



AGENDA

North Carolina Board of Transportation
1 South Wilmington Street, Raleigh, North Carolina 27601
Hybrid Meeting
August 4-5, 2021

Wednesday, August 4, 2021

10:00AM – 10:30AM

Audit Committee	EIC Board Members will either report to the EIC or participate via Microsoft Teams. Members of the Public may report to the EIC room or access the meeting via the live stream https://livestream.com/nc-dot
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10:30AM – 11:45AM

Finance Committee (The full board is invited)	Room 150 Board Members will either report to room 150 or participate via Microsoft Teams. Members of the Public may report to room 150 or access the meeting via the live stream https://livestream.com/nc-dot
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11:45AM – 1:15PM

Lunch (on own)

1:15PM

WORK SESSION – FULL BOARD ATTENDANCE

<ul style="list-style-type: none">Legislative Update, Johanna Reese, Deputy SecretarySPOT and STIP Update, Jason Schronce, Strategic Prioritization Office (SPOT), Manager and Leigh Wing, PE, STIP Eastern Region ManagerProduct Evaluation Program Awareness	Room 150 Board Members will either report to room 150 or participate via Microsoft Teams. Members of the Public may report to room 150 or access the meeting via the live stream https://livestream.com/nc-dot
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BREAK

To begin immediately following the work session

Highways Committee	Room 150 Board Members will either report to room 150 or participate via Microsoft Teams. Members of the Public may report to room 150 or access the meeting via the live stream https://livestream.com/nc-dot
Multi-Modal Committee	EIC Board Members will either report to the EIC or participate via Microsoft Teams. Members of the Public may report to the EIC room or access the meeting via the live stream https://livestream.com/nc-dot

NORTH CAROLINA BOARD OF TRANSPORTATION MEETING

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

Board Members will either report to the board room or participate via Microsoft Teams.

Thursday, August 5, 2021

9:00AM

Location: Room 150

- Call to Order Chairman Fox
- Economic Development Partnership of North Carolina and Department of Commerce Update Christopher Chung, Chief Executive Officer and Secretary Machel Sanders
- Ethics Statement Chairman Fox
- Consideration of the June 30-July 1, 2021, Meeting Minutes
- Road, Bridge and Ferry Naming Honorary Designations
- Secretary's Remarks Secretary Boyette

Information and Delegated Authority

Chairman Fox

- (Item C) Award of Highway Construction Contracts from July 2021 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

Board of Transportation Annual Ethics Education Training

Daniel Johnson, General Counsel

Action

Chairman Fox

Project Items

- (Item G) Additions, Abandonments, and Road Name Changes to State Secondary Road System
- (Item I) Public Transportation Program
 - (Item I-1) Public Transportation
 - (Item I-2) Rail Program
 - (Item I-3) Bicycle and Pedestrian
- (Item K) North Carolina Highway Trust Funds
- (Item M) Funds for Specific Federal-Aid Projects
- (Item N) Revisions to the 2020-2029 STIP
- (Item O) Municipal and Special Agreements
- (Item P) Municipal Street System Changes
- (Item R) Right of Way Resolutions and Ordinances

Committee Reports

Other Business

Adjourn

Committee Chairs

Chairman Fox

Chairman Fox

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

August 5, 2021

Delegated Authority Secretary Boyette

- (Item C) Award of Highway Construction Contracts from July 2021 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 **(No Item)**
- (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
 - (Item I-4) Aviation **(No Item)**
- (Item K) North Carolina Highway Trust Funds
- (Item M) Funds for Specific Federal-Aid Projects
- (Item N) Revisions to the 2020-2029 STIP
- (Item O) Municipal and Special Agreements
- (Item P) Municipal Street System Changes
- (Item R) Right of Way Resolutions and Ordinances
- (Item S) Maintenance Allocations **(No Item)**
- (Item T) Submission of Comprehensive Transportation Plans for Mutual Adoption by the Board of Transportation **(No Item)**
- (Item V) **(No Item)**

NCDOT Board of Transportation Agenda

ITEM C

JULY 20, 2021

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.
JULY 20, 2021
DIVISION 00001

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C204519
17BP.1.R.90
STATE FUNDED
NORTHAMPTON

PROPOSAL LENGTH 0.174 MILES

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

LOCATION BRIDGE #15 OVER WILDCAT SWAMP ON SR-1505 (NCHS RD).

EST CONST PROGRESS.... FY-2022..95% OF BID
FY-2023..05% OF BID

RPN 003 4 BIDDER(S) DBE GOAL 6.00 %

ESTIMATE 950,314.86

DATE AVAILABLE NOV 01 2021

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

FINAL COMPLETION JAN 28 2023

	\$ TOTALS	% DIFF
DELLINGER INC MONROE, NC	1,092,709.45	+15.0
DANE CONSTRUCTION INC MOORESVILLE, NC	1,100,708.25	+15.8
S T WOOTEN CORPORATION WILSON, NC	1,112,049.65	+17.0
T A LOVING COMPANY GOLDSBORO, NC	1,252,500.00	+31.8

AWARDED

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JULY 20, 2021
DIVISION 00002

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C204372
40212.3.1, 40212.3.2
BRSTP-1335(4), STATE FUNDED
CARTERET
B-4863

PROPOSAL LENGTH 0.853 MILES

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

LOCATION BRIDGE #73 AND #96 OVER THE STRAITS AT HARKERS ISLAND ON SR-1335 (ISLAND RD).

EST CONST PROGRESS.... FY-2022..30% OF BID
FY-2023..33% OF BID
FY-2024..25% OF BID
FY-2025..12% OF BID

RPN 001 4 BIDDER(S) DBE GOAL 1.00 %
ESTIMATE 49,849,178.74

DATE AVAILABLE AUG 30 2021

INTER COMPLETION MAY 01 2025 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR
PERMANENT VEGETATION ESTABLISHMENT
OCT 15 2024 CONTRACTOR SHALL COMPLETE ALL WORK REQUIRED OF SHIFTING
TRAFFIC TO FINAL PATTERN PER PHASE V, STEP #1

FINAL COMPLETION OCT 28 2025

	\$ TOTALS	% DIFF
BALFOUR BEATTY INFRASTRUCTURE INC WILMINGTON, NC	59,995,745.96	+20.4
FLATIRON CONSTRUCTORS INC MORRISVILLE, NC	63,542,693.20	+27.5
MCLEAN CONTRACTING CO GLEN BURNIE, MD	75,749,883.17	+52.0
CONTI ENTERPRISES INC EDISON, NJ	84,529,911.00	+69.6

AWARDED

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JULY 20, 2021
DIVISION 00003

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C204331
15BPR.19
STATE FUNDED
NEW HANOVER

PROPOSAL LENGTH 0.165 MILES

TYPE OF WORK BRIDGE PRESERVATION.

LOCATION US-76 OVER BANKS CHANNEL STRUCTURE #640021.

EST CONST PROGRESS.... FY-2022..81% OF BID
FY-2023..19% OF BID

RPN 004 3 BIDDER(S) DBE GOAL 0%

ESTIMATE 2,336,391.25

DATE AVAILABLE SEP 13 2021

FINAL COMPLETION NOV 15 2022

	\$ TOTALS	% DIFF
COASTAL GUNITE CONSTRUCTION COMPANY CAMBRIDGE, MD	3,735,111.36	+59.9
SOUTHERN ROAD & BRIDGE LLC TARPON SPRINGS, FL	3,937,251.50	+68.5
FREYSSINET, INC STERLING, VA	4,117,330.25	+76.2

AWARDED

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JULY 20, 2021
DIVISION 00004

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C204536
45621.3.1
STATE FUNDED
WILSON
B-5666

PROPOSAL LENGTH 0.290 MILES
TYPE OF WORK GRADING, DRAINAGE, PAVING, AND STRUCTURE.
LOCATION BRIDGE #47 OVER SCL RAILROAD ON US-117.

EST CONST PROGRESS.... FY-2022..83% OF BID
FY-2023..17% OF BID

RPN 006 5 BIDDER(S) DBE GOAL 7.00 %
ESTIMATE 3,090,989.00

DATE AVAILABLE AUG 30 2021
INTER COMPLETION NOV 15 2022 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR
PERMANENT VEGETATION ESTABLISHMENT
FINAL COMPLETION MAY 14 2023

	\$ TOTALS	% DIFF
W C ENGLISH INCORPORATED LYNCHBURG, VA	3,885,706.19	+25.7
S T WOOTEN CORPORATION WILSON, NC	3,914,399.78	+26.6
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	3,939,177.90	+27.4
DANE CONSTRUCTION INC MOORESVILLE, NC	4,054,813.28	+31.2
CATON CONSTRUCTION GROUP INC CHARLOTTESVILLE, VA	4,299,708.90	+39.1

AWARDED

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JULY 20, 2021
DIVISION 00006

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C204543
47532.3.3
STATE FUNDED
HARNETT, JOHNSTON
I-5986B, I-5878, I-5883

PROPOSAL LENGTH 8.873 MILES

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

LOCATION I-95 FROM SR-1002 (EXIT 71) TO I-40 (EXIT 81).

EST CONST PROGRESS.... FY-2022..28% OF BID
FY-2023..28% OF BID
FY-2024..22% OF BID
FY-2025..15% OF BID
FY-2026..07% OF BID

RPN 002 2 BIDDER(S) DBE GOAL 9.00 %
ESTIMATE 257,994,786.22

DATE AVAILABLE AUG 30 2021
INTER COMPLETION MAY 01 2026 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR
PERMANENT VEGETATION ESTBLISHMENT
AUG 31 2023 COMPLETE ALL WORK REQUIRED OF AREA 3, PHASE I THRU PHASE III
FINAL COMPLETION OCT 28 2026

	\$ TOTALS	% DIFF
FLATIRON-FRED SMITH COMPANY JV MORRISVILLE, NC	236,460,093.76	-8.3
S T WOOTEN CORPORATION WILSON, NC	275,374,040.50	+6.7

AWARDED

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JULY 20, 2021
DIVISION 00011

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C204550
17BP.11.R.153
STATE FUNDED
WILKES

PROPOSAL LENGTH 0.057 MILES

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

LOCATION BRIDGE #419 OVER NAKED CREEK ON SR-1148.

EST CONST PROGRESS.... FY-2022..100% OF BID

RPN 007 5 BIDDER(S) DBE GOAL 4.00 %
ESTIMATE 705,121.86

DATE AVAILABLE SEP 15 2021 THRU NOV 15 2021

INTER COMPLETION COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR PERMANENT
VEGETATION ESTABLISHMENT IN 225 DAYS AFTER DOA

FINAL COMPLETION 405 DAY(S) AFTER START DATE

	\$ TOTALS	% DIFF
SMITH-ROWE, LLC MOUNT AIRY, NC	640,483.49	-9.2
JAMES R VANNOY & SONS CONSTRUCTION COMPANY INC JEFFERSON, NC	671,909.03	-4.7
DANE CONSTRUCTION INC MOORESVILLE, NC	681,844.60	-3.3
APPLE TUCK & ASSOCIATES INC RUTHERFORDTON, NC	751,168.09	+6.5
TRIANGLE GRADING & PAVING INC BURLINGTON, NC	1,156,319.45	+64.0

AWARDED

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JULY 20, 2021
DIVISION 00011

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C204628
49216.3.1
STATE FUNDED
WILKES
BR-0108

PROPOSAL LENGTH 0.097 MILES

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

LOCATION BRIDGE #4 OVER LITTLE HUNTING CREEK ON SR-2418.

EST CONST PROGRESS.... FY-2022..100% OF BID

RPN 008 5 BIDDER(S) DBE GOAL 5.00 %
ESTIMATE 768,968.20

DATE AVAILABLE SEP 15 2021

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

FINAL COMPLETION OCT 28 2022

	\$ TOTALS	% DIFF
SMITH-ROWE, LLC MOUNT AIRY, NC	667,716.69	-13.2
JAMES R VANNOY & SONS CONSTRUCTION COMPANY INC JEFFERSON, NC	764,311.29	-0.6
DANE CONSTRUCTION INC MOORESVILLE, NC	767,341.00	-0.2
APPLE TUCK & ASSOCIATES INC RUTHERFORDTON, NC	783,369.07	+1.9
TRIANGLE GRADING & PAVING INC BURLINGTON, NC	1,253,369.52	+63.0

AWARDED

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
JULY 20, 2021
DIVISION 00012

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C204627
49215.3.1
STATE FUNDED
IREDELL
BR-0107

PROPOSAL LENGTH 0.092 MILES

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

LOCATION BRIDGE #131 OVER SNOW CREEK ON SR-1577 (PISGAH RIDGE CIR).

EST CONST PROGRESS.... FY-2022..100% OF BID

RPN 009 8 BIDDER(S) DBE GOAL 4.00 %
ESTIMATE 669,110.95

DATE AVAILABLE SEP 15 2021

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

FINAL COMPLETION OCT 28 2022

	\$ TOTALS	% DIFF
SMITH-ROWE, LLC MOUNT AIRY, NC	554,248.44	-17.2
EASTERN STRUCTURES LLC MOCKSVILLE, NC	557,950.75	-16.6
KEMP SIGMON CONSTRUCTION CO INC CLAREMONT, NC	593,320.40	-11.3
APPLE TUCK & ASSOCIATES INC RUTHERFORDTON, NC	639,338.39	-4.4
R. E. BURNS & SONS CO., INC. STATESVILLE, NC	648,773.25	-3.0
DANE CONSTRUCTION INC MOORESVILLE, NC	649,288.15	-3.0
JAMES R VANNOY & SONS CONSTRUCTION COMPANY INC JEFFERSON, NC	675,609.00	+1.0
TRIANGLE GRADING & PAVING INC BURLINGTON, NC	1,031,369.03	+54.1

ESTIMATE TOTAL 316,364,861.08

LETTING TOTAL 307,031,815.34 -3.0

AWARDED

**NCDOT August 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 Operating Officer

Deputy Secretary for Multi-Modal Transportation

Rail Division

Rail 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 Rail Program Delivery on an as needed basis for various federal-aid and state funded projects to support the Rail Division. These contracts will expire three (3) years with one (1) one-year extension 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:	2021 Rail Program Delivery On-Call LSC
Firm:	AECOM Technical Services of North Carolina Inc, Chicago, IL
Maximum Engineering Fee:	\$2,000,000.00
DBE/MBE/SPSF Utilization:	Baseline Mobility Group Inc 2% / \$40,000.00
DBE/MBE/SPSF Utilization:	Public Participation Partners LLC 4% / \$80,000.00
DBE/WBE/SPSF Utilization:	Three Oaks Engineering 2% / \$40,000.00
SPSF Utilization:	Wetherill Engineering Inc 4% / \$80,000.00
SPSF Utilization:	David E. Gall, Architect, P.A. 4% / \$80,000.00

Description of Work:	2021 Rail Program Delivery On-Call LSC
Firm:	Alfred Benesch & Company, Chicago, IL
Maximum Engineering Fee:	\$3,500,000.00
SPSF Utilization:	Clearscapes PA 1% / \$35,000.00
SPSF Utilization:	Wetherill Engineering Inc 6% / \$210,000.00
SPSF Utilization:	R L Banks & Associates Inc 4% / \$140,000.00
Description of Work:	2021 Rail Program Delivery On-Call LSC
Firm:	Arcadis G&M of North Carolina, Inc., Chicago, IL
Maximum Engineering Fee:	\$1,500,000.00
DBE/MBE Utilization:	Cincar Consulting Group LLC 1% / \$15,000.00
DBE/MBE/SPSF Utilization:	Public Participation Partners LLC 2% / \$30,000.00
Description of Work:	2021 Rail Program Delivery On-Call LSC
Firm:	Atkins North America Inc, Atlanta, GA
Maximum Engineering Fee:	\$1,500,000.00
SPSF Utilization:	0%
Description of Work:	2021 Rail Program Delivery On-Call LSC
Firm:	Dewberry Engineers Inc, Philadelphia, PA
Maximum Engineering Fee:	\$1,500,000.00
DBE/MBE Utilization:	Cincar Consulting Group LLC 5% / \$75,000.00
Description of Work:	2021 Rail Program Delivery On-Call LSC
Firm:	H W Lochner Inc, Raleigh, NC
Maximum Engineering Fee:	\$1,500,000.00
SPSF Utilization:	Axiom Environmental Inc 16% / \$240,000.00
SPSF Utilization:	Commonwealth Heritage Group Inc 4% / \$60,000.00
SPSF Utilization:	Spanish Speaking LLC 2% / \$30,000.00
SPSF Utilization:	Sungate Design Group PA 8% / \$120,000.00

Description of Work: 2021 Rail Program Delivery On-Call LSC
Firm: HDR Engineering Inc of the Carolinas, Chicago, IL
Maximum Engineering Fee: \$5,250,000.00
SPSF Utilization: Axiom Environmental Inc
3% / \$157,500.00
SPSF Utilization: Commonwealth Heritage Group Inc
2% / \$105,000.00
SPSF Utilization: Engineered Designs Inc
2% / \$105,000.00

Description of Work: 2021 Rail Program Delivery On-Call LSC
Firm: HNTB North Carolina PC, Raleigh, NC
Maximum Engineering Fee: \$4,500,000.00
DBE/WBE/SPSF Utilization: Falcon Engineering Inc
4% / \$180,000.00
SPSF Utilization: Hinde Engineering Inc
5% / \$225,000.00

Description of Work: 2021 Rail Program Delivery On-Call LSC
Firm: JMT, Hunt Valley, MD
Maximum Engineering Fee: \$1,500,000.00
SPSF Utilization: Hinde Engineering Inc
3% / \$45,000.00
SPSF Utilization: LJB Inc
7% / \$105,000.00
SPSF Utilization: MI Engineering PLLC
3% / \$45,000.00
SPSF Utilization: Pinecone Transportation Professionals PLLC
7% / \$105,000.00
DBE/MBE/SPSF Utilization: Public Participation Partners LLC
2% / \$30,000.00
SPSF Utilization: Ramey Kemp & Associates Inc
7% / \$105,000.00

Description of Work:	2021 Rail Program Delivery On-Call LSC
Firm:	Kimley Horn & Associates Inc, Atlanta, GA
Maximum Engineering Fee:	\$1,500,000.00
SPSF Utilization:	Axiom Environmental Inc 2% / \$30,000.00
DBE/WBE/SPSF Utilization:	Dovetail Cultural Resource Group 2% / \$30,000.00
DBE/WBE/SPSF Utilization:	Falcon Engineering Inc 2% / \$30,000.00
SPSF Utilization:	R L Banks & Associates Inc 1% / \$15,000.00
DBE/MBE Utilization:	PR Pros, LLC 2% / \$30,000.00
Description of Work:	2021 Rail Program Delivery On-Call LSC
Firm:	Kisinger Campo & Associates Corp, Tampa, FL
Maximum Engineering Fee:	\$4,000,000.00
DBE/MBE/SPSF Utilization:	Simpson Engineers & Associates PC 4.75% / \$190,000.00
Description of Work:	2021 Rail Program Delivery On-Call LSC
Firm:	Michael Baker Engineering Inc, Pittsburgh, PA
Maximum Engineering Fee:	\$1,500,000.00
SPSF Utilization:	American Engineering Associates Southeast PA 10% / \$150,000.00
DBE/MBE Utilization:	Cincar Consulting Group LLC 5% / \$75,000.00
SPSF Utilization:	Sungate Design Group PA 15% / \$225,000.00
Description of Work:	2021 Rail Program Delivery On-Call LSC
Firm:	Mott MacDonald I & E LLC, Pittsburgh, PA
Maximum Engineering Fee:	\$6,000,000.00
SPSF Utilization:	Axiom Environmental Inc 0.5% / \$30,000.00
SPSF Utilization:	Clearscapes PA 2% / \$120,000.00
DBE/WBE/SPSF Utilization:	Dovetail Cultural Resource Group 0.5% / \$30,000.00
DBE/MBE/SPSF Utilization:	Tech Engineering Group PLLC 0.5% / \$30,000.00
SPSF Utilization:	Wetherill Engineering Inc 2% / \$120,000.00

Description of Work:	2021 Rail Program Delivery On-Call LSC
Firm:	Pinecone Transportation Professionals PLLC, Fuquay-Varina, NC
Maximum Engineering Fee:	\$1,500,000.00
SPSF Utilization:	100%
Description of Work:	2021 Rail Program Delivery On-Call LSC
Firm:	RK&K, Raleigh, NC
Maximum Engineering Fee:	\$1,500,000.00
DBE/MBE/SPSF Utilization:	Public Participation Partners LLC 2% / \$30,000.00
SPSF Utilization:	David E. Gall, Architect, P.A. 2.5% / \$37,500.00
Description of Work:	2021 Rail Program Delivery On-Call LSC
Firm:	Simpson Engineers & Associates PC, Cary, NC
Maximum Engineering Fee:	\$5,000,000.00
DBE/MBE/SPSF Utilization:	100%
Description of Work:	2021 Rail Program Delivery On-Call LSC
Firm:	Stantec Consulting Services Inc, Chicago, IL
Maximum Engineering Fee:	\$2,000,000.00
DBE/WBE/SPSF Utilization:	Falcon Engineering Inc 6% / \$120,000.00
DBE/MBE/SPSF Utilization:	Public Participation Partners LLC 11% / \$220,000.00
SPSF Utilization:	Sungate Design Group PA 8% / \$160,000.00
DBE/WBE/SPSF Utilization:	Three Oaks Engineering 6% / \$120,000.00
Description of Work:	2021 Rail Program Delivery On-Call LSC
Firm:	STV Engineers Inc, Douglassville, PA
Maximum Engineering Fee:	\$2,500,000.00
SPSF Utilization:	Hinde Engineering Inc 2% / \$50,000.00
DBE/WBE/SPSF Utilization:	Richard Grubb and Associates Inc 1% / \$25,000.00
SPSF Utilization:	Thigpen Engineering & Consulting, PLLC 2% / \$50,000.00
Description of Work:	2021 Rail Program Delivery On-Call LSC
Firm:	Three Oaks Engineering, Durham, NC
Maximum Engineering Fee:	\$1,500,000.00
DBE/WBE/SPSF Utilization:	100%

AUGUST 05, 2021

Description of Work: 2021 Rail Program Delivery On-Call LSC
Firm: VHB Engineering NC PC, Boston, MA
Maximum Engineering Fee: \$1,500,000.00
DBE/WBE/SPSF Utilization: Falcon Engineering Inc
5% / \$75,000.00
SPSF Utilization: Rose Associates
1% / \$15,000.00

Description of Work: 2021 Rail Program Delivery On-Call LSC
Firm: Volkert Inc, Birmingham, AL
Maximum Engineering Fee: \$10,000,000.00
SPSF Utilization: 0%

Description of Work: 2021 Rail Program Delivery On-Call LSC
Firm: WSP USA Inc, Dallas, TX
Maximum Engineering Fee: \$3,000,000.00
DBE/WBE/SPSF Utilization: CH Engineering PLLC
2% / \$60,000.00
DBE/WBE/SPSF Utilization: Falcon Engineering Inc
3% / \$90,000.00
SPSF Utilization: G & A Consulting Engineers, PLLC
8% / \$240,000.00
DBE/WBE/SPSF Utilization: Three Oaks Engineering
20% / \$600,000.00

Chief Engineer

Deputy Chief Engineer

Field Support

Construction Unit-Value Management

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

STATEWIDE

Description of Work:	2020 Value Management and Related Life-Cycle Cost Analysis LSC
Firm:	Alfred Benesch & Company, Chicago, IL
Original Engineering Fee:	\$250,000.00
Supplemental Fee:	\$600,000.00
SPSF Utilization:	MI Engineering PLLC 6% / \$36,000.00

Description of Work:	2020 Value Management and Related Life-Cycle Cost Analysis LSC
Firm:	Dewberry Engineers Inc, Philadelphia, PA
Original Engineering Fee:	\$250,000.00
Supplemental Fee:	\$400,000.00
SPSF Utilization:	0%

Description of Work:	2020 Value Management and Related Life-Cycle Cost Analysis LSC
Firm:	HDR Engineering Inc of the Carolinas, Chicago, IL
Original Engineering Fee:	\$300,000.00
Supplemental Fee:	\$600,000.00
SPSF Utilization:	0%

Description of Work:	2020 Value Management and Related Life-Cycle Cost Analysis LSC
Firm:	HNTB North Carolina PC, Raleigh, NC
Original Engineering Fee:	\$300,000.00
Supplemental Fee:	\$400,000.00
DBE/WBE/SPSF Utilization:	Falcon Engineering Inc 3% / \$12,000.00

Description of Work: 2020 Value Management and Related Life-Cycle
Cost Analysis LSC
Firm: MBP Carolinas Inc, Fairfax, VA
Original Engineering Fee: \$300,000.00
Supplemental Fee: \$600,000.00
SPSF Utilization: LJB Inc
18% / \$108,000.00
SPSF Utilization: Wetherill Engineering Inc
11% / \$66,000.00

Description of Work: 2020 Value Management and Related Life-Cycle
Cost Analysis LSC
Firm: Michael Baker Engineering Inc, Pittsburgh, PA
Original Engineering Fee: \$300,000.00
Supplemental Fee: \$600,000.00
SPSF Utilization: 0%

Description of Work: 2020 Value Management and Related Life-Cycle
Cost Analysis LSC
Firm: Mott MacDonald I & E LLC, Pittsburgh, PA
Original Engineering Fee: \$100,000.00
Supplemental Fee: \$200,000.00
SPSF Utilization: 0%

Description of Work: 2020 Value Management and Related Life-Cycle
Cost Analysis LSC
Firm: VE Group LLC, Quincy, FL
Original Engineering Fee: \$200,000.00
Supplemental Fee: \$600,000.00
SPSF Utilization: 100%

Highway Operations

Operations Program Management

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: 2019 High Speed Data Collection and Processing for
Pavement Management Section
Firm: Fugro USA Land Inc, Houston, TX
Original Engineering Fee: \$4,000,000.00
Previous Supplemental Fee: \$4,000,000.00
Supplemental Fee: \$2,500,000.00
SPSF Utilization: 0%

AUGUST 05, 2021

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

Project:

53077.3.1 (I-5877) Harnett County; and
47532.3.2 (I-5986A) Cumberland County; and
47532.3.3 (I-5986B) Harnett County; and
53083.3.1 (I-5883) Harnett County; and
53078.3.1 (I-5878) Harnett County
I-95 at SR 1811 (Bud Hawkins Road) (Exit 70) and
SR 1001 (Long Branch Road) (Exit 71). Improve
Interchanges. (comb w/I-5986A);
and
I-95 Business/US 301 (Exit 56) to SR 1001 (Long
Branch Road - Exit 71). Widen to Eight Lanes.
Cumberland/Harnett Counties (comb w/I-5877);
and
I-95 from SR 1709 (Hodges Chapel Road - Exit 77)
to I-40 (EXIT 81). Widen to Eight Lanes
Harnett/Johnston Counties. (comb w/I-5878 & I-
5883).; and
I-95 at SR 1808 (Jonesboro Road) (Exit 75) to North
of SR 1709 (Hodges Chapel Road) (Exit 77).
Improve Interchanges. Widen to Eight Lanes. (comb
w/I-5878 & I-5986B).; and
I-95 at US 421 (Exit 73) and SR 1793 (Pope Road)
(Exit 72). Improve Interchanges. Widen to Eight
Lanes. (comb w/I-5883 & I-5986B).

Scope of Work:

Estimated Construction Cost:

Construction Engineering and Inspection Services
\$30,500,000.00; and
\$398,000,000.00; and
\$70,800,000.00; and
\$78,200,000.00; and
\$60,100,000.00

Firm:

Original Engineering Fee:

Supplemental Fee:

Supplemental Work:

Volkert Inc, Birmingham, AL

\$27,000,000.00

\$26,175,844.15

Additional Construction Engineering and Inspection
Services as allowed by the Initial Advertisement

SPSF Utilization:

0%

Divisions 8-14

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 Planning and Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) on an as needed basis for various federal-aid and state funded projects to support Divisions 8, 9, 10, 11, 12, 13, and 14. These contracts will expire two (2) years with an optional one (1) year extension, after the date of execution or after the contract amount has been depleted, whichever occurs first. Our staff has completed the actions for employing private firms in accordance with the policies and procedures adopted by the Board on May 7, 2009. This is for information only.

Divisions 8, 9, 10, 11, 12, 13 and 14

Description of Work:	2021 Western Divisions' (8-14) Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	A Morton Thomas & Associates Inc, Rockville, MD
Maximum Engineering Fee:	\$3,000,000.00
SPSF Utilization:	Ramey Kemp & Associates Inc 5% / \$150,000.00
SPSF Utilization:	Right of Way Consultants LLC 3% / \$90,000.00
DBE/WBE/SPSF Utilization:	Three Oaks Engineering 4% / \$120,000.00
SPSF Utilization:	Hinde Engineering Inc 5% / \$150,000.00

Description of Work:	2021 Western Divisions' (8-14) Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	AECOM Technical Services of North Carolina Inc, Chicago, IL
Maximum Engineering Fee:	\$4,000,000.00
DBE/MBE/SPSF Utilization:	Baseline Mobility Group Inc 2% / \$80,000.00
SPSF Utilization:	Mattern & Craig Inc 5% / \$200,000.00
SPSF Utilization:	Pinecone Transportation Professionals PLLC 2% / \$80,000.00
DBE/MBE/SPSF Utilization:	Public Participation Partners LLC 2% / \$80,000.00
DBE/WBE/SPSF Utilization:	Three Oaks Engineering 2% / \$80,000.00
SPSF Utilization:	Utility Coordination Consultants LLC 2% / \$80,000.00

AUGUST 05, 2021

Description of Work: 2021 Western Divisions' (8-14) Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GES) LSC

Firm: Alfred Benesch & Company, Chicago, IL

Maximum Engineering Fee: \$4,000,000.00

DBE/MBE/SPSF Utilization: Baseline Mobility Group Inc
2% / \$80,000.00

SPSF Utilization: Clearbox Forecast Group PLLC
2% / \$80,000.00

SPSF Utilization: Sungate Design Group PA
2% / \$80,000.00

DBE/MBE/SPSF Utilization: Tech Engineering Group PLLC
1% / \$40,000.00

SPSF Utilization: Thigpen Engineering & Consulting, PLLC
1% / \$40,000.00

Description of Work: 2021 Western Divisions' (8-14) Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GES) LSC

Firm: American Engineering Associates Southeast PA, Charlotte, NC

Maximum Engineering Fee: \$1,500,000.00

SPSF Utilization: 100%

Description of Work: 2021 Western Divisions' (8-14) Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GES) LSC

Firm: Atkins North America Inc, Atlanta, GA

Maximum Engineering Fee: \$1,500,000.00

SPSF Utilization: Hinde Engineering Inc
4% / \$60,000.00

SPSF Utilization: MI Engineering PLLC
3% / \$45,000.00

SPSF Utilization: Thigpen Engineering & Consulting, PLLC
3% / \$45,000.00

Description of Work:	2021 Western Divisions' (8-14) Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	Carolina Transportation Engineers & Associates PC, Charlotte, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	100%

Description of Work:	2021 Western Divisions' (8-14) Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	CDM Smith Inc, Atlanta, GA
Maximum Engineering Fee:	\$3,000,000.00
SPSF Utilization:	Carolina Land Acquisitions Inc 0.5% / \$15,000.00
SPSF Utilization:	MI Engineering PLLC 1% / \$30,000.00
SPSF Utilization:	Progressive Design Group, Inc. 1% / \$30,000.00
DBE/WBE/SPSF Utilization:	Three Oaks Engineering 2.5% / \$75,000.00

Description of Work:	2021 Western Divisions' (8-14) Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	CH Engineering PLLC, Raleigh, NC
Maximum Engineering Fee:	\$500,000.00
DBE/WBE/SPSF Utilization:	100%

Description of Work:	2021 Western Divisions' (8-14) Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	Dewberry Engineers Inc, Philadelphia, PA
Maximum Engineering Fee:	\$3,000,000.00
SPSF Utilization:	Hinde Engineering Inc 2.5% / \$75,000.00
SPSF Utilization:	Patriot Transportation Engineering PLLC 5% / \$150,000.00
DBE/WBE/SPSF Utilization:	Three Oaks Engineering 2% / \$60,000.00

Description of Work: 2021 Western Divisions' (8-14) Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GES) LSC

Firm: DRMP Inc, Orlando, FL

Maximum Engineering Fee: \$1,500,000.00

SPSF Utilization: Carolinas Geotechnical Group PLLC
2% / \$30,000.00

SPSF Utilization: Hinde Engineering Inc
3% / \$45,000.00

SPSF Utilization: Patriot Transportation Engineering PLLC
3% / \$45,000.00

Description of Work: 2021 Western Divisions' (8-14) Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GES) LSC

Firm: Exult Engineering PC, Raleigh, NC

Maximum Engineering Fee: \$500,000.00

SPSF Utilization: 100%

Description of Work: 2021 Western Divisions' (8-14) Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GES) LSC

Firm: Gannett Fleming Inc, Philadelphia, PA

Maximum Engineering Fee: \$4,000,000.00

SPSF Utilization: Carolina Transportation Engineers & Associates PC
4% / \$160,000.00

DBE/MBE/SPSF Utilization: Hearns Real Estate Solutions LLC
2.5% / \$100,000.00

SPSF Utilization: Mattern & Craig Inc
2% / \$80,000.00

SPSF Utilization: MI Engineering PLLC
2% / \$80,000.00

SPSF Utilization: Patriot Transportation Engineering PLLC
3.5% / \$140,000.00

DBE/WBE/SPSF Utilization: Richard Grubb And Associates Inc
1% / \$40,000.00

DBE/WBE/SPSF Utilization: Three Oaks Engineering
7.5% / \$300,000.00

Description of Work: 2021 Western Divisions' (8-14) Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GES) LSC

Firm: H W Lochner Inc, Raleigh, NC

Maximum Engineering Fee: \$1,500,000.00

SPSF Utilization: Axiom Environmental Inc
6% / \$90,000.00

SPSF Utilization: Sungate Design Group PA
6% / \$90,000.00

DBE/MBE/SPSF Utilization: Simpson Engineers & Associates PC
3% / \$45,000.00

SPSF Utilization: Hinde Engineering Inc
4% / \$60,000.00

SPSF Utilization: Commonwealth Heritage Group Inc
2% / \$30,000.00

SPSF Utilization: Right of Way Consultants LLC
4% / \$60,000.00

DBE/MBE/SPSF Utilization: Accelerate Engineering PLLC
3% / \$45,000.00

DBE/WBE/SPSF Utilization: Falcon Engineering Inc
3% / \$45,000.00

SPSF Utilization: The Wooten Company
4% / \$60,000.00

Description of Work: 2021 Western Divisions' (8-14) Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GES) LSC

Firm: HDR Engineering Inc of the Carolinas, Chicago, IL

Maximum Engineering Fee: \$4,000,000.00

DBE/WBE/SPSF Utilization: CH Engineering PLLC
4% / \$160,000.00

SPSF Utilization: Carolina Land Acquisitions Inc
4% / \$160,000.00

SPSF Utilization: JM Teague Engineering PLLC
1% / \$40,000.00

SPSF Utilization: Patriot Transportation Engineering PLLC
1% / \$40,000.00

SPSF Utilization: Ramey Kemp & Associates Inc
1% / \$40,000.00

SPSF Utilization: Utility Coordination Consultants LLC
3% / \$120,000.00

Description of Work:	2021 Western Divisions' (8-14) Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	HNTB North Carolina PC, Raleigh, NC
Maximum Engineering Fee:	\$4,000,000.00
SPSF Utilization:	Carolina Ecosystems Inc 1% / \$40,000.00
DBE/WBE/SPSF Utilization:	CES Group Engineers LLP 0.6% / \$24,000.00
DBE/WBE/SPSF Utilization:	CH Engineering PLLC 0.9% / \$36,000.00
SPSF Utilization:	Carolina Land Acquisitions Inc 0.7% / \$28,000.00
SPSF Utilization:	Hinde Engineering Inc 0.5% / \$20,000.00
SPSF Utilization:	MI Engineering PLLC 0.6% / \$24,000.00
SPSF Utilization:	Ramey Kemp & Associates Inc 0.9% / \$36,000.00

Description of Work:	2021 Western Divisions' (8-14) Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	Davenport, Winston-Salem, NC
Maximum Engineering Fee:	\$500,000.00
DBE/MBE/SPSF Utilization:	100%

Description of Work:	2021 Western Divisions' (8-14) Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	KCI Associates of North Carolina PA, Baltimore, MD
Maximum Engineering Fee:	\$3,000,000.00
SPSF Utilization:	Ramey Kemp & Associates Inc 1% / \$30,000.00
SPSF Utilization:	Hinde Engineering Inc 3% / \$90,000.00
DBE/WBE/SPSF Utilization:	Dovetail Cultural Resource Group 1% / \$30,000.00
SPSF Utilization:	Spanish Speaking LLC 0.5% / \$15,000.00

Description of Work: 2021 Western Divisions' (8-14) Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC

Firm: Kimley Horn & Associates Inc, Atlanta, GA

Maximum Engineering Fee: \$4,000,000.00

DBE/WBE/SPSF Utilization: CH Engineering PLLC
4% / \$160,000.00

SPSF Utilization: Carolina Land Acquisitions Inc
3% / \$120,000.00

DBE/WBE/SPSF Utilization: Dovetail Cultural Resource Group
2% / \$80,000.00

DBE/WBE/SPSF Utilization: New South Associates Inc
2% / \$80,000.00

SPSF Utilization: Patriot Transportation Engineering PLLC
5% / \$200,000.00

SPSF Utilization: Spanish Speaking LLC
1% / \$40,000.00

DBE/WBE/SPSF Utilization: Three Oaks Engineering
1% / \$40,000.00

Description of Work: 2021 Western Divisions' (8-14) Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC

Firm: Kisinger Campo & Associates Corp, Tampa, FL

Maximum Engineering Fee: \$4,000,000.00

SPSF Utilization: Davis Martin Powell Engineers & Surveyors
2% / \$80,000.00

SPSF Utilization: Patriot Transportation Engineering PLLC
1% / \$40,000.00

DBE/WBE/SPSF Utilization: Richard Grubb and Associates Inc
2% / \$80,000.00

SPSF Utilization: Ramey Kemp & Associates Inc
1% / \$40,000.00

DBE/WBE/SPSF Utilization: Three Oaks Engineering
7.5% / \$300,000.00

Description of Work:	2021 Western Divisions' (8-14) Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GES) LSC
Firm:	Kittelson & Associates Inc, Portland, OR
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	Davis Martin Powell Engineers & Surveyors 6% / \$30,000.00
SPSF Utilization:	Exult Engineering PC 6% / \$30,000.00
SPSF Utilization:	Right of Way Consultants LLC 3% / \$15,000.00

Description of Work:	2021 Western Divisions' (8-14) Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GES) LSC
Firm:	LJB Inc, Miamisburg, OH
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	100%

Description of Work:	2021 Western Divisions' (8-14) Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GES) LSC
Firm:	Mattern & Craig Inc, Asheville, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	100%

Description of Work:	2021 Western Divisions' (8-14) Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GES) LSC
Firm:	Mead & Hunt Inc, Middleton, WI
Maximum Engineering Fee:	\$3,000,000.00
SPSF Utilization:	Pinecone Transportation Professionals PLLC 4% / \$120,000.00

Description of Work: 2021 Western Divisions' (8-14) Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GES) LSC

Firm: Michael Baker Engineering Inc, Pittsburgh, PA

Maximum Engineering Fee: \$3,000,000.00

SPSF Utilization: American Engineering Associates Southeast PA
5% / \$150,000.00

SPSF Utilization: Mattern & Craig Inc
5% / \$150,000.00

SPSF Utilization: Sungate Design Group PA
5% / \$150,000.00

Description of Work: 2021 Western Divisions' (8-14) Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GES) LSC

Firm: Moffatt & Nichol Incorporated, Los Angeles, CA

Maximum Engineering Fee: \$1,500,000.00

SPSF Utilization: Commonwealth Heritage Group Inc
1% / \$15,000.00

SPSF Utilization: Davis Martin Powell Engineers & Surveyors
2.5% / \$37,500.00

SPSF Utilization: Patriot Transportation Engineering PLLC
3.5% / \$52,500.00

SPSF Utilization: Ramey Kemp & Associates Inc
1.5% / \$22,500.00

SPSF Utilization: Right of Way Consultants LLC
3.5% / \$52,500.00

SPSF Utilization: The Wooten Company
2.5% / \$37,500.00

Description of Work: 2021 Western Divisions' (8-14) Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC

Firm: Mott MacDonald I&E LLC, Pittsburgh, PA

Maximum Engineering Fee: \$4,000,000.00

SPSF Utilization: Axiom Environmental Inc
1% / \$40,000.00

DBE/WBE/SPSF Utilization: Dovetail Cultural Resource Group
1% / \$40,000.00

DBE/WBE/SPSF Utilization: Falcon Engineering Inc
1% / \$40,000.00

SPSF Utilization: Patriot Transportation Engineering PLLC
1% / \$40,000.00

DBE/MBE/SPSF Utilization: Simpson Engineers & Associates PC
1% / \$40,000.00

DBE/MBE/SPSF Utilization: Tech Engineering Group PLLC
1% / \$40,000.00

SPSF Utilization: The Wooten Company
1% / \$40,000.00

DBE/WBE/SPSF Utilization: Three Oaks Engineering
1% / \$40,000.00

SPSF Utilization: Wetherill Engineering Inc
1% / \$40,000.00

Description of Work: 2021 Western Divisions' (8-14) Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC

Firm: MS Consultants Inc, Columbus, OH

Maximum Engineering Fee: \$3,000,000.00

SPSF Utilization: MI Engineering PLLC
8% / \$240,000.00

DBE/WBE/SPSF Utilization: Three Oaks Engineering
5.5% / \$165,000.00

DBE/WBE/SPSF Utilization: CH Engineering PLLC
7% / \$210,000.00

DBE/WBE/SPSF Utilization: Falcon Engineering Inc
3% / \$90,000.00

Description of Work: 2021 Western Divisions' (8-14) Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC

Firm: NV5 Engineers and Consultants Inc, Chicago, IL

Maximum Engineering Fee: \$4,000,000.00

SPSF Utilization: Hinde Engineering Inc
2% / \$80,000.00

SPSF Utilization: JM Teague Engineering PLLC
2% / \$80,000.00

SPSF Utilization: MI Engineering PLLC
2% / \$80,000.00

SPSF Utilization: Ramey Kemp & Associates Inc
3% / \$120,000.00

Description of Work: 2021 Western Divisions' (8-14) Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC

Firm: Parrish and Partners of NC PLLC, Columbia, SC

Maximum Engineering Fee: \$500,000.00

SPSF Utilization: 100%

Description of Work: 2021 Western Divisions' (8-14) Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC

Firm: Parsons Transportation Group Inc., Raleigh, NC

Maximum Engineering Fee: \$3,000,000.00

SPSF Utilization: Carolina Land Acquisitions Inc
3% / \$90,000.00

SPSF Utilization: Hinde Engineering Inc
2% / \$60,000.00

SPSF Utilization: MI Engineering PLLC
3% / \$90,000.00

DBE/WBE/SPSF Utilization: New South Associates Inc
1% / \$30,000.00

SPSF Utilization: Ramey Kemp & Associates Inc
3% / \$90,000.00

SPSF Utilization: Sungate Design Group PA
3% / \$90,000.00

SPSF Utilization: Thigpen Engineering & Consulting, PLLC
2% / \$60,000.00

DBE/WBE/SPSF Utilization: Three Oaks Engineering
8% / \$240,000.00

Description of Work:	2021 Western Divisions' (8-14) Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESG) LSC
Firm:	Patriot Transportation Engineering PLLC, Raleigh, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	100%

Description of Work:	2021 Western Divisions' (8-14) Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESG) LSC
Firm:	Pinecone Transportation Professionals PLLC, Fuquay-Varina, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	100%

Description of Work:	2021 Western Divisions' (8-14) Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESG) LSC
Firm:	Ramey Kemp & Associates Inc, Atlanta, GA
Maximum Engineering Fee:	\$3,000,000.00
SPSF Utilization:	100%

Description of Work:	2021 Western Divisions' (8-14) Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESG) LSC
Firm:	RS&H Architects Engineers Planners Inc, Jacksonville, FL
Maximum Engineering Fee:	\$4,000,000.00
SPSF Utilization:	Carolina Ecosystems Inc 3% / \$120,000.00
SPSF Utilization:	Clearbox Forecast Group PLLC 0.5% / \$20,000.00

Description of Work: 2021 Western Divisions' (8-14) Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC

Firm: RK&K, Raleigh, NC

Maximum Engineering Fee: \$4,000,000.00

SPSF Utilization: American Engineering Associates Southeast PA
5% / \$200,000.00

DBE/MBE/SPSF Utilization: Public Participation Partners LLC
1% / \$40,000.00

SPSF Utilization: Right of Way Consultants LLC
5% / \$200,000.00

Description of Work: 2021 Western Divisions' (8-14) Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC

