
Committee Discussion – New Business	Kevin Lacy	9:40AM
Upcoming Events Update	Sazia Bashar	9:55AM
Adjourn	All	10:00AM