Firm: Sepi Engineering and Construction Inc, Raleigh, NC

Maximum Engineering Fee: \$4,000,000.00

SPSF Utilization: Hinde Engineering Inc
2% / \$80,000.00

SPSF Utilization: Parrish and Partners of NC PLLC
4% / \$160,000.00

SPSF Utilization: Patriot Transportation Engineering PLLC
2% / \$80,000.00

SPSF Utilization: Carolina Transportation Engineers & Associates PC
3% / \$120,000.00

Description of Work: 2021 Western Divisions' (8-14) Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC

Firm: Simpson Engineers & Associates PC, Cary, NC

Maximum Engineering Fee: \$500,000.00

DBE/MBE/SPSF Utilization: 100%

Description of Work:	2021 Western Divisions' (8-14) Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESG) LSC
Firm:	Stantec Consulting Services Inc, Chicago, IL
Maximum Engineering Fee:	\$4,000,000.00
SPSF Utilization:	Catlin Engineers and Scientists 2% / \$80,000.00
DBE/MBE Utilization:	Cincar Consulting Group LLC 2% / \$80,000.00
SPSF Utilization:	Exult Engineering PC 2% / \$80,000.00
DBE/WBE/SPSF Utilization:	Falcon Engineering Inc 2% / \$80,000.00
SPSF Utilization:	Hinde Engineering Inc 2% / \$80,000.00
SPSF Utilization:	MI Engineering PLLC 2% / \$80,000.00
SPSF Utilization:	Patriot Transportation Engineering PLLC 2% / \$80,000.00
SPSF Utilization:	Rice LLC 1.5% / \$60,000.00
SPSF Utilization:	Right of Way Consultants LLC 2% / \$80,000.00
SPSF Utilization:	Sungate Design Group PA 2% / \$80,000.00
SPSF Utilization:	Wetherill Engineering Inc 4% / \$160,000.00

Description of Work: 2021 Western Divisions' (8-14) Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESc) LSC

Firm: Stewart, Philadelphia, PA

Maximum Engineering Fee: \$1,500,000.00

SPSF Utilization: Sungate Design Group PA
5% / \$75,000.00

SPSF Utilization: Ramey Kemp & Associates Inc
5% / \$75,000.00

SPSF Utilization: Patriot Transportation Engineering PLLC
3% / \$45,000.00

DBE/WBE/SPSF Utilization: New South Associates Inc
2% / \$30,000.00

SPSF Utilization: Right of Way Consultants LLC
1% / \$15,000.00

SPSF Utilization: The Wooten Company
2% / \$30,000.00

DBE/WBE/SPSF Utilization: Richard Grubb and Associates Inc
1% / \$15,000.00

Description of Work: 2021 Western Divisions' (8-14) Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESc) LSC

Firm: STV Engineers Inc, Douglassville, PA

Maximum Engineering Fee: \$4,000,000.00

DBE/WBE/SPSF Utilization: CH Engineering PLLC
2.5% / \$100,000.00

SPSF Utilization: Exult Engineering PC
2% / \$80,000.00

DBE/WBE/SPSF Utilization: Richard Grubb And Associates Inc
1% / \$40,000.00

DBE/MBE/SPSF Utilization: Tech Engineering Group PLLC
2.5% / \$100,000.00

DBE/WBE/SPSF Utilization: Three Oaks Engineering
2% / \$80,000.00

Description of Work: 2021 Western Divisions' (8-14) Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GES) LSC

Firm: Summit Design and Engineering Services PLLC, Hillsborough, NC

Maximum Engineering Fee: \$3,000,000.00

DBE/MBE/SPSF Utilization: Accelerate Engineering PLLC
3% / \$90,000.00

DBE/MBE/SPSF Utilization: Davenport
5% / \$150,000.00

DBE/WBE/SPSF Utilization: Three Oaks Engineering
9% / \$270,000.00

Description of Work: 2021 Western Divisions' (8-14) Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GES) LSC

Firm: TGS Engineers, Shelby, NC

Maximum Engineering Fee: \$4,000,000.00

SPSF Utilization: Carolina Ecosystems Inc
3% / \$120,000.00

SPSF Utilization: Carolinas Geotechnical Group PLLC
3% / \$120,000.00

SPSF Utilization: Hinde Engineering Inc
2% / \$80,000.00

DBE/MBE/SPSF Utilization: MM/I and Associates LLC
1% / \$40,000.00

DBE/WBE/SPSF Utilization: New South Associates Inc
1% / \$40,000.00

SPSF Utilization: Rice LLC
2% / \$80,000.00

SPSF Utilization: The Wooten Company
2% / \$80,000.00

Description of Work: 2021 Western Divisions' (8-14) Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GES) LSC

Firm: Three Oaks Engineering, Durham, NC

Maximum Engineering Fee: \$500,000.00

DBE/WBE/SPSF Utilization: 100%

Description of Work: 2021 Western Divisions' (8-14) Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC

Firm: Traffic Planning and Design Inc, Pottstown, PA

Maximum Engineering Fee: \$500,000.00

DBE/MBE/SPSF Utilization: Public Participation Partners LLC
3% / \$15,000.00

Description of Work: 2021 Western Divisions' (8-14) Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC

Firm: Vaughn & Melton Consulting Engineers Inc, Asheville, NC

Maximum Engineering Fee: \$4,000,000.00

SPSF Utilization: Parrish and Partners of NC PLLC
3.25% / \$130,000.00

SPSF Utilization: MI Engineering PLLC
2% / \$80,000.00

SPSF Utilization: Mattern & Craig Inc
2% / \$80,000.00

SPSF Utilization: Scenic Consulting Group PLLC
2% / \$80,000.00

SPSF Utilization: Carolina Transportation Engineers & Associates PC
1.5% / \$60,000.00

Description of Work: 2021 Western Divisions' (8-14) Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC

Firm: VHB Engineering NC PC, Boston, MA

Maximum Engineering Fee: \$4,000,000.00

SPSF Utilization: Carolina Land Acquisitions Inc
1% / \$40,000.00

DBE/WBE/SPSF Utilization: Falcon Engineering Inc
2% / \$80,000.00

DBE/WBE/SPSF Utilization: New South Associates Inc
1% / \$40,000.00

Description of Work: 2021 Western Divisions' (8-14) Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC

Firm: Volkert Inc, Birmingham, AL

Maximum Engineering Fee: \$3,000,000.00

DBE/MBE/SPSF Utilization: Davenport
5% / \$150,000.00

DBE/MBE/SPSF Utilization: Simpson Engineers & Associates PC
1% / \$30,000.00

DBE/WBE/SPSF Utilization: Three Oaks Engineering
4% / \$120,000.00

DBE/SPSF Utilization: Westcott Small & Associates PLLC
2% / \$60,000.00

Description of Work: 2021 Western Divisions' (8-14) Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC

Firm: Wetherill Engineering Inc, Raleigh, NC

Maximum Engineering Fee: \$3,000,000.00

SPSF Utilization: 100%

Description of Work: 2021 Western Divisions' (8-14) Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC

Firm: WSP USA Inc, Dallas, TX

Maximum Engineering Fee: \$4,000,000.00

SPSF Utilization: Hinde Engineering Inc
3% / \$120,000.00

DBE/WBE/SPSF Utilization: Three Oaks Engineering
2% / \$80,000.00

Division 14

This contract provides pre/post-construction design and constructability review services in connection with the project. This contract will expire five (5) years with one (1) one-year extension 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 a contractor in accordance with 2018-5 North Carolina Session Law {Senate Bill 99} Section 34.13 and the Guidelines for Awarding Construction Manager/General Contractor Project Issued December 21, 2018. This is for information only.

Division 14

Project:	B-6054A, B, C, D, & E, Haywood County Bridge No. 57 on I-40 over SR 1101 (Harmon Den Rd/Cold Springs Creek Rd) and Cold Spring Creek. Bridge No. 159 on I-40 over SR 1338 (White Oak Road). Bridge No. 171 on I-40 over SR 1338 (White Oak Road). Bridge No. 124 on I-40 over SR 1338 (White Oak Road) and Fines Creek. Bridge No. 142 on I-40 over Pigeon River.
Scope of Work:	Constructability support and incremental cost estimates in conjunction with design refinement and reviews.
Maximum Professional Service Fee:	\$5,000,000.00
Firm:	Kiewit Infrastructure South Co, Peachtree City, GA
SPSF Utilization	0%

Technical Services

Project Management Unit

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

STATEWIDE

Description of work:	2020 Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	KCI Associates of North Carolina PA, Baltimore, MD
Original Engineering Fee:	\$2,000,000.00
Supplemental Fee:	\$1,000,000.00
SPSF Utilization:	Sungate Design Group PA 10% / \$100,000.00
DBE/WBE/SPSF Utilization:	Planning Communities LLC 15% / \$150,000.00

END of ITEM D.

**NCDOT AUGUST 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

There will be no Secondary Road Improvement projects submitted to the Board for approval at the August 2021 Board meeting.

NCDOT August 5, 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 3				
New Hanover	52342	0.22 0.22	Belle Meade Plantation Pine Hollow Drive McGinnis Lane	6/28/2021
New Hanover	52343	0.09	Parkwood Extension Extend SR 2119, Acres Drive	6/16/2021
New Hanover	52344	0.13	Waterstone Waterstone Drive	6/10/2021
Onslow	52345	0.07	Extend SR 1671, Bettie Dixon Road	6/9/2021
Pender	52346	0.73	Wyndwater West Craftsman Way	6/28/2021
Sampson	52347	0.19	Mill Ridge Extend SR 1680, Mill Ridge Court	5/27/2021
Division 4				
Edgecombe	52348	0.04	Clarence G. Brown Extend SR 1354, Benbro Drive	6/9/2021
Halifax	52349	0.04	Wedgewood Village Ashford Lane	4/26/2021
Johnston	52350	0.48 0.16 0.16	Blaze Ridge Blaze Ridge Drive Bonfire Court Lightning Trail	6/10/2021
Johnston	52351	0.27	Wall Ridge Whistling Duck Way	6/10/2021
Division 5				
Franklin	52352	0.07 0.09 0.12 0.05	Ashton Meadows Extend SR 2026, Hilldebrant Drive Midlavian Drive Prospectus Lane Extend SR 2047, Herringbone Drive	6/24/2021
Wake	52353	0.07	Brighton Knoll Endwell Drive	6/3/2021
Wake	52354	0.05	Wakefield Meadows Maple Hollow Court	6/17/2021

NCDOT August 5, 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				
Guilford	52355		Old Moores Mill	3/2/2021
		0.51	Lambert Lake Road	
		0.11	Lambert Lake Court	
		0.06	Laffin Court	
Rockingham	52356	0.28	Commonwealth Business Centre Commonwealth Crossing Parkway	5/4/2021
Rockingham	52357	0.07	Plantation Feather Ridge Circle	3/15/2021
Rockingham	52358	0.08	The Reserve at Winsome Forest Oakchester Court	5/12/2021
Division 9				
Davidson	52359	0.12	White Oak Estates White Oak Court	5/25/2021
Forsyth	52360		Waterford Glen	6/7/2021
		0.34	Waterford Glen Lane	
		0.22	Tralee Road	
Division 10				
Mecklenburg	52361		Mckee Ridge	6/8/2021
		0.05	Extend SR 5974, Aullcin Court	
		0.09	Hicklin Extend SR 5974, Aullcin Court	6/8/2021
Division 12				
Cleveland	52362	0.68	Shallow Brook Extend SR 1834, Laura Road	6/29/2021
Gaston	52363		Highgrove Estates	6/22/2021
		0.20	Highgrove Place	
		0.17	Steepleview Court	
Iredell	52364	0.21	Brawley Woods Brawley Woods Lane	6/10/2021
Iredell	52365	0.50	Hidden Meadows Hidden Meadows Drive	6/10/2021
Lincoln	52366		Quinlan Estates	6/21/2021
		0.33	Quinlan Lane	
		0.06	Dolphin Lane	
		0.34	Waterview Trail	

NCDOT August 5, 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 3				
Duplin	52367	0.14	SR 1734, Midway Court Retain 0.46 miles	5/27/2021
Division 10				
Anson	52368	1.84	SR 1700, Smith Ferry Road Retain 0.00 miles	6/10/2021
		1.85	SR 1702, McAllister Farm Road Retain 0.00 miles	
Division 11				
Surry	52369	0.15	SR 1371, Worth Street Retain 1.02 miles	6/22/2021

Number of roads petitioned for addition – 37

Number of roads petitioned for abandonment - 4

Corrections to the State Highway System:

County	Requested Action
Cabarrus	Petition 31155. Correct the length of addition for SR 2516 Birnam Wood Drive from 0.36 to 0.42 miles. This correction is retroactive to June 13, 1986.
Durham	Petition 3400. Correct the length of addition SR 1993 Sander Drive from 0.10 to 0.15 miles. This correction is retroactive to April 27, 1961
Pender	Petition 26734. Correct the retroactive date for the SR 1635 Steve Pearsall Road correction that was listed on the July 2021 Item G agenda. The correct date is November 9, 1984.
Wake	Petition 16230. Correct the length of addition for SR 1471 Jane Drive from 0.10 miles to 0.07 miles. This correction is retroactive to August 05, 1971.

NCDOT AUGUST 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 4 Nash	WBS 80071 was established (02/18) to construct a left turn lane on SR 1544 (Halifax Road) at the Ketch Point Subdivision Decrease funds	High Impact / Low Cost <u>TOTAL</u>	 (\$650,000.00) <u>(\$650,000.00)</u>
Div 4 Johnston	WBS 80072 was established (02/18) to eliminate intersection skew and install a westbound left turn lane on SR 1550 (Winston Road) at SR 1551 (Guy Road) Decrease funds	High Impact / Low Cost <u>TOTAL</u>	 (\$550,000.00) <u>(\$550,000.00)</u>
Div 4 Johnston	Town of Clayton – WBS 49502 was established (12/20) for preliminary engineering work associated with the SR 1560 (Ranch Road) extension project in Clayton; U-6223 Increase funds	High Impact / Low Cost <u>TOTAL</u>	 \$1,200,000.00 <u>\$1,200,000.00</u>
Div 7 Rockingham	Preliminary design work needed to remove and replace the existing sewer line beside Bridge #233 on SR 1964 (Mebane Bridge Rd) WBS 49789	Contingency <u>TOTAL</u>	 \$150,000.00 <u>\$150,000.00</u>
Div 8 Randolph	WBS 47606 was established (07/17) for preliminary design and planning specific to transportation improvements for the Greensboro-Randolph Megasite project Increase funds	Contingency <u>TOTAL</u>	 \$250,000.00 <u>\$250,000.00</u>
Div 9 Davie	Extend Sheek Street off of Industrial Boulevard in Mocksville serving the Liberty Storage Solutions Facility WBS 49748	Econ Development / Public Access <u>TOTAL</u>	 \$125,000.00 \$50,000.00 <u>\$175,000.00</u>
Div 13 Buncombe	WBS 42433 was established (12/08) to construct access road and bridge serving the new Buncombe County Sports Complex Industrial Park; project scope includes installing left turn lanes for the new bridge Increase funds	Econ Development <u>TOTAL</u>	 \$197,000.00 <u>\$197,000.00</u>

August 5, 2021

NCDOT AUGUST 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
Statewide	WBS 72.1000 was established (06/16) for paving drives from state-maintained roads to bay doors of fire and rescue facilities [N.C.G.S. 136-18(24)] Increase funds	Public Access <u>TOTAL</u>	<u>\$200,000.00</u> \$200,000.00
Statewide	WBS 72.2000 was established (06/16) for paving school bus drives and stabilizing bus parking areas at public schools [N.C.G.S. 136-18(17)] Increase funds	Public Access <u>TOTAL</u>	<u>\$200,000.00</u> \$200,000.00

Summary:	Number of Divisions	6
	Number of Projects	9
	High Impact/Low Cost Commitment	\$0.00
	Small Construction Commitment	\$0.00
	Contingency Commitment	\$400,000.00
	Economic Development Commitment	\$322,000.00
	Public Access Commitment	\$450,000.00
	TOTAL:	\$1,172,000.00

NCDOT August Board of Transportation Agenda

Public Transportation Program

<u>Division</u>	<u>Project Number</u>	<u>Urban State Match</u>	<u>Estimated Project Cost</u>	
03	22-UM-114	CITY OF JACKSONVILLE TRANSIT DEPARTMENT FY22 URBAN STATE MATCH CAPITAL State match for Urban Capital purchase for replacement of (3) 35ft vehicles. Application Number: 1000011581	\$421,401.00	Total
			\$337,120.00	Federal
			\$42,140.00	Non-billable
				State
			\$42,141.00	Local
05	22-UM-117	TOWN OF CHAPEL HILL FY22 URBAN STATE MATCH CAPITAL State match for Urban Capital to purchase (7) zero-emission, electric buses and charging stations for Chapel Hill Transit. Application Number: 1000011572	\$7,000,000.00	Total
			\$5,600,000.00	Federal
			\$1,400,000.00	Non-billable
				State
			\$0.00	Local
06	22-UM-104	CITY OF FAYETTEVILLE FY22 URBAN STATE MATCH CAPITAL Urban state match funds for capital purchase of (6) 35ft low-floor replacement buses (3) accessible minivans (6) less than 30ft LTVs for Fayetteville. Application Number: 1000011564	\$3,634,000.00	Total
			\$3,088,900.00	Federal
			\$272,550.00	Non-billable
				State
			\$272,550.00	Local
07	22-UM-105	CITY OF GREENSBORO FY22 URBAN STATE MATCH CAPITAL State match for Urban Capital to purchase the replacement of (4) 35-foot diesel vehicles for Greensboro. Application Number: 1000011444	\$2,080,332.00	Total
			\$1,768,282.00	Federal
			\$145,623.00	Non-billable
				State
			\$166,427.00	Local
07	22-UM-105b	CITY OF GREENSBORO FY22 URBAN STATE MATCH CAPITAL State match for Urban Capital purchases of (2) replacement <(><<>30-foot paratransit vehicles with ADA accessibility. Application Number: 1000011462	\$175,875.00	Total
			\$149,493.00	Federal
			\$12,311.00	Non-billable
				State
			\$14,071.00	Local
07	22-UM-120	PIEDMONT AUTHORITY FOR REGIONAL TRANSPORTATION FY22 URBAN STATE MATCH CAPITAL State match for Urban Capital purchase to purchase (10) Heavy Duty bus replacements for Piedmont Area Transit Authority (PART) Application Number: 1000011535	\$4,894,268.00	Total
			\$3,915,414.00	Federal
			\$489,426.00	Non-billable
				State
			\$489,428.00	Local
09	22-UM-106	CITY OF WINSTON SALEM FY22 URBAN STATE MATCH CAPITAL State match for Urban Capital purchases for FTA direct recipients. Funds to purchase 4 Trans AID buses for para-transit services (3) replacements and (1) for expansion. Support vehicle to include 1 van (15 passenger capacity). Application Number: 1000011514	\$817,873.00	Total
			\$654,298.00	Federal
			\$81,787.00	Non-billable
				State
			\$81,788.00	Local

10	22-UM-102	CITY OF CHARLOTTE	\$2,494,980.00	Total
		FY22 URBAN STATE MATCH CAPITAL		
		State match for Urban Capital purchase for (5) 40ft Replacement Vehicles for Charlotte Area Transit System (CATS)	\$1,995,984.00	<i>Federal</i>
		Application Number: 1000011562	\$249,498.00	<i>Non-billable</i>
			\$249,498.00	State
				Local
10	22-UM-102B	CITY OF CHARLOTTE	\$7,416,000.00	Total
		FY22 URBAN STATE MATCH CAPITAL		
		State match for Urban Capital purchases for (11) 45' over-the-road clean diesel motor coaches and one (1) partially funded by the FFY 2018 CMAQ Grant NC-2018-076 to replace vehicles	\$5,932,800.00	<i>Federal</i>
		Application Number: 1000011561	\$741,600.00	<i>Non-billable</i>
			\$741,600.00	State
				Local
10	22-UM-102C	CITY OF CHARLOTTE	\$8,221,635.00	Total
		FY22 URBAN STATE MATCH CAPITAL		
		State match for Urban Capital to purchase replacements for (11) 40ft bus, (17) 30ft bus, and (16) van for Charlotte Area Transit (CATS)	\$6,577,308.00	<i>Federal</i>
		Application Number: 1000011301	\$822,163.00	<i>Non-billable</i>
			\$822,164.00	State
				Local

**Item I - I: Total Projects 10: Total Federal (Non-Billable) and State Funds \$37,156,364
(Total State Funds \$4,257,098)**

<u>No of Projects</u>	<u>Program ID</u>	<u>Federal Amount (Non-Billable)</u>	<u>State Amount</u>	<u>Local Amount</u>	<u>Total Amount</u>
10	P2022_URBAN STATE MATCH	\$30,019,599	\$4,257,098	\$2,879,667	\$37,156,364
10	TOTAL	\$30,019,599	\$4,257,098	\$2,879,667	\$37,156,364

NCDOT August Board of Transportation Agenda

Rail Program

Town/County Division	Project Description	Estimated Cost
Division 1 Camden County Currituck County Pasquotank County 80000.1.4.112	The Rail Division requests board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds to assist in the construction of improvements to the Chesapeake & Albemarle Railroad (CA) railway corridor. Improvements to include bridge modernization with culvert installation, crosstie upgrades, along with ballast and surfacing on the CA mainline. CA will be responsible for construction of the project. The total estimated cost to the Department is \$550,000. FRRCSI ID: F21111	\$550,000
Division 3 New Hanover County 80000.1.4.102	The Rail Division requests board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds to assist in the construction of Radiation Portals at the Port of Wilmington's Intermodal Rail area. Construction includes design, procurement, and installation of Radiation Portals, which will be supervised by Pacific National Labs (PNNL) to ensure compliance to specific standards. NC State Ports Authority (NCSPA) will be responsible for the construction of the project. The total estimated cost to the Department is \$470,000. FRRCSI ID: F21101	\$470,000
Division 3 New Hanover County 80000.1.4.103	The Rail Division requests board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds to assist in the construction of rail improvements to the Wilmington Terminal Railroad (WTRY) railway corridor. The project will replace on-dock rail and repair asphalt on Berth 2 at the Port of Wilmington on the WTRY corridor. NC State Ports Authority (NCSPA) will be responsible for construction of the project. The total estimated cost to the Department is \$230,000. FRRCSI ID: F21102	\$230,000
Division 12 Iredell County 80000.1.4.108	The Rail Division requests board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds to assist in the construction of improvements to the Alexander Railroad (ARC) railway corridor. Improvements will include upgrades to mainline and turnout track, removal of an unused turnout, along with upgrades of two (2) grade crossings. ARC will be responsible for construction of the project. The total estimated cost to the Department is \$205,000. FRRCSI ID: F21107	\$205,000

NCDOT August Board of Transportation Agenda

Rail Program

Town/County Division	Project Description	Estimated Cost
Divisions 13 Buncombe County 80000.1.4.105	The Rail Division requests board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds to assist in the construction of improvements to the Watco Companies, LLC d/b/a Blue Ridge Southern Railroad (BLU) railway corridor. The project will upgrade worn rail and an existing grade crossing in Skyland Subdivision. BLU will be responsible for construction of the project. The total estimated cost to the Department is \$375,000. FRRCSI ID: F21104	\$375,000
Divisions 13, 14 Buncombe County Haywood County Henderson County Jackson County 80000.1.4.117	The Rail Division requests board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds to assist in the construction of improvements to the Watco Companies, LLC d/b/a Blue Ridge Southern Railroad (BLU) railway corridor. The project has a CRISI grant match to upgrade track and modernize bridges in the Canton and Skyland Subdivisions. BLU will be responsible for construction of the project. The total estimated cost to the Department is \$1,510,000. FRRCSI ID: F21116	\$1,510,000
Division 14 Haywood County 80000.1.4.104	The Rail Division requests board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds to assist in the construction of rail improvements to the Watco Companies, LLC d/b/a Blue Ridge Southern Railroad (BLU) railway corridor. The project will upgrade severely worn rail on 2.5% grade with multiple joints and compromised joint bars in the Canton Subdivision. BLU will be responsible for construction of the project. The total estimated cost to the Department is \$170,000. FRRCSI ID: F21103	\$170,000

ITEM I - 2 SUMMARY – 7 PROJECTS - (TOTAL STATE) \$3,510,000

NCDOT August Board of Transportation Agenda
Bicycle and Pedestrian Transportation Program

Town/County Division	Planning Grants	Estimated Cost
Shallotte Brunswick County Division	Town of Shallotte Bicycle and Pedestrian Plan Population 5,000	\$59,225 Total \$18,462 Federal \$35,763 State \$5,000 Local
Wilmington New Hanover County Division 3	City of Wilmington Pedestrian Plan Update Population 123,744	\$154,500 Total \$18,462 Federal \$64,788 State \$71,250 Local
Nashville Nash County Division 4	Town of Nashville Bicycle and Pedestrian Plan Population 5,500	\$59,225 Total \$18,462 Federal \$35,763 State \$5,000 Local
Franklinton Franklin County Division 5	Town of Franklinton Bicycle and Pedestrian Plan Population 2,260	\$59,225 Total \$18,462 Federal \$35,763 State \$5,000 Local
Garner Wake County Division 5	Town of Garner Pedestrian Plan Population 33,463	\$79,825 Total \$18,462 Federal \$40,363 State \$21,000 Local
Lake Waccamaw Columbus County Division 6	Town of Lake Waccamaw Bicycle and Pedestrian Plan Population 1,451	\$59,225 Total \$18,462 Federal \$35,763 State \$5,000 Local
Jamestown Guilford County Division 6	Town of Jamestown Bicycle and Pedestrian Plan Population 4,487	\$59,225 Total \$18,462 Federal \$35,763 State \$5,000 Local
Mount Airy Surry County Division 11	City of Mount Airy Pedestrian Plan Update Population 10,193	\$54,075 Total \$18,462 Federal \$26,613 State \$9,000 Local

August 5, 2021

NCDOT August Board of Transportation Agenda
Bicycle and Pedestrian Transportation Program

Town/County Division	Planning Grants	Estimated Cost
Belmont Gaston County Division 12	City of Belmont Pedestrian Plan Update Population 12,558	\$54,075 Total \$18,462 Federal \$26,613 State \$9,000 Local
Catawba Catawba County Division 12	Town of Catawba Bicycle and Pedestrian Project Acceleration Plan Population 624	\$43,775 Total \$21,814 Federal \$18,461 State \$3,500 Local
Burnsville Yancey County Division 13	Town of Burnsville Bicycle and Pedestrian Project Acceleration Plan Population 1,643	\$43,775 Total \$21,813 Federal \$18,462 State \$3,500 Local
Hayesville Clay County Division 14	Town of Hayesville Bicycle and Pedestrian Plan Population 377	\$59,225 Total \$18,462 Federal \$35,763 State \$5,000 Local
Hendersonville Henderson County Division 14	City of Hendersonville Pedestrian Plan Update Population 14,157	\$54,075 Total \$18,462 Federal \$26,613 State \$9,000 Local

Funding Sources

Federal = State Planning and Research

State = (a) State Planning and Research State Match and (b) State Planning Funds

Local = Local Match

Division	Other Projects	Estimated Cost
Statewide	Nonmotorized Volume Data Collection Program Funds will be used to provide continued support for IMD's data collection program in coordination with local entities and NC State's Institute for Research and Education.	\$80,000 Total \$80,000 State

ITEM I - 3 SUMMARY – 14 PROJECTS – (TOTAL: FEDERAL, STATE AND LOCAL) \$919,450

August 5, 2021

NCDOT August 2021 Board of Transportation Agenda

Aviation Program

Town/County Division	Project Description	Estimated Cost
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There will be no items presented for approval at the August 5, 2021, Board of Transportation meeting.

ITEM I - 4 SUMMARY – NO PROJECTS

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Bertie Co. Div. 1 R-5809 DIVISION	WBS 46976.1.1 NC 45 from Hertford County Line to Washington County Line. \$1,367,237.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$1,429,800.00
Camden Co. Div. 1 R-5807 DIVISION	WBS 46969.1.1 NC 343 from US 158 to SR 1119 (South Trotman Road) in Shiloh. \$960,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$656,300.00
Camden/ Pasquotank Cos. Div. 1 R-5856 DIVISION	WBS 47544.1.1 US 17 (Future I-87) from US 17/US 158 north of Elizabeth City to Virginia State Line. \$1,010,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$793,839.18). WBS will be closed.	-\$793,839.18
Dare Co. Div. 1 B-5943 STATEWIDE	WBS 46482.3.1 Bridge # 54 over Croatan Sound on US 64 Bypass. \$2,000,000.00 has previously been approved for construction. Funds need to be decreased (\$316,664.28). WBS will be closed.	-\$316,664.28
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 Winton. \$25,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$9,179.63). Funds are not needed at this time.	-\$9,179.63

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Hertford Co. Div. 1 R-5796 REGIONAL	WBS 46881.1.1 US 13/ NC 42/NC 561 (Memorial Drive) from Peachtree Street to NC 42. \$750,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$756,500.00
Northampton Co. Div. 1 R-5757 DIVISION	WBS 44709.1.1 NC 305 from Seaboard Town Limits to Hertford County Line. \$1,778,292.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$822,700.00
Pasquotank Co. Div. 1 U-5939 REGIONAL	WBS 46887.1.1 US 17 Business at SR 1145 (Oak Stump Road). \$813,449.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$442,600.00
Pasquotank Co. Div. 1 U-5940 REGIONAL	WBS 46886.1.1 US 17 (Hughes Boulevard) from SR 1308 (Church Street) to US 17 Business (North Road Street). \$2,000,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$1,358,582.14). Funds are not needed at this time.	-\$1,358,582.14
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. \$5,444,296.00 has previously been approved for preliminary engineering. Additional funds are requested. This project has previously been identified as a Trust Fund Intrastate System project.	\$405,000.00

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Halifax/ Northampton Cos. Divs. 1/4 P-5741 STATEWIDE	WBS 48157.1.1 CSX A Rail Line. \$100,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$73,145.42). Funds are not needed at this time.	-\$73,145.42
Carteret Co. Div. 2 R-4746 DIVISION	WBS 39742.1.2 US 70/NC 12 from SR 1429 (Olga Road) to SR 1350 (Whitehurst Road). \$10,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$9,000.00). Funds are not needed at this time.	-\$9,000.00
Craven Co. Div. 2 P-5742 STATEWIDE	WBS 48158.1.1 Norfolk Southern North Carolina Railroad EC Line. \$200,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$60,991.33). Funds are not needed at this time.	-\$60,991.33
Craven Co. Div. 2 R-2513A DIVISION	WBS 35497.1.3 US 17 from NC 43 to SR 1438 (Spruill Town Road). \$2,150,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$50,444.58). Funds are not needed at this time.	-\$50,444.58
Craven Co. Div. 2 R-3403B REGIONAL	WBS 34538.1.2 US 17 from SR 1433 (Antioch Road) to north of NC 43. \$2,774,627.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$64,783.30). Funds are not needed at this time.	-\$64,783.30

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Craven Co. Div. 2 U-5713 STATEWIDE	WBS 50111.2.1 US 70 (Combined with R-5777 A & B) from the Neuse River Bridge to SR 1124 (Grantham Road). \$43,100,000.00 has previously been approved for full right of way and utilities. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$9,000,000.00
Craven Co. Div. 2 U-5993 REGIONAL	WBS 47113.1.1 NC 55 (Neuse Boulevard) at US 17 Business (MLK Boulevard). \$950,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$118,492.11). Funds are not needed at this time.	-\$118,492.11
Craven Co. Div. 2 U-6198 DIVISION	WBS 48658.1.1 US 17 Alternate (Martin Luther King Jr. Boulevard) from US 70 to SR 1278 (Trent Road). \$10,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$8,746.56). Funds are not needed at this time.	-\$8,746.56
Greene Co. Div. 2 R-5812 DIVISION	WBS 46981.1.1 US 13 Bypass from NC 58 (Kingold Boulevard) to NC 91. \$1,555,257.00 has previously been approved for preliminary engineering. Strategic Transportation Investments Funds need to be decreased (\$521,349.53). This is a BUILD NC BOND project. WBS will be closed.	-\$521,349.53
Greene Co. Div. 2 R-5942 DIVISION	WBS 48560.1.1 US 13 / US 258 from NC 91 to US 258 split. \$10,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$9,000.00). Funds are not needed at this time.	-\$9,000.00

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Lenoir Co. Div. 2 R-5703 REGIONAL	WBS 46375.2.1 NC 148 (Harvey Parkway) from NC 58 to NC 11. \$10,260,000.00 has previously been approved for full right of way. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$1,010,000.00
Lenoir Co. Div. 2 R-5703 REGIONAL	WBS 46375.1.1 NC 148 (Harvey Parkway) from NC 58 to NC 11. \$6,945,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$622,840.80). WBS will be closed.	-\$622,840.80
Lenoir/ Greene Cos. Div. 2 R-5814 DIVISION	WBS 46985.1.1 US 258 from SR 1101 (Browntown Road) to SR 2010 (C. F. Harvey Parkway). \$2,000,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$772,562.97). Funds are not needed at this time.	-\$772,562.97
Pitt Co. Div. 2 U-5870 DIVISION	WBS 54046.1.2 SR 1708 (Firetower Road) from SR 1704 (Fourteenth Street) to NC 33 (East 10th Street) in Greenville. \$1,450,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$191,757.25). Funds are not needed at this time.	-\$191,757.25
Pitt Co. Div. 2 U-5991 DIVISION	WBS 47111.1.1 NC 43 from SR 1708 (Firetower Road) to SR 1711 (Worthington Road). \$2,400,000.00 has previously been approved for preliminary engineering. Funds need to be reduced (\$964,913.33). Funds are not needed at this time.	-\$964,913.33

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Pitt Co. Div. 2 U-6195 DIVISION	WBS 48655.1.1 SR 1204 (Stantonsburg Road) from SR 1204 (B'S Barbeque Road) to NC 11 (Memorial Drive). \$10,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$9,000.00). Funds are not needed at this time.	-\$9,000.00
Onslow/ Jones Cos. Divs. 2/3 R-2514B STATEWIDE	WBS 34442.3.7 US 17 from South of Belgrade to the north of Maysville. \$156,239,747.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. This is a Strategic Transportation Investments Transition project.	\$805,000.00
Brunswick Co. Div. 3 R-5857 STATEWIDE	WBS 47545.1.1 US 17 at US 17 Business South of Shallotte and US 17 Business North of Shallotte. \$550,250.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$363,000.00
New Hanover Co. Div. 3 I-5760A STATEWIDE	WBS 52038.3.2 I-140 from I-40 to US 421. \$2,000,000.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$528,500.00
New Hanover Co. Div. 3 U-4902B REGIONAL	WBS 40238.1.2 US 17 Business (Market Street) from the CSX Railroad to Cinema Drive and from Jacksonville Street to North of US 117/NC 132 (College Road). \$2,550,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$442,341.19). Funds are not needed at this time.	-\$442,341.19

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
New Hanover Co. Div. 3 U-4902C STATEWIDE	WBS 40238.1.3 US 17 Business (Market Street) from North of US 117/NC 132 (College Road) to Station Road. \$4,182,100.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$1,437,916.73). Funds are not needed at this time.	-\$1,437,916.73
New Hanover Co. Div. 3 U-5710A STATEWIDE	WBS 50115.1.2 New location from SR 1409 (Military Cutoff Road) at Drysdale Drive to US 74 (Eastwood Road). \$300,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$171,000.00
New Hanover Co. Div. 3 U-5790 DIVISION	WBS 44362.1.2 US 421 (Carolina Beach Road) from NC 132 (South College Road) to Sanders Road. \$1,500,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$269,855.95). Funds are not needed at this time.	-\$269,855.95
New Hanover Co. Div. 3 U-5926 DIVISION	WBS 46873.1.1 New Route from SR 1302 (23rd Street) to 26th Street. \$1,125,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$543,000.00
New Hanover Co. Div. 3 U-6128 REGIONAL	WBS 48351.1.1 US 76 (Oleander Drive) at Greenville Loop Road and Greenville Avenue. \$260,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$216,105.71). Funds are not needed at this time.	-\$216,105.71

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
New Hanover Co. Div. 3 U-6199 DIVISION	WBS 48659.1.1 Wilmington city wide signal system. \$10,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$9,000.00). Funds are not needed at this time.	-\$9,000.00
New Hanover Co. Div. 3 U-6202 DIVISION	WBS 48662.1.1 SR 2048 (Gordon Road) from US 17 (Market Street) to I-40. \$47,706.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$1,463,000.00
Onslow Co. Div. 3 R-5885 REGIONAL	WBS 48353.1.1 NC 24 (West Corbett Avenue) from Belgrade-Swansboro Road to Front Street. \$1,010,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$846,103.74). Funds are not needed at this time.	-\$846,103.74
Onslow Co. Div. 3 U-4007E STATEWIDE	WBS 35008.1.3 NC 53 from US 17 (Marine Boulevard) to SR 2716 (Exchange Drive). \$1,215,321.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$859,500.68). Funds are not needed at this time.	-\$859,500.68
Onslow Co. Div. 3 U-5736 REGIONAL	WBS 54026.1.1 NC 53 (Western Boulevard) from US 17 (Marine Boulevard) to NC 24 (Lejuene Boulevard). \$2,500,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$405,529.11). Funds are not needed at this time.	-\$405,529.11

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Onslow Co. Div. 3 U-5787 DIVISION	WBS 44359.1.1 SR 2715 (Trade Street) from NC 53 (Western Boulevard) to McDaniel Drive. \$800,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$35,000.00
Onslow Co. Div. 3 U-5791A DIVISION	WBS 44363.1.2 SR 2714 (Jacksonville Parkway Extension) from NC 53 (Western Boulevard) to SR 1324 (Ramsey Road). Initial funds are requested for preliminary engineering.	\$245,000.00
Onslow Co. Div. 3 U-5878 DIVISION	WBS 44694.1.1 Commerce Drive, from Commerce Drive to SR 1406 (Piney Green Road). \$1,294,883.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$260,000.00
Onslow Co. Div. 3 U-6065 STATEWIDE	WBS 47489.1.1 US 17 from NC 172 (Sneads Ferry Road/SR 1518 (Old Folkstone Road). \$750,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$168,000.00
Onslow Co. Div. 3 U-6148 REGIONAL	WBS 48352.1.1 US 258/NC 24 (Richlands Highway) at SR 1329 (Rhodestown Fire Department Road). \$260,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$212,492.04). Funds are not needed at this time.	-\$212,492.04

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Pender Co. Div. 3 B-4929 REGIONAL	WBS 40233.2.1 Replace Bridge # 16 over the Intracoastal Waterway on NC 50/210. \$10,530,200.00 has previously been approved for full right of way. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$430,000.00
Pender/ New Hanover Cos. Div. 3 R-3300A REGIONAL	WBS 40237.1.3 US 17 (proposed Hampstead Bypass) from US 17 Bypass south of Hampstead to NC 210. \$5,122,548.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$1,749,000.00
Pender/ New Hanover Cos. Div. 3 R-3300B REGIONAL	WBS 40237.1.2 US 17 (proposed Hampstead Bypass) from NC 210 to US 17 north of Hampstead. \$10,570,400.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$2,280,000.00
Pender Co. Div. 3 R-5899 REGIONAL	WBS 48355.1.1 NC 210 at SR 1560 (Watts Landing Road). \$260,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$255,184.15). Funds are not needed at this time.	-\$255,184.15
Sampson Co. Div. 3 B-5621 DIVISION	WBS 45576.1.2 Replace bridge 248 over Six Runs Creek on SR 1904 (Pine Ridge Road). \$10,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$324,000.00

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Sampson Co. Div. 3 R-2303C(L) STATEWIDE	WBS 34416.3.14 NC 24 from SR 1404 (Dowdy Road) to SR 1303 (Mitchell Loop Road). Initial funds are requested for landscaping.	\$342,680.00
Sampson Co. Div. 3 R-2303D STATEWIDE	WBS 34416.2.5 NC 24 from SR 1303 (Mitchell Loop Road) to US 421 - 701/ SR 1296 (Sunset Avenue). \$18,348,727.00 has previously been approved for full right of way and utilities. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. This project has previously been identified as a Trust Fund Intrastate System project. This is a Strategic Transportation Investments Transition project.	\$525,000.00
Sampson/ Duplin Cos. Div. 3 R-2303F STATEWIDE/ DIVISION	WBS 34416.1.S2 NC 24 from SR 1935 (Cecil Odie Road) in Sampson County to I-40 in Duplin County. \$967,182.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$494,778.08). Funds are not needed at this time.	-\$494,778.08
Columbus/ Anson/ Brunswick/ Richmond/ Robeson/ Scotland/ Union Cos. Divs. 3/6/8/10 HO-0002D STATEWIDE	WBS 49456.1.5 US 74 from Eastern End of Monroe Bypass to I-40 in Wilmington. Initial funds are requested for preliminary engineering.	\$1,200,000.00
Edgecombe Co. Div. 4 U-4424 DIVISION	WBS 39062.1.2 NC 111 (Wilson Street) from US 64 Alternate (Western Boulevard) to NC 122 (McNair Road). \$1,304,781.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$571,200.00

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Johnston Co. Div. 4 AV-5745 DIVISION	WBS 46339.1.1 Johnston County Airport (JNX), Land acquisition & clearing project. Initial funds are requested for preliminary engineering.	\$231,150.00
Johnston Co. Div. 4 P-5743 REGIONAL	WBS 48331.1.1 Norfolk Southern North Carolina Railroad H Line. \$652,300.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$608,759.68). Funds are not needed at this time.	-\$608,759.68
Johnston Co. Div. 4 R-3410 REGIONAL	WBS 38857.1.1 NC 42 from NC 50 to US 70 Business. \$3,020,950.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$600,900.00
Johnston Co. Div. 4 R-5795 REGIONAL	WBS 44995.1.1 US 70 from US 301 to I-95. \$50,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$10,725.37). Funds are not needed at this time.	-\$10,725.37
Wayne Co. Div. 4 U-2714 REGIONAL	WBS 38979.1.2 US 117 from US 70 Bypass to SR 1306 (Fedelon Trail) in Goldsboro. \$4,858,809.00 has previously been approved for preliminary engineering. Strategic Transportation Investments Funds need to be decreased (\$313,900.59). This is a BUILD NC BOND project. WBS will be closed.	-\$313,900.59

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Wayne Co. Div. 4 U-3609B REGIONAL	WBS 39026.1.2 US 13 (Berkeley Boulevard) from SR 1003 (New Hope Road) to SR 1572 (Saulston Road). \$2,000,000.00 has previously been approved for preliminary engineering. Additional Strategic Transportation Investment Funds are requested. This is a BUILD NC BOND project.	\$504,000.00
Durham Co. Div. 5 U-5720 STATEWIDE	WBS 46308.1.1 SR 1959 (South Miami Boulevard)/SR 1811 (Sherron Road) intersection. \$2,000,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$1,200,000.00
Franklin/ Wake Cos. Div. 5 I-6001 STATEWIDE	WBS 47956.1.1 I-87 /Future I-87 /US 64/ US 264 from I-540 in Knightdale to Nash County Line. Initial funds are requested for preliminary engineering.	\$350,000.00
Granville Co. Div. 5 R-5707 REGIONAL	WBS 46379.2.1 NC 56 at US 15 and NC 50 in Creedmoor. \$1,357,500.00 has previously been approved for full right of way and utilities. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$390,000.00
Wake Co. Div. 5 I-5996 STATEWIDE	WBS 47951.1.1 I-40 from SR 1002 (Aviation Parkway) in Cary to SR 1728 (Wade Avenue) in Raleigh. Initial funds are requested for preliminary engineering.	\$105,000.00

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Wake Co. Div. 5 P-5707 REGIONAL	WBS 44643.1.1 CSX S Line. Grade separation at Rogers Road Extension Crossing (633 905Y) in Wake Forest. \$2,013,800.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$132,000.00
Wake Co. Div. 5 P-5715 REGIONAL	WBS 46927.2.1 New Hope Church Road grade separation over CSX rail line. \$3,300,000.00 has previously been approved for full right of way and utilities. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$3,100,000.00
Wake Co. Div. 5 P-5715 REGIONAL	WBS 46927.1.1 New Hope Church Road grade separation over CSX rail line. \$1,831,500.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$100,000.00
Raleigh/ Wake Co. Div. 5 P-5720 REGIONAL	WBS 46932.2.1 CSX crossing 630 601X at SR 2006 (Durant Road) in Raleigh. \$5,160,000.00 has previously been approved for appraisal of specific parcels. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$175,000.00
Raleigh/ Wake Co. Div. 5 P-5737 STATEWIDE	WBS 48153.2.1 CSX S Rail Line at SR 2108 (Millbrook Road) in Raleigh. Initial funds are requested for full right of way.	\$3,055,000.00

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Raleigh/ Wake Co. Div. 5 P-5737 STATEWIDE	WBS 48153.1.1 CSX S Rail Line at SR 2108 (Millbrook Road) in Raleigh. \$1,550,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$460,000.00
Wake Co. Div. 5 P-5738 STATEWIDE	WBS 48154.1.1 Norfolk Southern H Rail Line at SR 2713 (Vandora Springs Road) in Garner. \$1,200,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$1,167,322.91). Funds are not needed at this time.	-\$1,167,322.91
Wake Co. Div. 5 P-5739 STATEWIDE	WBS 48155.1.1 CSX S Rail Line at SR 1415 (West Maynard Road) in Cary. \$1,440,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$1,328,553.13). Funds are not needed at this time.	-\$1,328,553.13
Wake Co. Div. 5 U-5307B REGIONAL	WBS 47027.1.3 US 1 from North of SR 2006 (Durant Road) to North of SR 2045 (Burlington Mills Road). Initial funds are requested for preliminary engineering.	\$350,000.00
Wake Co. Div. 5 U-5307C REGIONAL	WBS 47027.1.4 US 1 from North of SR 2045 (Burlington Mills Road) to South of NC 98 Bypass. Initial funds are requested for preliminary engineering.	\$350,000.00

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Wake Co. Div. 5 U-5827 DIVISION	WBS 44400.3.1 SR 1632 (Louis Stephens Drive) from Poplar Pike Lane in Morrisville to SR 2153 (Little Drive) in Research Triangle Park. \$6,168,248.00 has previously been approved for construction. Additional Strategic Transportation Investments funds are needed to cover expenditures that have or will exceed the previously authorized budget. This is a BUILD NC BOND project.	\$550,000.00
Orange/ Durham Cos. Divs. 5/7 I-0305 STATEWIDE	WBS 34142.1.2 I-85 from west of SR 1006 (Orange Grove Road) in Orange County to west of SR 1400 (Sparger Road) in Durham County. \$510,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$449,310.50). Funds are not needed at this time.	-\$449,310.50
Columbus Co. Div. 6 R-2561CA REGIONAL	WBS 34466.4.5 NC 87 at NC 11. \$1,651,429.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$834,156.00
Cumberland/ Robeson Cos. Div. 6 I-5987C REGIONAL	WBS 47533.1.5 I-95 - Gauge installation, modeling/hydraulic studies, and stress testing along corridor. Initial funds are requested for preliminary engineering.	\$120,000.00
Cumberland Co. Div. 6 U-5798A DIVISION	WBS 44369.1.2 SR 1102 (Gillis Hill Road) from north of SR 1112 (Stoney Point Road) to US 401(Raeford Road). \$847,669.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$404,000.00

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Cumberland Co. Div. 6 U-5798B DIVISION	WBS 44369.1.3 SR 1102 (Gillis Hill Road) from South of Celtic Drive to North of SR 1112 (Stoney Point Road). Initial funds are requested for preliminary engineering.	\$231,600.00
Cumberland Co. Div. 6 U-5802 DIVISION	WBS 44374.1.1 Spring Lake Bypass from NC 210 (Lillington Highway) to NC 87 (Bragg Boulevard). \$1,500,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$482,148.27). Funds are not needed at this time.	-\$482,148.27
Cumberland Co. Div. 6 U-6001 REGIONAL	WBS 46960.1.1 NC 59 (South Main Street) from SR 1243 (Shipman Road) to SR 1118 (Parkton Road). \$1,300,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$202,087.13). Funds are not needed at this time.	-\$202,087.13
Cumberland Co. Div. 6 U-6072A DIVISION	WBS 47497.1.2 SR 1112 (Rockfish Road) from Strickland Bridge Road to Camden Road. \$775,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$99,308.48). Funds are not needed at this time.	-\$99,308.48
Harnett Co. Div. 6 R-5705A DIVISION	WBS 46377.1.2 NC 55 from just south of SR 1532 (Oak Grove Church Road) to NC 210. \$1,331,963.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$919,500.00

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Harnett Co. Div. 6 R-5705B REGIONAL	WBS 46377.1.3 NC 55 from NC 210 to SR 4809 (Jicarila Lane). \$872,109.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$606,300.00
Robeson Co. Div. 6 I-5987A REGIONAL	WBS 47533.1.2 I-95 from south of US 301 to south of NC 20. \$2,152,882.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$132,910.00
Robeson Co. Div. 6 I-5987AA REGIONAL	WBS 47533.1.4 Construct Weigh In Motion Station on I-95. Initial funds are requested for preliminary engineering.	\$454,000.00
Robeson Co. Div. 6 I-6064A REGIONAL	WBS 49067.1.2 I-95 from I-74 (Exit 13) to Carthage Road (Exit 19). Initial funds are requested for preliminary engineering.	\$166,500.00
Robeson Co. Div. 6 I-6064B STATEWIDE	WBS 49067.1.3 I-95 from Carthage Road (Exit 19) to US 301 (Fayetteville Road, Exit 22). Initial funds are requested for preliminary engineering.	\$166,500.00

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Robeson Co. Div. 6 I-6064D STATEWIDE	WBS 49067.1.6 I-95 - Gauge installation, modeling / hydraulic studies and stress testing along corridor. Initial funds are requested for preliminary engineering.	\$120,000.00
Robeson Co. Div. 6 P-4900AA STATEWIDE	WBS 41099.3.7 Railroad Bypass - Section of SR 1563 for 0.17 miles under the new rail overpass in Pembroke. Initial funds are requested for construction.	\$620,000.00
Alamance Co. Div. 7 U-5843 DIVISION	WBS 50233.3.1 US 70 (Church Street) at SR 1817 (Graham - Hopedale Road) in Burlington. \$2,771,621.00 has previously been approved for construction. Additional Strategic Transportation Investments funds are needed to cover expenditures that have or will exceed the previously authorized budget. This is a BUILD NC BOND project.	\$170,000.00
Greensboro/ Guilford Co. Div. 7 I-5965 STATEWIDE	WBS 45915.1.1 I-40 / Business 85 / US 29 / US 70 / US 220 from SR 1398 (Freeman Mill Road) to US 29 / US 70 / US 220 in Greensboro. \$1,000,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$446,915.94). Funds are not needed at this time.	-\$446,915.94
Guilford Co. Div. 7 I-5980 DIVISION	WBS 46964.1.1 I-40 at SR 1860 (Macy Grove Road). \$1,000,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$448,267.96). Funds are not needed at this time.	-\$448,267.96

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Guilford Co. Div. 7 P-5709 REGIONAL	WBS 46920.1.1 Norfolk Southern Railroad H LINE. \$1,550,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$500,000.00
Greensboro/ Guilford Co. Div. 7 P-5713 STATEWIDE	WBS 46925.1.1 North Carolina Railroad (NCRR) / Norfolk Southern Railroad at SR 1424 (Hilltop Road) in Greensboro. Convert at-grade crossing to grade separation. \$1,079,500.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$360,000.00
Guilford Co. Div. 7 R-2413A STATEWIDE	WBS 34429.3.S8 Future I-73 - from four lanes at SR 2011 (Edgefield Road) to SR 2127 (Brook Bank Road). Combined for Letting with R-2413B, Future I-73 from SR 2127 (Brook Bank Road) to Haw River, I-5110, Future I-73 from NC 68 to Greensboro Western Loop, and I-5110A, PTAA (Piedmont Triad Airport Authority) Taxiway Bridge. \$137,287,749.00 has previously been approved for construction. Additional funds are requested. This is a Strategic Transportation Investments Transition project. This is a Design-Build project.	\$600,000.00
Guilford/ Rockingham Cos. Div. 7 R-2413C STATEWIDE	WBS 34429.3.7 US 220 / Future I-73 from Haw River to the existing US 220 / NC 68 intersection (combined with R-2309AB), 4.943 miles. \$65,858,178.00 has previously been approved for construction. Additional funds are requested. This project has previously been identified as a Trust Fund Intrastate System project. This is a Strategic Transportation Investments Transition project.	\$200,000.00
Guilford Co. Div. 7 U-2581B DIVISION	WBS 34840.1.3 US 70 from SR 3045 (Mount Hope Church Road) to SR 3056(Rock Creek Dairy Road). \$2,000,000.00 has previously been approved for preliminary engineering. Strategic Transportation Investments Funds need to be decreased (\$1,435,811.80). WBS will be closed. This is a BUILD NC BOND project.	-\$1,435,811.80

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Guilford Co. Div. 7 U-2581BA DIVISION	WBS 34840.1.4 US 70 from SR 3045 (Mount Hope Church Road) to SR 3175 (Birch Creek Road). \$1,604,199.00 has previously been approved for preliminary engineering. Strategic Transportation Investments funds need to be decreased (\$183,852.33). WBS will be closed. This is a BUILD NC BOND project.	-\$183,852.33
Greensboro/ Guilford Co. Div. 7 U-5852 DIVISION	WBS 50241.1.1 SR 2085 (Benjamin Parkway / Bryan Boulevard) from SR 2254 (Wendover Avenue) to Holden Road in Greensboro. \$1,350,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$668,400.00
Guilford Co. Div. 7 U-6045 DIVISION	WBS 46991.1.1 SR 1850 (Sandy Ridge Road) from I-40 to SR 1008 (West Market Street) in Greensboro. \$250,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$205,818.37). Funds are not needed at this time.	-\$205,818.37
Guilford Co. Div. 7 U-6127 REGIONAL	WBS 48396.1.1 NC 68 from SR 2129 (Fogleman Road) to SR 2017 / SR 2269 (Alcorn Road) in Oak Ridge. Initial funds are requested for preliminary engineering.	\$60,000.00
Orange Co. Div. 7 I-5967 STATEWIDE	WBS 45917.1.1 I-85 at SR 1009 (South Churton Street) in Hillsborough. \$1,000,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$565,840.52). Funds are not needed at this time.	-\$565,840.52

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Orange Co. Div. 7 I-5984 STATEWIDE	WBS 47530.1.1 I-85 at NC 86 in Hillsborough. \$1,000,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$783,620.77). Funds are not needed at this time.	-\$783,620.77
Forsyth/ Guilford Cos. Divs. 7/9 I-5981 STATEWIDE	WBS 47527.1.1 I-40 from I-74 / US 311 in Winston Salem to US 421/ Business 40 in Guilford County. \$2,010,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$1,256,833.84). Funds are not needed at this time.	-\$1,256,833.84
Forsyth/ Guilford Cos. Divs. 7/9 R-2577A REGIONAL	WBS 37405.1.2 US 158 from multi-lanes north of US 421 / I-40 Business to SR 1965 (Belews Creek Road). \$2,097,493.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$1,029,600.00
Guilford/ Forsyth Cos. Divs. 7/9 R-2577B REGIONAL	WBS 37405.1.3 US 158 from SR 1965 (Belews Creek Road) to SR 2034 (Anthony Road) in Guilford County. \$150,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$99,516.87). Funds are not needed at this time.	-\$99,516.87
Chatham Co. Div. 8 U-5737 REGIONAL	WBS 54027.1.2 US 64 (East 11th Street) from North Glenn Avenue to US 421 in Siler City. \$1,428,711.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$383,000.00

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Chatham Co. Div. 8 U-6192 DIVISION	WBS 48652.1.1 US 15/ US 501 from US 64 Bypass to SR 1919 (Smith Level Road). \$10,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$8,571.69). Funds are not needed at this time.	-\$8,571.69
Hoke/ Moore Cos. Div. 8 R-5709 REGIONAL	WBS 50205.1.1 NC 211 from US 15 / US 501 in Aberdeen to East of SR 1244 (West Palmer Street) / SR 1311 (Mockingbird Hill Road) in Raeford. \$10,000,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$1,600,000.00
Hoke/ Moore Cos. Div. 8 R-5709A REGIONAL	WBS 50205.3.2 NC 211 Clearing, grubbing, erosion control. Initial funds are requested for construction.	\$14,000,000.00
Hoke Co. Div. 8 U-5753 DIVISION	WBS 51078.1.1 SR 1305 (Wayside Road) from Plank Road to US 401. \$1,390,867.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$900,000.00
Montgomery Co. Div. 8 R-2527 STATEWIDE/ REGIONAL	WBS 35572.1.1 NC 24 - 27 from NC 73 to the Troy Bypass. \$8,359,624.00 has previously been approved for preliminary engineering. Additional Strategic Transportation Investments funds are requested. This project has previously been identified as a Trust Fund Intrastate System project. This is a BUILD NC BOND project.	\$200,000.00

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Montgomery Co. Div. 8 R-5826B DIVISION	WBS 47098.1.3 NC 109 from SR 1127 (Hearne Farm Road) to SR 1174 (Pee Dee Road). \$200,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$336,887.00
Moore Co. Div. 8 AV-5855 DIVISION	WBS 47208.1.1 Moore County Airport (SOP), construct hangar taxiways and internal airfield service road. \$305,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$7,500.00
Moore Co. Div. 8 R-5891 REGIONAL	WBS 48397.1.1 US 15 /US 501/NC 211 at SR 1205/SR 1309 (Morganton Road) in Southern Pines. \$10,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$7,539.71). Funds are not needed at this time.	-\$7,539.71
Moore Co. Div. 8 R-5927 DIVISION	WBS 48544.1.1 US 15/ US 501 from NC 2 and NC 211 traffic circle in Pinehurst to NC 73. \$10,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$8,398.60). Funds are not needed at this time.	-\$8,398.60
Moore Co. Div. 8 U-5815A REGIONAL	WBS 54041.1.2 US 1 (Sandhills Boulevard) from SR 1112 (Roseland Road) to Knight Street in Aberdeen. Initial funds are requested for preliminary engineering.	\$55,000.00

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Randolph Co. Div. 8 R-2220DA REGIONAL	WBS 34394.1.4 US 64 from SR 1409 (Lake Park Road) to proposed Asheboro Bypass. \$1,045,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$560,617.59). Funds are not needed at this time.	-\$560,617.59
Randolph Co. Div. 8 R-2536 STATEWIDE	WBS 34450.3.8 US 64 Asheboro Southern Bypass from US 64 West of Asheboro to existing US 64 East of Asheboro and Zoo Connector from East of SR 2839 (Staleys Farm Road) to existing NC 159 Zoo Entrance. \$279,459,554.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$4,600,000.00
Randolph Co. Div. 8 U-6191 DIVISION	WBS 48651.1.1 NC 62 from SR 3252 (Surrett Drive) in Trinity to SR 1009 (North Main Street) in Archdale. \$10,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$4,299.78). Funds are not needed at this time.	-\$4,299.78
Richmond/ Scotland Cos. Div. 8 I-6055 REGIONAL	WBS 48399.1.1 US 74/Future I-74 from US 74 Business East of Hamlet to US 74 Business West of Laurinburg. \$10,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$8,135.30). Funds are not needed at this time.	-\$8,135.30
Richmond Co. Div. 8 R-5928 DIVISION	WBS 48546.1.1 US 1 from SR 1640 (Wiregrass Road) to Loch Laurin Lane. \$10,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$8,490.99). Funds are not needed at this time.	-\$8,490.99

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Scotland Co. Div. 8 U-5977 REGIONAL	WBS 45965.1.1 US 15 / US 401 from the South Carolina State Line to south of SR 1105 (Turnpike Road) in Laurinburg. \$487,900.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$158,760.10). Funds are not needed at this time.	-\$158,760.10
Davidson/ Randolph Cos. Divs. 8/9 R-2220 REGIONAL	WBS 34394.1.2 US 64 from east of I-85 Business in Lexington to Asheboro Bypass. \$5,330,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$4,839,857.33). Funds are not needed at this time.	-\$4,839,857.33
Davidson Co. Div. 9 R-4734 REGIONAL	WBS 38954.1.1 NC 109 from NC 109 in Denton to I-85 in Thomasville. \$1,000,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$656,174.82). Funds are not needed at this time.	-\$656,174.82
Davidson Co. Div. 9 U-5902 DIVISION	WBS 44725.1.1 NC 150 from US 64 to SR 1508 (Hickory Tree Road/Old Salisbury Road). \$750,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$444,029.52). WBS will be closed.	-\$444,029.52
Davie Co. Div. 9 R-5728 REGIONAL	WBS 50220.1.1 US 601 at South Salisbury Street in Mocksville. \$350,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$166,009.40). WBS will be closed.	-\$166,009.40

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Davie Co. Div. 9 R-5728 DIVISION	WBS 50220.2.1 US 601 at South Salisbury Street in Mocksville. \$1,250,000.00 has previously been approved for full right of way. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$195,000.00
Davie/ Forsyth Cos. Div. 9 U-6076 REGIONAL	WBS 47519.1.1 US 158 from SR 1630 (Baltimore Road) in Davie County to SR 1103 (Lewisville- Clemmons Road) in Clemmons. \$1,000,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$689,465.75). WBS will be closed.	-\$689,465.75
Davie Co. Div. 9 U-6187 DIVISION	WBS 48647.1.1 New route from SR 1630 (Baltimore Road) to I-40. \$131,230.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$891,000.00
Winston- Salem/ Forsyth Co. Div. 9 U-2579 STATEWIDE	WBS 34839.1.3 The Winston-Salem Northern Beltway (Eastern Section) from US 52 to US 311. \$598,661.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$428,458.62). This project has previously been identified as a Trust Fund Urban Loop project. WBS will be closed.	-\$428,458.62
Winston- Salem/ Forsyth Co. Div. 9 U-2579AA REGIONAL	WBS 34839.1.7 Winston-Salem Northern Beltway Eastern Section from US 311 to I-40. \$4,470,888.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$200,000.00

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Winston-Salem/ Forsyth Co. Div. 9 U-2579AB REGIONAL	WBS 34839.1.8 Winston-Salem Northern Beltway Eastern Section (Future I-74) from I-40 to I-40 Business / US 421. \$7,826,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$500,000.00
Winston-Salem/ Forsyth Co. Div. 9 U-2579AB REGIONAL	WBS 34839.2.4 Winston-Salem Northern Beltway Eastern Section (Future I-74) from I-40 to I-40 Business / US 421. \$122,455,020.00 has previously been approved for full right of way and utilities. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. This project has previously been identified as a Trust Fund Urban Loop project.	\$9,650,000.00
Forsyth Co. Div. 9 U-4734 DIVISION	WBS 36600.3.1 SR 2601 (Macy Grove Road) from SR 1005 (East Mountain Street) to NC 150(North Main Street). \$17,871,856.00 has previously been approved for construction. Additional Strategic Transportation Investments funds are needed to cover expenditures that have or will exceed the previously authorized budget. This is a BUILD NC BOND project.	\$255,000.00
Lewisville/ Forsyth Co. Div. 9 U-5536 DIVISION	WBS 44108.1.2 Great Wagon Road from SR 1001 (Shallowford Road) to SR 1308 (Lewisville-Vienna Road). \$834,344.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$454,650.00
Forsyth Co. Div. 9 U-6077 DIVISION	WBS 47524.1.1 SR 4315 (Kernersville Road) from SR 2632 (Sedge Garden Road) in Winston-Salem to Harmon Creek Road in Kernersville. \$750,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$525,545.93). WBS will be closed.	-\$525,545.93

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Rowan Co. Div. 9 P-5726 REGIONAL	WBS 47604.1.1 Norfolk Southern Main track. Construct track improvements, second platform, pedestrian underpass, sitework retaining wall and signaling equipment. \$1,870,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$600,000.00
Rowan Co. Div. 9 U-5901 DIVISION	WBS 44705.1.1 New route from Airport Parkway, SR 1710 (Harrison Road) near US 70 / US 601 (Jake Alexander Boulevard) to SR 2539 (Peach Orchard Road) at US 29 in Salisbury. \$1,000,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$504,030.87). Funds are not needed at this time.	-\$504,030.87
Rowan Co. Div. 9 U-6062 DIVISION	WBS 47486.1.1 SR 2739 (North Main Street / South Main Street) from SR 2000 (Jackson Park Road) / North Loop Road in Kannapolis to SR 1211 (Kimball Road) in China Grove. \$750,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$651,708.33). Funds are not needed at this time.	-\$651,708.33
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. \$1,722,122.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$100,000.00
Cabarrus Co. Div. 10 U-5806 DIVISION	WBS 44378.3.1 Intersection of SR 2894 (Concord Mills Boulevard) and Entrance No. 1 - Kings Grant Pavilion. \$8,894,000.00 has previously been approved for construction. Additional Strategic Transportation Investments funds are needed to cover expenditures that have or will exceed the previously authorized budget. This is a BUILD NC BOND project.	\$450,000.00

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Cabarrus/ Mecklenburg Cos. Div. 10 U-6029 DIVISION	WBS 47154.1.1 SR 2424 (Poplar Tent Road) from SR 1445 (Derita Road) to NC 73. \$740,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$90,305.67). Funds are not needed at this time.	-\$90,305.67
Cabarrus Co. Div. 10 Y-4810K STATEWIDE	WBS 40325.2.46 Rogers Lake Road Overpass Project. \$10,957,059.00 has previously been approved for full right of way and utilities. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$2,125,000.00
Mecklenburg Co. Div. 10 I-5963 STATEWIDE	WBS 45913.1.1 I-485 at NC 16 (Providence Road). \$900,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$95,845.27). Funds are not needed at this time.	-\$95,845.27
Mecklenburg Co. Div. 10 I-6053 REGIONAL	WBS 48412.1.1 I-85 at SR 2480 (Sugar Creek Road) interchange. \$10,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$8,423.43). Funds are not needed at this time.	-\$8,423.43
Mecklenburg Co. Div. 10 P-5705A STATEWIDE	WBS 44475.1.1 Charlotte Gateway Station - Wye Connection Track at Charlotte Junction. \$1,513,625.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$100,000.00

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Mecklenburg Co. Div. 10 R-5706A REGIONAL	WBS 46378.1.2 NC 73 (Davidson Highway) from East of SR 2693 (Davidson Concord Road) to East of SR 1394 (Poplar Tent Road). Initial funds are requested for preliminary engineering.	\$135,000.00
Union Co. Div. 10 U-4714B DIVISION	WBS 39078.1.6 SR 1009 (John Street-Old Monroe Road) from West of Morningside Meadow Lane to East of SR 1377 (Wesley Chapel -Stouts Road). \$1,649,988.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$514,000.00
Huntersville/ Mecklenburg Co. Div. 10 U-5114 REGIONAL	WBS 42376.1.R2 Intersection of US 21 and Gilead Road. Construct intersection improvements, including bicycle and pedestrian accommodations. \$326,293.00 has previously been approved for preliminary engineering. Additional funds are requested. WBS will be closed. This is a Strategic Transportation Investments Transition project.	\$3,224.29
Mecklenburg Co. Div. 10 U-5768 REGIONAL	WBS 50181.1.R1 NC 49 from John Kirk Drive to I-485. \$2,853,903.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$953,600.00
Mecklenburg Co. Div. 10 U-5772 REGIONAL	WBS 50184.1.1 NC 115 (Old Statesville Road) from NC 24 (Harris Boulevard) to I-485. \$1,800,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$285,064.62). Funds are not needed at this time.	-\$285,064.62

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Mecklenburg Co. Div. 10 U-5807 DIVISION	WBS 44379.1.1 SR 2136 (Gilead Road) from US 21 (Statesville Road) to NC 115. \$1,757,014.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$697,499.24). Funds are not needed at this time.	-\$697,499.24
Mecklenburg Co. Div. 10 U-5957 REGIONAL	WBS 46889.1.1 NC 27 (Freedom Drive) from SR 1644 (Toddville Road) to SR 1600 (Moores Chapel Road). \$870,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$100,845.24). Funds are not needed at this time.	-\$100,845.24
Mecklenburg Co. Div. 10 U-6030 DIVISION	WBS 47155.1.1 SR 4979 (Ballantyne Commons Parkway) from Annalexa Lane to SR 5722 (Rea Road). \$440,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$138,342.88). Funds are not needed at this time.	-\$138,342.88
Mecklenburg Co. Div. 10 U-6167 DIVISION	WBS 48628.1.1 SR 3632 (Ardrey Kell Road) from US 521 (Johnston Road) to SR 3624 (Rea Road). \$10,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$9,000.00). Funds are not needed at this time.	-\$9,000.00
Mecklenburg Co. Div. 10 U-6171 DIVISION	WBS 48634.1.1 Bailey Road Extension from US 21 (Statesville Road) to future Northcross Drive Extension. \$10,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$9,000.00). Funds are not needed at this time.	-\$9,000.00

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Union Co. Div. 10 U-4024 REGIONAL	WBS 35017.1.2 US 601 from existing US 74 to the Monroe Bypass. \$500,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$158,962.63). Funds are not needed at this time.	-\$158,962.63
Union Co. Div. 10 U-6169 DIVISION	WBS 48632.1.1 SR 1009 (Old Monroe Road) from SR 1377 (Wesley Chapel-Stouts Road) to SR 1349 (Airport Road). \$10,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$9,000.00). Funds are not needed at this time.	-\$9,000.00
Union Co. Div. 10 U-6170 DIVISION	WBS 48633.1.1 SR 1004 (Lawyers Road) from I-485 to SR 1524 (Stevens Mill Road). \$10,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$9,000.00). Funds are not needed at this time.	-\$9,000.00
Mecklenburg/ Iredell Cos. Divs. 10/12 I-5992 STATEWIDE	WBS 47699.3.1 I-77 from Mile Marker 11 to Mile Marker 20 and Mile Marker 24.5 to Mile Marker 37. \$25,600,000.00 has previously been approved for construction. Funds need to be decreased (\$680,000.00). Funds are not needed at this time. Work will be accomplished under I-5405.	-\$680,000.00
Watauga/ Ashe Cos. Div. 11 R-2915A REGIONAL	WBS 34518.3.6 US 221 from US 421 in Watauga County to SR 1003 (Idlewild Road) in Ashe County. \$72,410,916.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. This is a Strategic Transportation Investments Transition project.	\$930,000.00

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Caldwell Co. Div. 11 R-5745 DIVISION	WBS 50200.3.1 Intersection of US 64/NC 90/NC 18 (Wilkesboro Boulevard) and US 64/ NC90 (Taylorsville Road). \$4,432,589.00 has previously been approved for construction. Additional Strategic Transportation Investments funds are needed to cover expenditures that have or will exceed the previously authorized budget. This is a BUILD NC BOND project.	\$115,000.00
Caldwell Co. Div. 11 U-6157 DIVISION	WBS 48471.1.1 SR 1130 (Cajah Mountain Road) from SR 1001 (Connelly Springs Road) to US 321A. \$660,208.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$612,000.00
Watauga Co. Div. 11 U-5810 DIVISION	WBS 44383.1.1 US 421/US 221 to SR 1522 (Deerfield Road). \$1,233,446.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$909,733.00
Wilkes Co. Div. 11 R-5759 DIVISION	WBS 44691.1.1 NC 115 from US 421 to 2nd Street. \$1,609,135.00 has previously been approved for preliminary engineering. Additional Strategic Transportation Investments funds are requested. This is a BUILD NC BOND project.	\$1,001,200.00
Yadkin Co. Div. 11 B-5833 REGIONAL	WBS 45786.1.2 Replace bridge 29 over I-77 on US 21 Business. \$12,451.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$343,950.00

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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Cleveland Co. Div. 12 R-2707D REGIONAL	WBS 34497.2.13 US 74 Shelby Bypass from east of NC 150 to existing US 74 west of SR 2238 (Long Branch Road). \$6,222,750.00 has previously been approved for advanced acquisition of properties that are total takes and full right of way utilities. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$695,000.00
Iredell Co. Div. 12 R-5100 DIVISION	WBS 41890.1.D1 SR 1109 (Williamson Road) from I-77 to NC 150. \$2,891,460.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$430,200.00
Iredell Co. Div. 12 R-5100A DIVISION	WBS 41890.1.2 SR 1109 (Williamson Road) from I-77 to SR 1100 (Brawley School Road). \$1,140,504.00 has previously been approved for preliminary engineering. Additional Strategic Transportation Investments funds are requested. This is a BUILD NC BOND project.	\$1,217,000.00
Lincoln Co. Div. 12 U-6140 REGIONAL	WBS 48371.1.1 NC 27 (East Main Street) from US 321 to US 321 Business (Generals Boulevard). \$10,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$9,000.00). Funds are not needed at this time.	-\$9,000.00
Buncombe Co. Div. 13 I-5889B STATEWIDE	WBS 46409.1.3 I-40 Roadway Rehabilitation from MP 46 to MP 50. Initial funds are requested for preliminary engineering.	\$1,305,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Asheville/ Buncombe Co. Div. 13 U-2801A REGIONAL	WBS 34859.1.4 US 25A (Sweeten Creek Road) from US 25 (Hendersonville Road) to SR 3081 (Rock Hill Road) in Asheville. \$100,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$445,210.00
McDowell Co. Div. 13 R-0204E DIVISION	WBS 34329.1.4 US 221 - NC 226 (Marion Bypass) from I-40 to SR 1153 (Goose Creek Road). \$1,000,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$866,318.52). Funds are not needed at this time.	-\$866,318.52
Yancey/ Mitchell Cos. Div. 13 R-2519B STATEWIDE	WBS 35609.3.S2 US 19 East from NC 80 in Yancey County to multi-lane section West of Spruce Pine in Mitchell County. \$77,569,716.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. This is a Strategic Transportation Investments Transition project.	\$410,000.00
Cherokee Co. Div. 14 R-5735 DIVISION	WBS 50193.2.1 US 19 / US 74 / US 64 / US 129 from the end of 4-lane divided section to US 19 Business (Hiwassee Street). \$3,899,900.00 has previously been approved for full right of way and utilities. Additional Strategic Transportation Investments funds are needed to cover expenditures that have or will exceed the previously authorized budget. This is a BUILD NC BOND project.	\$305,000.00
Graham Co. Div. 14 R-2822B REGIONAL	WBS 34508.1.2 NC 143 from West Buffalo Creek to NC 143 Business. \$1,103,899.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$1,599,300.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Haywood Co. Div. 14 B-6054A STATEWIDE	WBS 49070.3.1 Replace Bridge #57 over US Forest Service Road / Cold Springs Creek at Harmon's Den on I-40. Initial funds are requested for construction	\$5,000,000.00
Haywood Co. Div. 14 R-5921 DIVISION	WBS 48470.1.1 US 276 (Jonathan Creek Road) from US 19 to I-40. \$376,891.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$823,700.00
Macon Co. Div. 14 U-5604 REGIONAL	WBS 45832.2.1 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. \$4,400,000.00 has previously been approved for full right of way and utilities. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$515,000.00
Transylvania Co. Div. 14 R-5800 REGIONAL	WBS 44985.1.1 US 64/US 276 from Fortune Cove Road to US 64 Business (North Caldwell Street). \$1,218,981.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$721,435.00
Statewide M-0451 STATEWIDE	WBS 43534.1.1 Statewide Landscape Plans for STIP Construction projects. \$1,462,000.00 has previously been approved for preliminary engineering. Additional funds are requested. This project has previously been identified as a Trust Fund Specific State Funds for Construction project.	\$500,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Statewide P-5602P STATEWIDE	WBS 46393.1.16 Rail fleet replacement strategy study. \$600,000.00 has previously been approved for preliminary engineering. Additional funds are requested. WBS will be closed.	\$58,699.83
Alamance/ Cabarrus/ Davidson/ Durham/ Guilford/ Mecklenburg/ Orange/ Randolph/ Rowan/Wake Divs. 5/7/8/9/10 P-5719 REGIONAL	WBS 46931.1.1 North Carolina Railroad (NCRR), Piedmont Service Expansion. Purchase 5 bi-Level passenger cars. \$1,800,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$5,000,000.00
STATEWIDE STRATEGIC TRANSPORTATION INVESTMENTS	43 PROJECTS	\$24,487,459.89
REGIONAL STRATEGIC TRANSPORTATION INVESTMENTS	73 PROJECTS	\$41,267,705.81
DIVISION STRATEGIC TRANSPORTATION INVESTMENTS	68 PROJECTS	\$8,494,301.42
STATEWIDE/DIVISION TRANSPORTATION INVESTMENTS	2 PROJECTS	-\$89,778.08
STATEWIDE/REGIONAL TRANSPORTATION INVESTMENTS	1 PROJECT	\$200,000.00
STRATEGIC TRANSPORTATION INVESTMENTS	187 PROJECTS	\$74,359,689.04

August 05, 2021

*****Corrections*****

P-5705A (WBS 44475.1.1) was listed on the July 9, 2015 and February 2, 2017 agenda as Division, but should have been listed as Statewide.

R -5837 (WBS 47107.1.1) was listed on the May 4, 2017 agenda as Division, but should have been listed as Regional.

R-5798 (WBS 44998.1.1) was listed on the June 1, 2017 agenda as Regional, but should have been listed as Statewide.

NCDOT August 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
Statewide SS-6015B	WBS 49786.1.1 Statewide pedestrian study. Initial Spot Safety preliminary engineering funds are needed for the "Innovating Pedestrian Safety in North Carolina: Standardizing the Leading Pedestrian" project. This project is a companion to State Transportation Innovation Council (STIC) Incentive Project M-0482K. File SW-22-001P	\$75,000.00
Camden Co. Div. 1 SS-6001E	WBS 48966.3.1 (1) US 17 at SR 1251 (Morgan's Corner Road). (2) US 17 Northbound at US 17 Business. \$185,400.00 in Spot Safety construction funds has previously been approved for median closure at SR 1251 and traffic signal installation at US 17 NB and US 17 Business. Additional funds are needed due to an increase in construction costs. File 01-18-54172-2	\$214,600.00
Greene Co. Div. 2 SS-6002M	WBS 49379.3.1 US 13 between the Wayne County Line and NC 58, and US 13 between NC 91 and the Pitt County Line. \$103,500.00 in Spot Safety construction funds has previously been approved for centerline rumble strips installation and edgeline and centerline pavement marking revisions. Description of location needs to be revised from US 13 between the Wayne County Line and NC 58 to US 13 between the Wayne County Line and NC 58, and US 13 between NC 91 and the Pitt County Line. Additional funds are needed due to an increase in scope and construction costs. File 02-20-61721-1	\$266,500.00
Franklin Co. Div. 5 SS-4905EE	WBS 46947.3.1 SR 1103 (Pilot Riley Rd) at SR 1730 (Williams White Rd). \$9,000.00 in Spot Safety construction funds has previously been approved for All Way Stop installation. Project was constructed with other funds. Reduce funds and delete project. File 05-16-3645-1	-\$8,762.24

August 5, 2021

**NCDOT August 2021 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects
and for Specific Spot Mobility Projects**

L-2

**According to Executive Order No. 2 and G.S. 143B-350(g) the Board is requested to
concur with staff recommendations and delegate authority to the Secretary to approve
Funds for Specific Spot Safety and Spot Mobility Improvement Projects**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Wake Co. Div. 5 SM-5705AN	WBS 49356.1.1 Area inclusive of the N.C. State University campus. \$630,000.00 in Spot Mobility preliminary engineering funds has previously been approved for a Multimodal Connected Vehicle Pilot project that aims to create a connected environment that can evaluate the impact of Connected Vehicle (CV) technology on driver and pedestrian safety, as well as improve the day-to-day transportation experience for pedestrians, cyclists, motorists, and transit drivers and passengers. This project is being set up as a 50% companion match to federal ATCMTD grant funds for HO-0001C (49368.1.4). Transfer \$155,000 from SM-5705AN (49356.1.1) to HO-0001C (49368.1.4) to cover the 50% match needed. File 05-20-002-6	\$0.00

**NCDOT August 2021 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects
and for Specific Spot Mobility Projects**

L-3

**According to Executive Order No. 2 and G.S. 143B-350(g) the Board is requested to
concur with staff recommendations and delegate authority to the Secretary to approve
Funds for Specific Spot Safety and Spot Mobility Improvement Projects**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Wake Co. Div. 5 SM-5705AN	WBS 49356.1.1 Area inclusive of the N.C. State University campus. \$630,000.00 in Spot Mobility preliminary engineering funds has previously been approved for a Multimodal Connected Vehicle Pilot project that aims to create a connected environment that can evaluate the impact of Connected Vehicle (CV) technology on driver and pedestrian safety, as well as improve the day-to-day transportation experience for pedestrians, cyclists, motorists, and transit drivers and passengers. This project is being set up as a 50% companion match to federal ATCMTD grant funds for HO-0001B (49368.1.3). Transfer \$50,000 from SM-5705AN (49356.1.1) to HO-0001B (49368.1.3) to cover the 50% match needed. File 05-20-002-5	\$0.00
Wake Co. Div. 5 SM-5705AN	WBS 49356.1.1 Area inclusive of the N.C. State University campus. \$630,000.00 in Spot Mobility preliminary engineering funds has previously been approved for a Multimodal Connected Vehicle Pilot project that aims to create a connected environment that can evaluate the impact of Connected Vehicle (CV) technology on driver and pedestrian safety, as well as improve the day-to-day transportation experience for pedestrians, cyclists, motorists, and transit drivers and passengers. This project is being set up as a 50% companion match to federal ATCMTD grant funds for HO-0001AC (49368.1.7). Transfer \$37,276 from SM-5705AN (49356.1.1) to HO-0001AC (49368.1.7) to cover the 50% match needed. File 05-20-002-4	\$0.00

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**NCDOT August 2021 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects
and for Specific Spot Mobility Projects**

L-4

**According to Executive Order No. 2 and G.S. 143B-350(g) the Board is requested to
concur with staff recommendations and delegate authority to the Secretary to approve
Funds for Specific Spot Safety and Spot Mobility Improvement Projects**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Wake Co. Div. 5 SM-5705AN	WBS 49356.1.1 Area inclusive of the N.C. State University campus. \$630,000.00 in Spot Mobility preliminary engineering funds has previously been approved for a Multimodal Connected Vehicle Pilot project that aims to create a connected environment that can evaluate the impact of Connected Vehicle (CV) technology on driver and pedestrian safety, as well as improve the day-to-day transportation experience for pedestrians, cyclists, motorists, and transit drivers and passengers. This project is being set up as a 50% companion match to federal ATCMTD grant funds for HO-0001AB (49368.1.6). Transfer \$70,276 from SM-5705AN (49356.1.1) to HO-0001AB (49368.1.6) to cover the 50% match needed. File 05-20-002-3	\$0.00
Wake Co. Div. 5 SM-5705AN	WBS 49356.1.1 Area inclusive of the N.C. State University campus. \$630,000.00 in Spot Mobility preliminary engineering funds has previously been approved for a Multimodal Connected Vehicle Pilot project that aims to create a connected environment that can evaluate the impact of Connected Vehicle (CV) technology on driver and pedestrian safety, as well as improve the day-to-day transportation experience for pedestrians, cyclists, motorists, and transit drivers and passengers. This project is being set up as a 50% companion match to federal ATCMTD grant funds for HO-0001AA (49368.1.5). Transfer \$84,750 from SM-5705AN (49356.1.1) to HO-0001AA (49368.1.5) to cover the 50% match needed. File 05-20-002-2	\$0.00

August 5, 2021

**NCDOT August 2021 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects
and for Specific Spot Mobility Projects**

L-5

**According to Executive Order No. 2 and G.S. 143B-350(g) the Board is requested to
concur with staff recommendations and delegate authority to the Secretary to approve
Funds for Specific Spot Safety and Spot Mobility Improvement Projects**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Wake Co. Div. 5 SM-5705AN	WBS 49356.1.1 Area inclusive of the N.C. State University campus. \$630,000 in Spot Mobility preliminary engineering funds has previously been approved for a Multimodal Connected Vehicle Pilot project that aims to create a connected environment that can evaluate the impact of Connected Vehicle (CV) technology on driver and pedestrian safety, as well as improve the day-to-day transportation experience for pedestrians, cyclists, motorists, and transit drivers and passengers. This project is being set up as a 50% companion match to federal ATCMTD grant funds for HO-0001 (49368.1.1). Transfer \$64,000 from SM-5705AN (49356.1.1) to HO-0001 (49368.1.1) to cover the 50% match needed. File 05-20-002-1	\$0.00

August 5, 2021

NCDOT August 2021 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects
and for Specific Spot Mobility Projects

L-6

According to Executive Order No. 2 and G.S. 143B-350(g) the Board is requested to concur with staff recommendations and delegate authority to the Secretary to approve Funds for Specific Spot Safety and Spot Mobility Improvement Projects

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Wake Co. Div. 5 SS-4905EA	WBS 44945.3.1 NC 54 (NW Maynard Rd) at SR 1653 (Evans Rd). \$22,500.00 in Spot Safety construction funds has previously been approved for traffic signal revisions. Project was constructed with other funds. Reduce funds and delete project. File 05-16-2091-1	-\$21,374.48
Davidson Co. Div. 9 SS-6009L	WBS 49426.3.1 NC 109 from SR 1798 (Old Greensboro Road)/SR 1756 (West Lexington Avenue) to SR 1711 (Gumtree Road). \$160,200.00 in Spot Safety construction funds has previously been approved for edgeline and centerline pavement markings revisions. Additional funds are needed due to an increase in construction costs. File 09-20-0949-1	\$57,800.00
Catawba Co. Div. 12 SS-4912BC	WBS 44152.2.1 SR 1491 (Section House Road) at SR 1492 (Sipe Road). \$160,000.00 in Spot Safety right of way and utilities funds has previously been approved for intersection realignment and turn lane construction. Scope needs to be revised to actuated "Prepare to Stop" sign installation. Reduce funds due to change of scope. File 12-13-207-3	-\$159,000.00
Catawba Co. Div. 12 SS-4912BC	WBS 44152.3.1 SR 1491 (Section House Road) at SR 1492 (Sipe Road). \$175,000.00 in Spot Safety construction funds has previously been approved for intersection realignment and turn lane construction. Scope needs to be revised to actuated "Prepare to Stop" sign installation. Reduce funds due to change of scope. File 12-13-207-2	-\$140,000.00
ITEM L SUMMARY	14 PROJECTS	\$284,763.28

August 5, 2021

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

Division 1

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Currituck Co. HS-2001A REGIONAL	49296.1.2, Federal No. 0158080 US 158 at SR 1147 (Indiantown Road). Funds are needed for preliminary engineering.	\$115,000.00 Cost \$103,500.00 Fed. \$11,500.00 State

Rural

Currituck Co. R-2576 DIVISION	34470.1.TA1, BRSTP-000S(494) Mid-Currituck Bridge from Coinjock to Corolla. \$32,475,888.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$4,709,000.00 Cost \$3,767,200.00 Fed. \$941,800.00 State
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**NCDOT August 2021 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 2

Urban

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Pitt Co. U-5606 DIVISION	45834.1.1, STP-1598(003) SR 1598 (10 th Street) / SR 1620 (Dickinson Avenue) from NC 11 (Memorial Drive) to SR 1610 (Reade Circle). \$1,339,433.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$1,577,000.00 Cost \$1,261,600.00 Fed. \$315,400.00 State

Bridge

Carteret Co. B-4722B REGIONAL	38496.3.FR1, BRNHS-0070(084) Replace Bridge #33 over North River on US 70. \$16,324,780.00 has previously been approved for construction. Additional funds are needed for construction for bridge replacement.	\$185,000.00 Cost \$148,000.00 Fed. \$37,000.00 State
Pamlico Co. B-5995 DIVISION	48190.1.1, BRZ-1302(083) Replace Bridge #57 over Dawson Creek on SR 1302 (Janiero Road). \$200,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$32,000.00 Cost \$25,600.00 Fed. \$6,400.00 State
Pitt Co. B-5301 REGIONAL	46015.1.1, BRSTP-0033(013) Bridge #87 over the Norfolk Southern Railroad on NC 33. \$1,061,032.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$85,000.00 Cost \$68,000.00 Fed. \$17,000.00 State

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

Division 2 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Beaufort Co. HS-2002D REGIONAL	49300.1.5, Federal No. 0264073 US 264 at SR 1410 (Voa Road). Funds are needed for preliminary engineering.	\$100,000.00 Cost \$90,000.00 Fed. \$10,000.00 State
Lenoir Co. HS-2002C REGIONAL	49300.1.4, Federal No. 0070240 US 70 at SR 1324 (Kennedy Home Road) SR 1519 (Eason Road) and adjacent crossover to the west. Funds are needed for preliminary engineering.	\$35,000.00 Cost \$31,500.00 Fed. \$3,500.00 State

Rural

Pitt Co. R-5782MB DIVISION	44912.3.15, Federal No. 0220100 FY 2022 ADA Ramps (Americans with Disabilities Act) for areas with populations less than 5,000. Funds are needed for construction to install curb ramps and retrofit existing ramps to current standards.	\$273,000.00 Cost \$218,400.00 Fed. \$54,600.00 State
Pitt Co. R-5782MA DIVISION	44912.3.14, Federal No. 0220100 FY 2022 ADA Ramps (Americans with Disabilities Act) for areas with populations greater than 5,000. Funds are needed for construction to install curb ramps and retrofit existing ramps to current standards.	\$185,000.00 Cost \$148,000.00 Fed. \$37,000.00 State

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

Division 3

Urban

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
New Hanover Co. U-5710 STATEWIDE	50115.1.FS1, NHPP-0074(159) US 74 (Eastwood Road) at SR 1409 (Military Cutoff Road). \$2,700,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$1,097,000.00 Cost \$877,600.00 Fed. \$219,400.00 State
Onslow Co. U-4906 DIVISION	40255.1.1, STP-1308(012) SR 1308 (Gum Branch Road) from west of SR 1313 (Mills Fields Road) to east of SR 1324 (Ramsey Road) in Onslow County. \$2.640,333.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$718,000.00 Cost \$574,400.00 Fed. \$143,600.00 State
Bridge		
Brunswick Co. B-5629 DIVISION	45584.1.1, BRZ-1515(011) Replace Bridge #40 over Mills Creek on SR 1515 (Old Mill Creek Road). \$200,002.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$90,000.00 Cost \$72,000.00 Fed. \$18,000.00 State
Brunswick Co. B-5996 DIVISION	48191.1.1, BRZ-1300(019) Replace Bridge #126 over Cawcaw Swamp on SR 1300 (Ash- Little River Road). \$200,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$28,000.00 Cost \$22,400.00 Fed. \$5,600.00 State

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

Division 3 (Continued)

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Duplin Co. B-5632 DIVISION	45587.1.2, BRZ-1828(001) Replace Bridge #187 over Back Swamp on SR 1828 (Cypress Creek Road). \$100,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$134,000.00 Cost \$107,200.00 Fed. \$26,800.00 State
Duplin Co. B-5647 DIVISION	45602.1.2, BRZ-1135(011) Replace Bridge #52 over Rock Fish Creek on SR 1135 (Providence Church Road). \$100,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$186,000.00 Cost \$148,800.00 Fed. \$37,200.00 State
Sampson Co. B-5310 DIVISION	46024.1.2, BRZ-1817(001) Replace Bridge #188 over Ward Swamp on SR 1817 (Bradshaw Road). \$100,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$60,000.00 Cost \$48,000.00 Fed. \$12,000.00 State
Sampson Co. B-6049 DIVISION	48324.1.1, BRZ-1206(011) Replace Bridge #72 over Great Coharie Creek on SR 1206 (Wright Bridge Road). \$100,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$121,000.00 Cost \$96,800.00 Fed. \$24,200.00 State

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

Division 3 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Brunswick Co. W-5601GA STATEWIDE	50138.1.184, HSIP-0017(158) US 17 and SR 1165 (Thomasboro Road) / SR 1304 (Pea Landing Road). \$195,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$21,000.00 Cost \$18,900.00 Fed. \$2,100.00 State
Brunswick Co. W-5703H STATEWIDE	44849.1.8, HSIP-0017(169) US 17 (Ocean Highway) and SR 1303 (Hickman Road) and SW Middleton Avenue and US 17. \$352,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$120,000.00 Cost \$108,000.00 Fed. \$12,000.00 State
Brunswick Co. W-5703Q REGIONAL	44849.1.17, HSIP-0130(012) NC 130 (Whiteville Road) at SR 1321 (Longwood Road) and SR 1330 (Waccamaw School Road). \$5,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$79,000.00 Cost \$71,100.00 Fed. \$7,900.00 State
New Hanover Co. W-5703R REGIONAL	44849.1.18, HISP-0132(013) NC 1432 (South College Road) and Bragg Drive. \$112,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$20,000.00 Cost \$18,000.00 Fed. \$2,000.00 State

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

Division 3 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Onslow Co. W-5203U REGIONAL	45333.1.FR21, HSIP-0053(015) NC 53 (Western Boulevard) at SR 1336 (Henderson Drive). \$122,500.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$550,000.00 Cost \$495,000.00 Fed. \$55,000.00 State
Onslow Co. W-5703D STATEWIDE	44849.1.4, HSIP-0024(084) NC 24 (Lejeune Boulevard) at the intersections of SR 1829 (Hunters Trail) and Butler Drive. \$160,400.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$236,000.00 Cost \$212,400.00 Fed. \$23,600.00 State

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

Division 4

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Johnston Co. I-5972 REGIONAL	44989.1.1, NHP-0095(045) I-95 and US 70 Business (East Market Street) exit 95 interchange from Outlet Center Drive to west of Yelverton Grove Road. \$1,400,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$685,000.00 Cost \$548,000.00 Fed. \$137,000.00 State
Johnston Co. I-5974 REGIONAL	44993.1.1, NHP-0095(046) I-95 at US 701 and NC 96. \$2,000,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$763,000.00 Cost \$610,400.00 Fed. \$152,600.00 State
Wayne Co. I-6048 STATEWIDE	47997.3.1, NHPIM-0117(048) US 117 (Future I-795) Wayne County from US 70 to Duplin County Line. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published June 13, 2021.	\$10,450,000.00 Cost \$8,360,000.00 Fed. \$2,090,000.00 State

Bridge

Johnston Co. B-4561 EXEMPT	33772.2.1, BRZ-1525(5) Replace Bridge #147 over Swift Creek on SR 1525 (Cornwallis Road). \$284,000.00 has previously been approved for right of way and utilities. Funds need to be decreased (\$208,620.00). Work associated with this WBS is complete. This WBS will be closed.	(\$208,620.00) Cost (\$166,897.00) Fed. (\$41,723.00) State
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**NCDOT August 2021 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 4 (Continued)

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Johnston Co. B-6001 DIVISION	48196.3.1, BRZ-1153(009) Replace Bridge #68 over Juniper Swamp on SR 1153 (Webb Mill Road). Funds are needed for construction to replace the bridge.	\$1,015,000.00 \$812,000.00 \$203,000.00	Cost Fed. State
Johnston Co. B-6044 STATEWIDE	48330.1.1, NHPB-0095(054) I-95, Replace Bridges #82 and #85 over Black Creek and Bridges #100 and #101 over the Neuse River. \$100,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$837,000.00 \$669,600.00 \$167,400.00	Cost Fed. State

Safety

Johnston Co. W-5704E DIVISION	44850.1.5, HSIP-1700(022) SR 1700 (Covered Bridge Road) between 0.1 mile east of SR 1003 (Buffalo Road) and 0.1 mile west of SR 2685 (Helena Lane). \$350,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$433,000.00 \$389,700.00 \$43,300.00	Cost Fed. State
Johnston Co. W-5704H REGIONAL	44850.1.8, HSIP-0301(044) US 301 / NC 242 (Wall Street) at NC 50 / NC 242 (Main Street). \$20,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$150,000.00 \$135,000.00 \$15,000.00	Cost Fed. State

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

Division 4 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Wayne Co. W-5704F REGIONAL	44850.1.6, HSIP-0581(030) NC 581 between SR 1317 (Buck Swamp Road) and SR 1324 (Nor-Am Road). \$62,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$109,000.00 Cost \$98,100.00 Fed. \$10,900.00 State

Rural

Johnston Co. R-5718 DIVISION	50472.1.FD1, NHP-1003(140) SR 1003 (Buffalo Road) from US 70 to SR 1934 (Old Beulah Road). \$500,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$1,358,000.00 Cost \$1,086,400.00 Fed. \$271,600.00 State
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Bicycle and Pedestrian

Nash Co. B-5980 STATEWIDE	47617.1.1, NHP-1522(005) I-95 interchange improvements at SR 1544 (Halifax Road). \$1,612,480.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$125,000.00 Cost \$100,000.00 Fed. \$25,000.00 State
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**NCDOT August 2021 Board of Transportation Agenda
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Division 5

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Wake Co. I-5701 STATEWIDE	50119.1.1, NHPP-0404(156) I-40 / US 64 from I-440 / US 1 / US 64 to SR 1370 (Lake Wheeler Road) in Raleigh. \$750,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$2,134,000.00 Cost \$1,707,200.00 Fed. \$426,800.00 State
Wake Co. I-5703 STATEWIDE	50120.1.1, NHPP-0404(157) Interchange improvements at I-40 and I-440 / US 1 / US 64. \$2,471,877.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$1,400,000.00 Cost \$1,120,000.00 Fed. \$280,000.00 State
Wake Co. I-5708 STATEWIDE	50124.1.FS1, NHPP-0440(020) I-440 / US 1 at SR 2000 (Wake Forest Road) in Raleigh. \$500,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$1,970,000.00 Cost \$1,576,000.00 Fed. \$394,000.00 State

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

Division 5 (Continued)

National Highway

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Wake Co. U-5751 REGIONAL	54033.1.FR1, NHP-0401(267) NC 55 / NC 42 in Fuquay-Varina; US 401 intersection with NC 55 / NC 42 and construction of connector from NC 55 to Judd Parkway. \$700,00.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$3,557,000.00 Cost \$2,845,600.00 Fed. \$711,400.00 State

Congestion Mitigation

Franklin Co. C-5604QA EXEMPT	43714.3.9, CMAQ-0531(008) NC 96 (Main Street) in Youngsville. \$918,568.00 has previously been approved for construction. Additional funds are needed for bicycle and pedestrian improvements.	\$561,073.00 Cost \$448,858.00 Fed. \$112,215.00 Local
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Urban

Durham Co. U-4726HN DIVISION	36268.2.31, STPDA-0505(081) SR 1321 (Hillandale Road) from I-85 to NC 147 (Durham Freeway) in Durham. Funds are needed for full right of way.	\$895,000.00 Cost \$716,000.00 Fed. \$179,000.00 Local
Wake Co. U-5307 STATEWIDE	47027.1.1, NHS-0001(138) US 1 from I-540 to SR 1909 (Purnell Road) / SR 1931 (Harris Road) in Wake Forest. \$8,500,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$2,700,000.00 Cost \$2,160,000.00 Fed. \$540,000.00 State

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

Division 5 (Continued)

Urban

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Wake Co. U-5537 Division	44112.3.1, STPDA-0501(034) SR 1521 (Lake Pine Drive) from north of MacGregor Pines Road to north of Versailles Drive in Apex. \$159,446.00 has previously been approved for construction. Additional funds are needed for construction to widen roadway to three lanes and install pedestrian facilities.	\$1,543,534.00 Cost \$1,234,827.00 Fed. \$308,707.00 Local

Safety

Wake Co. W-5705AG STATEWIDE	44851.3.33, HSIP-0064(204) US 64 off ramp at US 1 and SR 1009 (Tryon Road). Funds are needed for construction to upgrade traffic signal.	\$20,617.00 Cost \$18,555.00 Fed. \$2,062.00 State
Wake Co. W-5705AK STATEWIDE	44851.2.37, Federal No. 2516001 SR 2516 (Hodge Road) at SR 2515 (Old Faison Road) and the I-87 southbound ramps. Funds are needed for full right of way and utilities.	\$55,000.00 Cost \$49,500.00 Fed. \$5,500.00 State
Wake Co. W-5805C DIVISION	48950.3.4, Federal No. 1820009 SR 1820 (Lead Mine Road) at SR 1827 (Lynn Road). Funds are needed for construction to construct pedestrian refuge islands, revise curb and ramps, crosswalks, and pavement markings.	\$132,816.00 Cost \$119,534.00 Fed. \$13,282.00 State
Wake Co. W-5805D REGIONAL	48950.3.5, Federal No. 0042080 NC 42 at Bridge #23 over Middle Creek. Funds are needed for construction to install guardrail.	\$76,774.00 Cost \$69,096.00 Fed. \$7,678.00 State

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Division 6

National Highway

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Cumberland Co. U-2519BA REGIONAL	34817.1.FR7, NHF-0100(024) Fayetteville Outer Loop from south of SR 1003 (Camden Road) to south of SR 1104 (Strickland Bridge Road). \$2,024,693.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$1,668,000.00 Cost \$1,334,400.00 Fed. \$333,600.00 State

Urban

Cumberland Co. U-2519BB REGIONAL	34817.1.FR8, NHF-0100(025) Outer Loop from south of SR 1104 (Strickland Bridge Road) to south of US 401 in Fayetteville. \$2,253,520.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$220,000.00 Cost \$176,000.00 Fed. \$44,000.00 State
Cumberland Co. U-4405B REGIONAL	39049.1.FR3, Federal No. 0401308 US 401 (Raeford Road) from east of Bunce Road to east of Glensford Drive. Funds are needed for preliminary engineering.	\$375,000.00 Cost \$300,000.00 Fed. \$75,000.00 State

Safety

Cumberland Co. HS-2006A DIVISION	49312.1.2, Federal No. 1415005 SR 1415 (Yadkin Road) at US 401 (Skibo Road) at SR 1437 (Sante Fe Drive) and at Southwick Drive. Funds are needed for preliminary engineering.	\$30,000.00 Cost \$27,000.00 Fed. \$3,000.00 State
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**NCDOT August 2021 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 6 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Cumberland Co. W-5806C DIVISION	48951.2.4, Federal No. 1615003 SR 1615 (Rosehill Road) at Tamarack Drive and at Landau Road in Fayetteville. Funds are needed for full right of way.	\$15,000.00 \$13,500.00 \$1,500.00	Cost Fed. State
Cumberland Co. W-5806C DIVISION	48951.2.7, Federal No. 1615003 SR 1615 (Rosehill Road) at Tamarack Drive and at Landau Road in Fayetteville. Funds are needed for utilities.	\$75,000.00 \$67,500.00 \$7,500.00	Cost Fed. State
Robeson Co. W-5706H REGIONAL	44852.3.8, HSIP-0301(043) US 301 at SR 1723 (Parkton Tobermory Road). Funds are needed for construction for a roundabout.	\$1,550,000.00 \$1,395,000.00 \$155,000.00	Cost Fed. State

**NCDOT August 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-5712 STATEWIDE	50126.1.FS1, NHPP-0403(136)208 I-40 / US 421 at the SR 1850 (Sandy Ridge Road) interchange in Greensboro. Construct loop ramps in northeast and southwest quadrants and widen SR 1850 through interchange. \$1,400,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$648,000.00 Cost \$518,400.00 Fed. \$129,600.00 State
Orange Co. I-3306A STATEWIDE	34178.2.GV2, IMS-0404(148)259 I-40 in Orange County from I-85 to the Durham County Line. Funds are needed for right of way. This is a GARVEE BOND project with a principal amount of \$4,000,000.00. Repayment of the bond requires \$343,200.00 of federal funds in FY21 through FY35. State Match funds for the GARVEE portion are \$1,333,333.00 in FY21. This project also includes \$5,391,000.00 of National Highway Performance Program (NHPP) funds (including state match).	\$11,872,333.00 Cost \$9,460,800.00 Fed. \$2,411,533.00 State
Orange Co. I-3306A STATEWIDE	34178.3.GV3, IMS-0404(148)259 I-40 in Orange County from I-85 to the Durham County Line. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published June 13, 2021. This is a GARVEE BOND project with a principal amount of \$51,000,000.00. Repayment of the bond requires \$3,400,000.00 of federal funds in FY21 through FY35. This is a four-year cashflow project. State Match funds for the GARVEE portion are \$1,530,000.00 in FY21, \$5,780,000.00 in FY22, \$6,120,000.00 in FY23 and \$3,570,000.00 in FY24. This project also includes \$103,250,000.00 of National Highway Performance Program (NHPP) funds (including state match) with \$9,292,500 in FY21, \$35,105,000.00 in FY22, \$37,107,000.00 in FY23 and \$21,682,500.00 in FY24.	\$185,887,000.00 Cost \$148,237,000.00 Fed. \$37,650,000.00 State

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

Division 7 (Continued)

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Orange Co. I-3306A STATEWIDE	34178.1.3, IMS-0404(148)259 I-40 in Orange County from I-85 to the Durham County Line. \$2,672,599.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$2,986,000.00 Cost \$2,388,800.00 Fed. \$597,200.00 State
Orange Co. I-3306A STATEWIDE	34178.2.9, IMS-0404(148)259 I-40 in Orange County from I-85 to the Durham County Line. Funds are needed for utilities.	\$1,873,000.00 Cost \$1,498,400.00 Fed. \$374,600.00 State

Urban

Guilford Co. U-5754 REGIONAL	54034.1.1, NHP-0029(065) US 29 / US 70 / US 220 (O'Henry Boulevard) from I-40 / I-85 Business to south of Florida Street in Greensboro. \$1,050,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$93,000.00 Cost \$74,400.00 Fed. \$18,600.00 State
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Bridge

Guilford Co. B-5353 REGIONAL	46067.1.1, BRNHS-0029(056) Replace Bridge #147 over US 311 on US 70 / I-85 Business. \$150,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$564,000.00 Cost \$451,200.00 Fed. \$112,800.00 State
Rockingham Co. B-5721 DIVISION	45677.1.1, BRZ-2177(001) Replace Bridge #124 over Mayo River on SR 2177 (Dan Valley Road) in Madison \$200,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$271,000.00 Cost \$216,800.00 Fed. \$54,200.00 State

**NCDOT August 2021 Board of Transportation Agenda
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Municipal Bridge

Guilford Co. B-5358 DIVISION	46072.3.F1, BRZ-0710(022) Replace Bridge #428 on Model Farm Road over a branch of Richland Creek in High Point. \$488,588.00 has previously been approved for construction. Additional funds are needed for construction for a municipal bridge.	\$257,058.00 Cost \$205,646.00 Fed. \$51,412.00 Local
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**NCDOT August 2021 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 8

Urban

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Moore Co. U-5815 REGIONAL	54054.1.FR1, NHP-0001(148) US 1 (Sandhills Boulevard) from Old US 1 to SR 1112 (Roseland Road) in Aberdeen. \$1,900,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$1,094,000.00 Cost \$875,200.00 Fed. \$218,800.00 State

Safety

Chatham Co. HS-2008C DIVISION	49318.1.4, Federal No. 00SS122 Various Secondary Routes in Chatham, Lee, Hoke, Randolph, and Scotland Counties. Funds are needed for preliminary engineering.	\$1,000.00 Cost \$900.00 Fed. \$100.00 State
Hoke Co. W-5708J DIVISION	44854.3.10, HSIP-1418(006) SR 1418 (Lindsay Road) at SR 1420 (Gillis Hill Road). Funds are needed for construction to install traffic signal.	\$70,000.00 Cost \$63,000.00 Fed. \$7,000.00 State
Randolph Co. W-5708K REGIONAL	44854.3.11, HSIP-0064(202) US 64 (Dixie Drive) at Lowes Foods Driveway and US 64 (Dixie Drive) at Center Point Plaza in Asheboro. Funds are needed for construction to upgrade traffic signals.	\$15,000.00 Cost \$13,500.00 Fed. \$1,500.00 State

Rural

Lee Co. R-3830 DIVISION	38887.1.1, STP-0042(049) NC 42 / SR 1579 (Broadway Road) from US 421 in Sanford to SR 1538 (East Harrington Avenue) in Broadway. \$4,920,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$200,000.00 Cost \$160,000.00 Fed. \$40,000.00 State
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**NCDOT August 2021 Board of Transportation Agenda
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Division 9

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Forsyth Co. B-5770 DIVISION	45726.1.1, BRSTP-0918(098) Replace Bridge #243 over NC 150 in Winston-Salem on Salisbury Ridge Road. \$150,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$626,000.00 Cost \$500,800.00 Fed. \$125,200.00 State

Safety

Forsyth Co. W-5709H DIVISION	44855.3.8, HSIP-4000(001) SR 4000 (University Parkway) at Cherry Street in Winston-Salem. Funds are needed for construction for directional left-overs and left turn offset.	\$510,000.00 Cost \$459,000.00 Fed. \$51,000.00 State
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Rail Program

Stokes Co. R-5768 DIVISION	44670.1.1, STP-0311(035) US 311 (South Main Street) at NC 65 and SR 1928 (Stokesburg Road) and NC 65 at Norfolk Southern Rail Crossing 470180V in Walnut Cove. \$750,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$163,000.00 Cost \$130,400.00 Fed. \$32,600.00 State
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**NCDOT August 2021 Board of Transportation Agenda
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Division 10

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Mecklenburg Co. I-5746B STATEWIDE	52024.3.3, NHPIM-0277(020) I-277 (Brookshire Freeway) from East Stonewall Street to East 10th Street. This project is combined with I-5746A: I-277 (Brookshire Freeway) from I-77 to East Stonewall Street in Charlotte. \$21,180,054.00 has previously been approved for construction. Additional funds are needed for construction to cover overdrafts, payout for final estimate and purchase orders.	\$7,511,700.00 Cost \$6,009,360.00 Fed. \$1,502,340.00 State
Mecklenburg Co. I-5770 STATEWIDE	53012.3.1, NHPIM-0085(037) I-85 from south of SR 1601 (Moore's Chapel Road) to north of SR 5901 (Billy Graham Parkway) in Charlotte. This project is combined with I-5796: I-85 from north of SR 5901 (Billy Graham Parkway) to south of NC 16. \$20,827,520.00 has previously been approved for construction. Additional funds are needed for construction for pavement rehabilitation.	\$1,850,000.00 Cost \$1,480,000.00 Fed. \$370,000.00 State
Urban		
Mecklenburg Co. U-2507A DIVISION	34811.3.FD5, STPDA-5238(5) SR 2467 (Mallard Creek Road) from SR 2480 (Sugar Creek Road) to SR 2665 (Harris Boulevard) in Charlotte. \$40,773,356.00 has previously been approved for construction. Additional funds are needed for construction to cover anticipated over runs, pay the final estimates, and settle outstanding agreements.	\$2,000,000.00 Cost \$1,600,000.00 Fed. \$400,000.00 State
Mecklenburg Co. U-2509 STATEWIDE	38965.1.1, NHS-0074(070) US 74 (Independence Boulevard) from west of Idlewild Road to I-485 (Charlotte Outer Loop) in Charlotte. \$17,389,742.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$1,777,000.00 Cost \$1,421,600.00 Fed. \$355,400.00 State

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Division 10 (Continued)

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Anson Co. B-6048 DIVISION	48322.1.1, BRZ_1812(003) Replace Bridge #39 over Jones Creek on SR 1812 (Diggs Road). \$100,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$110,000.00 Cost \$88,000.00 Fed. \$22,000.00 State
Cabarrus Co. B-5808 REGIONAL	45762.1.1, NHP-0029(062) Replace Bridges #57 and #59 over Irish Buffalo Creek on US 29 / US 601. \$100,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$620,000.00 Cost \$496,000.00 Fed. \$124,000.00 State
Union Co. B-5376 DIVISION	46091.1.FD1, BRZ-1681(003) Replace Bridge #21 over Stewart's Creek on SR 1681 (Old Camden Road). \$200,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$125,000.00 Cost \$100,000.00 Fed. \$25,000.00 State

Safety

Anson Co. Mecklenburg Co. Union Co. HS-2010C REGIONAL	49291.1.3, Federal No. 0218017 NC 218 from US 74 in Anson County to US 601 in Union County and from Mill Grove Road in Union County to I-485 in Mecklenburg County. Funds are needed for preliminary engineering.	\$28,000.00 Cost \$25,200.00 Fed. \$2,800.00 State
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**NCDOT August 2021 Board of Transportation Agenda
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Division 10 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Cabarrus Co.	49291.1.4, Federal No. 0024092	\$73,000.00 Cost
HS-2010D	NC 24 / NC 27 and SR 1120 (Bethel School Road) in Midland.	\$65,700.00 Fed.
REGIONAL	Funds are needed for preliminary engineering.	\$7,300.00 State

Bicycle and Pedestrian

Mecklenburg Co.	46420.2.1, STBGDA-1005(044)	\$960,000.00 Cost
EB-5777	McDowell Creek Tributary Greenway; Construct Greenway from	\$768,000.00 Fed.
DIVISION	Smithville Park to J.V. Washam Elementary. Construct multi-use path along Westmoreland Road to Lake Pines Drive. Funds are needed for right of way.	\$192,000.00 Local
Mecklenburg Co.	47694.2.1, STBGDA-1003(161)	\$99,000.00 Cost
EB-5929	Belk Greenway Connector Project (Phase I) from East	\$69,300.00 Fed.
DIVISION	Stonewall Street at South Davidson Street to South Kings Drive in Charlotte. Funds are needed for full right of way.	\$29,700.00 Local

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Division 11

Urban

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Caldwell Co. U-4700CA REGIONAL	35993.1.10, NHP-0321(037) US 321 at SR 1160 (Mount Herman Road). \$200,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$188,000.00 Cost \$150,400.00 Fed. \$37,600.00 State
Wilkes Co. U-5312 REGIONAL	45446.1.1, NHS-0421(072) US 421 from NC 16 to US 421 Business. \$2,050,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$835,000.00 Cost \$668,000.00 Fed. \$167,000.00 State

Bridge

Surry Co. B-5527 STATEWIDE	55027.1.FS1, BRSTP-0052(049) Replace Bridges #122 and #126 on US 52 over Toms Creek. \$100,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$472,000.00 Cost \$377,600.00 Fed. \$94,400.00 State
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Rural

Watauga Co. R-2566B REGIONAL	37512.1.5, NJP-0105(004) NC 105 from SR 1136 (Clarks Creek Road) in Watauga County to SR 1107 (NC 105 Bypass) in Boone. \$500,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$1,881,000.00 Cost \$1,504,800.00 Fed. \$376,200.00 State
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Division 12

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Gaston Co. I-5719 STATEWIDE	50135.1.FS1, NHPP-0851(121)27 I-85 from US 321 to NC 273 at SR 2200 (Cox Road) interchange. \$2,305,194.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$9,091,000.00 Cost \$7,272,800.00 Fed. \$1,818,200.00 State

Urban

Catawba Co. U-4700A STATEWIDE	35993.1.7, NHP-0321(039) US 321 from US 70 in Hickory to US 321A. Replace Bridge #367 over Catawba River on US 321. \$6,750,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$4,477,000.00 Cost \$3,581,600.00 Fed. \$895,400.00 State
Iredell Co. U-6054 DIVISION	47087.1.1, STBGDA-1003(153) New Connector Route from Brookdale Drive to US 21 in Statesville. \$185,600.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$225,403.00 Cost \$180,322.00 Fed. \$45,081.00 State

Rail Program

Gaston Co. Z-5800LA DIVISION	44806.3.9, Federal No. 0274011 Railway-Highway Grade Crossing Safety project at NC 274 (Broad Street) and Norfolk Southern Crossing 929 585X in Gastonia. Funds are needed for construction to install active warning devices.	\$350,000.00 Cost \$315,000.00 Fed. \$35,000.00 State
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**NCDOT August 2021 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 12 (Continued)

Rural

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Cleveland Co. R-2707D REGIONAL	34497.1.FS6, NHS-0074(164) US 74 Shelby Bypass from east of NC 150 to existing US 74 west of SR 2238 (Long Branch Road). \$6,721,308.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$44,000.00 Cost \$35,200.00 Fed. \$8,800.00 State
Iredell Co. R-2307B REGIONAL	37944.1.FR5, STP-0150(036) NC 150 from SR 1902 (Harvel Road) in Catawba County to I-77 in Iredell County. \$3,451,250.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$2,631,000.00 Cost \$2,104,800.00 Fed. \$526,200.00 State

**NCDOT August 2021 Board of Transportation Agenda
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Division 13

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Buncombe Co. I-2513 STATEWIDE	34165.1.2, NHF-0261(053) I-26 Connector, I-40 to US 19 / US 23 in Asheville. \$29,008,535.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$56,000.00 Cost \$44,800.00 Fed. \$11,200.00 State
Buncombe Co. I-4759 STATEWIDE	39970.1.1, STPIMS-0401(188)42 Install interchange at I-40 and SR 1228 (Liberty Road) / US 19 / US 23 / NC 151 and construct two-lane road from US 19 / US 23 (Smokey Park Highway) / NC 151 (Pisgah Highway) to SR 1224 (Monte Vista Road). \$4,625,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$1,610,000.00 Cost \$1,288,000.00 Fed. \$322,000.00 State

Appalachian

McDowell Co. R-5964 EXEMPT	48925.3.1, Federal No. 1819003 Construct access road to the Universal Technology Center at McDowell Technical Community College in Marion. Funds are needed for construction for a new route. This is an Appalachian Development project.	\$987,112.00 Cost \$987,112.00 Fed.
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Bridge

Burke Co. B-5869 REGIONAL	48063.1.FR1, NHPP-0064(180) Replace Bridge #99 over the Norfolk Southern Railroad on US 64 / US 70 in Morganton. \$470,550.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$379,000.00 Cost \$303,200.00 Fed. \$75,800.00 State
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**NCDOT August 2021 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 13 (Continued)

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
McDowell Co. B-6040 REGIONAL	48389.1.1, NHPB-0070(225) Replace Bridge #127 over Norfolk Southern Railway on US 70. \$100,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$212,000.00 Cost \$169,600.00 Fed. \$42,400.00 State
Rutherford Co. B-6047 DIVISION	48390.1.1, BRZ-2125(003) Replace Bridge #145 over Floyd's Creek on SR 2125 (Harris Henrietta Road). \$100,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$104,000.00 Cost \$83,200.00 Fed. \$20,800.00 State

Bicycle and Pedestrian

Buncombe Co. BL-0005 EXEMPT	49460.1.1, Federal No. 0251040 NC 251 / SR 1781 (Broadway Street) from US 19 / US 23 northbound exit ramp to north of SR 1477 (Riverside Drive). Funds are needed for preliminary engineering.	\$64,000.00 Cost \$51,200.00 Fed. \$12,800.00 State
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**NCDOT August 2021 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 14

Appalachian

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Graham Co. A-0009CA EXEMPT	32572.2.13, Federal No. 0143012 US 129 from 0.2 miles south of SR 1275 (Five Points Road) to NC 143; NC 143 from US 129 to SR 1223 (Beech Creek Road). Funds are needed for full right of way.	\$8,500,000.00 \$8,500,000.00	Cost Fed.
Graham Co. A-0009CB EXEMPT	32572.2.14, Federal No. 0143010 NC 143 from SR 1223 (Beech Creek Road) to 0.5 miles north of Appalachian Trail. Funds are needed for full right of way.	\$3,300,000.00 \$3,300,000.00	Cost Fed.
Graham Co. A-0009CC EXEMPT	32572.2.15, Federal No. 0143011 NC 143 from 0.5 miles north of Appalachian Trail to NC 28; NC 28 from NC 143 to 0.3 miles east of SR 1235 (Gunters Gap Road). Funds are needed for full right of way.	\$2,300,000.00 \$2,300,000.00	Cost Fed.
Swain Co. A-0009 EXEMPT	32572.1.FS10, APD-074(178) Future US 74 Corridor "K" from US 19 / US 74 / US 129 at Andrews to NC 28 east of Almond. \$11,332,621.00 has previously been approved for preliminary engineering. Additional funds are needed as requested. This is an Appalachian Development project.	\$3,424,000.00 \$3,424,000.00	Cost Fed.

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

Division 14 (Continued)

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Haywood Co. B-3186 STATEWIDE	38332.1.FS1, BRNHP-0023(032) Replace Bridges #155 and #158 over Richland Creek on US 23 / US 74 northbound lane. \$380,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$2,191,000.00 Cost \$1,752,800.00 Fed. \$438,200.00 State
Haywood Co. B-5898 STATEWIDE	48030.1.FS1, BRSTP-0019(049) Replace Bridge #168 over US 19 and US 23 on US 23 / US 74. \$100,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$1,241,000.00 Cost \$992,800.00 Fed. \$248,200.00 State
Swain Co. BP-5500DD STATEWIDE	50070.3.FS30, NHPP-0019(48) Bridges #13 and #16 on US 19 / US 74 over Alarka Creek. \$1,100,137.00 has previously been approved for construction. Funds need to be decreased (\$510,531.00). Work associated with this WBS is complete. This WBS will be closed.	(\$510,531.00) Cost (\$408,425.00) Fed. (\$102,106.00) State

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

Division 14 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Haywood Co.	49336.3.4, Federal No. 2014005	\$50,000.00 Cost
HS-2014C	Various Freeway Ramps. Funds are needed for construction to	\$45,000.00 Fed.
STATEWIDE	install long life markers and thermoplastic pavement markings for wrong way ramp arrows.	\$5,000.00 State

Rural

Cherokee Co.	47427.1.1, NHP-0019(058)	\$608,000.00 Cost
R-5861	US 19 / US 129 from the Georgia State Line to US 64 in	\$486,400.00 Fed.
DIVISION	Cherokee County. \$3,233,594.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$121,600.00 State
Henderson Co.	34473.1.3, STP-0191(014)	\$1,254,000.00 Cost
R-2588B	NC 191 from SR 1381 (Mountain Road) to NC 280 south of Mills	\$1,003,200.00 Fed.
REGIONAL	River. \$3,560,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$250,800.00 State
Jackson Co.	45818.1.FR1, STP-0107(013)	\$2,111,000.00 Cost
R-5600	NC 107 (US 23 Business) from NC 116 to US 23 Business and	\$1,688,800.00 Fed.
REGIONAL	US 23 Business from SR 1432 (Skyland Drive) to Municipal Drive. \$2,700,891.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$422,200.00 State

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

Statewide

Planning and Research

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Statewide NO ID EXEMPT	44100.22.5, Federal No. 0SPR325 NCDOT FY 2022 Annual Research Work Program. Research Program Support (LTPP, etc.). Funds are needed for new research contracts and projects.	\$50,000.00 Cost \$40,000.00 Fed. \$10,000.00 State
Statewide NO ID EXEMPT	44100.22.4, Federal No. 0SPR324 NCDOT FY 2022 Annual Research Work Program. AASHTO Technical Services Subscriber. Funds are needed for new research contracts and projects.	\$220,000.00 Cost \$176,000.00 Fed. \$44,000.00 State
Statewide NO ID EXEMPT	44100.22.2, Federal No. 0SPR322 NCDOT FY 2022 Annual Research Work Program. Research Technical Reference/Library Support. Funds are needed for new research contracts and projects.	\$210,000.00 Cost \$168,000.00 Fed. \$42,000.00 State
Statewide NO ID EXEMPT	44100.22.1, Federal No. 0SPR321 NCDOT FY 2022 Annual Research Work Program. Staff Research. Funds are needed for new research contracts and projects.	\$1,000,000.00 Cost \$800,000.00 Fed. \$200,000.00 State
Statewide NO ID EXEMPT	44100.22.3, Federal No. 0SPR323 NCDOT FY 2022 Annual Research Work Program. Research Implementation/Training Support. Funds are needed for new research and projects.	\$275,000.00 Cost \$220,000.00 Fed. \$55,000.00 State
Statewide NO ID EXEMPT	44100.22.6, Federal No. 0SPR326 NCDOT FY 2022 Annual Research Work Program. Contract Research. Funds are needed for new research and projects.	\$5,500,000.00 Cost \$4,400,000.00 Fed. \$1,100,000.00 State

ITEM M SUMMARY - 120 PROJECT(S) - (TOTAL FEDERAL AND STATE) \$322,529,235.00

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

DIVISION 10

* HS-2010C UNION ANSON MECKLENBURG PROJ.CATEGORY REGIONAL	NC 218, US 74 IN ANSON COUNTY TO US 601 IN UNION COUNTY, AND FROM MILL GROVE ROAD IN UNION COUNTY TO I-485 IN MECKLENBURG COUNTY. INSTALL MILLED RUMBLE STRIPS. <u>ADD PROJECT AT THE REQUEST OF THE</u> <u>TRANSPORTATION MOBILITY AND SAFETY DIVISION.</u>	CONSTRUCTION	FY 2022 - <u>\$773,000</u> (HSIP) \$773,000
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* HS-2010D CABARRUS PROJ.CATEGORY REGIONAL	NC 24/27, SR 1120 (BETHEL SCHOOL RD) INTERSECTION. INSTALL A REDUCED CONFLICT INTERSECTION (RCI) WITH UNSIGNALIZED BULBOUTS. <u>ADD PROJECT AT THE REQUEST OF THE</u> <u>TRANSPORTATION MOBILITY AND SAFETY DIVISION.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2023 - \$301,000 (HSIP) FY 2024 - <u>\$392,000</u> (HSIP) \$693,000
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* TC-0024 MECKLENBURG PROJ.CATEGORY PUBLIC TRANS	CITY LYNX GOLD LINE - AMERICAN RESCUE PLAN SMALL STARTS <u>ADD PROJECT AT THE REQUEST OF MPO</u>	CAPITAL	FY 2022 - <u>\$11,122,000</u> (5309) \$11,122,000
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DIVISION 12

* B-6051 GASTON PROJ.CATEGORY REGIONAL	US 29 / US 74, REPLACE BRIDGE 350091 OVER CATAWBA RIVER <u>MODIFY FUNDING FROM STATE BRIDGE PROGRAM</u> <u>FUNDS TO FEDERAL HIGHWAY INFRASTRUCTURE</u> <u>BRIDGE REPLACEMENT FUNDS AND NATIONAL</u> <u>HIGHWAY PERFORMANCE PROGRAM FUNDS.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2022 - \$4,000,000 (HIB) FY 2023 - \$36,169,000 (HIB) FY 2023 - <u>\$4,731,000</u> (NHPB) \$44,900,000
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STATEWIDE

* TM-0036 STATEWIDE PROJ.CATEGORY PUBLIC TRANS	STATEWIDE, 5310 STATE ADMINISTRATIVE FUNDS <u>ADD PROJECT AT THE REQUEST OF THE INTEGRATED</u> <u>MOBILITY DIVISION.</u>	ADMINISTRATIVE	FY 2022 - <u>\$567,000</u> (5310) \$567,000
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* INDICATES FEDERAL AMENDMENT

Thursday, August 5, 2021

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

DIVISION 1

* HS-2001A	US 158, CONSTRUCT A ROUNDABOUT AT US 158 AND	RIGHT-OF-WAY	FY 2022 -	\$20,000	(HSIP)
CURRITUCK	SR 1147 (INDIANTOWN ROAD).	CONSTRUCTION	FY 2023 -	\$450,000	(HSIP)
PROJ.CATEGORY	<u>PROJECT BREAK ADDED AT THE REQUEST OF</u>			\$470,000	
STATEWIDE	<u>TRANSPORTATION MOBILITY AND SAFETY.</u>				

DIVISION 2

* TK-6150	ONSLow UNITED TRANSIT, ADMINISTRATION	ADMINISTRATIVE	FY 2020 -	\$58,000	(S)
JONES	<u>DUE TO THE EXPANSION OF THE JACKSONVILLE</u>		FY 2020 -	\$32,000	(L)
PAMLICO	<u>URBAN AREA MPO (JUMPO) BOUNDARY, PROJECT IS</u>		FY 2020 -	\$127,000	(5311)
ONSLow	<u>NO LONGER WITHIN THE DOWN EAST RPO</u>		FY 2021 -	\$58,000	(S)
PROJ.CATEGORY	<u>BOUNDARY AND IS NOW A JUMPO PROJECT.</u>		FY 2021 -	\$32,000	(L)
PUBLIC TRANS			FY 2021 -	\$127,000	(5311)
			FY 2022 -	\$58,000	(S)
			FY 2022 -	\$32,000	(L)
			FY 2022 -	\$127,000	(5311)
			FY 2023 -	\$58,000	(S)
			FY 2023 -	\$32,000	(L)
			FY 2023 -	\$127,000	(5311)
				\$868,000	

DIVISION 3

* B-5944	SR 1509 (QUEENS CREEK ROAD), REPLACE BRIDGE	RIGHT-OF-WAY	FY 2024 -	\$500,000	(T)
ONSLow	660077 OVER QUEEN'S CREEK.	CONSTRUCTION	FY 2025 -	\$5,050,000	(T)
PROJ.CATEGORY	<u>DUE TO THE EXPANSION OF THE JACKSONVILLE</u>		FY 2026 -	\$5,050,000	(T)
DIVISION	<u>URBAN AREA MPO (JUMPO) BOUNDARY, PROJECT IS</u>			\$10,600,000	
	<u>NO LONGER WITHIN THE DOWN EAST RPO</u>				
	<u>BOUNDARY AND IS NOW A JUMPO PROJECT.</u>				
* R-5783	VARIOUS, DIVISION 3 PROGRAM TO UPGRADE	CONSTRUCTION	FY 2020 -	\$100,000	(S)
BRUNSWICK	INTERSECTIONS TO COMPLY WITH THE AMERICANS		FY 2020 -	\$400,000	(TA)
NEW HANOVER	WITH DISABILITIES ACT (ADA) USING		FY 2021 -	\$200,000	(S)
ONSLow	TRANSPORTATION ALTERNATIVES (TA) FUNDS.		FY 2021 -	\$800,000	(TA)
PENDER	<u>DUE TO THE EXPANSION OF THE JACKSONVILLE</u>		FY 2022 -	\$200,000	(S)
DUPLIN	<u>URBAN AREA MPO (JUMPO) BOUNDARY, PROJECT IS</u>		FY 2022 -	\$800,000	(TA)
SAMPSON	<u>NO LONGER WITHIN THE DOWN EAST RPO</u>			\$2,500,000	
PROJ.CATEGORY	<u>BOUNDARY AND IS NOW A JUMPO PROJECT.</u>				
DIVISION					

* INDICATES FEDERAL AMENDMENT

Thursday, August 5, 2021

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

DIVISION 3

* R-5885	NC 24 (WEST CORBETT AVENUE), BELGRADE-	RIGHT-OF-WAY	FY 2027 -	\$7,651,000	(NHP)
ONSLOW	SWANSBORO ROAD TO FRONT STREET. CONSTRUCT		FY 2028 -	\$7,651,000	(NHP)
PROJ.CATEGORY	SUPERSTREET.	UTILITIES	FY 2027 -	\$801,000	(NHP)
REGIONAL	<u>DUE TO THE EXPANSION OF THE JACKSONVILLE</u>	CONSTRUCTION	POST YR-	\$28,700,000	(NHP)
	<u>URBAN AREA MPO (JUMPO) BOUNDARY, PROJECT IS</u>			\$44,803,000	
	<u>NO LONGER WITHIN THE DOWN EAST RPO</u>				
	<u>BOUNDARY AND IS NOW A JUMPO PROJECT.</u>				
* R-5885A	NC 24 (WEST CORBETT AVENUE), REPLACE CULVERT	RIGHT-OF-WAY	FY 2025 -	\$500,000	(NHP)
ONSLOW	EAST OF WEST SHORE DRIVE.	UTILITIES	FY 2025 -	\$500,000	(NHP)
PROJ.CATEGORY	<u>DUE TO THE EXPANSION OF THE JACKSONVILLE</u>	CONSTRUCTION	FY 2027 -	\$2,500,000	(NHP)
REGIONAL	<u>URBAN AREA MPO (JUMPO) BOUNDARY, PROJECT IS</u>			\$3,500,000	
	<u>NO LONGER WITHIN THE DOWN EAST RPO</u>				
	<u>BOUNDARY AND IS NOW A JUMPO PROJECT.</u>				
* R-5948	SR 1509 (QUEENS CREEK ROAD), JONES ROAD TO SR	RIGHT-OF-WAY	FY 2027 -	\$3,500,000	(T)
ONSLOW	1565 (SMALLWOOD ROAD). WIDEN ROADWAY.	UTILITIES	FY 2027 -	\$500,000	(T)
PROJ.CATEGORY	<u>DUE TO THE EXPANSION OF THE JACKSONVILLE</u>	CONSTRUCTION	POST YR-	\$21,100,000	(T)
DIVISION	<u>URBAN AREA MPO (JUMPO) BOUNDARY, PROJECT IS</u>			\$25,100,000	
	<u>NO LONGER WITHIN THE DOWN EAST RPO</u>				
	<u>BOUNDARY AND IS NOW A JUMPO PROJECT.</u>				
* U-4906	SR 1308 (GUM BRANCH ROAD), WEST OF SR 1313	CONSTRUCTION	FY 2021 -	\$11,500,000	(BGANY)
ONSLOW	(MILLS FIELDS ROAD) TO EAST OF SR 1324 (RAMSEY			\$11,500,000	
PROJ.CATEGORY	ROAD) IN JACKSONVILLE. WIDENING.				
TRANSITION	<u>DUE TO THE EXPANSION OF THE JACKSONVILLE</u>				
	<u>URBAN AREA MPO (JUMPO) BOUNDARY, PROJECT IS</u>				
	<u>NO LONGER WITHIN THE DOWN EAST RPO</u>				
	<u>BOUNDARY AND IS NOW A JUMPO PROJECT.</u>				
U-5732	US 17, US 17 FROM SR 1582 (WASHINGTON ACRES	CONSTRUCTION	FY 2029 -	\$6,275,000	(T)
PENDER	ROAD) TO VISTA LANE. CONVERT TO SUPERSTREET.		FY 2030 -	\$6,275,000	(T)
PROJ.CATEGORY	<u>DESCRIPTION REVISED TO MATCH THE SCOPE OF</u>		FY 2031 -	\$6,275,000	(T)
REGIONAL	<u>THE PROJECT.</u>		FY 2032 -	\$6,275,000	(T)
				\$25,100,000	

* INDICATES FEDERAL AMENDMENT

Thursday, August 5, 2021

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

DIVISION 3

* W-5203	VARIOUS, DIVISION 3 RUMBLE STRIPS, GUARDRAIL,	CONSTRUCTION	FY 2020 -	<u>\$650,000</u>	(HSIP)
BRUNSWICK	SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED			\$650,000	
DUPLIN	LOCATIONS.				
ONSLOW	<u>DUE TO THE EXPANSION OF THE JACKSONVILLE</u>				
PENDER	<u>URBAN AREA MPO (JUMPO) BOUNDARY, PROJECT IS</u>				
NEW HANOVER	<u>NO LONGER WITHIN THE DOWN EAST RPO</u>				
SAMPSON	<u>BOUNDARY AND IS NOW A JUMPO PROJECT.</u>				
PROJ.CATEGORY					

* W-5703DIV	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	CONSTRUCTION	FY 2020 -	<u>\$15,000</u>	(HSIP)
SAMPSON	LOCATIONS.			\$15,000	
ONSLOW	<u>DUE TO THE EXPANSION OF THE JACKSONVILLE</u>				
DUPLIN	<u>URBAN AREA MPO (JUMPO) BOUNDARY, PROJECT IS</u>				
NEW HANOVER	<u>NO LONGER WITHIN THE DOWN EAST RPO</u>				
PENDER	<u>BOUNDARY AND IS NOW A JUMPO PROJECT.</u>				
BRUNSWICK					
PROJ.CATEGORY					
DIVISION					

* W-5703REG	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	CONSTRUCTION	FY 2020 -	<u>\$15,000</u>	(HSIP)
NEW HANOVER	LOCATIONS.			\$15,000	
BRUNSWICK	<u>DUE TO THE EXPANSION OF THE JACKSONVILLE</u>				
SAMPSON	<u>URBAN AREA MPO (JUMPO) BOUNDARY, PROJECT IS</u>				
DUPLIN	<u>NO LONGER WITHIN THE DOWN EAST RPO</u>				
ONSLOW	<u>BOUNDARY AND IS NOW A JUMPO PROJECT.</u>				
PENDER					
PROJ.CATEGORY					
REGIONAL					

* INDICATES FEDERAL AMENDMENT

Thursday, August 5, 2021

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

DIVISION 3

<p>* W-5703SW BRUNSWICK PENDER ONslow NEW HANOVER SAMPSON DUPLIN PROJ.CATEGORY STATEWIDE</p>	<p>VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS. <u>DUE TO THE EXPANSION OF THE JACKSONVILLE URBAN AREA MPO (JUMPO) BOUNDARY, PROJECT IS NO LONGER WITHIN THE DOWN EAST RPO BOUNDARY AND IS NOW A JUMPO PROJECT.</u></p>	<p>CONSTRUCTION</p>	<p>FY 2020 - <u>\$20,000</u> (HSIP) \$20,000</p>
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<p>* W-5803B PENDER ONslow PROJ.CATEGORY REGIONAL</p>	<p>US 17, US 17 BETWEEN NEW HANOVER / PENDER COUNTY LINE AND MILE POST 19.3 IN ONslow COUNTY. INSTALL SHOULDER RUMBLE STRIPS. <u>DUE TO THE EXPANSION OF THE JACKSONVILLE URBAN AREA MPO (JUMPO) BOUNDARY, PROJECT IS NO LONGER WITHIN THE DOWN EAST RPO BOUNDARY AND IS NOW A JUMPO PROJECT.</u></p>	<p>CONSTRUCTION</p>	<p>FY 2022 - <u>\$425,000</u> (HSIP) \$425,000</p>
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<p>* W-5803D ONslow PROJ.CATEGORY STATEWIDE</p>	<p>NC 24, NC 24 (WEST CORBETT AVENUE) AND SR 1512 (OLD HAMMOCKS ROAD). UPGRADE PEDESTRIAN SIGNALS. <u>DUE TO THE EXPANSION OF THE JACKSONVILLE URBAN AREA MPO (JUMPO) BOUNDARY, PROJECT IS NO LONGER WITHIN THE DOWN EAST RPO BOUNDARY AND IS NOW A JUMPO PROJECT.</u></p>	<p>CONSTRUCTION</p>	<p>FY 2022 - <u>\$17,000</u> (HSIP) \$17,000</p>
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DIVISION 4

<p>* HS-2004B NASH PROJ.CATEGORY REGIONAL</p>	<p>NC 97, INSTALL LEFT TURN LANE AT NC 97 AND SR 1603 (OLD CARRIAGE ROAD). <u>PROJECT BREAK ADDED AT THE REQUEST OF TRANSPORTATION MOBILITY AND SAFETY.</u></p>	<p>RIGHT-OF-WAY CONSTRUCTION</p>	<p>FY 2021 - \$86,000 (HSIP) FY 2021 - <u>\$145,000</u> (HSIP) \$231,000</p>
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<p>* HS-2004C WAYNE PROJ.CATEGORY DIVISION</p>	<p>SR 1537 (AIRPORT ROAD), INSTALL ALL WAY STOP AT SR 1537 (AIRPORT ROAD) AND SR 1545 (MT. CARMEL CHURCH ROAD). <u>PROJECT BREAK ADDED AT THE REQUEST OF TRANSPORTATION MOBILITY AND SAFETY.</u></p>	<p>CONSTRUCTION</p>	<p>FY 2022 - <u>\$25,000</u> (HSIP) \$25,000</p>
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* INDICATES FEDERAL AMENDMENT

Thursday, August 5, 2021

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

DIVISION 4

* HS-2004D WAYNE PROJ.CATEGORY DIVISION	SR 1002 (PIKEVILLE-PRINCETON ROAD), INSTALL ALL WAY STOP WITH ISLAND AT SR 1002 (PIKEVILLE-PRINCETON ROAD) AND SR 1320 (HINNANT ROAD). <u>PROJECT BREAK ADDED AT THE REQUEST OF TRANSPORTATION MOBILITY AND SAFETY.</u>	CONSTRUCTION	FY 2022 - <u>\$25,000</u> \$25,000	(HSIP)
* HS-2004E WAYNE PROJ.CATEGORY REGIONAL	NC 111, INSTALL ALL WAY STOP UTILIZING EXISTING OVERHEAD FLASHERS AT NC 111 AND SR 1754 (ZION CHURCH ROAD). <u>PROJECT BREAK ADDED AT THE REQUEST OF TRANSPORTATION MOBILITY AND SAFETY.</u>	CONSTRUCTION	FY 2022 - <u>\$48,000</u> \$48,000	(HSIP)
* HS-2004F WILSON PROJ.CATEGORY DIVISION	SR 1103 (WIGGINS MILL ROAD), INSTALL ALL WAY STOP UTILIZING EXISTING OVERHEAD FLASHERS AT SR 1103 (WIGGINS MILL ROAD) AND SR 1169 (RADFORD ROAD). <u>PROJECT BREAK ADDED AT THE REQUEST OF TRANSPORTATION MOBILITY AND SAFETY.</u>	CONSTRUCTION	FY 2022 - <u>\$30,000</u> \$30,000	(HSIP)
* HS-2004G HALIFAX PROJ.CATEGORY REGIONAL	NC 48, INSTALL ALL WAY STOP AND REVISE EXISTING OVERHEAD AND SHOULDER-MOUNTED FLASHERS AT NC 48 AND NC 903. <u>PROJECT BREAK ADDED AT THE REQUEST OF TRANSPORTATION MOBILITY AND SAFETY.</u>	CONSTRUCTION	FY 2022 - <u>\$50,000</u> \$50,000	(HSIP)
* HS-2004H NASH PROJ.CATEGORY DIVISION	SR 1001 (OLD BAILEY HIGHWAY), INSTALL ALL WAY STOP AT SR 1001 (OLD BAILEY HIGHWAY) AND SR 1717 (MACEDONIA ROAD / SANDY CROSS ROAD). <u>PROJECT BREAK ADDED AT THE REQUEST OF TRANSPORTATION MOBILITY AND SAFETY.</u>	CONSTRUCTION	FY 2022 - <u>\$25,000</u> \$25,000	(HSIP)
* HS-2004I WAYNE PROJ.CATEGORY DIVISION	SR 1744 (INDIAN SPRINGS ROAD), INSTALL ALL WAY STOP AT SR 1744 (INDIAN SPRINGS ROAD) AND SR 1941 (NORTHEAST CHURCH ROAD). <u>PROJECT BREAK ADDED AT THE REQUEST OF TRANSPORTATION MOBILITY AND SAFETY.</u>	CONSTRUCTION	FY 2022 - <u>\$28,000</u> \$28,000	(HSIP)

* INDICATES FEDERAL AMENDMENT

Thursday, August 5, 2021

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

DIVISION 4

* HS-2004J JOHNSTON HALIFAX PROJ.CATEGORY DIVISION	VARIOUS, INSTALL LONG LIFE PAVEMENT MARKINGS. <u>PROJECT BREAK ADDED AT THE REQUEST OF</u> <u>TRANSPORTATION MOBILITY AND SAFETY.</u>	CONSTRUCTION	FY 2021 - <u>\$4,336,000</u> \$4,336,000	(HSIP)
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* HS-2004K WAYNE PROJ.CATEGORY STATEWIDE	US 117, INSTALL RUMBLE STRIPS ON US 117 BETWEEN SR 1141 (MAIN STREET) IN MOUNT OLIVE AND US 117 ALTERNATE SOUTH OF GOLDSBORO. <u>PROJECT BREAK ADDED AT THE REQUEST OF</u> <u>TRANSPORTATION MOBILITY AND SAFETY.</u>	CONSTRUCTION	FY 2021 - <u>\$62,000</u> \$62,000	(HSIP)
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DIVISION 5

C-4928 DURHAM PROJ.CATEGORY DIVISION	SR 1317 (MORRENE ROAD), NEAL ROAD TO SR 1320 (ERWIN ROAD) IN DURHAM. CONSTRUCT BIKE LANES AND SIDEWALKS. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u> <u>DESIGN, DELAY RIGHT OF WAY FROM FY 21 TO FY 22</u> <u>AND CONSTRUCTION FROM FY 22 TO FY 23.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2022 - \$2,146,000 (BGANY) FY 2022 - \$302,000 (BGDA) FY 2022 - \$489,000 (L) FY 2023 - \$2,331,000 (CMAQ) FY 2023 - \$3,144,000 (BGDA) FY 2023 - <u>\$1,369,000</u> (L) \$9,781,000
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C-5183B DURHAM PROJ.CATEGORY EXEMPT	SR 1945 (S. ALSTON AVE.), SR 1171 (RIDDLE RD.) TO CAPPS ST. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u> <u>DESIGN, DELAY CONSTRUCTION FROM FY 21 TO FY 22.</u>	CONSTRUCTION	FY 2022 - \$565,000 (CMAQ) FY 2022 - <u>\$141,000</u> (L) \$706,000
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EB-5814 WAKE PROJ.CATEGORY DIVISION	SR 3015 (AIRPORT BOULEVARD), MCCRIMMON PARKWAY TO FACTORY SHOPPES ROAD IN MORRISVILLE. CONSTRUCT SIDEWALK. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u> <u>DESIGN, DELAY CONSTRUCTION FROM FY 22 TO FY 23.</u>	CONSTRUCTION	FY 2023 - \$208,000 (TAANY) FY 2023 - <u>\$52,000</u> (L) \$260,000
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EB-5838 WAKE PROJ.CATEGORY DIVISION	SR 1637 (CHURCH STREET), SR 3014 (MORRISVILLE- CARPENTER ROAD) TO DURHAM COUNTY LINE IN MORRISVILLE. CONSTRUCT SIDEWALKS TO FILL IN GAPS. <u>TO REFLECT CURRENT CITY DELIVERY SCHEDULE,</u> <u>DELAY CONSTRUCTION FROM FY 22 TO FY 23.</u>	CONSTRUCTION	FY 2023 - \$1,360,000 (TAANY) FY 2023 - <u>\$340,000</u> (L) \$1,700,000
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* INDICATES FEDERAL AMENDMENT

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**REVISIONS TO THE 2020-2029 STIP
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DIVISION 5

EB-6049 WAKE PROJ.CATEGORY DIVISION	AVENT FERRY ROAD, COTTEN LANE TO WEST BALLANTINE STREET AND CONNECTING FROM THE SOUTH / EAST SIDE OF AVENT FERRY ROAD TO STINSON AVENUE VIA PINE AVENUE IN HOLLY SPRINGS. CONSTRUCT SIDEWALK EXTENSIONS. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY CONSTRUCTION FROM FY 21 TO FY 22.</u>	CONSTRUCTION	FY 2022 - \$1,000,000 (BGDA) FY 2022 - \$250,000 (L) \$1,250,000
I-5997 WAKE PROJ.CATEGORY STATEWIDE	I-440 / US 1, SR 1728 (WADE AVENUE) TO SR 2000 (WAKE FOREST ROAD) IN RALEIGH. PAVEMENT REHABILITATION. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY CONSTRUCTION FROM FY 21 TO FY 22.</u>	CONSTRUCTION	FY 2022 - \$23,100,000 (NHPIM) \$23,100,000
I-5999 WAKE PROJ.CATEGORY STATEWIDE	I-540, US 70 (GLENWOOD AVENUE) TO US 1 IN RALEIGH. PAVEMENT REHABILITATION. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY CONSTRUCTION FROM FY 21 TO FY 22.</u>	CONSTRUCTION	FY 2022 - \$16,700,000 (NHPIM) FY 2023 - \$16,700,000 (NHPIM) \$33,400,000
U-5823 DURHAM PROJ.CATEGORY DIVISION	WOODCROFT PARKWAY EXTENSION, SR 1116 (GARRETT ROAD) TO NC 751 (HOPE VALLEY ROAD) IN DURHAM. CONSTRUCT ROADWAY ON NEW ALIGNMENT. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY RIGHT OF WAY FROM FY 21 TO FY 22.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2022 - \$301,000 (BGANY) FY 2022 - \$75,000 (L) FY 2022 - \$1,295,000 (BGANY) FY 2022 - \$324,000 (L) FY 2025 - \$1,438,000 (BGANY) FY 2025 - \$360,000 (L) \$3,793,000
U-6222 WAKE PROJ.CATEGORY EXEMPT	NC 98, CAMP KANATA RD AND NC 98 IN WAKE FOREST. IMPROVE INTERSECTION, ADD TURN LANES ON NC 98. <u>ACCELERATE CONSTRUCTION FROM FY 22 TO FY 21 AT THE REQUEST OF THE DIVISION AND AS APPROVED BY THE OFFICE OF THE CHIEF ENGINEER.</u>	ENGINEERING CONSTRUCTION	FY 2020 - \$30,000 (S) FY 2020 - \$120,000 (BGDA) FY 2021 - \$210,000 (S) FY 2021 - \$840,000 (BGDA) \$1,200,000
U-6225 WAKE PROJ.CATEGORY DIVISION	SR 2700 (WHITE OAK RD), SR 2709 (ACKERMAN RD), SR 2547 (HEBRON CHURCH RD) AND SR 2700 (WHITE OAK RD) IN GARNER. IMPROVE INTERSECTION AND ADD MULTILANE ROUNDABOUT. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY CONSTRUCTION FROM FY 21 TO FY 22.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2021 - \$56,000 (BGDA) FY 2021 - \$19,000 (L) FY 2022 - \$1,560,000 (BGDA) FY 2022 - \$520,000 (L) \$2,155,000

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DIVISION 5

U-6241 WAKE PROJ.CATEGORY DIVISION	SR 2051 (BURLINGTON MILLS ROAD); US 401 BUSINESS (SOUTH MAIN STREET), SR 2051 (BURLINGTON MILLS ROAD), EAST OF ROLESVILLE MIDDLE SCHOOL TO US 401 BUSINESS (SOUTH MAIN STREET) IN ROLESVILLE. REALIGN ROADWAY AND CONSTRUCT NEW INTERSECTION WITH SOUTH MAIN STREET. US 401 BUSINESS (SOUTH MAIN STREET), SR 2051 (BURLINGTON MILLS ROAD) TO NORTH OF SR 1003 (EAST YOUNG STREET) / SR 1945 (WEST YOUNG STREET) IN ROLESVILLE. CONSTRUCT SIDEWALK EXTENSIONS AND COMPLETE STREET IMPROVEMENTS. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY CONSTRUCTION FROM FY 21 TO FY 22.</u>	CONSTRUCTION	FY 2022 - \$4,838,000 (BGDA) FY 2022 - <u>\$1,210,000</u> (L) \$6,048,000
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U-6242 WAKE PROJ.CATEGORY DIVISION	SR 2015 (DIXIE FOREST ROAD) / SR 3555 (OLD WAKE FOREST ROAD), SR 2015 / SR 2041 (SPRING FOREST ROAD) TO US 1 (CAPITAL BOULEVARD) IN RALEIGH. UPGRADE TO A COMPLETE STREET. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY CONSTRUCTION FROM FY 21 TO FY 22.</u>	CONSTRUCTION	FY 2022 - \$11,158,000 (BGDA) FY 2022 - <u>\$2,790,000</u> (L) \$13,948,000
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W-5805F FRANKLIN WAKE WARREN PROJ.CATEGORY DIVISION	VARIOUS, INSTALL LONG-LIFE PAVEMENT MARKINGS <u>ACCELERATE CONSTRUCTION FROM FY 23 TO FY 21 AT THE REQUEST OF THE DIVISION AND AS APPROVED BY THE OFFICE OF THE CHIEF ENGINEER.</u>	CONSTRUCTION	FY 2021 - <u>\$2,550,000</u> (HSIP) \$2,550,000
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DIVISION 6

I-5987AA ROBESON PROJ.CATEGORY REGIONAL	I-95, CONSTRUCT WEIGH-IN-MOTION STATION. <u>TO ALLOW ADDITIONAL TIME FOR THE CONSTRUCTION OF I-5987A, DELAY CONSTRUCTION FROM FY 23 TO FY 25.</u>	CONSTRUCTION	FY 2025 - <u>\$2,400,000</u> (T) \$2,400,000
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* INDICATES FEDERAL AMENDMENT

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**REVISIONS TO THE 2020-2029 STIP
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DIVISION 7

* TO-6139	GREENSBORO TRANSIT AUTHORITY, SECTION 5310	OPERATIONS	FY 2021 -	\$35,000	(L)
GUILFORD	OPERATING		FY 2021 -	\$35,000	(5310)
PROJ.CATEGORY	<u>MODIFY FEDERAL FUNDS RECEIVED FROM FTA AT</u>		FY 2022 -	\$35,000	(L)
PUBLIC TRANS	<u>THE REQUEST OF MPO.</u>		FY 2022 -	\$35,000	(5310)
			FY 2023 -	\$35,000	(L)
			FY 2023 -	\$35,000	(5310)
			FY 2024 -	\$35,000	(L)
			FY 2024 -	\$35,000	(5310)
			FY 2025 -	\$35,000	(L)
			FY 2025 -	\$35,000	(5310)
			FY 2026 -	\$35,000	(L)
			FY 2026 -	\$35,000	(5310)
			FY 2027 -	\$51,000	(L)
			FY 2027 -	\$51,000	(5310)
				\$522,000	
* TQ-6783	GREENSBORO TRANSIT AUTHORITY, SECTION 5310	CAPITAL	FY 2021 -	\$54,000	(L)
GUILFORD	CAPITAL PROJECT		FY 2021 -	\$215,000	(5310)
PROJ.CATEGORY	<u>MODIFY FEDERAL FUNDS RECEIVED FROM FTA AT</u>		FY 2022 -	\$54,000	(L)
PUBLIC TRANS	<u>THE REQUEST OF MPO.</u>		FY 2022 -	\$215,000	(5310)
			FY 2023 -	\$54,000	(L)
			FY 2023 -	\$215,000	(5310)
			FY 2024 -	\$54,000	(L)
			FY 2024 -	\$215,000	(5310)
			FY 2025 -	\$54,000	(L)
			FY 2025 -	\$215,000	(5310)
			FY 2026 -	\$54,000	(L)
			FY 2026 -	\$215,000	(5310)
				\$1,614,000	
* TQ-7000	GREENSBORO TRANSIT AUTHORITY, SECTION 5310	ADMINISTRATIVE	FY 2021 -	\$28,000	(5310)
GUILFORD	PROGRAM ADMINISTRATION		FY 2022 -	\$28,000	(5310)
PROJ.CATEGORY	<u>MODIFY FEDERAL FUNDS RECEIVED FROM FTA AT</u>		FY 2023 -	\$28,000	(5310)
PUBLIC TRANS	<u>THE REQUEST OF MPO.</u>		FY 2024 -	\$28,000	(5310)
			FY 2025 -	\$28,000	(5310)
			FY 2026 -	\$28,000	(5310)
				\$168,000	
U-6014	SR 1716 (GRAHAM- HOPEDALE ROAD), SR 1720 (WEST	RIGHT-OF-WAY	FY 2023 -	\$4,700,000	(T)
ALAMANCE	HANOVER ROAD) TO MORNINGSIDE DRIVE IN	UTILITIES	FY 2023 -	\$1,200,000	(T)
PROJ.CATEGORY	BURLINGTON. WIDEN TO MULTILANES WITH BICYCLE /	CONSTRUCTION	FY 2024 -	\$4,400,000	(T)
DIVISION	PEDESTRIAN ACCOMMODATIONS.		FY 2025 -	\$4,400,000	(T)
	<u>TO ASSIST IN BALANCING FUNDS, DELAY RIGHT-OF-</u>		FY 2026 -	\$4,400,000	(T)
	<u>WAY FROM FY 22 TO 23.</u>			\$19,100,000	

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**REVISIONS TO THE 2020-2029 STIP
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DIVISION 7

* Y-4807B	LOWDERMILK STREET SYKES AVENUE, PINE STREET	UTILITIES	FY 2021 -	\$500,000	(RR)
GUILFORD	CROSSING CLOSURE AND LOWDERMILK STREET /	CONSTRUCTION	FY 2022 -	\$1,450,000	(RR)
PROJ.CATEGORY	SYKES AVENUE REALIGNMENT IN GREENSBORO.		FY 2022 -	<u>\$1,100,000</u>	(O)
DIVISION	<u>ADD UTILITIES IN FY 21 NOT PREVIOUSLY</u>			\$3,050,000	
	<u>PROGRAMMED AND DELAY CONSTRUCTION FROM FY</u>				
	<u>21 TO FY 22 PER RAIL DIVISION.</u>				

DIVISION 8

EB-5867	SR 1107 (FIELDS DRIVE), SR 1237 (CARTHAGE STREET)	ENGINEERING	FY 2021 -	\$119,000	(TA5200)
LEE	TO US 421 BUSINESS (HORNOR BOULEVARD) IN		FY 2021 -	\$30,000	(L)
PROJ.CATEGORY	SANFORD. CONSTRUCT SIDEWALK.	RIGHT-OF-WAY	FY 2022 -	\$17,000	(TA5200)
DIVISION	<u>TO REFLECT CURRENT TOWN DELIVERY SCHEDULE.</u>		FY 2022 -	\$4,000	(L)
	<u>DELAY RIGHT OF WAY FROM FY 21 TO FY 22 AND</u>	CONSTRUCTION	FY 2023 -	\$595,000	(TA5200)
	<u>CONSTRUCTION FROM FY 22 TO FY 23.</u>		FY 2023 -	<u>\$149,000</u>	(L)
				\$914,000	

R-2527	NC 24 / NC 27, NC 73 TO TROY BYPASS. WIDEN TO	ENGINEERING	FY 2020 -	\$1,040,000	(T)
MONTGOMERY	MULTILANES.		FY 2021 -	\$520,000	(T)
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>		FY 2022 -	\$520,000	(T)
REGIONAL	<u>DESIGN. DELAY CONSTRUCTION FROM FY 23 TO FY 24.</u>		FY 2023 -	\$520,000	(T)
			FY 2024 -	\$520,000	(T)
			FY 2025 -	\$520,000	(T)
			FY 2026 -	\$520,000	(T)
			FY 2027 -	\$520,000	(T)
			FY 2028 -	\$520,000	(T)
			FY 2029 -	\$520,000	(T)
			POST YR-	\$2,082,000	(T)
		BUILD NC ROW	FY 2020 -	\$57,000	(T)
			FY 2021 -	\$57,000	(T)
			FY 2022 -	\$57,000	(T)
			FY 2023 -	\$57,000	(T)
			FY 2024 -	\$57,000	(T)
			FY 2025 -	\$57,000	(T)
			FY 2026 -	\$57,000	(T)
			FY 2027 -	\$57,000	(T)
			FY 2028 -	\$57,000	(T)
			FY 2029 -	\$57,000	(T)
			POST YR-	\$227,000	(T)
		RIGHT-OF-WAY	FY 2021 -	\$4,293,000	(T)
		UTILITIES	FY 2021 -	\$1,600,000	(T)
		CONSTRUCTION	FY 2024 -	\$22,850,000	(T)
			FY 2025 -	\$22,850,000	(T)
			FY 2026 -	\$22,850,000	(T)
			FY 2027 -	<u>\$22,850,000</u>	(T)
				\$105,892,000	

* INDICATES FEDERAL AMENDMENT

**REVISIONS TO THE 2020-2029 STIP
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DIVISION 8

R-3830	NC 42; SR 1579 (BROADWAY ROAD / NORTH MAIN STREET), NC 42, US 421 (HORNER BOULEVARD) IN SANFORD TO SR 1579 (BROADWAY ROAD) AND SR 1579 (BROADWAY ROAD / NORTH MAIN STREET), NC 42 (AVENTS FERRY ROAD) TO SR 1538 (EAST HARRINGTON AVENUE) IN BROADWAY. WIDEN TO MULTILANES.	BUILD NC ROW	FY 2020 -	\$1,364,000	(T)
LEE			FY 2021 -	\$682,000	(T)
PROJ.CATEGORY			FY 2022 -	\$682,000	(T)
DIVISION			FY 2023 -	\$682,000	(T)
			FY 2024 -	\$682,000	(T)
			FY 2025 -	\$682,000	(T)
			FY 2026 -	\$682,000	(T)
			FY 2027 -	\$682,000	(T)
			FY 2028 -	\$682,000	(T)
			FY 2029 -	\$682,000	(T)
			POST YR-	\$2,726,000	(T)
		BUILD NC CON	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)
		CONSTRUCTION	FY 2023 -	\$14,750,000	(T)
			FY 2024 -	\$14,750,000	(T)
				\$52,598,000	
R-5709A	NC 211, US 15 / US 501 IN ABERDEEN TO EAST OF SR 1244 (WEST PALMER STREET) / SR 1311 (MOCKINGBIRD HILL ROAD) IN RAEFORD. CLEARING, GRUBBING, AND EROSION CONTROL.	BUILD NC CON	FY 2022 -	\$429,000	(T)
MOORE			FY 2023 -	\$429,000	(T)
HOKE			FY 2024 -	\$429,000	(T)
PROJ.CATEGORY			FY 2025 -	\$429,000	(T)
REGIONAL			FY 2026 -	\$429,000	(T)
			FY 2027 -	\$429,000	(T)
			FY 2028 -	\$429,000	(T)
			FY 2029 -	\$429,000	(T)
			POST YR-	\$2,145,000	(T)
		CONSTRUCTION	FY 2022 -	\$4,650,000	(T)
			FY 2023 -	\$4,185,000	(T)
			FY 2024 -	\$465,000	(T)
				\$14,877,000	
U-5813	US 64, ASHEBORO BYPASS TO EAST OF I-73 / I-74 / US 220 IN ASHEBORO. WIDEN TO MULTILANES, RECONSTRUCT INTERCHANGE AT NC 49, MODIFY INTERCHANGE AT I-73 / I-74 / US 220 AND REPLACE BRIDGE 750171 OVER US 64 AND NC 49.	RIGHT-OF-WAY	FY 2021 -	\$7,967,000	(NHP)
RANDOLPH			FY 2022 -	\$7,967,000	(NHP)
PROJ.CATEGORY		UTILITIES	FY 2021 -	\$200,000	(NHP)
REGIONAL			FY 2022 -	\$199,000	(NHP)
		CONSTRUCTION	FY 2023 -	\$10,634,000	(NHP)
			FY 2024 -	\$10,633,000	(NHP)
			FY 2025 -	\$10,633,000	(NHP)
				\$48,233,000	

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**REVISIONS TO THE 2020-2029 STIP
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DIVISION 8

W-5808B CHATHAM PROJ.CATEGORY STATEWIDE	US 421, NC 902 INTERSECTION. CONVERT EXISTING SIGNALIZED INTERSECTION TO A SUPERSTREET. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY RIGHT OF WAY FROM FY 21 TO FY 22 AND CONSTRUCTION FROM FY 22 TO FY 23.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2022 - \$100,000 (HSIP) FY 2023 - <u>\$736,000</u> (HSIP) \$836,000
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DIVISION 9

AV-5831 DAVIDSON PROJ.CATEGORY DIVISION	DAVIDSON COUNTY AIRPORT (EXX), UPGRADE AND STRENGTHEN RUNWAY TO ACCOMMODATE LARGER PRIVATE AIRCRAFT. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY CONSTRUCTION FROM FY 21 TO FY 22.</u>	CONSTRUCTION	FY 2022 - \$2,050,000 (T) FY 2023 - <u>\$2,050,000</u> (T) \$4,100,000
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AV-5900 DAVIDSON PROJ.CATEGORY DIVISION	DAVIDSON COUNTY AIRPORT (EXX), UPGRADE TAXIWAY AND APRON. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY CONSTRUCTION FROM FY 21 TO FY 22.</u>	CONSTRUCTION	FY 2022 - \$3,250,000 (T) FY 2023 - <u>\$3,250,000</u> (T) \$6,500,000
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BL-0020 FORSYTH PROJ.CATEGORY DIVISION	DEPOT STREET, US 311 (MAIN STREET) TO SR 1992 (SULLIVANTOWN ROAD) IN WALKERTOWN. CONSTRUCT SIDEWALK. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING, DELAY RIGHT-OF-WAY FROM FY 21 TO FY 22 AND CONSTRUCTION FROM FY 22 TO FY 23.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2022 - \$72,000 (BGDA) FY 2022 - \$18,000 (L) FY 2023 - \$311,000 (BGDA) FY 2023 - <u>\$78,000</u> (L) \$479,000
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EB-5812 FORSYTH PROJ.CATEGORY DIVISION	SALEM CREEK GREENWAY, FORSYTH TECHNICAL COMMUNITY COLLEGE TO EXISTING GREENWAY AT MARKETPLACE MALL IN WINSTON-SALEM. CONSTRUCT GREENWAY. <u>TO ALLOW THE CITY ADDITIONAL TIME FOR COMPLETION OF A FEASIBILITY STUDY, DELAY ENGINEERING FROM FY 20 TO FY 22 AND CONSTRUCTION FROM FY 22 TO FY 23.</u>	ENGINEERING CONSTRUCTION	FY 2022 - \$120,000 (TAANY) FY 2022 - \$30,000 (L) FY 2023 - \$1,200,000 (TAANY) FY 2023 - <u>\$300,000</u> (L) \$1,650,000
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EB-5861 ROWAN PROJ.CATEGORY DIVISION	THIRD STREET GREENWAY, 3RD STREET TO YADKIN RIVER IN SPENCER. CONSTRUCT ALTERNATE ROUTE, INCLUDING SPUR FROM GRANTS CREEK. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY CONSTRUCTION FROM FY 21 TO FY 22.</u>	CONSTRUCTION	FY 2022 - \$3,578,000 (TAANY) FY 2022 - <u>\$894,000</u> (L) \$4,472,000
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* INDICATES FEDERAL AMENDMENT

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DIVISION 9

* EB-5920 FORSYTH PROJ.CATEGORY DIVISION	SR 1122 (JONESTOWN ROAD), SR 3153 (HANES MALL BOULEVARD) TO SR 1001 (COUNTRY CLUB ROAD) IN WINSTON-SALEM. CONSTRUCT SIDEWALK. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY RIGHT-OF-WAY FROM FY 23 TO FY 24 AND CONSTRUCTION FROM FY 24 TO FY 25.</u>	ENGINEERING RIGHT-OF-WAY CONSTRUCTION	FY 2021 - \$40,000 (TAANY) FY 2021 - \$10,000 (L) FY 2024 - \$100,000 (TAANY) FY 2024 - \$25,000 (L) FY 2025 - \$260,000 (TAANY) FY 2025 - \$65,000 (L) \$500,000
* EB-5953 FORSYTH PROJ.CATEGORY DIVISION	SR 4000 (UNIVERSITY PARKWAY), SR-1686 (SHATTALON DRIVE) TO ROBIN WOOD LANE IN WINSTON-SALEM. CONSTRUCT SIDEWALK. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY CONSTRUCTION FROM FY 22 TO FY 24.</u>	CONSTRUCTION	FY 2024 - \$508,000 (BGDA) FY 2024 - \$127,000 (L) \$635,000
EB-5954 FORSYTH PROJ.CATEGORY DIVISION	GRIFFITH ROAD, KIMWELL DRIVE TO BURKE MILL ROAD IN WINSTON-SALEM. CONSTRUCT SIDEWALK. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY RIGHT-OF-WAY FROM FY 21 TO FY 22 AND CONSTRUCTION FROM FY 22 TO FY 23.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2022 - \$34,000 (BGANY) FY 2022 - \$8,000 (L) FY 2023 - \$1,296,000 (BGANY) FY 2023 - \$324,000 (L) \$1,662,000
* EB-5955 FORSYTH PROJ.CATEGORY DIVISION	SR 1348 (ROBINHOOD ROAD), SPEAKS FARM ROAD TO MUDDY CREEK GREENWAY IN WINSTON-SALEM. CONSTRUCT SIDEWALK. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY RIGHT-OF-WAY FROM FY 21 TO FY 22 AND CONSTRUCTION FROM FY 22 TO FY 24.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2022 - \$53,000 (BGANY) FY 2022 - \$13,000 (L) FY 2024 - \$376,000 (BGANY) FY 2024 - \$94,000 (L) \$536,000
EB-5960 FORSYTH PROJ.CATEGORY DIVISION	SR 1101 (HARPER ROAD), CONSTRUCT SIDEWALK AND CROSSWALKS WHERE GAPS EXIST BETWEEN JERRY LONG YMCA ON PEACEHAVEN ROAD TO ROUNDABOUT WEST OF FRANK MORGAN ELEMENTARY SCHOOL IN CLEMMONS. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY CONSTRUCTION FROM FY 22 TO FY 23.</u>	ENGINEERING CONSTRUCTION	FY 2021 - \$100,000 (BGANY) FY 2021 - \$25,000 (L) FY 2023 - \$130,000 (BGANY) FY 2023 - \$771,000 (BGDA) FY 2023 - \$225,000 (L) \$1,251,000

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DIVISION 9

EB-6008 FORSYTH PROJ.CATEGORY DIVISION	US 158 / US 421 (SALEM PARKWAY), LOCKLAND AVENUE TO NC 150 (PETERS CREEK PARKWAY) IN WINSTON-SALEM. CONSTRUCT MULTIUSE PATH. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY RIGHT-OF-WAY FROM FY 21 TO FY 23 AND CONSTRUCTION FROM FY 22 TO FY 23.</u>	ENGINEERING RIGHT-OF-WAY CONSTRUCTION	FY 2020 - FY 2020 - FY 2023 - FY 2023 - FY 2023 - FY 2023 -	\$271,000 \$68,000 \$88,000 \$22,000 \$1,804,000 \$451,000	(TAANY) (L) (TAANY) (L) (TAANY) (L)
				<u>\$2,704,000</u>	
EB-6040 FORSYTH PROJ.CATEGORY DIVISION	SR 1101 (HARPER ROAD), VILLAGE POINT DRIVE TO EAST OF I-40 INTERCHANGE. CONSTRUCT SIDEWALK EXTENSIONS. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY CONSTRUCTION FROM FY 21 TO FY 22.</u>	ENGINEERING CONSTRUCTION	FY 2020 - FY 2020 - FY 2022 - FY 2022 -	\$53,000 \$13,000 \$478,000 \$120,000	(BGDA) (L) (BGDA) (L)
				<u>\$664,000</u>	
HL-0016 FORSYTH PROJ.CATEGORY EXEMPT	US 311 (MAIN STREET), SR 1977 (PINE HALL ROAD) IN WALKERTOWN. REALIGN INTERSECTION AND ADD AUXILLARY TURN LANES. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY RIGHT-OF-WAY FROM FY 21 TO FY 22 AND CONSTRUCTION FROM FY 22 TO FY 23.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2022 - FY 2022 - FY 2023 - FY 2023 -	\$72,000 \$18,000 \$412,000 \$103,000	(BGDA) (L) (BGDA) (L)
				<u>\$605,000</u>	
U-2925C FORSYTH PROJ.CATEGORY DIVISION	NEW ROUTE, SALEM CREEK CONNECTOR, SR 4326 (RAMS DRIVE TO SR 4325 (MARTIN LUTHER KING, JR DRIVE). LANDSCAPING AND LIGHTING. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY CONSTRUCTION FROM FY 22 TO FY 23.</u>	ENGINEERING CONSTRUCTION	FY 2021 - FY 2021 - FY 2023 - FY 2023 -	\$362,000 \$91,000 \$1,086,000 \$272,000	(BGDA) (L) (BGDA) (L)
				<u>\$1,811,000</u>	
U-6154 FORSYTH PROJ.CATEGORY DIVISION	SR 1308 (LEWISVILLE-VIENNA ROAD), SR 1348 (ROBINHOOD ROAD) IN LEWISVILLE. CONVERT EXISTING SIGNALIZED INTERSECTION TO A SINGLE LANE ROUNDABOUT. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING, DELAY RIGHT-OF-WAY FROM FY 21 TO FY 22.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2022 - FY 2022 - FY 2022 - FY 2022 -	\$200,000 \$50,000 \$720,000 \$180,000	(BGANY) (L) (BGDA) (L)
				<u>\$1,150,000</u>	

* INDICATES FEDERAL AMENDMENT

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

DIVISION 10

EB-5931	INDIAN TRAIL, NORTH INDIAN TRAIL ROAD. SOUTH	ENGINEERING	FY 2020 -	\$313,000	(BGDA)
UNION	FORK ROAD TO LIBERTY LANE. CONSTRUCT		FY 2020 -	\$78,000	(L)
PROJ.CATEGORY	COMPLETE STREET. INCLUDES INTERSECTION	RIGHT-OF-WAY	FY 2022 -	\$208,000	(BGDA)
DIVISION	IMPROVEMENTS AT SR 1008 (INDIAN TRAIL ROAD) AND		FY 2022 -	\$52,000	(L)
	SR 1367 (UNIONVILLE-INDIAN TRAIL ROAD (FORMERLY	CONSTRUCTION	FY 2023 -	\$4,719,000	(BGANY)
	U-6250).		FY 2023 -	\$1,903,000	(L)
	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>			\$7,273,000	
	<u>DESIGN. DELAY RIGHT-OF-WAY FROM FY 21 TO FY 22.</u>				

DIVISION 12

* HL-0002	US 70, SR 1358 (4TH STREET DRIVE SW)	RIGHT-OF-WAY	FY 2021 -	\$80,000	(BGDA)
CATAWBA	INTERSECTION IN HICKORY. CONSTRUCT		FY 2021 -	\$20,000	(L)
PROJ.CATEGORY	INTERSECTION IMPROVEMENTS.	CONSTRUCTION	FY 2021 -	\$320,000	(BGDA)
EXEMPT	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>		FY 2021 -	\$80,000	(L)
	<u>DESIGN. DELAY CONSTRUCTION FROM FY 21 TO FY 22.</u>			\$500,000	

STIP DELETIONS**DIVISION 3**

* B-4590	NC 133, REPLACE BRIDGE 640029 OVER SMITH CREEK.	CONSTRUCTION	FY 2021 -	\$4,100,000	(NHPB)
NEW HANOVER	<u>DELETE. WORK TO BE ACCOMPLISHED USING STATE</u>			\$4,100,000	
PROJ.CATEGORY	<u>HIGHWAY FUNDS.</u>				
REGIONAL					

DIVISION 10

* I-5746CA	I-277 (BROOKSHIRE FRWY), INTERIM STRUCTURE	CONSTRUCTION	FY 2021 -	\$500,000	(NHPIM)
MECKLENBURG	IMPROVEMENTS AT GRAHAM STREET AND BREVARD			\$500,000	
PROJ.CATEGORY	STREET.				
STATEWIDE	<u>DELETE PROJECT AT THE REQUEST OF THE</u>				
	<u>DIVISION. WORK TO BE ACCOMPLISHED UNDER I-</u>				
	<u>5746C.</u>				

DIVISION 13

* U-5781	US 25 (MERRIMON AVENUE), INTERSECTION OF US 25	RIGHT-OF-WAY	FY 2029 -	\$180,000	(T)
BUNCOMBE	(MERRIMON AVENUE) AND EDGEWOOD ROAD.	CONSTRUCTION	FY 2031 -	\$850,000	(T)
PROJ.CATEGORY	IMPROVE INTERSECTION.			\$1,030,000	
REGIONAL	<u>DELETE PROJECT AT THE REQUEST OF THE MPO AND</u>				
	<u>THE DIVISION.</u>				

* INDICATES FEDERAL AMENDMENT

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

DIVISION 13

* U-5782	US 25 (MERRIMON AVENUE), INTERSECTION OF US 25	RIGHT-OF-WAY	FY 2029 -	\$45,000	(T)
BUNCOMBE	(MERRIMON AVENUE) AND W. T. WEAVER	CONSTRUCTION	FY 2030 -	<u>\$1,750,000</u>	(T)
PROJ.CATEGORY	BOULEVARD. IMPROVE INTERSECTION.			\$1,795,000	
REGIONAL	<u>DELETE PROJECT AT THE REQUEST OF THE MPO AND THE DIVISION.</u>				

ITEM N SUMMARY

ADDITION	5	PROJECTS	\$58,055,000
MODIFICATION	67	PROJECTS	
DELETION	4	PROJECTS	\$7,425,000
	76	PROJECTS	\$50,630,000

NCDOT August 5, 2021 Board of Transportation Agenda
Municipal and Special Agreements

SUMMARY: There are a total of 44 agreements for approval by the Board of Transportation.

Statewide

North Carolina Department of
Commerce
32227 and 21IM.SW
10946

This Agreement is for Commerce to provide telephone operators to answer NCDOT customer service lines that distribute rail schedules, travel, tourism, traffic conditions, customer service and other information. The Department shall pay for the actual costs of work.

United States Fish and Wildlife
Service
9693

This is a Special Reimbursement Agreement to provide funding for three positions at the US Fish and Wildlife Service over a period of five years. Said positions shall perform work exclusively for NCDOT projects, providing expedited project delivery, technical assistance and review/coordination of NCDOT Projects across the state. The Department shall reimburse the USFWS an estimated cost of \$2,862,005 over the five-year period beginning October 1, 2021.

United States Department of the
Army Wilmington District, Corps of
Engineers, Regulatory Division
9682

This is a Special Reimbursement Agreement for expenditure of funds contributed by the Department to expedite review of NCDOT permits under the jurisdiction of the Department of the Army. The Department and the USACE agree to maintain up to five (5) positions in the Wilmington District, USACE Office. Reimbursement shall be made in five (5) annual installments and shall provide total funding in the amount not to exceed \$6,000,000 over the next five-year period beginning October 1, 2021.

Division 1

North Carolina & Virginia Railroad
(NCVA)
Bertie and Northampton Counties
80000.1.4.113

This Addendum Number 2 to the NCVA Master Rail Freight Assistance Agreement covers construction improvements to the North Carolina & Virginia Railroad (NCVA) railway corridor. The Project includes rehabilitation of the Conway Siding, including a grade crossing upgrade, crosstie upgrades, rail upgrades, ballast, rehabilitation, improvements to Golden Peanut Siding, along with the installation of a turnout. The total estimated cost to the Department is \$373,638.

NCDOT August 5, 2021 Board of Transportation Agenda
Municipal and Special Agreements

Division 1, cont.

Chesapeake and Albemarle Railroad
Company, A Division of North
Carolina & Virginia Railroad
Company, LLC (CA)
Norfolk Southern Railway Company
(NSR)
Pasquotank County
80000.1.4.119

This Addendum Number 2 to the CA Master Rail Freight Assistance Agreement covers rail improvements to the CA railway corridor. The project will construct a transload facility to include 1,400 feet of double ended transload track at CA Milepost 49.5, add a new switch, enhance a grade crossing, and install an under-track conveyor system. CA will be responsible for construction of the project. As a condition of the award of funds, NSR and the Department will enter into a Contingent Interest Agreement and Instrument of Indebtedness (CIA) to secure a lien on the project assets for five (5) years. The cost of this project is \$784,743 and the total estimated cost to the Department is \$392,372.

Divisions 1, 2, 4, 5
Carolina Coastal Railway (CLNA)
Norfolk Southern Railway Company
(NSR)
Beaufort, Greene, Johnston, Martin,
Nash, Pitt, Wake, Washington,
Wilson Counties
80000.1.4.114

This Addendum Number 4 to the CLNA Master Rail Freight Assistance Agreement covers construction improvements to the Carolina Coastal Railway (CLNA) corridor. The project will include bridge modernization, crosstie upgrades and track surfacing. CLNA will be responsible for construction of the project. As a condition of the award of funds, NSR and the Department will enter into a Contingent Interest Agreement and Instrument of Indebtedness (CIA) to secure a lien on the project assets for five (5) years on NSR-owned rail infrastructure, where leased to and operated by CLNA. The total estimated cost to the Department is \$1,097,800.

Division 3

Wilmington Terminal Railroad
(WTRY)
New Hanover County
80000.1.4.111

This Addendum Number 2 to the WTRY Master Rail Freight Assistance Agreement covers the construction improvements to the Wilmington Terminal Railroad (WTRY) railway corridor. Improvements will include track and turnout upgrades, crosstie upgrades, ballast, and surfacing. WTRY will be responsible for construction of the project. The total estimated cost to the Department is \$595,368.

NCDOT August 5, 2021 Board of Transportation Agenda
Municipal and Special Agreements

Division 3, cont.

Town of Carolina Beach
New Hanover County
EB-6039
48928.1.1
48928.3.1
10929

This Project consists of construction of bike lanes along St. Joseph Avenue and Lewes Drive from Lake Park Boulevard to Access Drive in Carolina Beach. The Municipality is responsible for the project. The Department will reimburse 80% of eligible costs up to \$457,777. The Municipality shall provide a 20% non-federal match of \$114,445 and all costs that exceed the total available funding of \$572,222.

City of Wilmington
New Hanover County
U-6234
48930.1.1
48930.3.1
9760

This Project consists of a rehabilitation of a historic structure for transportation needs. This Supplemental Agreement is to increase funding. The Department shall participate in an additional amount not to exceed \$1,160,158 in STBG-DA funding to complete the Project. The Municipality will provide a 20% non-federal match of \$290,039 and all costs that exceed the total available funding of \$3,150,197.

Division 4

City of Rocky Mount
Nash County
4.1064SM
9651

This Project consists of the municipal operations of traffic control devices (Schedule C) in Rocky Mount. The Municipality shall be responsible for operation of the traffic signals on State Highway System Streets within the Municipality. The Department shall reimburse the Municipality for the operation of the traffic signals up to \$172,000 annually from July 1, 2021 through June 30, 2022.

City of Rocky Mount
Nash County
4.1064SM
9652

This Project consists of the municipal operations of computerized traffic signal system (Schedule D) in Rocky Mount. The Municipality shall be responsible for the timing plans, electric traffic signals and other traffic control devices on State Highway System Streets within the Municipality. The Department shall reimburse the Municipality for the operation of the computerized traffic signal system up to \$90,000 annually from July 1, 2021 through June 30, 2022.

NCDOT August 5, 2021 Board of Transportation Agenda
Municipal and Special Agreements

Division 5

City of Raleigh
Wake County
U-5521
55058.1.1
55058.2.1
55058.2.2
10930

This Project consists of extending West Street in Raleigh from the entrance of Raleigh Union Station to West Cabarrus Street with grade separation at North Carolina Railroad/Norfolk Southern "H" Line. The Municipality will be responsible for ROW Acquisition and Utility relocation. The Department will reimburse 70% of available eligible costs up to \$1,670,900. The Municipality shall provide the 30% non-federal match of \$716,100 and all costs that exceed the total available funding of \$2,387,000.

Town of Holly Springs
Wake County
BL-0023
49607.3.1
10931

This Project consists of enhancing pedestrian safety along the Holly Ridge schools campus on Holly Springs Road from Flint Point Lane to Middlecrest Way. The Municipality shall be responsible for all aspects of the project. The Department shall reimburse 50% of eligible costs up to \$557,500. The Municipality will be responsible for providing the 50% non-federal match of \$557,500 and all costs that exceed the total available funding of \$1,115,000.

Town of Fuquay-Varina
Wake County
HL-0027
49612.2.1
49612.2.2
49612.3.1
10900

This Project consists of widening Sunset Lake Road from US 401 To Products Road in the Town of Fuquay-Varina. The Municipality shall be responsible for all aspects of the project. The Department shall reimburse 80% of eligible costs incurred by the Municipality. The Municipality will be responsible for providing the 20% non-federal match of \$328,052 and all costs that exceed the total available funding of \$1,640,259.

Lennar Carolinas, LLC
Durham County
M-0549
49495

This Crossing Improvement Construction Reimbursement Agreement covers the construction of new crossing signal equipment including traffic signal pre-emption at SR 1940 (Glover Road) to accommodate a traffic signal at the nearby intersection of SR 1926 (Angier Avenue) in Durham County. The Department will coordinate the construction with Norfolk Southern. Lennar Carolinas will pay the Department \$900,000 upon execution of the agreement. At project closeout, any unused funds will be released back to Lennar Carolinas.

NCDOT August 5, 2021 Board of Transportation Agenda
Municipal and Special Agreements

Division 5, cont.

Norfolk Southern Railway Company
(NSR)
North Carolina Railroad Company
(NCRR)
Durham County
P-5706
46918

This Agreement covers plan reviews and approval of the grading, track, and structure plans necessary to complete the East Durham Railroad Safety Project on the NC-Line between MP 58.75 and 60.5. NSR will perform reviews and approvals of the plans and prepare signal and aspect charts. The Department will develop engineering plans, specifications, estimates, and calculations necessary to construct the project. The estimated cost to the Department will be \$500,000.

Town of Rolesville
Wake County
U-6241
49183.3.1
49183.3.2
10932

This Project consists of improvements along Main Street from Burlington Mills to Young Street. This Supplemental Agreement is to add the upgrade of ADA curb ramps to the scope of the Project. The estimated cost of the work is \$143,837. The Department will reimburse 80% of the actual costs with TAP funds and the Municipality will provide the 20% match.

Town of Apex
Wake County
U-6241

This Project consists of widening Lake Pine Drive in Apex. This Supplement Agreement provides additional non-FEMA/FHWA Emergency/Electrical funds to replace an aging culvert as part of the Project. The Department will reimburse 100% of culvert replacements costs up to \$200,000. The Municipality shall be responsible for all culvert replacement costs that exceed this funding.

City of Raleigh
Wake Count
U-5530OB
44111.1.16
44111.2.16
44111.3.16
10927

This Project consists of pedestrian and bicycle improvements adjacent to Leesville Road School Complex. This Supplemental Agreement provides additional funding for Project costs. The Department will reimburse an additional \$222,700 and the Municipality will provide the non-federal match of \$55,675, plus an additional contribution of \$167,025, and all costs that exceed the total available funding of \$1,003,500.

Division 6

Aberdeen and Rockfish Railroad
(AR)
Cumberland County
80000.1.4.120

This Addendum Number 3 to the AR Master Rail Freight Assistance Agreement covers the construction of improvements to the Aberdeen and Rockfish Railroad (AR) railway corridor. This project will modernize a bridge. AR will be responsible for construction of the project. The total estimated cost to the Department is \$195,100.

NCDOT August 5, 2021 Board of Transportation Agenda
Municipal and Special Agreements

Division 6, cont.

Town of Angier
Harnett and Wake Counties
R-5705B
46377.3.2
10944

This Project consists of widening NC 55 to multiple lanes, from NC 210 to SR 4809 (Jicarilla Road), in Harnett and Wake Counties. In addition to the project, the Municipality has requested 5' sidewalks with curb and gutter and pedestrian crossings in several areas of the Project. This Project is classified under the Department's Complete Streets Policy in which the Department shall be responsible for all estimated costs of the construction of the pedestrian improvements. The Municipality shall assume responsibility for all maintenance of pedestrian improvements.

City of Dunn
Harnett County
I-5878
47532.3.3
10940

This Project consist of improvements to I-95 interchanges and widening to eight lanes from SR 1793 (Spring Branch Road/Pope Road, exit 32) to US 421 (exit 73). This supplemental Agreement is for additional conduit requested by the Municipality. The Municipality shall pay for the additional work. The estimated cost of the additional work is \$52,975.

R.J. Corman Railroad (RJCS)
Columbus County, NC,
Horry County, SC
80000.1.4.107

This Addendum Number 2 to the RJCS Master Rail Freight Assistance Agreement covers the construction improvements to the R.J. Corman Railroad (RJCS) railway corridor. Improvements will include crosstie upgrades, crossing rehabilitation and upgrades, along with joint elimination on Mullins Subdivision. RJCS will be responsible for construction of the project. The total estimated cost to the Department is \$1,241,961.

Division 7

City of Greensboro
Guilford County
U-5532G
46297.2.7
46297.2.8
46297.3.8
10941

This project consists of constructing sidewalk and ADA compliant ramps on 1) Byers Road – west side from Lees Chapel Road to Byers Ridge Drive; 2) Four Seasons Boulevard – east side from Vanstory Street to Creek Ridge Road; 3) Pear Street – both sides from Ardmore Street to Gate City Blvd; and 4) Summit Avenue – east side from Rankin Road to existing south of Buffalo Creek. The Municipality has requested to add Right of Way and Utility phases and increase the funding of the Project. The Department will participate in an additional amount to not exceed \$979,760 in STBG-DA funds. Municipality shall be responsible for providing the 20% non-federal match (\$244,940) for funds authorized and all costs that exceed the total available funding of \$1,224,7000

NCDOT August 5, 2021 Board of Transportation Agenda
Municipal and Special Agreements

Division 8

Atlantic & Western Railway (ATW)
Lee County
80000.1.4.118

This Addendum Number 2 to the ATW Master Rail Freight Assistance Agreement covers construction improvements to the Atlantic & Western Railway (ATW) corridor. The project will upgrade rail, a turnout (switch), along with new crossties in the Sanford Yard. ATW will be responsible for the construction of the project. The total estimated cost to the Department is \$215,200.

Gulf & Ohio Railways d/b/a
Laurinburg & Southern Railroad
(LRS)
Scotland County
80000.1.4.115

This Addendum Number 2 to the LRS Master Rail Freight Assistance Agreement covers construction improvements to the Gulf & Ohio Railways d/b/a Laurinburg & Southern Railroad (LRS) corridor. The project will upgrade rail and switches, crossing surface, crossties, and switch timbers. LRS will be responsible for the construction of the project. The total estimated cost to the Department is \$499,962.

Division 9

Winston-Salem City County
Utilities
Forsyth County
R-2247EB
34409.3.GV17

This Project consists of construction of the Winston-Salem Northern Beltway Interchange at US 52 (Future I-74) and widening of US 52 near NC 65 (Bethania-Rural Hall Road) to a divided facility. The supplemental agreement is for an increase in additional repair costs incurred by the Municipality for repair work on an existing sewer line. The additional cost is \$56,042.43. The Municipality shall reimburse the Department a total fixed amount of \$99,853.69

Davidson-Davie Community College
and Davidson-Davie Community
College Foundation
Davidson County
R-5737
50195.3.1
10924

This Project consists of converting the at-grade intersection of US 29/US 70 at SR 1798 (Old Greensboro Rd.) to an interchange. In addition to the project, the College and Foundation have requested lighting, bridge rails, sidewalks, retaining wall, and a conduit. The College and Foundation will be responsible for the total estimated cost of the betterments and maintenance of sidewalks. The Department will be responsible for maintenance of the bridge rails and lighting. The College and Foundation shall pay for all betterment costs. The estimated total cost is \$79,200.

NCDOT August 5, 2021 Board of Transportation Agenda
Municipal and Special Agreements

Divisions 9 and 11

Divisions 9, 11
Gulf & Ohio Railways d/b/a Yadkin
Valley Railroad (YVRR)
Norfolk Southern Railway Company
(NSR)
Forsyth, Stokes, Surry, Wilkes
Counties
80000.1.4.116

This Addendum Number 2 to the YVRR Master Rail Freight Assistance Agreement covers construction improvements to the Gulf & Ohio Railways d/b/a Yadkin Valley Railroad (YVRR) railway corridor. The project will include rail and switch upgrades, bridge modernization, crosstie upgrades, and surfacing and ballast. YVRR will be responsible for construction of the project. As a condition of the award of funds, NSR and the Department will enter into a Contingent Interest Agreement and Instrument of Indebtedness (CIA) to secure a lien on the project assets for five (5) years on NSR-owned rail infrastructure, where leased to and operated by YVRR. The total estimated cost to the Department is \$750,000.

Division 10

City of Charlotte
Mecklenburg County
SS-6010F
48988.1.1
48988.2.1
48988.3.1
10921

This Project consists of the design and installation of a traffic signal at the intersection of NC 27 (Mt. Holly Road) and SR 1609 (Rhyne Road/Sonoma Valley Boulevard). The Municipality is responsible for the project. The Department shall participate in the costs of the project up to \$352,000. Costs that exceed this amount shall be borne by the Municipality.

City of Concord
Cabarrus County
10.2013SM
9881

This Project consists of the municipal operations of traffic control devices (Schedule C) in Concord. The Municipality shall be responsible for operation of the traffic signals on State Highway System Streets within the Municipality. The Department shall reimburse the Municipality for the operation of the traffic signals up to \$125,000 annually from July 1, 2021 through June 30, 2022.

City of Concord
Cabarrus County
10.2013SM
9882

This Project consists of the municipal operations of computerized traffic signal system (Schedule D) in Concord. The Municipality shall be responsible for the timing plans, electric traffic signals and other traffic control devices on State Highway System Streets within the Municipality. The Department shall reimburse the Municipality for the operation of the computerized traffic signal system up to \$55,000 annually from July 1, 2021 through June 30, 2022.

NCDOT August 5, 2021 Board of Transportation Agenda
Municipal and Special Agreements

Division 10, cont.

Union County
R-3329
34533.5.TA1
8531

This Design-Build Project consists of improvements on the US 74 Bypass from I-485 (Charlotte Outer Loop) to US 74 (Monroe Bypass). At the request of the County, the Department shall include water and sewer line relocations in its construction contract. The fixed cost to the County is \$895,250.56. This agenda item supersedes the item that was approved by the BOT on April 4, 2019.

Division 12

Alexander Railroad
(ARC)
Alexander County
80000.1.4.109

This Addendum Number 2 to the ARC Master Rail Freight Assistance Agreement covers construction improvements to the Alexander Railroad (ARC) railway corridor. Improvements will include crosstie upgrades, surfacing, and transload expansion with a new track near Alexander Industrial Park in Alexander County. ARC will be responsible for construction of the project. The total estimated cost to the Department is \$175,000.

City of Hickory
Catawba County
HL-0004
49346.1.1
49346.2.1
49346.3.1
10923

The Project consists of the construction of roadway for the 17th Street NW extension between 9th Avenue NW and Clement Boulevard NW. The Municipality is responsible for all phases of the work. The Department will reimburse 80% of eligible costs up to \$4,800,000. The Municipality shall provide the non-federal match and all costs that exceed the total available funding of \$6,000,000.

City of Hickory
Catawba County
HL-0017
49621.1.1
49621.2.1
49621.3.1
10925

The Project consists of the Construction and Realignment of 2nd Avenue SE and extension to 3rd Avenue SE at Lenoir-Rhyne Boulevard. The Municipality is responsible for all phases of the work. The Department will reimburse 80% of eligible costs up to \$2,000,000. The Municipality shall provide the 20% non-federal match and all costs that exceed the total available funding of \$2,500,000.

NCDOT August 5, 2021 Board of Transportation Agenda
Municipal and Special Agreements

Division 12, cont.

Town of Cramerton
Gaston County
C-5704
48815.1.1
48815.2.1
48815.3.1
10936

The Project consists of the construction of a multi-use trail at the South Fork Village in Cramerton to Riverside Drive in McAdenville. The Municipality is responsible for all phases of the work. The Department will reimburse 80% of eligible costs up to \$440,000. The Municipality shall provide the non-federal match and all costs that exceed the total available funding of \$550,000.

Division 13

City of Asheville
Buncombe County
2022CPT.13.01.20111
10913

This Project consists of subgrade repair on SR 3258, SR 3260, and SR 3263 within the Muirfield Subdivision in Buncombe County. The Municipality will perform the work. The Department shall participate in the actual construction costs of the project up to a maximum amount of \$70,060. Costs which exceed that amount shall be borne by the Municipality.

City of Asheville
Buncombe County
2022CPT.13.01.20111
10919

This Project consists of construction of bicycle lanes along SR 3556 (Meadow Road) in Buncombe County, as part of the Department's resurfacing, Contract DM00320-2022. The Municipality will be responsible for maintenance of the bicycle lane improvements upon completion of the project.

City of Asheville
Buncombe County
13B.201114.18
1000011585

This Project consists of construction of sidewalk from the intersection of Lyman Street to Riverview Drive along SR 3556 (Amboy Road) to Bridge No. 321. The Department will perform the work. The Municipality shall participate in the costs of the project in the amount of \$77,750.00. The estimated cost of the project is \$500,050.85.

City of Asheville
Buncombe County
U-5971AA
45959.3.4
10922

The Project consists of drainage improvements at the intersection of US 19 (Patton Avenue) and NC 63 (New Leicester Highway). The Municipality will perform the work. The Department shall participate in the construction costs of the project up to \$90,000. Costs which exceed this amount shall be borne by the Municipality.

NCDOT August 5, 2021 Board of Transportation Agenda
Municipal and Special Agreements

Divisions 13 and 14

Watco Companies, LLC d/b/a Blue
Ridge Southern Railroad
(BLU)
Buncombe, Henderson Counties
80000.1.4.106

This Addendum Number 5 to the BLU Master Rail Freight Assistance Agreement covers construction improvements to eight (8) bridges on the Watco Companies, LLC d/b/a Blue Ridge Southern Railroad (BLU) railway corridor. Improvements will include bridge modernization and upgrade in Skyland Subdivision. BLU will be responsible for construction of the project. The total estimated cost to the Department is \$223,650.

NCDOT August 5, 2021 Board of Transportation Agenda
Municipal and Special Agreements

Division 14

Henderson County
BL-0007
49462.1.1
49462.3.1
10937

The Project consists of the construction of the Ecusta Rail Trail in Henderson County from Kanuga Road in the City of Hendersonville to the Transylvania County line (approximately 11 miles total). The Municipality is responsible for all phases of the work. The Department will reimburse 80% of eligible costs up to \$5,075,219. The Municipality shall provide the 20% non-federal match and all costs that exceed the total available funding of \$6,344,022.

Division 14
Great Smoky Mountains Railroad
(GSM)
Jackson, Swain Counties
80000.1.4.110

This Addendum Number 2 to the GSM Master Rail Freight Assistance Agreement covers construction improvements to the Great Smoky Mountains Railroad (GSM) railway corridor. Improvements will include track upgrades, surfacing, tamping, crosstie upgrades, inspections and geo-testing, raising of track bed to prevent washouts, siding rebuild and upgrade, along with bridge modernization in Murphy Subdivision. GSM will be responsible for construction of the project. The total estimated cost to the Department is \$960,867.

NCDOT August 5, 2021 Board of Transportation Agenda
Municipal and Special Agreements

SUMMARY: There are a total of 32 agreements for informational purposes only.

Statewide

CSX Transportation, Inc.
(CSXT)

The Department and CSXT, on November 4, 2011, entered into a Master Engineering Agreement (MEA) detailing the terms and conditions by which CSXT will proceed with necessary engineering and/or design services for various rail improvements within the State. The MEA stipulated that a request for CSXT to perform design review and/or work for each individual rail improvement project will be identified through a separate written addendum to the MEA. This Supplement #1 to the MEA provides for changes in the process that will permit the use of Letters of Authorization as avenues to initiate projects. Provisions are also added/revised to address changes in personnel and to add statutory requirements.

Carolina Coastal Railway, Co.
(CLNA)

This Agreement is a Master Agreement (MA) which details the terms and conditions by which the Department and CLNA shall perform improvements upon roads and streets located within the operating right of way owned by CLNA. The projects may include, but not be limited to, improvements to railroad at grade crossings, or to roads and streets encroaching into the railroad right of way. Project costs to the Department shall be determined on a project-by-project basis. Due to a change in ownership, this Master Agreement will supersede the previously executed Agreement. There is no cost to the Department for this Agreement.

Division 1

Dare County
10914

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

NCDOT August 5, 2021 Board of Transportation Agenda
Municipal and Special Agreements

Division 1, cont.

Currituck County
10393

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

Division 2

Carteret Health Care
Carteret County
36249.4356
1000011729

This Project consists of modifications to existing traffic Signal No. 02-0704 on SR 1176 (Bridges Street) at Penny Lane to add pedestrian heads to west leg of Bridges Street and install wheelchair ramps to connect to existing sidewalk. The Department will perform the work. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$17,000.

Division 3

City of Wilmington
New Hanover County
36249.4119
1000011663

This Project consists of a signal plan and equipment modifications along SR 1411 (Wrightsville Ave) at SR 2123 (Wilshire Blvd)/Caswell St [SIN 03-0223], Floral Parkway [SIN 03-0318], US 117 / NC 132 (S. College Rd) [SIN 03-0048], and Hawthorne Dr [SIN 03-0607]. The Municipality is responsible for the project. 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 \$20,000.

Centre Pointe, LLC
New Hanover County
U-5710A
50115.3.3
1000011600

This Project consists of construction of Drysdale Drive Extension from US 74 (Eastwood Road) from SR 1409 (Military Cutoff Road) at Drysdale Drive to US 74 (Eastwood Road) in Wilmington. At the request of the Developer, the Department shall incorporate roadway and traffic signal improvements at Centre Point Development in conjunction with Project U-5710A. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$590,488.40.

NCDOT August 5, 2021 Board of Transportation Agenda
Municipal and Special Agreements

Division 3, cont.

Sachi Development Corporation
Brunswick County
R-5021
41582.3.1
1000011713

This Project consists of improvements on NC 211 from SR 1500 (Midway Road) to NC 87. At the request of the Developer, the Department shall include construction of a right turn lane into Abbington Oaks Way in conjunction with Project R-5021. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement 154,000.

Division 5

Town of Morrisville
Wake County
10933

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

Legacy Cary, LLC
Wake County
36249.4354
1000011725

This Project consists of a signal modification which will alter NC-55 at Morrisville Pkwy (SR 3060) by constructing a second eastbound left turn lane. A temporary plan will be developed to maintain the signal operations during construction. The Developer is responsible for the project. 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.

Engquist Development, LLC
Durham County
36249.4353
1000011724

This Project consists of new traffic signal at the intersection of Mineral Springs Road. and Holder Road. in Durham, NC. The Developer is responsible for the project. 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.

Merck, Sharp & Dohme
Durham County
36249.4289
1000011608

This Project consists of the design and installation of a traffic signal on the western side of the T-intersection of Teknika Parkway and Red Mill Road (SR 1632) in Durham County. The Developer is responsible for the project. 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 August 5, 2021 Board of Transportation Agenda
Municipal and Special Agreements

Division 5, cont.

Trustwell Property Group
Wake County
36249.4345
1000011630

This Project consists of the design and installation of a traffic signal at the intersection of New Hill and Green Oaks Parkway, and the widening along eastbound New Hill Road. The Developer is responsible for the project. 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.

Aventon Kit Creek Owner, LLC
Wake County
36249.4347
10000632

This Project Consists of a signal modification including the addition of a second left-turn lane along northbound NC-55. It is expected a new metal pole/mast arm will be needed for the northbound signal heads. 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.

Wendell Glennon
Wake County
36249.4348
1000011642

This Project consists of the installation of new signal at the intersection of Rolesville Rd and US-64 westbound ramp/site driveway. This will be a with a metal pole and will connect to NCDOT's closed loop signal system. 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.

Quality Oil Company, LLC
Durham County
36249.4346
1000011631

This Project consists of the design and installation of a traffic signal across the east leg of NC-54 at Barbee Road. The Developer is responsible for the project. 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.

Division 6

Town of Angier
Harnett County
U-5530 PA
44111.1.17
44111.3.17
10928

This Project consists of the extension of a 5-foot sidewalk west along Highway 210 from Walgreens to Fish Drive and south along Park Street from Hwy 210 to W. Lillington Street in Angier. The Department and Municipality have agreed to extend the completion date of the project to July 15, 2022.

NCDOT August 5, 2021 Board of Transportation Agenda
Municipal and Special Agreements

Division 7

City of Greensboro
Guilford County
U-5532I
46297.2.11
46297.2.14
10942

This Project consists of the construction of sidewalks and ADA compliant curb ramps on 1) Holden Road from Madison Avenue to Friendly Avenue (both sides); 2) Cotswold Avenue from Battleground Avenue to Cotswold Terrace (north side); 3) Greenbriar Road from Church Street to Elm Street (north side); and 4) Swing Road from Market Street to Burnt Popular Road (both sides). The Municipality has requested the addition of sidewalk on 5) Hilltop Road from Fairfax Road to Gate City Boulevard and 6) McConnell Road from Arbor Drive to Beaumont Avenue and the reimbursement of Utility Relocation and Right of way phases.

Division 10

David Weekley Homes -
Charlotte Division
Union County
36249.4342
1000011586

This Project consists of the modification of a traffic signal at the intersection of SR 1315 (New Town Road) and SR 1321 (Cuthbertson 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.

Hendrick Automotive Group
Mecklenburg County
36249.4350
1000011700

This Project consists of the modification of a traffic signal at the intersection of SR 2459 (Eastfield Road) and Bryton Corporate Center 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 \$6,000.

Town of Stallings
Union County
36249.4357
1000011739

This Project consists of the installation of a traffic signal at the intersection of SR 1357 (Potter Road) and SR 1364 (Pleasant Plains 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 \$10,000.

City of Charlotte
Mecklenburg County
U-5768
50181.3.1
1000011595

This Project consists of improvements on NC 49 from John Kirk Drive to I-485. At the request of the Municipality, the Department shall include realignment improvements on Back Creek Church Road (SR 2827) as part of the U-5768 Project. The Municipality has agreed to provide \$12,064,000.00 as advance participation in the project costs. The estimated cost is \$23,239,268.00.

NCDOT August 5, 2021 Board of Transportation Agenda
Municipal and Special Agreements

Division 10, cont.

Town of Mint Hill
Mecklenburg County
36249.4344
1000011610

This Project consists of the fabrication and installation of signs at the roundabout located at the intersection of Lawyers Road (SR 3128) and Bain School Road (SR 1004) in Mint Hill. The Department will design, fabricate and provide the necessary labor for the installation of the signs. The Municipality shall reimburse the Department 100% for the work. The estimated reimbursement is \$15,000.

City of Charlotte
Mecklenburg County
P-5705A

This Easement Agreement from the Department conveys a non-exclusive perpetual easement to the City of Charlotte on, across, or under property owned by the Department. The purpose of this easement is to relocate, use, and maintain the Company utility lines within the Charlotte WYE, a portion of which lies across or under railroad tracks, and other facilities, and for such other purposes as do not interfere with the safe operation or use of railroad operations. This project is located between approximate Milepost (MP) 381.5 to MP R 0.8, in the vicinity of the City of Charlotte.

Division 11

Town of West Jefferson
Ashe County
R-2915D(L)
34518.3.9
10916

This Project consists of landscape enhancement plantings at the intersection of US 221 and US 221 Business/NC 163 in West Jefferson. The Department shall install the landscape plantings and the Municipality will be responsible for maintenance of the landscaping improvements after an 18-month establishment period.

Wilkes County
36249.4358
1000011754

This Project consists of the replacement of eight 'Welcome To' signs on the following routes: NC 16, NC 268, NC 18, NC 115, and US 421. The Department will design, fabricate and provide the necessary labor for the installation of the signs. The County shall reimburse the Department 100% for the work. The estimated reimbursement is \$10,500.

Division 12

D.R. Horton, Inc.
Iredell County
36249.4341
10000011563

This Project consists of the installation of a traffic signal at the intersection of NC 3 (Coddle Creek Highway) and SR 1147 (Rocky River 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.

NCDOT August 5, 2021 Board of Transportation Agenda
Municipal and Special Agreements

Division 12, cont.

Mooresville Graded School
District
Iredell County
36249.4351
1000011704

This Project consists of the installation of a new traffic signal at the intersection of NC 115 (Statesville Highway) and SR 1306 (Rinehardt 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.

Lennar Carolinas, LLC
Catawba County
36249.4276
1000011741

This Project consists of traffic signal modifications and upgrades at NC 150/NC 16 and NC 150/SR 1844 (Slanting Bridge 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.

City of Gastonia
Gaston County
W-5712M
44858.3.13
1000011715

This Project consists of upgrading traffic signals, installing pedestrian crosswalks and pedestrian signals and construction of pedestrian refuge islands at SR 1136 (Myrtle School/Davis Park) and SR 1131 (Linwood Road) intersection. The Department will include construction of curb ramps at the request of the Municipality. The Municipality shall reimburse the Department 100% for the work. The estimated reimbursement is \$26,400.

Division 13

Town of Rutherfordton
Rutherford County
2020CPT.13.06.20811
10934

This Project consists of the installation of bicycle lane markings on SR 1218 (North Washington Street). The Department will perform the work and the Municipality shall be responsible for maintaining the bicycle lane markings and all appurtenances upon completion of the project.

City of Asheville
Buncombe County
36249.4355
1000011718

This Project consists of water line repairs at various locations along US 19/23 (Patton Avenue) in Buncombe County. The Department will perform the work. The Municipality shall reimburse the Department 100% for the work. The estimated reimbursement is \$150,446.23.

NCDOT August 2021 Board of Transportation Agenda

Municipal Street System Changes for Powell Bill Program

Addition to the State Highway System

Division	County	Municipality	Road	Termini	Length
12	Cleveland	Grover	Extend SR 2337; Amesbury Road	From current end of maintenance on SR 2337 (Amesbury Road) to SR 2235 (Bethlehem Church Road)	0.09
	File Name:	CLEVELAND_2021_08_M001			
				Total Miles =	0.09

NCDOT August 2021 Board of Transportation Agenda

Municipal Street System Changes for Powell Bill Program

Deletions from the State Highway System

Division	County	Municipality	Road	Termini	Length
10	Cabarrus	Harrisburg	SR 3048; Raging Ridge Road	From SR 1161 (Stallings Road) to SR 1138 (Hickory Ridge Road)	0.70
	File Name:	CABARRUS_2021_08_M001			
10	Union	Marvin	SR 1485; Laurelwood Lane	From SR 1301 (Waxhaw Marvin Road) to SR 2519 (Sandalwood Drive)	0.78
			SR 1486; Banyan Way	From SR 1485 (Laurelwood Lane) to end of maintenance	0.45
			SR 2519; Sandalwood Drive	From SR 1485 (Laurelwood Lane) to end of maintenance	0.45
			SR 2555; Linden Court	From SR 1485 (Laurelwood Lane) to end of maintenance	0.32
			SR 2541; Beechwood Drive	From SR 1307 (Bonds Grove Church Road) to end of maintenance	0.39
			SR 3126; Ryan Lane	From SR 2541 (Beechwood Drive) to end of maintenance	0.08
			SR 2542; Carson Drive	From SR 2541 (Beechwood Drive) to end of maintenance	0.32
			SR 3198; Berwick Court	From SR 3194 (Firethorne Club Drive) heading south to end of maintenance	0.19
			SR 3198; Berwick Court	From SR 3194 (Firethorne Club Drive) heading north to end of maintenance	0.17

NCDOT August 2021 Board of Transportation Agenda

Municipal Street System Changes for Powell Bill Program

Deletions from the State Highway System - Continued

Division	County	Municipality	Road	Termini	Length
			SR 3196; Seminole Drive	From SR 3194 (Firethorne Club Drive) to South Carolina Line	0.36
			SR 3199; Shinnecock Lane	From SR 3196 (Seminole Drive) to South Carolina Line	0.30
			SR 3194; Firethorne Club Drive	From SR 1312 (Marvin Road) to end of maintenance	0.88
			SR 3638; Medinah Court	From SR 3199 (Shinnecock Lane) to end of maintenance	0.06
			SR 3195; Spyglass Lane	From SR 3194 (Firethorne Club Drive) to SR 3197 (Baltusrol Lane)	0.52
			SR 3637; Honors Court	From SR 3199 (Shinnecock Lane) to end of maintenance	0.08
			SR 3197; Baltusrol Lane	From SR 3199 (Shinnecock Lane) to end of maintenance	0.31
			SR 1479; Heritage Oaks Lane	From SR 1312 (Marvin Road) to end of maintenance	0.31
			SR 2516; Woodland Forest Drive	From SR 1315 (New Town Road) to end of maintenance	0.46
	File Name:	UNION_2021_08_M001			

NCDOT August 2021 Board of Transportation Agenda

Municipal Street System Changes for Powell Bill Program

Deletions from the State Highway System - Continued

Division	County	Municipality	Road	Termini	Length
5	Wake	Wendell	SR 2362; West Academy Street	From US 64 Business (Wendell Boulevard) heading west for 0.36 miles	0.36
	File Name:	WAKE_2021_08_M001			
				Total Miles =	7.49

NCDOT August 2021 Board of Transportation Agenda

<u>No.</u>		<u>Enacted Page No.</u>
1	Preliminary Right of Way Plans	R-1 & R-2
2	Final Right of Way Plans	R-3
3	Conveyance ROW Residue by Real Estate Agent and or Auctioneer	R-4 – R-10
4	Approval of Conveyance of Highway Right of Way Residues	R-11
5	Approval of Conveyance Land for Public Use	R-12

Preliminary Right of Way Plans

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

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

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

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

(Division 2)

Carteret County; I.D. No. R-5858; Project No. 47546.2.1:
NC 24 at NC 58 intersection improvements

(Division 6)

Cumberland County; I.D. No. U-4709; Project No. 39073.2.1:
SR 1112 (Rockfish Road) from SR 1115 (Golfview Road) to NC 59 (Main Street) and SR 1115 (Golfview Road) from SR 1112 (Rockfish Road) to NC 59 (Main Street)

Robeson County; I.D. No. R-5751; Project No. 53087.2.1:
US 74 at NC 72 / NC 130

(Division 10)

Mecklenburg County; I.D. No. EB-5777; Project No. 46420.2.1:
McDowell Creek Tributary Greenway from Smithville Park to J.V. Washam Elementary;
Westmoreland Road to Lake Pines Drive

Mecklenburg County; I.D. No. EB-5929; Project No. 47694.2.1:
Belk Greenway connector project phase one from East Stonewall Street at South Davidson Street to South Kings Drive in Charlotte

Preliminary Right of Way Plans (continued)

(Division 12)

Iredell County; I.D. No. R-5100A; Project No. 41890.2.6:

SR 1109 (Williamson Road) from I-77 to SR 1100 (Brawley School Road)

Gaston County; I.D. No. U-6146; Project No. 48392.2.1:

US 74 (Williamson Boulevard) from Market Street to SR 2015 (Alberta Avenue) (Utilities under 48392.2.2)

(Division 14)

Henderson County; I.D. No. EB-6037B; Project No. 48854.2.2:

Ecusta Trail Brevard Bike Path in Brevard to Kanuga Road in Hendersonville

Graham County; I.D. No. A-0009CA; Project No. 32572.2.13:

US 129 from 0.2 miles south of SR 1275 (Five Points Road) to NC 143; NC 143 from US 129 to SR 1223 (Beech Creek Road)

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

NC 143 from SR 1223 (Beech Creek Road) to 0.5 miles north of Appalachian Trail

Graham County; I.D. No. A-0009CC; Project No. 32572.2.15:

NC 143 from 0.5 miles north of Appalachian Trail to NC 28; NC 28 from NC 143 to 0.3 miles east of SR 1235 (Gunters Gap Road)

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 6)**Project No. 45657.2.1; Cumberland County; I.D. No. B-5703:**

Drainage, grading, paving, and structure on Bridge No. 60 over Lower Little River on US 401 with the right of way indicated upon the final plans for said project.

Project No. 41499.2.3; Columbus County; I.D. No. R-5020B:

Drainage, grading, paving, signals and structure on US 701 Bypass (Madison Street – J K Powell Boulevard) from SR 1437 (Virgil Avenue) to US 74/76 with the right of way indicated upon the final plans for said project.

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

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

(Division 1)

**Project R-2548A, Parcel 040, US-64
Washington County**

Conveyance of an approximate 2.090-acre area comprised of one (1) B-class residue and one (1) C-class residue, having a value of \$750.00 to **Joseph Whitley** for the highest offer amount of **\$750.00**; total commission \$500.

(Division 3)

**Project U-2107D, Parcel 016 & 016A, Jacksonville Bypass
Onslow County**

Conveyance of an approximate 2.940-acre area comprised of two (2) B-class residues, having a value of \$5,000 to **Mohamed Abouelnsar** for the highest offer amount of **\$5,050**; total commission \$505.

(Division 4)

**Project R-2111A, Parcel 025, US-64
Edgecombe County**

Conveyance of an approximate 1.130-acre area comprised of one (1) B-class residue, having a value of \$800 to **Curtis Matteson** for the highest offer amount of **\$1,000**; total commission \$140.

**Project W-5107, Parcel 032, US-70
Johnston County**

Conveyance of an approximate 0.230-acre area comprised of one (1) C-class residue, having a value of \$1,200 to **Bennie & Gail Honeycutt** for the highest offer amount of **\$1,500**; total commission \$165.

(Division 5)

**Project 032SR1317, Parcel 001, Morreene Road
Durham County**

Conveyance of an approximate 0.390-acre area comprised of one (1) B-class residue, having a value of \$2,235 to **Peridot Commercial & Investments LLC** for the highest offer amount of **\$6,079**; no additional commission fees required.

**Project 091185, Parcel 001, I-85
Vance County**

Conveyance of an approximate 0.110-acre area comprised of one (1) C-class residue, having a value of \$750 to **Kevin Brittingham** for the highest offer amount of **\$800**; total commission \$120.

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

Auctioneer (continued)

(Division 5) (continued)

Project U-0085UA, Parcel 016, I-85

Vance County

Conveyance of an approximate 0.300-acre area comprised of one (1) B-class residue, having a value of \$2,500 to **Trinity Holdings of North Carolina, LLC** for the highest offer amount of **\$2,500**; no additional commission fees required.

Project 091SR1295, Parcel 003, Dr. Martin Luther King Jr. Boulevard

Vance County

Conveyance of an approximate 1.113-acre area comprised of one (1) A-class residue, having a value of \$8,000 to **Trinity Holdings of North Carolina, LLC** for the highest offer amount of **\$8,400**; no additional commission fees required.

(Division 6)

Project R-0522A, Parcel 029, Elizabethtown Bypass

Bladen County

Conveyance of an approximate 1.000-acre area comprised of one (1) B-class residue, having a value of \$200 to **R & D Properties** for the highest offer amount of **\$195**; total commission \$228.55.

Project R-0522A, Parcel 026AZ, Elizabethtown Bypass

Bladen County

Conveyance of an approximate 0.900-acre area comprised of one (1) B-class residue, having a value of \$2,000 to **Clark Brothers LLC** for the highest offer amount of **\$2,000**; total commission \$30.

Project U-2912, Parcel 022, Owen Drive Extension

Cumberland County

Conveyance of an approximate 0.040-acre area comprised of one (1) C-class residue, having a value of \$100 to **Tree Farmer LLC** for the highest offer amount of **\$500**; total commission \$195.00.

Project X-0002C, Parcel 025 & 112, Fayetteville Outer Loop

Cumberland County

Conveyance of an approximate 0.170-acre area comprised of two (2) C-class residues, having a value of \$190 to **NYX Group** for the highest offer amount of **\$310**; total commission \$215.90.

Project X-0002C, Parcel 044 & 006, Fayetteville Outer Loop

Cumberland County

Conveyance of an approximate 0.480-acre area comprised of two (2) B-class residues, having a value of \$200 to **Jason Roy Lautenschleger** for the highest offer amount of **\$2,100**; total commission \$19.

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

Auctioneer (continued)

(Division 6) (continued)

Project U-4444B, Parcel 034, NC 210

Cumberland County

Conveyance of an approximate 0.030-acre area comprised of one (1) C-class residue, having a value of \$100 to **Willie Brantley** for the highest offer amount of **\$100**; total commission \$239.

Project U-4444B, Parcel 005, NC 210

Cumberland County

Conveyance of an approximate 0.040-acre area comprised of one (1) C-class residue, having a value of \$100 to **NYX Group** for the highest offer amount of **\$240**; total commission \$26.40.

Project 023SR1003, Parcel 001, Mission Hill Road

Cumberland County

Conveyance of an approximate 9.740-acre area comprised of one (1) A-class residue, having a value of \$92,500 to **Phaneendra Koneru** for the highest offer amount of **\$83,250**; no additional commission fees required.

(Division 7)

Project U-3313, Parcel 059 & 060, Groometown Road

Guilford County

Conveyance of an approximate 1.070-acre area comprised of two (2) A-class residues, having a value of \$63,375 to **BMS Investments LLC** for the highest offer amount of **\$87,000**; total commission \$5,220.

Project R-2413A, Parcel 036A, Future I-73

Guilford County

Conveyance of an approximate 2.080-acre area comprised of one (1) A-class residue, having a value of \$2,500 to **Bobby & Leigh Ann Johnson** for the highest offer amount of **\$3,700**; total commission \$2,000.

Project 041SR1229, Parcel 001, I-85

Guilford County

Conveyance of an approximate 1.200-acre area comprised of one (1) A-class residue, having a value of \$9,000 to **Nguyen Brothers Construction LLC** for the highest offer amount of **\$17,500**; total commission \$2,000.

(Division 8)

Project R-2219B, Parcel 007, US-64

Chatham County

Conveyance of an approximate 1.460-acre area comprised of one (1) B-class residue, having a value of \$5,500 to **Dr. Safwat Nasart** for the highest offer amount of **\$6,510**; no additional commission fees required.

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

Auctioneer (continued)

(Division 8) (continued)

Project R-2417AB, Parcel 004, Sanford Bypass

Lee County

Conveyance of an approximate 4.260-acre area comprised of one (1) B-class residue, having a value of \$4,320 to **Robert Jababalai** for the highest offer amount of **\$7,391**; no additional commission fees required.

Project R-2417BA, Parcel 005, Sanford Bypass

Lee County

Conveyance of an approximate 1.500-acre area comprised of one (1) B-class residue, having a value of \$6,000 to **Daniel Varner** for the highest offer amount of **\$6,500**; no additional commission fees required.

Project R-2417AB, Parcel 014, Sanford Bypass

Lee County

Conveyance of an approximate 1.210-acre area comprised of one (1) B-class residue, having a value of \$2,250 to **Edward Knipple & Jeane Cooke** for the highest offer amount of **\$3,496**; no additional commission fees required.

Project R-0210B, Parcel 057, US-1

Lee County

Conveyance of an approximate 3.680-acre area comprised of one (1) B-class residue, having a value of \$1,838 to **Ramon Rosado** for the highest offer amount of **\$5,964**; no additional commission fees required.

Project R-2417C, Parcel 013, Sanford Bypass

Lee County

Conveyance of an approximate 0.060-acre area comprised of one (1) C-class residue, having a value of \$225 to **Monica A. Price** for the highest offer amount of **\$3,150**; no additional commission fees required.

Project R-2417C, Parcel 028, Sanford Bypass

Lee County

Conveyance of an approximate 1.440-acre area comprised of one (1) B-class residue, having a value of \$6,000 to **Veerendar & Manjula Bokka** for the highest offer amount of **\$6,000**; no additional commission fees required.

Project R-2417BB, Parcel 049, Sanford Bypass

Lee County

Conveyance of an approximate 0.490-acre area comprised of one (1) B-class residue, having a value of \$750 to **Kevin E. Brittingham** for the highest offer amount of **\$1,059**; total commission \$94.10.

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

Auctioneer (continued)

(Division 8) (continued)

Project R-2417BA, Parcel 013, Sanford Bypass

Lee County

Conveyance of an approximate 0.440-acre area comprised of one (1) C-class residue, having a value of \$1,650 to **Prince R Ndey-Bhoyd** for the highest offer amount of **\$1,650**; total commission \$35.

Project I-0022, Parcel 900, I-85

Randolph County

Conveyance of an approximate 0.110-acre area comprised of one (1) C-class residue, having a value of \$250 to **Ambrose Randall Rush** for the highest offer amount of **\$250**; total commission \$175.

(Division 10)

Project B-3421, Parcel 019, Bridge Over Southern RR on SR 1002

Cabarrus County

Conveyance of an approximate 0.180-acre area comprised of one (1) A-class residue, having a value of \$22,750 to **JB Chase Ventures Inc.** for the highest offer amount of **\$21,000**; no additional commission fees required.

Project R-2246, Parcel 903, Concord-Kannapolis Bypass

Cabarrus County

Conveyance of an approximate 0.790-acre area comprised of one (1) B-class residue, having a value of \$25,000 to **Creative Land Solutions** for the highest offer amount of **\$29,999**; no additional commission fees required.

Project R-2533B, Parcel 018, NC-49

Cabarrus County

Conveyance of an approximate 0.910-acre area comprised of one (1) B-class residue, having a value of \$25,000 to **Edwin & Wendy Ozuna** for the highest offer amount of **\$32,000**; no additional commission fees required.

Project 1562NC495, Parcel 001, NC-49 South

Cabarrus County

Conveyance of an approximate 0.069-acre area comprised of one (1) A-class residue, having a value of \$9,500 to **Gethsemane Baptist Church** for the highest offer amount of **\$15,000**; no additional commission fees required.

Project R-0615B, Parcel 084A, NC 24-27

Cabarrus County

Conveyance of an approximate 0.900-acre area comprised of one (1) A-class residue, having a value of \$41,000 to **Tonia B. Moore** for the highest offer amount of **\$42,000**; no additional commission fees required.

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

Auctioneer (continued)

(Division 10) (continued)

Project R-2123AA, Parcel 008, I-485

Mecklenburg County

Conveyance of an approximate 2.520-acre area comprised of one (1) A-class residue, having a value of \$75,000 to **East Best LLC** for the highest offer amount of **\$67,500**; no additional commission fees required.

Project 06I77, Parcel 001, I-77

Mecklenburg County

Conveyance of an approximate 2.700-acre area comprised of one (1) B-class residue, having a value of \$13,500 to **Michael Sullivan** for the highest offer amount of **\$18,200**; no additional commission fees required.

Project R-2248E, Parcel 047, I-485

Mecklenburg County

Conveyance of an approximate 6.110-acre area comprised of one (1) B-class residue, having a value of \$22,000 to **Subrina Collier & Gregory Bayhaven** for the highest offer amount of **\$46,000**; no additional commission fees required.

Project R-2123BA, Parcel 024, I-485

Mecklenburg County

Conveyance of an approximate 10.040-acre area comprised of one (1) B-class residue, having a value of \$52,000 to **CW PMG LLC** for the highest offer amount of **\$65,000**; no additional commission fees required.

Project R-2323BA, Parcel 001, I-485

Mecklenburg County

Conveyance of an approximate 11.660-acre area comprised of one (1) B-class residue, having a value of \$85,000 to **DEVANC LLC** for the highest offer amount of **\$92,400**; no additional commission fees required.

Project R-0967CC, Parcel 108, NC 24-27

Mecklenburg County

Conveyance of an approximate 0.438-acre area comprised of one (1) A-class residue, having a value of \$14,700 to **East Best LLC** for the highest offer amount of **\$15,000**; no additional commission fees required.

Project R-0969CC, Parcel 115B, I-77

Stanley County

Conveyance of an approximate 0.590-acre area comprised of two (2) A-class residues, having a value of \$25,000 to **East Best LLC** for the highest offer amount of **\$25,000**; no additional commission fees required.

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

Auctioneer (continued)

(Division 12) (continued)

Project U-2523A, Parcel 121, NC-279

Gaston County

Conveyance of an approximate 0.550-acre area comprised of one (1) A-class residue having a value of \$7,500 to **Jabar James** for the highest offer amount of **\$16,000**; total commission \$1,000.

(Division 13)

Project U-0401, Parcel 011A & 014, Elk Mountain Road

Buncombe County

Conveyance of an approximate 0.100-acre area comprised of one (2) C-class residues having a value of \$600 to **Sanchez & Christina Vazquez** for the highest offer amount of **\$600**; total commission \$2,000.

Project 011NC1231, Parcel 001, Courtland Avenue

Buncombe County

Conveyance of an approximate 0.140-acre area comprised of one (1) A-class residue having a value of \$67,000 to **Christine Martens** for the highest offer amount of **\$121,059**; total commission \$7,263.54.

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 9)

**Project 34839.2.5, U-2579B Parcel 991; Winston Salem Northern Beltway
Forsyth County**

Conveyance of an approximate 0.470-acre area comprised of one (1) A-class residue, having a value of **\$14,875.00** to **Bryan & Suzanne Tabor Revocable Trust** for the highest offer amount of **\$15,007.33**.

Approval of Conveyance Land for Public Use

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

(Division 3)**Project R-2633A, Parcel 016, 016A , 035, 045, 045A, 035 US 17 Wilmington Bypass Brunswick County**

Conveyance of approximately 12.370 Acre area to The Town of Leland for public use as Greenspace/preservation to be included in the Town's inventory. Area would remain wooded, no plans for any structures. A reverter clause will be included in instrument so if this 13.370 Acre area is no longer needed for public purposes, the Town conveys the area back to the Department at no expense to the Department.

Project 010US74, Parcel 001, Andrew Jackson Highway Brunswick County

Conveyance of approximately 99.850 Acre area to The Town of Leland for public use as a public park. Park would be passive in nature due to the environmental sensitivity and contain unpaved walking trails and other similar low-impact uses. A reverter clause will be included in instrument so if this 99.850 Acre area is no longer needed for public purposes, the Town conveys the area back to the Department at no expense to the Department.

(Division 10)**Hunstead Boulevard, NLBP PHASE ONE, LLC, Town of Huntersville Mecklenburg County**

On November 17, 2009, NCDOT mistakenly certified a Subdivision Road, Hunstead Boulevard, as shown on a plat entitled: North Lake Business Park Phase 1 – Map 1, 11208 North Statesville Road, Town of Huntersville, Mecklenburg County with Plat recorded in Plat Book 52 at Page 141 of the Mecklenburg County Registry. The Town of Huntersville has requested the 36,368 SQ FT (0.835 acre) be removed from the aforementioned plat and returned to Town of Huntersville. Therefore, this is to request authority for NCDOT to convey the 36,368 SQ FT (0.835 acre) to the Town of Huntersville also give the Manager of Right of Way Unit authority to sign the appropriate instruments.

APPROVAL OF CONVEYANCE LAND FOR PUBLIC USE

3 PROJECT(S)

\$ 0.00

R-ITEM SUMMARY**61 PROJECT(S)****TOTAL: \$ 886,709.33**

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

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

ITEM T-1

There are no Comprehensive Transportation Plans to be presented for approval at the August 5, 2021 Board of Transportation Meeting.

ITEM V

NORTH CAROLINA BOARD OF TRANSPORTATION

There will be no Item V for the August 5, 2021
Board of Transportation meeting.

2024-2033 STIP Funding with Inflation Options

July 9, 2021

(\$Millions)

STI Funding Category	Inflation Compounded Annually Years 1-5, Held Constant Years 6-10				
	1% ¹	2%	3%	4%	5%
Total Reduction in Funding for Programming	\$889	\$1,807	\$2,754	\$3,731	\$4,738
Total Funding for Programming	\$23,568	\$22,650	\$21,703	\$20,727	\$19,720
Statewide Mobility	\$9,447	\$9,080	\$8,702	\$8,311	\$7,908
Region A	\$589	\$566	\$542	\$518	\$492
Region B	\$855	\$822	\$787	\$751	\$715
Region C	\$1,562	\$1,501	\$1,438	\$1,373	\$1,306
Region D	\$1,172	\$1,126	\$1,079	\$1,030	\$980
Region E	\$1,464	\$1,407	\$1,348	\$1,287	\$1,224
Region F	\$784	\$753	\$722	\$689	\$655
Region G	\$609	\$585	\$561	\$535	\$509
Division 1	\$506	\$486	\$466	\$445	\$424
Division 2	\$506	\$486	\$466	\$445	\$424
Division 3	\$506	\$486	\$466	\$445	\$424
Division 4	\$506	\$486	\$466	\$445	\$424
Division 5	\$506	\$486	\$466	\$445	\$424
Division 6	\$506	\$486	\$466	\$445	\$424
Division 7	\$506	\$486	\$466	\$445	\$424
Division 8	\$506	\$486	\$466	\$445	\$424
Division 9	\$506	\$486	\$466	\$445	\$424
Division 10	\$506	\$486	\$466	\$445	\$424
Division 11	\$506	\$486	\$466	\$445	\$424
Division 12	\$506	\$486	\$466	\$445	\$424
Division 13	\$506	\$486	\$466	\$445	\$424
Division 14	\$506	\$486	\$466	\$445	\$424

STI Funding Category	Inflation Compounded Annually Years 1-10				
	1%	2%	3%	4%	5%
Total Reduction in Funding for Programming	\$1,301	\$2,679	\$4,140	\$5,687	\$7,326
Total Funding for Programming	\$23,156	\$21,778	\$20,318	\$18,770	\$17,131
Statewide	\$9,283	\$8,731	\$8,147	\$7,528	\$6,873
Region A	\$579	\$544	\$507	\$468	\$427
Region B	\$840	\$790	\$737	\$680	\$620
Region C	\$1,535	\$1,443	\$1,345	\$1,242	\$1,133
Region D	\$1,151	\$1,082	\$1,009	\$932	\$850
Region E	\$1,438	\$1,352	\$1,261	\$1,164	\$1,062
Region F	\$770	\$724	\$675	\$624	\$569
Region G	\$599	\$563	\$525	\$485	\$442
Division 1	\$497	\$468	\$436	\$403	\$368
Division 2	\$497	\$468	\$436	\$403	\$368
Division 3	\$497	\$468	\$436	\$403	\$368
Division 4	\$497	\$468	\$436	\$403	\$368
Division 5	\$497	\$468	\$436	\$403	\$368
Division 6	\$497	\$468	\$436	\$403	\$368
Division 7	\$497	\$468	\$436	\$403	\$368
Division 8	\$497	\$468	\$436	\$403	\$368
Division 9	\$497	\$468	\$436	\$403	\$368
Division 10	\$497	\$468	\$436	\$403	\$368
Division 11	\$497	\$468	\$436	\$403	\$368
Division 12	\$497	\$468	\$436	\$403	\$368
Division 13	\$497	\$468	\$436	\$403	\$368
Division 14	\$497	\$468	\$436	\$403	\$368

Notes:

1 - Inflation percentage currently used in 2020-2029 STIP
Revenues Based on March 2021 Consensus Budget

SUBJECT TO CHANGE



North Carolina Department of Transportation
Materials and Tests Unit – Product Evaluation Program
Innovative Technologies and Products Awareness Report
August 4th, 2021

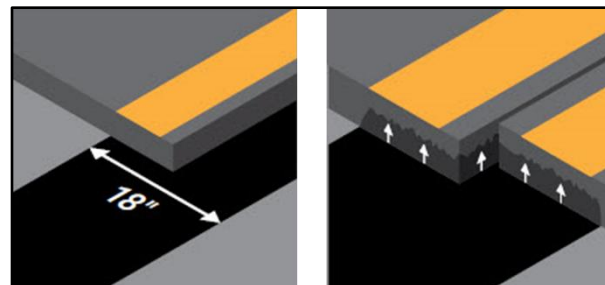


PRODUCT HIGHLIGHT – J-Band



J-Band Longitudinal Joint Sealer being applied – image from Asphalt Materials, Inc. brochure

J-Band is manufactured by Asphalt Materials, Inc. out of Martinsburg, West Virginia. It is currently listed on the Approved Products List (APL) as NP21-8858 and has been approved for a Field Trial. J-Band is a longitudinal joint sealer applied under the longitudinal joint in new asphalt placements and migrates upward as the hot-mix asphalt is installed on top of it. J-Band will reduce air voids at the joint, which will ultimately extend the life of the joint and subsequently the life of the pavement. The application of J-Band will reduce the possibility of water/air intrusion at the joint, and it stabilizes the unconfined edge which will extend pavement life by several years. For more information, please visit: <https://www.thejointsolution.com>



Infographic of J-Band applied underneath new asphalt layer (left), and Infographic of J-Band penetrating upward in the newly applied asphalt layers (right) – images from Asphalt Materials, Inc. brochure

PRODUCT INNOVATION – Acrylite Soundstop MASH TL-4 Noise Barrier System



Test section of Acrylite Soundstop MASH TL-4 Noise Barrier System – image from Durisol testing information sheet

The Acrylite Soundstop MASH TL-4 Structure Mounted Noise Barrier System is assembled by Durisol out of Rural Hall, North Carolina. It is currently under evaluation and listed on the APL as NP21-8859. The Acrylite Soundstop MASH TL-4 Structure Mounted Noise Barrier System has been crash-tested and is certified MASH-2016 (Manual for Assessing Safety Hardware) Test Level 4 (TL-4) compliant (TL-4 equates to a 22,000 pound truck impact at speeds of up to 56 mph). The system can be mounted to any concrete rail that has been certified TL-4 level or higher. The system is lightweight, transparent, and includes thin black striping to reduce bird encounters. The panels are 10 feet wide by 8 feet tall and are available in either clear or various solid colors. For more information, please visit: <https://www.durisol.com/our-solutions/noise-walls>



NORTH CAROLINA
Department of Transportation

P6.0 & STIP Program Update

Leigh Wing, PE – STIP Eastern Regional Manager

Jason Schronce, PE – SPOT Manager

August 4, 2021

Today's Topics

- Review
- P6.0 Workgroup Update
- STI Committee for Reprioritization (STICR)
- STIP Program Update
- Inflation



Review

Key Items

- Refreshed 1,000+ estimates in the STIP
- Most of the 22 funding buckets substantially overprogrammed
- Prioritization 6.0 Workgroup discussing next steps for P6.0
- Board input needed for 2024 – 2033 STIP development

P6.0 Workgroup Update

Questions for Prioritization Workgroup

- Continue or modify P6.0?
- Approach used to determine funding schedules for 2024 -2033 STIP?
- Next STIP to include Committed projects only or Committed + Non -Committed projects?
- Input on STICR guidelines?

Q1: Continue or modify P6.0?

Consensus recommendation to stop P6.0 after quantitative scoring and not proceed with the planned local input point process

SPOT continues to finalize P6 quantitative scores with expected release in September 2021

Workgroup plans to meet monthly in the short-term to develop recommendations for programming/scheduling of 2024-2033 projects

Continue to update the BOT on Workgroup progress

STIP Program Update

P6.0 Funding Availability – Committed & Non-Committed Projects

Statewide Mobility

Available Funding	Programming Status
\$9.4B	\$3.03B Over

Regional Impact

Region	Available Funding	Programming Status
A (D1 & D4)	\$588.8M	\$567.3M Over
B (D2 & D3)	\$855.1M	\$541.8M Over
C (D5 & D6)	\$1.56B	\$274.4M Over
D (D7 & D9)	\$1.17B	\$668.2M Over
E (D8 & D10)	\$1.46B	\$571.3M Over
F (D11 & D12)	\$784.0M	\$791.8M Over
G (D13 & D14)	\$609.2M	\$1.25B Over

Division Needs

Division	Available Funding	Programming Status
1	\$506M	\$106.6M Over
2	\$506M	\$412.6M Over
3	\$506M	\$242.2M Over
4	\$506M	\$147.5M Over
5	\$506M	\$203.0M Over
6	\$506M	\$465.4M Over
7	\$506M	\$0.6M Over
8	\$506M	\$348.4M Over
9	\$506M	\$105.1M Over
10	\$506M	\$277.9M Over
11	\$506M	\$334.4M Over
12	\$506M	\$277.1M Over
13	\$506M	\$270.4M Over
14	\$506M	\$194.4M Over

Available funding based on 2024-2033 timeframe

P6.0 Funding Availability – Committed Projects Only

Statewide Mobility

Available Funding	Programming Status
\$9.4B	\$2.29B Over

Regional Impact

Region	Available Funding	Programming Status
A (D1 & D4)	\$588.8M	\$188.4M Over
B (D2 & D3)	\$855.1M	\$353.4M Over
C (D5 & D6)	\$1.56B	\$106.4M Over
D (D7 & D9)	\$1.17B	\$480.9M Over
E (D8 & D10)	\$1.46B	\$529.2M Over
F (D11 & D12)	\$784.0M	\$326.0M Over
G (D13 & D14)	\$609.2M	\$953.0M Over

Division Needs

Division	Available Funding	Programming Status
1	\$506M	\$45.6M Over
2	\$506M	\$121.9M Over
3	\$506M	\$76.3M Under
4	\$506M	\$192.0M Under
5	\$506M	\$183.0M Over
6	\$506M	\$64.0M Under
7	\$506M	\$93.0M Under
8	\$506M	\$18.8M Over
9	\$506M	\$49.8M Under
10	\$506M	\$46.5M Over
11	\$506M	\$20.4M Under
12	\$506M	\$223.1M Over
13	\$506M	\$173.1M Over
14	\$506M	\$80.6M Over

Available funding based on 2024-2033 timeframe

STICR



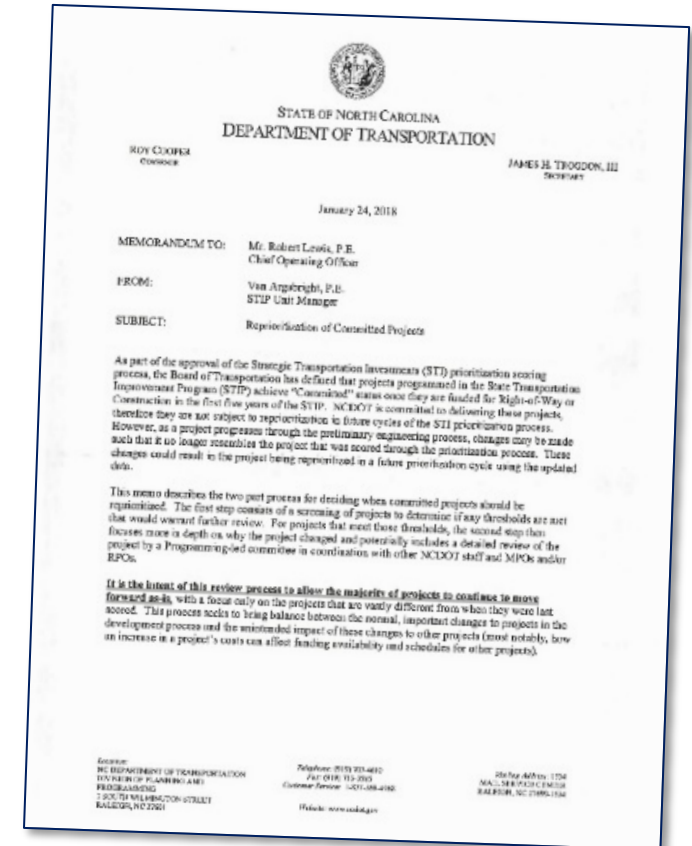
STI Committee for Reprioritization (STICR)

Purpose – review projects that meet cost thresholds

- Cost threshold $>35\%$ or $>\$25\text{M}$ from cost used in Prioritization
- Implemented for projects selected in P5.0+

STICR Options:

- Project continues as is
- Modify project scope to reduce cost
- Reprioritize project in next Prioritization Cycle



Projects Subject to STICR – Various Options

Prioritization Round	35 % or \$ 25M (current threshold)	25 % or \$ 25M	20 % or \$ 20 M
P5.0	112	119	123
P4.0 + P5.0	284	303	312
P3.0 + P4.0 + P5.0	447	470	482

Inflation

Inflation

- Inflation is accounted for in the STIP by reducing available revenue to program projects
- Inflation amount is evaluated as we begin each new STIP development process
- Currently, revenue is reduced by ~\$1B to account for inflation in the STIP

The Department would like Board input on how to handle inflation on the next STIP.

STIP Funding by Category:

Inflation at 1% (current), 3 % and 5 % Held Constant After Year 5

Statewide Mobility

1%	3%	5%
\$9.4B	\$8.7B	\$7.9B

Regional Impact

Region	1%	3%	5%
A (D1 & D4)	\$589M	\$542M	\$492M
B (D2 & D3)	\$855M	\$787M	\$715M
C (D5 & D6)	\$1.56B	\$1.44B	\$1.31B
D (D7 & D9)	\$1.17B	\$1.08B	\$980M
E (D8 & D10)	\$1.46B	\$1.35B	\$1.22B
F (D11 & D12)	\$784M	\$722M	\$655M
G (D13 & D14)	\$609M	\$561M	\$509M

Division Needs

Division	1%	3%	5%
1	\$506M	\$466M	\$424M
2	\$506M	\$466M	\$424M
3	\$506M	\$466M	\$424M
4	\$506M	\$466M	\$424M
5	\$506M	\$466M	\$424M
6	\$506M	\$466M	\$424M
7	\$506M	\$466M	\$424M
8	\$506M	\$466M	\$424M
9	\$506M	\$466M	\$424M
10	\$506M	\$466M	\$424M
11	\$506M	\$466M	\$424M
12	\$506M	\$466M	\$424M
13	\$506M	\$466M	\$424M
14	\$506M	\$466M	\$424M

Available funding based on 2024 -2033 timeframe

STIP Funding by Category:

Inflation at 1%, 3 % and 5 % Compounded Full 10 Years

Statewide Mobility

1%	3%	5%
\$9.3B	\$8.1B	\$6.9B

Regional Impact

Region	1%	3%	5%
A (D1 & D4)	\$579M	\$507M	\$427M
B (D2 & D3)	\$840M	\$737M	\$620M
C (D5 & D6)	\$1.54B	\$1.35B	\$1.13B
D (D7 & D9)	\$1.15B	\$1.01B	\$850M
E (D8 & D10)	\$1.44B	\$1.26B	\$1.06B
F (D11 & D12)	\$770M	\$675M	\$569M
G (D13 & D14)	\$599M	\$525M	\$442M

Division Needs

Division	1%	3%	5%
1	\$497M	\$436M	\$368M
2	\$497M	\$436M	\$368M
3	\$497M	\$436M	\$368M
4	\$497M	\$436M	\$368M
5	\$497M	\$436M	\$368M
6	\$497M	\$436M	\$368M
7	\$497M	\$436M	\$368M
8	\$497M	\$436M	\$368M
9	\$497M	\$436M	\$368M
10	\$497M	\$436M	\$368M
11	\$497M	\$436M	\$368M
12	\$497M	\$436M	\$368M
13	\$497M	\$436M	\$368M
14	\$497M	\$436M	\$368M

Available funding based on 2024 -2033 timeframe

Inflation Options - Total Reduction to S TIP

Total Reduction to 10 Year STIP		
Inflation	Constant After Year 5	Compounded Full 10 Years
1%	\$889M	\$1.30B
3%	\$2.75B	\$4.14B
5%	\$4.74B	\$7.33B

Discussion

RESOLUTION FOR CLAUD PAW MESSER HIGHWAY

WHEREAS, Claud G. Messer, known as “Paw,” was a lifelong resident of Haywood County; and

WHEREAS, Messer was a founding member of the Jonathan Creek Volunteer Fire Department in 1986, served as the chairman of the department’s board of directors and a captain in the department for more than 30 years; and

WHEREAS, Messer was known for his caring and generous nature, his leadership and guidance, along with his support of the community; and

WHEREAS, Messer delivered firewood and heating oil to Haywood County residents who could not afford it, paying these costs with his own money; and

WHEREAS, Messer’s leadership allowed the Jonathan Creek Volunteer Fire Department to build a state-of-the-art facility and purchase necessary equipment without incurring debt; and

WHEREAS, Messer had a distinguished 30-year career as a Haywood County Volunteer Firefighter and was looked upon by his peers with respect and admiration; and

WHEREAS, Messer was tragically killed when responding to a fire call September 20, 2019; and

WHEREAS, the Haywood County Board of Commissioners desires to honor Claud “Paw” Messer for his sacrifice and dedication to Haywood County.

NOW, THEREFORE, BE IT RESOLVED:

That the North Carolina Board of Transportation honorarily designates US 276 from US 19 to Interstate 40 in Haywood County the *Claud Paw Messer Highway*.

That appropriate signs will be erected at a suitable time.

Adopted this the 5th day of August 2021 by the North Carolina Board of Transportation.


Chairman


Secretary of Transportation

RESOLUTION FOR COMMISSIONER JONATHAN ROBINSON BRIDGE

WHEREAS, Marvin Jonathan Robinson was born in Morehead City and was a lifelong Carteret County resident; and

WHEREAS, Robinson earned his Eagle Scout, graduated from East Carteret High School and is an Atlantic Christian College graduate; and

WHEREAS, after college, Robinson began his career as a commercial fisherman; and

WHEREAS, Robinson served the Down East communities for over 40 years in various capacities; and

WHEREAS, Robinson served in the North Carolina House of Representatives from 1995 to 1996; and

WHEREAS, Robinson served as county commissioner of Carteret County's Down East District 6 from November 1998 until his death in May 2020; and

WHEREAS, Robinson was a strong, proud and respected voice for his community of fishermen and advocated strongly for the preservation of commercial fishing; and

WHEREAS, Robinson served as the former president of the Carteret County Fishermen's Association; and was awarded the Highliner Award by the North Carolina Fishermen's Association; and

WHEREAS, Robinson was assistant Scout Master for Troop 252, instructed an entire generation of students in driver's education and was a former volunteer firefighter; and

WHEREAS, the Carteret County Board of Commissioners desires to honor former North Carolina House Member, Carteret County Commissioner and dedicated public servant Commissioner Marvin Jonathan Robinson by naming a bridge after him.

NOW, THEREFORE, BE IT RESOLVED:

That the North Carolina Board of Transportation names the bridge over the North River on US 70 in Carteret County the *Commissioner Jonathan Robinson Bridge*.

That appropriate signs will be erected at a suitable time.

Adopted this the 5th day of August 2021 by the North Carolina Board of Transportation.


Chairman


Secretary of Transportation

RESOLUTION FOR UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL 2020 NCAA WOMEN'S FIELD HOCKEY NATIONAL CHAMPIONSHIP

WHEREAS, the University of North Carolina at Chapel Hill requests eight championship signs for winning the 2020 Women's Field Hockey National Championship on May 9, 2021; and

WHEREAS, the team won the championship title against the University of Michigan with a 4-3 victory in overtime and finished the season 19-1; and

WHEREAS, the team won its third national championship in a row and the program's ninth NCAA title, all under coach Karen Shelton; and

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

NOW, THEREFORE, BE IT RESOLVED:

That the North Carolina Board of Transportation honors the University of North Carolina at Chapel Hill with eight national championship signs that read *North Carolina Tar Heels 2020 Field Hockey National Champions*.

That appropriate signs will be erected at a suitable time.

Adopted this the 5th day of August 2021 by the North Carolina Board of Transportation.


Chairman


Secretary of Transportation

RESOLUTION FOR DR PATRICIA J JOHNSON BRIDGE

WHEREAS, Patricia June Johnson born and raised in Alabama, graduated from the University of Alabama School of Medicine in 1975 and moved to Graham County in 1976; and

WHEREAS, Doctor Johnson started the birthing center at Tallulah Health in early 1980 and recruited physicians for Tallulah Health Center Practice; and

WHEREAS, during her 45 plus years of practice, Johnson was able to offer extended services to the people of Graham County so rural patients would not have to travel for health care; and

WHEREAS, Johnson started numerous support groups in different medical and wellness programs, including a Women's Auxiliary Program to aid in transportation to and from doctor's visits; and

WHEREAS, Johnson was recognized in 2000 by the Z Smith Reynolds Foundation for her commitment, dedication, courage, perseverance and leadership; and

WHEREAS, Johnson served as Medical Director at Britthaven of Graham County Nursing Home for two years and was a provider there for 10 years; and

WHEREAS, Johnson was revered by her staff and they called her the "Mother of Medicine"; and

WHEREAS, the Graham County Board of Commissioners wishes to honor Doctor Johnson for her loyalty and dedication to the county and for her many years of service by naming a bridge for her.

NOW, THEREFORE, BE IT RESOLVED:

That the North Carolina Board of Transportation names the Bridge #131 on NC 143 in Graham County the *Dr Patricia J Johnson Bridge*.

That appropriate signs will be erected at a suitable time.

Adopted this the 5th day of August 2021 by the North Carolina Board of Transportation.


Chairman


Secretary of Transportation



DRAFT

AUDIT COMMITTEE MEETING MINUTES

DATE: 06/9/2021

TIME: 2:00pm

LOCATION: Hybrid: Microsoft Teams/Raleigh
Convention Center (Room 303)

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

AGENDA TOPICS

1. Call to Order, Roll Call, Declaration of Quorum, Non-Conflict Statement and Consideration of the June 9, 2021 Meeting Minutes – Vice Chair Lail

DISCUSSION SUMMARY	<p>Vice Chair Lail called the meeting to order, conducted a roll call of members present and declared a quorum was present.</p> <p>Vice Chair Lail read the non-conflict/ethics statement and asked if there were any known conflicts or appearances of conflicts of interest. No conflicts stated.</p> <p>Vice Chair Lail Perkins stated the meeting minutes were distributed prior to the meeting, and if there are no additions or corrections, the Vice Chair would accept a motion that the minutes from the June 9, 2021, meeting be approved as submitted.</p>
ACTIONS TAKEN	<p>Vice Chair Lail asked for a motion to approve the June 9, 2021, meeting minutes. Board member Fox made the motion to approve the minutes and Board member Moran provided the second.</p> <p>Vice Chair Lail took a roll call vote. Members voted in favor of approving the minutes and the June 9, 2021, minutes were approved unanimously.</p>

2. OIG Updates – Mary Morton

DISCUSSION SUMMARY	<p>Mary Morton provided the Committee the following update on audit activities occurring in OIG during May and June (summary provided to Committee members prior to the meeting):</p> <p><u>Heavy Equipment Utilization</u> – final review in progress. No additional findings noted since last Committee meeting.</p> <p><u>Highway Construction Contracts: Change Management</u> – fieldwork is in progress and internal control evaluations are underway. To date, documentation is nearing completion for six divisions. Testing will begin within each division as evaluations are completed. Supplemental staffing via contracted services will be used on this project to assist with fieldwork beginning June 14 and ending July 31.</p> <p><u>CARES Act</u> – planning is in progress and the engagement letter will soon be issued and followed by an entrance conference with management to discuss the engagement.</p>
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DRAFT

AUDIT COMMITTEE MEETING MINUTES

	<p><u>EAGLE</u> – overview of the engagement was provided; including requirements by the Office of State Controller and the related IT general controls subject to testing and the role of NCDOT's Financial Management Division in identifying the financial and compliance accounts to be tested. OIG uses supplemental contracted services for this engagement and reviews the contractors' work. Status to date is as follows: Financial/Compliance – 28 accounts within scope, testing completed on 22 accounts, 19 have been reviewed; IT General Controls – 28 processes within scope, testing completed on 18 processes, 18 have been reviewed. To date, two findings have been noted regarding ineffective controls.</p> <p><u>CURT</u> (Consultant Unit) – FHWA issued guidance on the Payroll Protection Program (PPP) loans and the impact related to forgiveness of those loans. OIG drafted guidance for issuance to Architectural and Engineering firms conducting business with DOT. If loans were received and forgiven, a credit must be made to the indirect cost rate for any PPP loan proceeds applied to costs on a federally funded project.</p> <p><u>Staffing updates</u>: supplemental staffing will be utilized. OIG continues to experience recruitment challenges and will continue to work to fill vacant positions.</p> <p><u>Audit Plan</u>: Ms. Morton is evaluating the plan against available resources and will determine the priority of the next engagements.</p> <p><u>OIG Assessment</u>: Ms. Morton informed the Committee Cherry Bekaert has been engaged to perform an operational assessment of OIG. The evaluation will include an analysis of how OIG operates, staffing and will include recommendations for strengthening our operations. After completing the operational assessment, Cherry Bekaert will assist OIG in conducting an agency-wide risk assessment for developing our next Audit Plan. Vice Chair Lail inquired of the timeline for completion of the operational assessment and if results of the agency-wide risk assessment would be shared with the Committee. Ms. Morton stated Cherry Bekaert is planning to have the operational assessment completed during early July and the results of the risk assessment will be shared with the Committee. In addition, the Committee will have the opportunity to provide input during the risk assessment.</p>
ACTIONS TAKEN	NONE TAKEN
3. Closing – Vice Chair Lail	
DISCUSSION SUMMARY	Vice Chair Lail asked if there were any additional questions or matters for discussion. No additional matters or questions presented.
ACTIONS TAKEN	<p>Vice Chair Lail asked for a motion to adjourn the June 9, 2021, meeting.</p> <p>Board member Lathrop made the motion to adjourn the meeting and Board member Zimmer provided the second.</p> <p>Vice Chair Lail noted no objections and adjourned the meeting.</p>



DRAFT

AUDIT COMMITTEE MEETING MINUTES



AUDIT COMMITTEE MEETING AGENDA

BOARD OF TRANSPORTATION AUGUST 4, 2021

TIME: 10:00am

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

TOPIC	PRESENTER	TIME
Welcome Call to Order Roll Call Declaration of Quorum Approval of June 9, 2021 Meeting Minutes	Andy Perkins, Chair	2 minutes
OIG Activity Report Status of Audit Plan/Engagements Staffing updates Questions	Mary Morton, NCDOT Inspector General	27 minutes
Adjourn	Andy Perkins, Chair	1 minute



FINANCE COMMITTEE MEETING MINUTES

DATE: June 30, 2021 TIME: 10:45 AM LOCATION: NCDOT Transportation Board Room

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

AGENDA TOPICS

1. Call to Order, Declaration of Quorum, Non-Conflict Statement and Approval of the June 9, 2021 Meeting Minutes – Chairman Tony Lathrop	
DISCUSSION SUMMARY	<p>Chairman Lathrop stated the meeting was hybrid and conducted in person at the NCDOT Transportation Building Board Room and on Microsoft Teams. He called the meeting to order and took a roll call.</p> <p>Chairman Lathrop read the non-conflict/ethics statement and asked if there were any known conflicts or appearances of conflicts of interest.</p> <p>Chairman Lathrop stated the meeting minutes were distributed prior to the meeting, and if there are no additions or corrections, the Chair would accept a motion that the minutes from the June 9, 2021, meeting be approved as submitted.</p>
ACTIONS TAKEN	<p>Chair Lathrop asked for a motion to approve the June 9, 2021, meeting minutes.</p> <p>Board member Clarke made the motion to approve the minutes and Board member Lail provided the second.</p> <p>Chair Lathrop asked for a voice vote, and the June 9, 2021, were approved unanimously.</p>
2. Financial Update – Kim Padfield, NCDOT Controller	
DISCUSSION SUMMARY	<p>Ms. Padfield reported on financial key items of note: GARVEE bond issuance planned for close in September (\$300M sale with Council of State on August 3rd); Planning for \$300M Build NC issuance in October pending legislative change (Senate Bill 105 does include a cash balance exception for FY22 only); Received confidential draft of Spend Plan Development and Monitoring Audit and have met with the State Auditor's Office to discuss; The SFY 22/SFY 23 Spend Plan that had been presented last month has been revised to use the Continuation Budget; and in May there was a \$95M cash transfer made from the Highway Fund to the Highway Trust Fund and there was another \$90M transfer in June. The outstanding balance was \$600.3M. She estimated a payment of \$200M or more next fiscal year.</p> <p>She reported the closing cash balance for May was \$1.98B. The Highway Fund balance increase was a result of increase in motor fuel tax revenue, license and fees revenue and a decrease in expenditures. The Trust Fund balance increase was a result of a decrease in expenditures and a repayment of the advance.</p>



FINANCE COMMITTEE MEETING MINUTES

	<p>Spend Plan Revenues through May were very close to projections and Spend Plan Expenditures were 88% of Spend Plan projections to date and 77% of the yearly spend plan with one month to report.</p> <p>She reported the outstanding commitments and noted the Department is now paying commitments that spans multiple years. She noted revenues have outpaced expenditures during the year and during May those amounts were closer as the Department was paying the seasonal commitments.</p> <p>Ms. Padfield reported at the close of May financials Advance Construction Amounts and Unreimbursed Expenditures are within limits set in the Advance Construction Policy</p>
ACTIONS TAKEN	NONE TAKEN
3. FY22/FY23 Spend Plan – Michelle Overby, Funds Administration Manager	
DISCUSSION SUMMARY	<p>Ms. Overby reported the SFY22/SFY23 Spend Plan presented during the June Board meeting was based on the Governor's Recommended Budget. After conversations with OSBM, a change was made to the proposed Spend Plan to base it on the continuation budget. She expects to present a revised Spend Plan when the Biennium Budget is passed and ratified.</p> <p>Ms. Overby noted the Spend Plan State Revenue is based on the February 2021 Consensus Revenue Forecast and Federal Revenue is being held constant at the current year funding level. Also, this Spend Plan includes no Build NC Bond Proceeds for SFY 22 nor for SFY 23. In addition, it includes a reduction in Operations and Maintenance (Continuation Budget is \$73M less than Governor's Budget for SFY22), and a reduction in several Modal Divisions. The GARVEE Bond issuance is included and assumes a \$300M sale in September 2021 and another \$300M sale in July 2022. Another change she noted was a reduction in Preliminary Engineering expenditures in SFY 2023, which was reduced from \$350M to \$270M. She noted the Right of Way amount remained unchanged, and the Capital Budget was more in the Continuation Budget than the Governor's Budget.</p> <p>Ms. Overby reported that in July 2021, the Department is required to transfer an additional \$61M to the Emergency Reserve Fund to meet the \$125M requirement set in legislation.</p>
ACTIONS TAKEN	<p>Chair Lathrop asked for a motion to make a recommendation from the Finance Committee for the full Board to consider the updated Spend Plan.</p> <p>Board member Clarke made the motion to recommend the SFY22/SFY23 Spend Plan for consideration by the full Board and Board member Mathis provided the second.</p> <p>Chair Lathrop asked for a vote and motion was approved unanimously.</p>
4. Cost Estimate Escalation – Joey Hopkins, PE, Deputy Chief Engineer of Planning and Leigh Wing, PE, STIP Eastern Region Manager	
DISCUSSION SUMMARY	<p>Mr. Hopkins reported the presentation would include steps the Department has taken to develop better and more timely estimates. He noted that Mrs. Wing would show a snapshot of where DOT would be during the next STIP cycle (2024 – 2033 STIP). They will also suggest some next step as they work through the STIP development</p>



FINANCE COMMITTEE MEETING MINUTES

with the Board and local partners. The charts show numbers for forecasting the STIP, using estimates and revenue forecast as was known at that time. Mr. Hopkins reminded the Board the STIP is a planning document and not a fiscal document. He noted there are factors not included, such as improved revenue forecasts, ongoing work of Value Engineering/Value Assessments, and ongoing work with SAS to develop a better process to program the STIP. The goal is to make the STIP more reliable.

Mrs. Wing began by explaining the presentation would be about the development of the next STIP, 2024-2033. She recapped the presentation from the prior Finance Committee meeting that included Initial Cost Estimates, Committed Projects and how project cost can increase over time. She then presented a background on the Summer 2020 STIP Reprogramming. She noted project cost increases received Sept 2019 – June 2020, along with reduced revenues and cash issues, were largely responsible for the Summer 2020 STIP Reprogramming because the STIP was no longer fiscally constrained. She noted it was a mid-cycle reprogramming and a new STIP was not developed. During the process the need to improve accuracy of NCDOT's cost estimation process was recognized.

Mrs. Wing reported on the Cost Estimation Improvement Process Workgroup, DOT staff group that would review the cost estimation process and make recommendations. She summarized their major findings that included finding deficiencies in the GIS-based Cost Estimation Tool, estimates not always updated regularly and consistently distributed, and a lack of central data-repository for estimates. Their goal was to create a consistent process, ensure estimates are updated on a regular basis and properly distributed to all parties, and creation of single data repository.

She reported on key activities underway that included all cost estimates are based on express designs, all cost estimates will be updated at a minimum of every 2 years, ensure appropriate contingencies are accounted for at all stages, creating a cost estimate application for storing and distribution, and institutionalizing Value Engineering/Value Assessments on all projects. She next reported that STICR (STI Committee for Reprioritization) review projects that meet cost thresholds (increased over 35% or \$25M for projects selected in P5.0+). The options available to STICR are project continues as is, modify project scope to reduce project cost, or reprioritize project in the next Prioritization Cycle. STICR has reviewed 39 projects that have been flagged.

Mrs. Wing next informed the Committee where they stand to date on the STIP Cost Review. In Summer 2020, NCDOT staff reviewed all STIP highway cost estimates and made recommendations on which projects needed updated estimates. There are 450+ project estimates being updated (over 1,000 estimates for ROW, utilities, and construction), and should be complete by Summer 2021. Division Engineers are approving all verified cost memos. She noted many more projects may be flagged for STICR after this process is complete.

She then presented the available funding and programming status for each funding bucket based on committed and non-committed projects during the next STIP timeframe – 2024-2033. She noted NCDOT is legislatively allowed to over program by 10% in the 10-year period in each funding bucket and the amounts shown in the chart already take that into account. The programming status presented was the



FINANCE COMMITTEE MEETING MINUTES

	<p>amount beyond the 10% over program allowance for each bucket. She noted there are unknowns, such as federal revenues (potentially can increase) and the passage of a state budget. She and Mr. Hopkins will update the Committee on the numbers when the state budget has been approved and ratified. Also, she noted additional projects may go through STICR review, and Value Engineering and Value Assessments have not taken place on all projects yet.</p> <p>Mrs. Wing next presented the funding availability based only on committed projects. She also noted Planning & Programming has partnered with SAS to develop realistic cash flows for the STIP program. They will be continuing that project over the summer.</p> <p>Mrs. Wing next asked for Board Considerations and input into how to handle inflation for future STIP programs, the STI Prioritization Workgroup, and STICR guidelines.</p>
ACTIONS TAKEN	NONE TAKEN
5. Adjournment	
ACTIONS TAKEN	<p>Chair Lathrop asked for a motion to adjourn the June 30, 2021, meeting.</p> <p>Board member Rosenberg made the motion to adjourn the meeting and Board member Moran provided the second.</p> <p>Chair Lathrop asked for a vote and the vote to adjourn was unanimous.</p>



FINANCE COMMITTEE MEETING AGENDA

BOARD OF TRANSPORTATION AUGUST 4, 2021

TIME: 10:30 AM
LOCATION: NCDOT BOARD ROOM

Members of the Board will participate in the meeting either in person or via Microsoft Teams.
Members of the public may attend in person or access the meeting via the following link:
<https://livestream.com/nc-dot>

TOPIC	PRESENTER	TIME
Welcome & Call to Order Roll Call & Declaration of Quorum Approval of June 30, 2021, Meeting Minutes	Tony Lathrop, Chair	10:30 AM
Financial and Spend Plan Update	Stephanie King, CFO	10:40 AM
Questions & Discussion	Tony Lathrop, Chair	
Adjourn	Tony Lathrop, Chair	11:45 AM



NORTH CAROLINA

Department of Transportation



Financial and Spend Plan Update

As of June 2021

Stephanie King, Chief Financial Officer

August 4, 2021

Financial Analysis

- **HF Cash** – Cash balance increased from \$117.4million in June 2020 to \$1,201.2 million in June 2021. An increase of \$1,083.8 million or 922.9%. This increase in cash was primarily due to increased motor fuel tax and license & fees revenues for the Highway Fund combined with decreased expenditures.
- **HF Revenues** – Revenues increased from \$155.5 million in June 2020 to \$231.6 million in June 2021. An increase of \$76.1 million or 49.0%. This increase was primarily due to a \$59.2 million increase in motor fuel tax revenues and a \$17.2 million increase in license & fee revenues in June 2021 compared to June 2020. This is due to pandemic impacts in 2020 and the change in motor fuel tax revenue distribution percentages between the HF and HTF.
- **HF** June 2021 YTD revenues were greater than June 2020 YTD revenues by \$432.5 million, and June 2021 YTD expenses were less than June YTD 2020 expenses by \$685.3 million.
- **HTF Cash** – Cash balance increased from \$148.4 million in June 2020 to \$811.8 million in June 2021. An increase of \$663.4 million or 447.0%. This increase in cash was primarily due to continued decreased expenditures and repayment of the advance from Highway Fund.
- **HTF Revenues** – Revenues increased from \$130.4 million in June 2020 to \$157.4 million in June 2021. An increase of \$27.0 million or 20.7%. This increase was due to a \$19.3 million increase in highway use tax revenue, a \$5.6 million increase in motor fuel tax revenue, and a \$2.2 million increase in fees revenue in June 2021 compared to June 2020.
- **HTF** June 2021 YTD revenues were greater than June 2020 YTD revenues by \$15.0 million, and June 2021 YTD expenses were less than June YTD 2020 expenses by \$181.0 million.

Key monthly action:

- On June 7, 2021, a \$90 million transfer was made from the Highway Fund to the Highway Trust Fund to repay the advance made on August 22, 2018, for \$50M and the advance made on September 7, 2018, for \$40M made in accordance with N.C.G.S § 147-86.15. The grand total transferred during SFY 2021 through June was \$390 million. The outstanding balance of the advance after this payment was \$600.3 million.

Spend Plan Analysis - Revenue

Total Revenues, \$6,740 million, were 0.73% above the spend plan forecast, or \$48.75 million, but were 19%, or \$1,071.6 million, more than revenues for SFY 2020.

- State Revenue, \$4,140 million, was 3%, or \$112 million, above forecasted revenue.
- Federal Revenue, \$1,421 million, was 0.6%, or \$9 million, below the forecasted amount.
- Other Revenue, \$190 million, was 21%, or \$49 million, below spend plan forecast. Major line items that have contributed to this shortfall include Federal Transit funding (received \$28 million or \$7 million less than forecast), Rail FRA funding (received \$0.65 million or \$34 million less than forecast), Federal Transit CARES Act funding (received \$39 million or \$72 million less than forecast), and Federal Aviation funding (received \$19.4 million or \$50 million less than forecast). Major line items that have covered some of this shortfall include Damage Claims (\$54.3 million), GHSP (\$12.9 million), Local & Property Owner Participation (\$25 million), and LOGO Annual Fees (\$5 million).
- GARVEE Reimbursement, \$296 million, was 3%, or \$8.6 million, above spend plan forecast.
- Build NC Reimbursement, \$596 million, was 0.6%, or \$3.4 million, below spend plan forecast. The Department has received \$451.9 million of 2020 Build NC reimbursements from the trustee through May.

Spend Plan Analysis - Expenditures

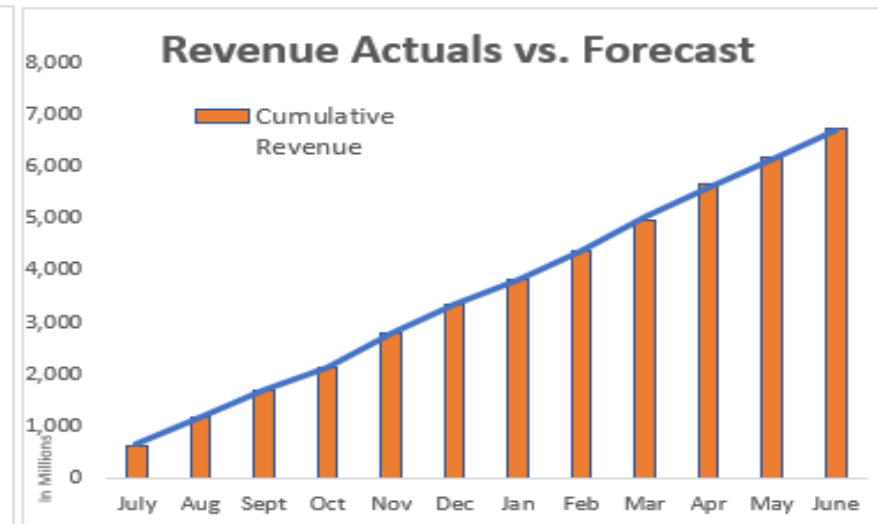
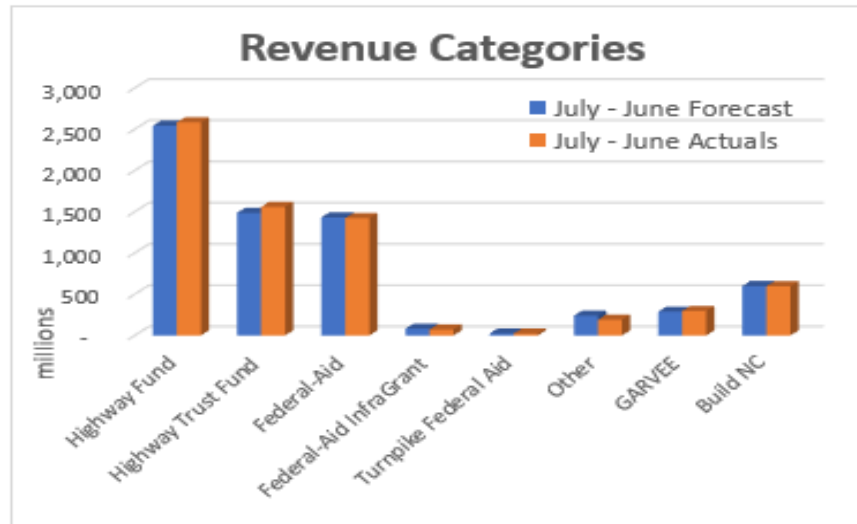
Total Expenditures (\$5,084 million) were 13%, or \$780 million, below the spend plan forecast and 16%, or \$942 million, below the previous year totals. This is a result of initiatives taken by the Department to reduce spending during the COVID pandemic and reengaging with industry partners as they ramp up operations to advance transportation projects.

- Total Construction Expenditures (\$2,972 million) were 11%, or \$383 million, below spend plan forecast. SFY 2021 expenditures were 17%, or \$601 million, less than SFY 2020 construction expenditures.
- Maintenance Expenditures for SFY 2021 (\$1,142 million) were 14.6% below the spend plan forecast, or \$196 million. SFY 2021 expenditures were 17%, or \$240 million, less than SFY 2020 maintenance expenditures.
- Total Modal Expenditures (\$405.6 million) were 31%, or \$185 million, below the spend plan forecast, but were 26% , or \$85 million, more than the previous SFY.

Spend Plan Revenue Summary June 2021 (in millions)

Revenue	June 2021	June 2020	2020-2021 Actual Revenue	2019-2020 Actual Revenue	\$ Δ	% Δ	2020-2021 Spend Plan Revenue Forecast*	%
Highway Fund	231.6	155.4	2,583.1	2,144.3	438.8	20%	2,542.3	102%
Highway Trust Fund	157.4	130.4	1,557.9	1,542.9	15.0	1%	1,486.2	105%
FHWA Federal Aid	102.9	106.9	1,421.2	1,463.5	(42.3)	-3%	1,430.3	99%
Federal Aid - InfraGrant	7.4	-	72.3	-	72.3		81.9	88%
Turnpike Federal Aid	0.1	0.1	23.3	2.1	21.2	992%	24.2	97%
Other	17.7	13.8	190.1	146.5	43.6	30%	239.6	79%
GARVEE	10.3	27.2	296.3	182.5	113.9	62%	287.7	103%
Build NC	35.2	10.7	596.1	186.8	409.2	219%	599.4	99%
Total Revenue	\$562.5	\$444.4	\$6,740.3	\$5,668.7	\$1,071.6	19%	\$6,691.5	101%

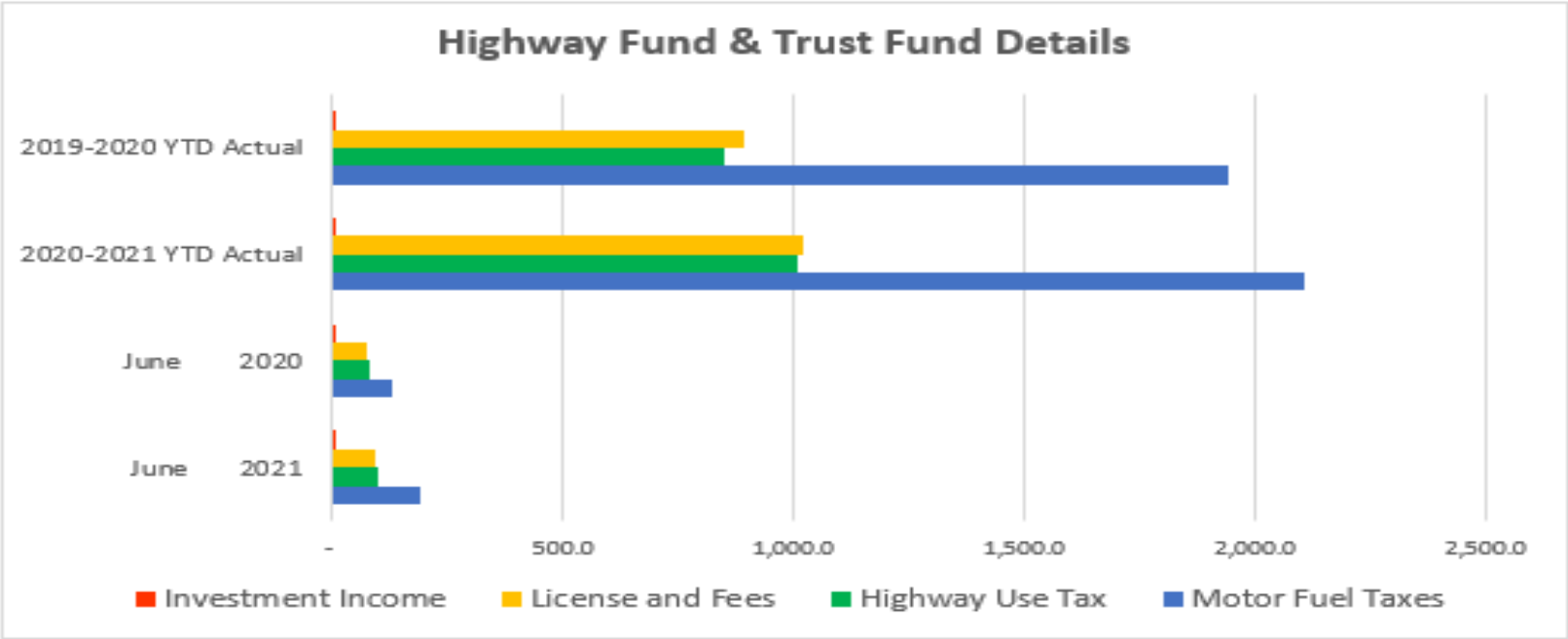
* Revised Revenue Forecast for the 3/4/21 Approved Spend Plan



Highway Fund & Trust Fund Details June 2021

(in millions)

Highway Fund & Trust Fund Detail	June 2021	June 2020	Year Over Year			
			2020-2021 YTD Actual	2019-2020 YTD Actual	\$ Δ	% Δ
Motor Fuel Taxes	193.6	128.8	2,108.7	1,941.4	\$ 167.3	9%
Highway Use Tax	102.0	82.7	1,006.1	847.5	158.6	19%
License and Fees	92.7	73.4	1,022.1	894.8	127.3	14%
Investment Income	0.7	1.0	4.2	10.0	(5.7)	-58%
Total	\$ 389.0	\$ 285.9	\$ 4,141.1	\$ 3,693.6	\$ 447.5	12%

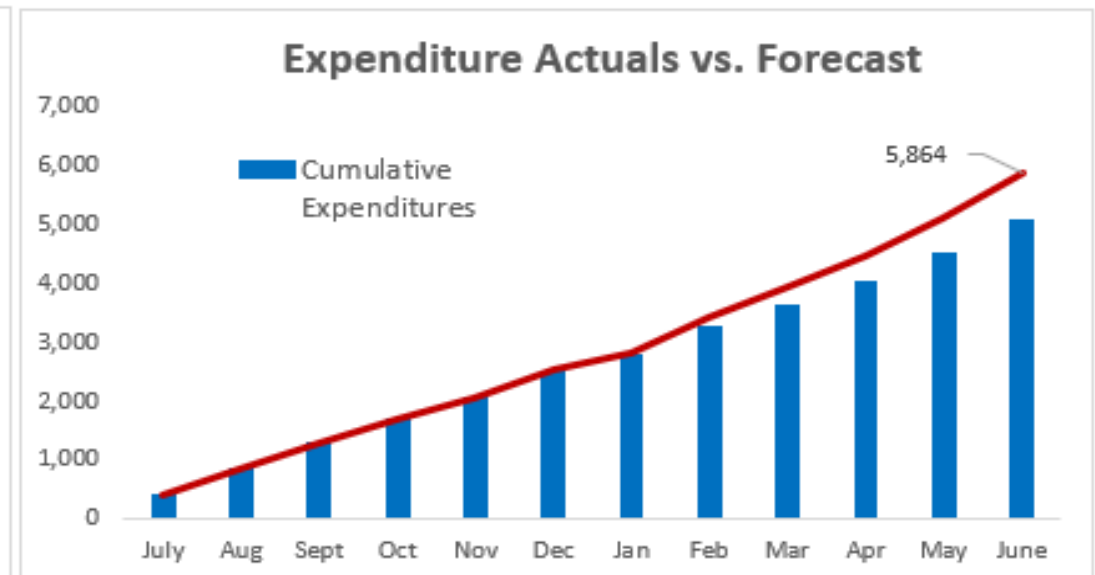
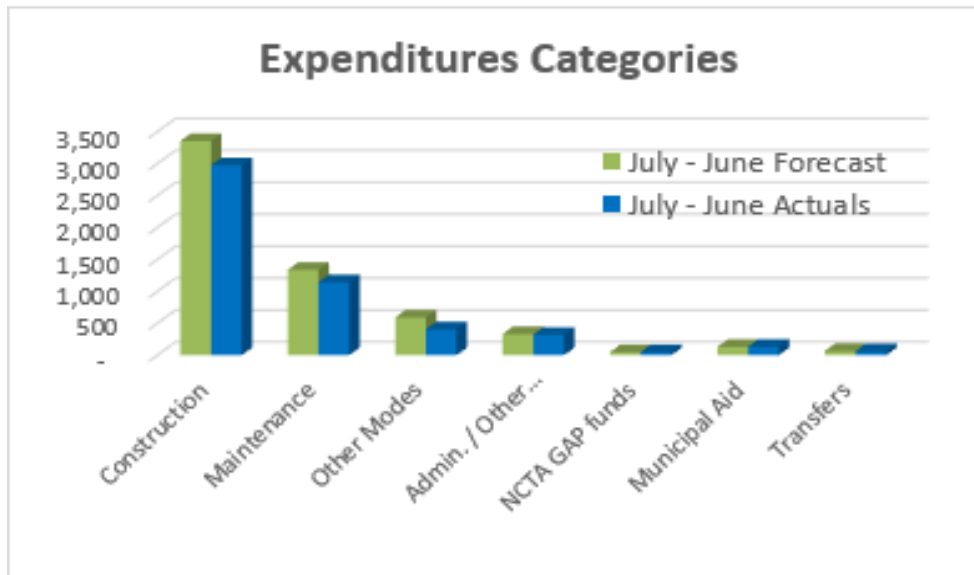


Spend Plan Expenditure Summary June 2021 (in millions)

State & Federal Funded Programs:	June 2021	June 2020	2020-2021 Actual	2019-2020 Actual	\$ Δ	% Δ	2020-2021 Spend Plan**	%
Construction	286.9	235.0	2,972.4	3,573.7	(\$601.3)	-17%	3,355.0	89%
Maintenance (including FEMA)	178.6	90.3	1,142.1	1,382.2	(240.1)	-17%	1,338.0	85%
Other Modes	57.2	37.0	405.6	320.7	84.9	26%	591.0	69%
Administration/Other Programs	47.8	119.3	319.4	406.2	(86.8)	-21%	331.0	96%
NCTA GAP funds / GO Debt Service	-	26.2	49.0	132.0	(83.0)	-63%	49.0	100%
Municipal Aid	-	-	132.6	147.5	(14.9)	-10%	132.6	100%
Transfers to Other Agencies	0.9	6.7	63.2	64.1	(0.8)	-1%	67.5	94%
Total Expenditures*	\$571.4	\$514.4	\$5,084.4	\$6,026.4	\$ (942.0)	-16%	\$5,864.1	87%

*Excludes NCTA Expenditures

** Spend Plan Approved on 3/4/2021

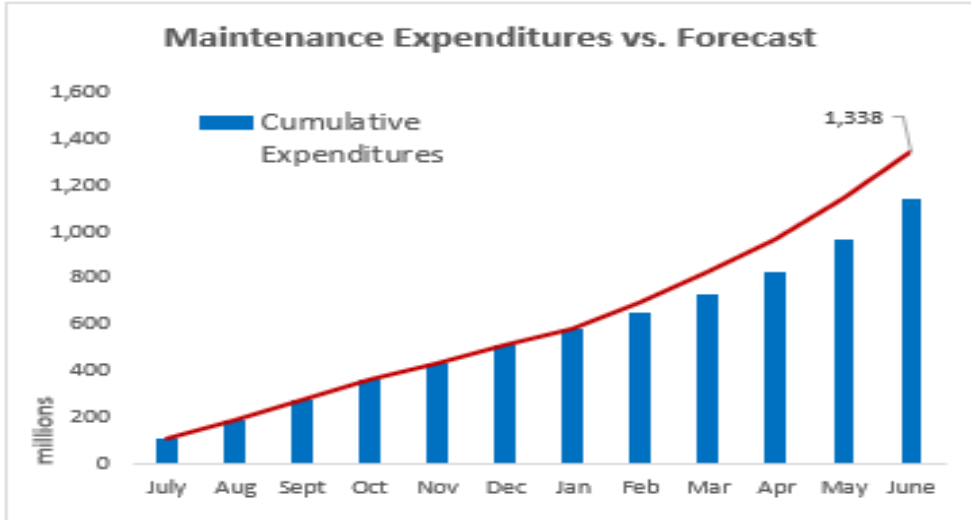
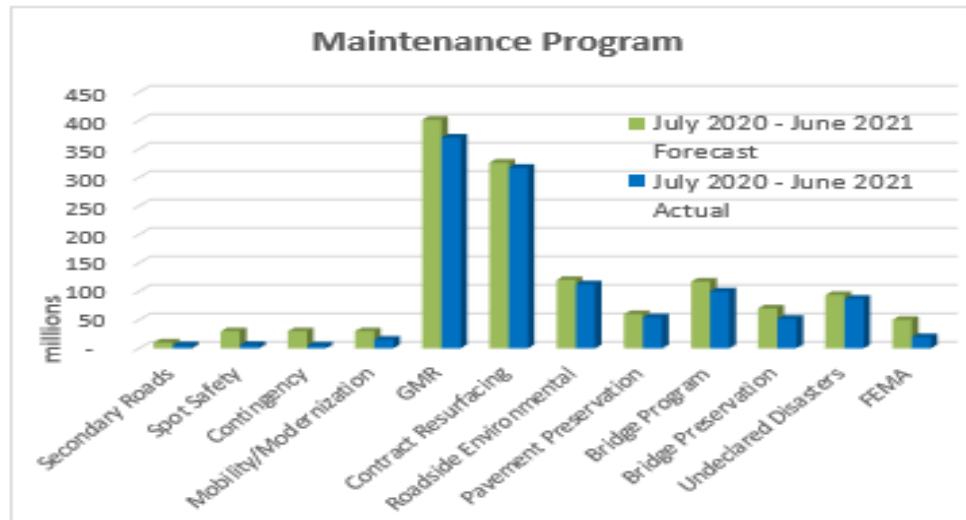


Maintenance Program Expenditure Summary June 2021

(in millions)

Maintenance Programs:	June 2021	June 2020	2020-2021 Actual	2019-2020 Actual	\$ Δ	% Δ	2020-2021 Spend Plan*	%
Secondary Roads	1.4	0.10	5.1	2.7	2.44	92%	10.0	51%
Spot Safety Improve.	1.0	0.04	5.9	5.1	0.74	14%	30.0	20%
Contingency	0.7	(1.91)	4.7	4.9	(0.17)	-3%	30.0	16%
Mobility/Modernization	2.0	1.32	15.2	27.1	(11.88)	-44%	30.0	51%
GMR	45.3	28.06	369.8	374.8	(5.03)	-1%	401.3	92%
Contract Resurfacing	62.0	33.16	317.0	475.9	(158.89)	-33%	326.0	97%
Roadside Environmental	28.8	4.82	112.4	79.0	33.35	42%	120.0	94%
Pavement Preservation	10.1	5.25	54.2	62.7	(8.47)	-14%	60.0	90%
Bridge Program	10.5	12.06	99.9	218.6	(118.73)	-54%	117.0	85%
Bridge Preservation	7.4	4.80	51.6	70.5	(18.90)	-27%	70.0	74%
Undeclared Disasters	20.6	-	86.7	-	86.66		93.7	92%
FEMA	(11.2)	2.61	19.6	60.8	(41.23)	-68%	50.0	39%
Total Expenditures	178.61	90.31	1,142.12	1,382.23	(240.11)	-17%	1,338.00	85%

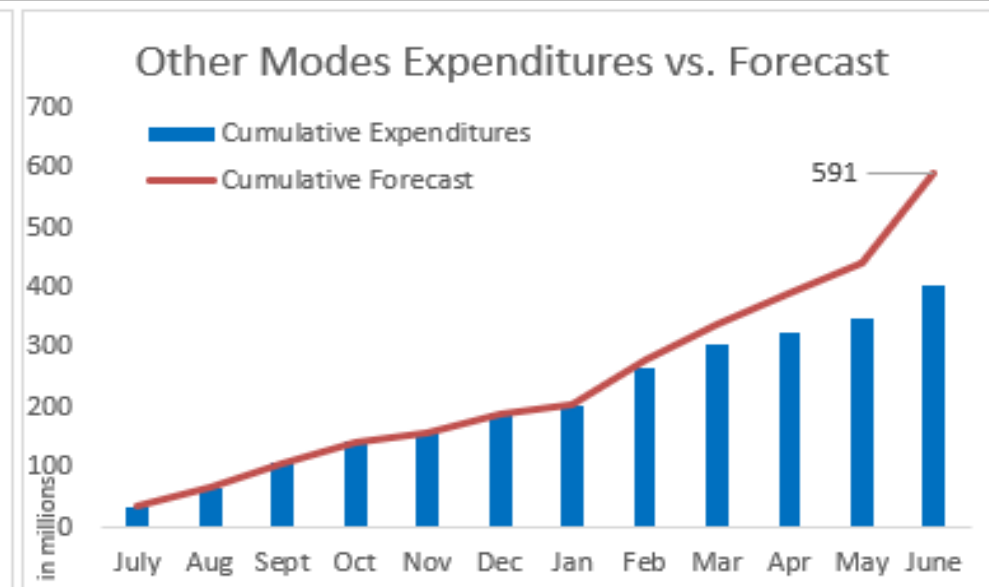
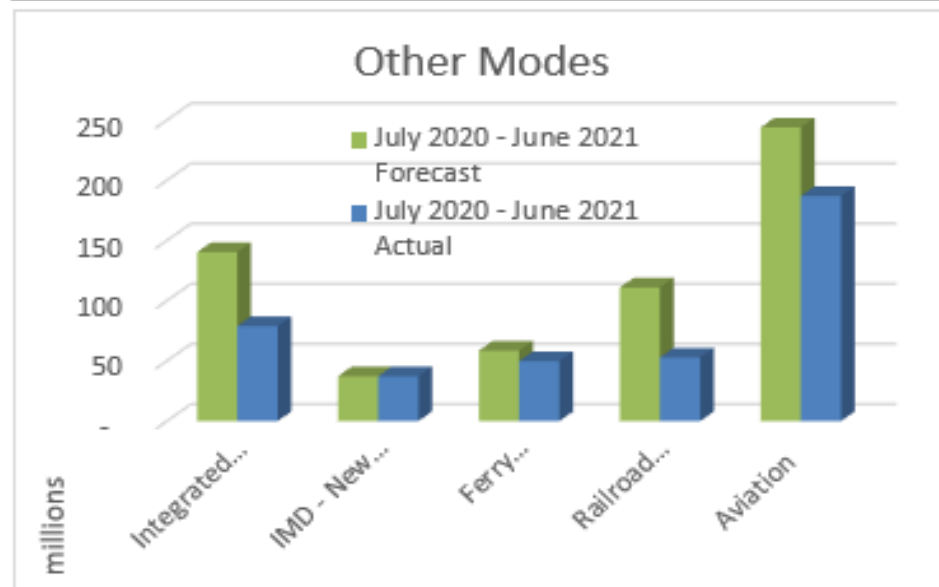
* Spend Plan Approved on 3/4/2020



Other Modes Expenditure Summary June 2021

(in millions)

Modal Expenditures	June 2021	June 2020	2020-2021 Actual Expenditure	2019-2020 Actual Expenditure	\$ Δ	% Δ	2020-2021 Spend Plan*	%
Integrated Mobility Division	7.7	3.8	78.9	105.2	(26.3)	-25%	140.3	56%
IMD - New Starts	-	-	37.3	-	37.3		37.3	100%
Ferry Operations	5.3	5.7	49.8	57.2	(7.4)	-13%	58.5	85%
Railroad Program	18.8	4.4	52.8	37.4	15.4	41%	111.0	48%
Aviation	25.4	23.1	186.9	121.0	65.9	54%	244.0	77%
Total Modal Expenditure	\$57.2	\$37.0	\$405.6	\$320.7	\$84.9	26%	\$591.0	69%



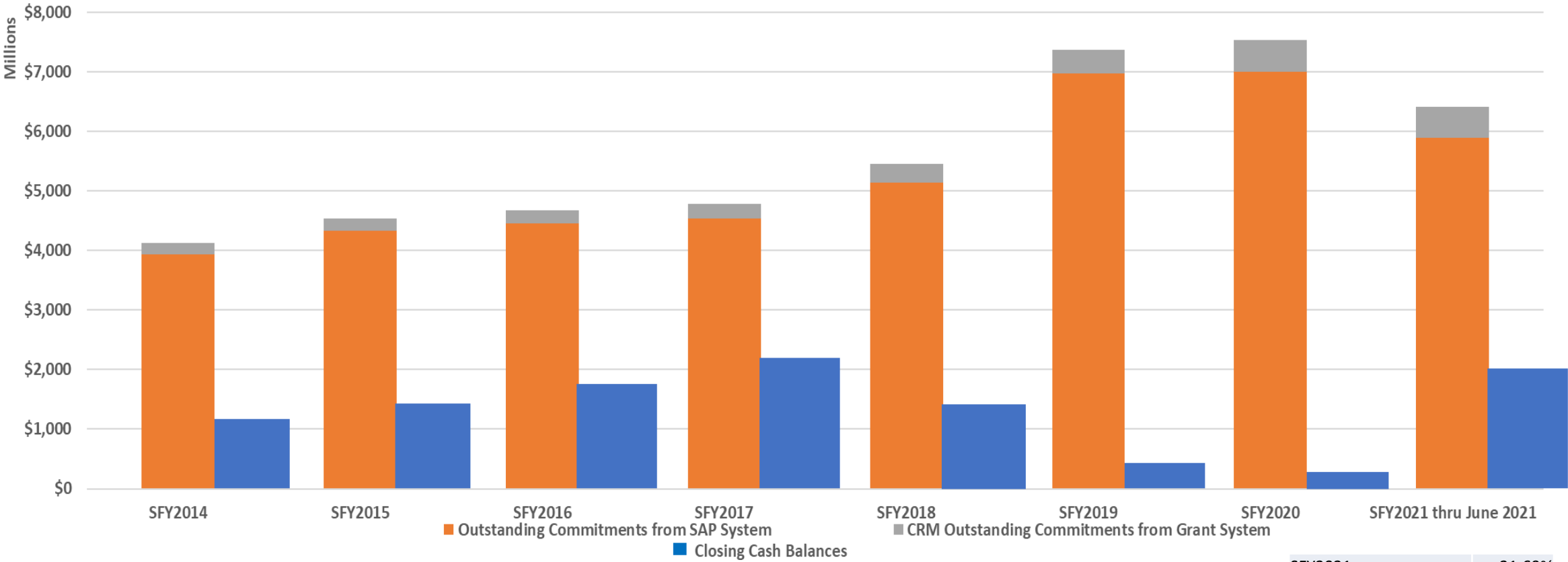
Financial Update

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

	Month over Month		Year to Date		
	June 2021	June 2020	YTD 2021	YTD 2020	\$ Change
<u>Highway Fund & Highway Trust Fund</u>					
Collections	\$ 562	\$ 444	\$ 6,740	\$ 5,669	\$ 1,072
Expenditures	<u>571</u>	<u>514</u>	<u>5,084</u>	<u>6,031</u>	<u>(947)</u>
Net Change	\$ (9)	\$ (70)	\$ 1,656	\$ (363)	\$ 2,019
Cash Balances:			June 2021	June 2020	
Highway Trust Fund			\$ 812	\$ 148	
Highway Fund*			<u>1,201</u>	<u>117</u>	
Totals			<u>\$ 2,013</u>	<u>\$ 266</u>	

*Excludes bond proceeds held by Trustee

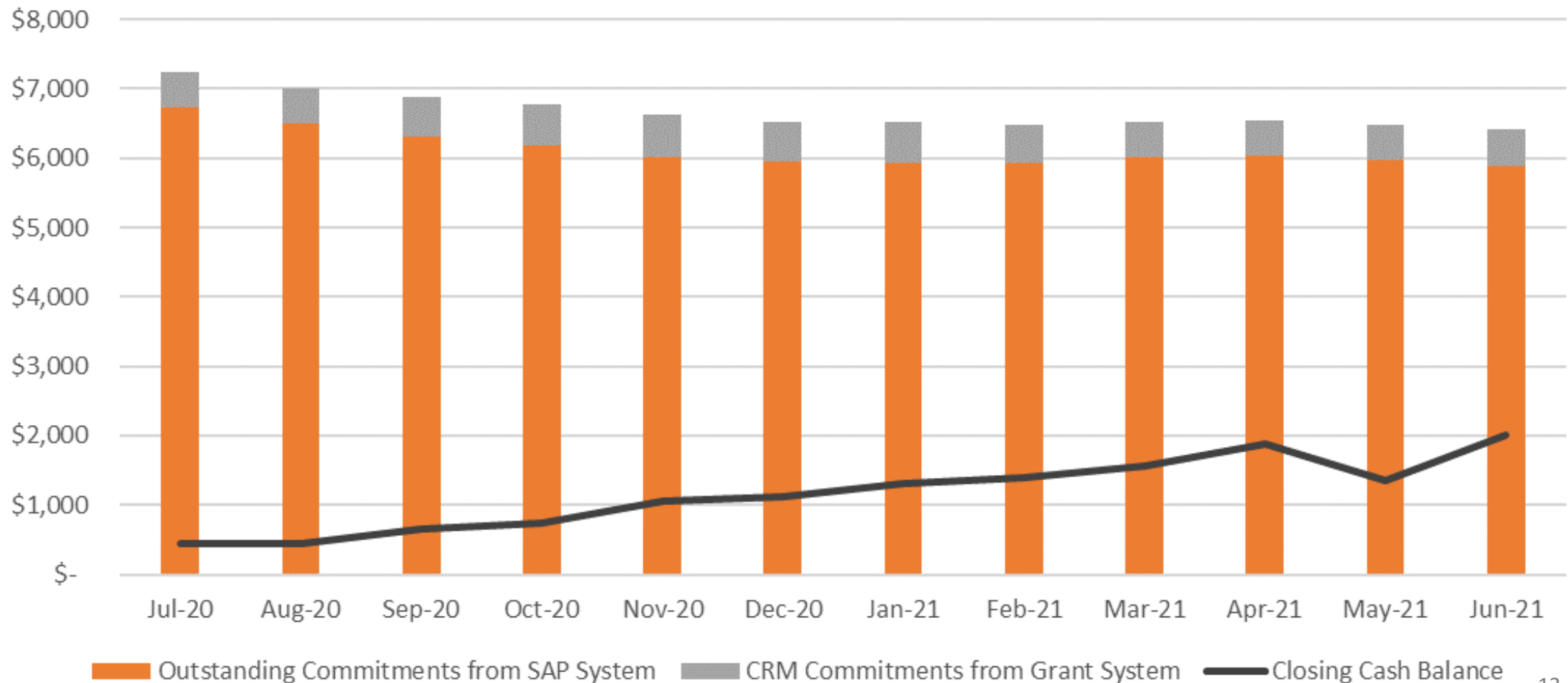
NCDOT Outstanding Commitments & Closing Cash Balances by State Fiscal Year



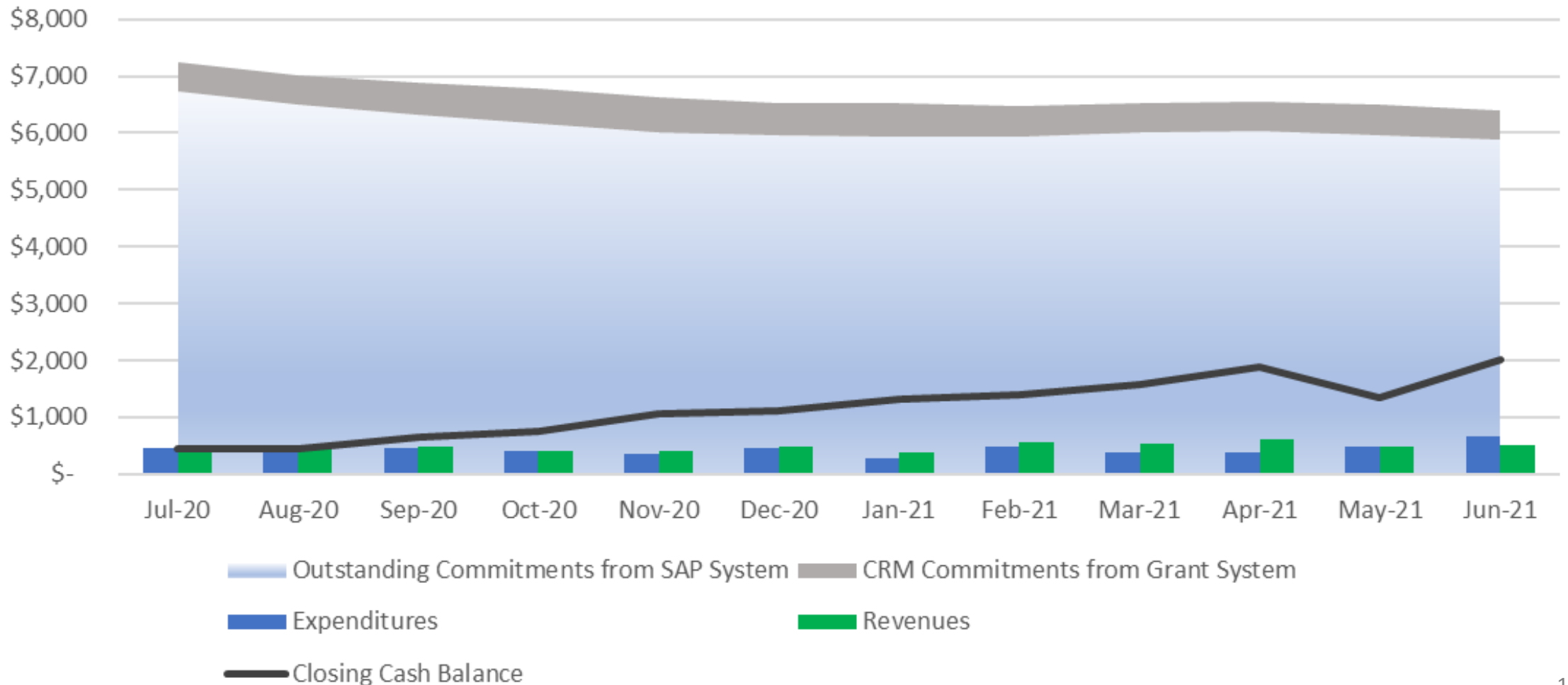
SFY 2021 Commitments
Contract/Agreement Origination Dates

SFY2021	21.69%
SFY2020	31.96%
SFY2019	30.63%
SFY2018	8.16%
SFY2017 & Prior Years	7.56%

NCDOT Outstanding Commitments & Closing Cash Balances by Month



NCDOT Outstanding Commitments & Closing Cash Balances by Month



Cash Reporting

Joint Legislative Transportation Oversight Committee

June 2021 – Reporting Required

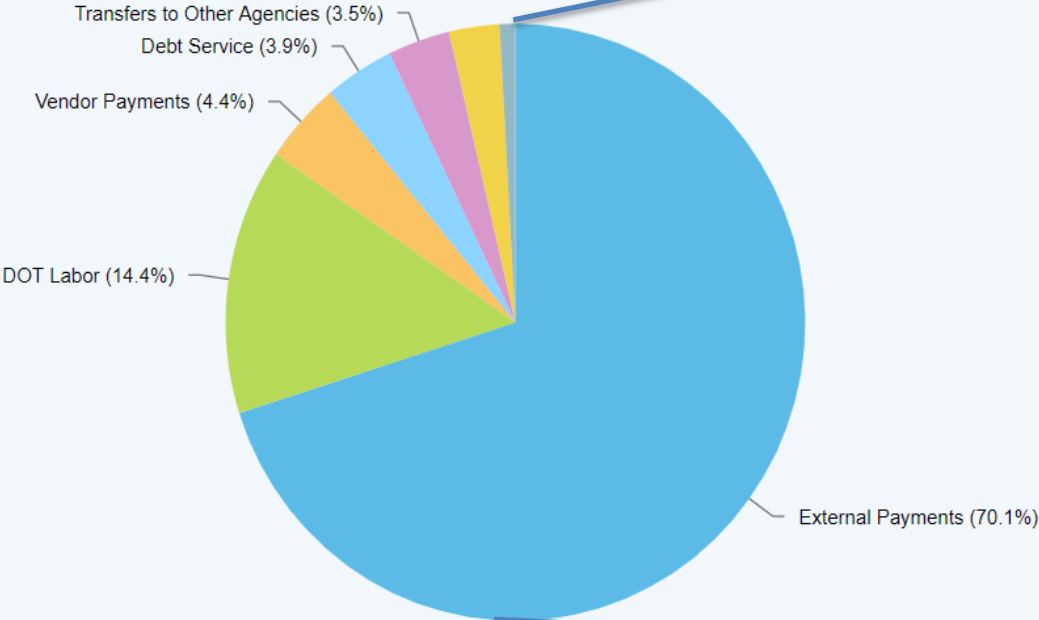
- N.C.G.S 143C-6-11(m) requires DOT to report each month when the department's combined average daily cash balance for the month is outside of the statutory target range.
- For June 2021, the **average daily cash balance** of the Highway Fund and the Highway Trust Fund was \$1.90 billion.
- The cash 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 June was \$2.0 billion which is above the target range and above the minimum cash balance requirement of \$267 million under N.C.G.S. 143C-6-11.

NCDOT Expenditures

SFY2021 as of June 30, 2021

NCDOT Expenditures (\$M)

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



NCDOT External Payments (%)

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



2020-21

Certified Budget vs HB77 - Highway Fund Appropriations			G.S. 136-44.2 (f1) (1-4)		G.S. 136-16.10		APPROVED 3/4/21								
2020-21	Certified 2021 Budget	SL 2019-251 Section 1.3 (e)	Credit Balance Legislation	FY20 Overdrafts Accounted By FY21 Approp Authority	State Carry Forward Authority	Federal Carry Forward	State Spend Plan	Federal Spend Plan	Total Spend Plan	State Total Spent thru 6/30/21	Federal Total Spent thru 6/30/21	Total Spent thru 6/30/21	Difference \$	Diff. %	
									*Includes Federal \$						
DOT-General Administration	\$ 100,417,649			-	-	-	\$ 81,160,239		\$ 81,160,239	\$ 100,822,532		\$ 100,822,532	\$ 19,662,293	24%	
Highway Division Administration	31,063,109			-	-	-	32,198,043		32,198,043	30,430,316		30,430,316	(1,767,727)	-5%	
Total Admin	\$ 131,480,758			\$ -	\$ -	\$ -	\$ 113,358,282	\$ -	\$ 113,358,282	\$ 131,252,848	\$ -	\$ 131,252,848	\$ 17,894,566	16%	
Construction Program															
State Secondary System	3,500,000		(3,551,188)	41,347	60,887,669	-	10,000,000		10,000,000	4,966,996		4,966,996	* (5,033,004)	-50%	
Spot Safety Improvements	12,100,000		-	684,489	32,831,835	-	30,000,000		30,000,000	5,879,537		5,879,537	(24,120,463)	-80%	
Contingency Funds	12,000,000		(206,042)	1,993,993	40,834,385	-	30,000,000		30,000,000	4,746,279		4,746,279	(25,253,721)	-84%	
Mobility Modernization	1,500,000		(805,685)	3,250,315	79,508,201	-	30,000,000		30,000,000	15,231,936		15,231,936	(14,768,064)	-49%	
Total Construction Program	\$ 29,100,000		(4,562,915)	5,970,144	215,084,824	-	\$ 100,000,000	\$ -	\$ 100,000,000	\$ 30,824,747	\$ -	\$ 30,824,747	\$ (69,175,253)	-69%	
Maintenance Program															
General Maintenance Reserve	517,382,234	43,731,212	(159,520)	92,864,148	57,863,938	-	545,000,000		545,000,000	476,045,316		476,045,316	(68,954,684)	-13%	
Contract Resurfacing	558,674,899	(15,082,953)	(8,323,495)	51,200,639	264,861,435	-	326,000,000		326,000,000	317,001,857		317,001,857	(8,998,143)	-3%	
Bridge Program	273,967,830	(8,152,492)	(50,771,568)	45,196,031	321,145,602	-	117,000,000		117,000,000	99,893,690		99,893,690	(17,106,310)	-15%	
Bridge Preservation	69,899,551	(2,454,342)	(7,425,284)	39,979,697	26,489,476	-	70,000,000		70,000,000	51,588,851		51,588,851	(18,411,149)	-26%	
Roadside Environmental	101,328,653	(3,020,761)	(5,921,160)	15,157,847	19,496,408	-	120,000,000		120,000,000	112,388,286		112,388,286	(7,611,714)	-6%	
Pavement Preservation	85,358,348	(2,915,193)	(8,804,236)	10,645,386	80,811,830	-	60,000,000		60,000,000	54,245,090		54,245,090	(5,754,910)	-10%	
Total Maintenance Program	\$ 1,806,611,515	\$ 12,105,471	(81,405,263)	255,043,747	770,668,688	-	\$ 1,238,000,000	\$ -	\$ 1,238,000,000	\$ 1,111,163,089	\$ -	\$ 1,111,163,089	\$ (126,836,911)	-10%	
Ferry Operations	50,879,026	(1,367,724)		8,160,815	9,489,427	175,244	58,450,000		58,450,000	50,303,699	57,185	50,360,884	(8,089,116)	-14%	
State Aid to Municipalities	137,079,699	(4,397,199)		-	461,641	-	132,682,500		132,682,500	132,618,463		132,618,463	(64,037)	0%	
State Aid to Railroads	36,147,269	(1,190,144)	(269,822)	13,264	78,606,425	6,709,526	74,991,625	35,562,263	110,553,888	52,135,874	898,014	53,033,889	** (57,519,999)	-52%	
Integrated Mobility Division	18,200,464	(2,558,917)	(410,432)	2,816	74,661,763	80,634,929	55,940,177	120,898,274	176,838,451	45,856,319	70,366,505	116,222,824	(60,615,627)	-34%	
Airports	132,264,528	(2,591,487)	(16,068,155)	6,076	155,566,183	33,413,351	199,084,810	45,000,000	244,084,810	165,585,414	22,104,170	187,689,584	(56,395,226)	-23%	
Bike/Ped	761,549			5,824	1,079,342	7,975,429	761,549		761,549	606,206		606,206	(155,343)	-20%	
OSHA Program	358,030			1,596	432,225	-	358,030		358,030	200,667		200,667	(157,363)	-44%	
Governor's Highway Safety Program	267,914			-	399,293	35,489,001	267,914	13,532,086	13,800,000	334,761	13,139,262	13,474,023	(325,977)	-2%	
Division of Motor Vehicles	142,602,058			-	-	-	135,000,000		135,000,000	133,306,207		133,306,207	(1,693,793)	-1%	
Capital Improvements				2,350,945	36,126,405	-	4,500,000		4,500,000	2,754,917		2,754,917	*** (1,745,083)	-39%	
Performance Energy Debt				-	-	-	-		-	373,069		373,069			
Non-System Streets				-	-	-	-		-	2,159,706		2,159,706	2,159,706		
MCSAP/DMV Grants	2,161,172			-	2,463,601	18,746,340	2,161,172		2,161,172	1,023,278	(312,076)	711,202	(1,449,970)	-67%	
N.C.G.S 147-86.15 Cash Management												390,000,000			
Total Misc	520,721,709	(12,105,471)	(16,748,409)	10,541,336	359,286,306	183,143,820	664,197,777	214,992,623	879,190,400	587,258,580	106,253,062	1,083,511,642	\$ 204,321,242	23%	

Certified Budget vs HB77 - Highway Fund Appropriations		G.S. 136-44.2 (f1) (1-4)		G.S. 136-16.10				APPROVED 3/4/21							
2020-21	Certified 2021 Budget	SL 2019-251 Section 1.3 (e)	Credit Balance Legislation	FY20 Overdrafts Accounted By FY21 Approp Authority	State Carry Forward Authority	Federal Carry Forward	State Spend Plan	Federal Spend Plan	Total Spend Plan	State Total Spent thru 6/30/21	Federal Total Spent thru 6/30/21	Total Spent thru 6/30/21	Difference \$	Diff. %	
Transfers to Other State Agencies				-	-	-	5,539,856		5,539,856	5,787,094		5,787,094	247,238	4%	
Agriculture	5,539,856			-	-	-	5,539,856		5,539,856	5,787,094		5,787,094	247,238	4%	
Revenue	5,415,158			-	-	-	5,415,158		5,415,158	4,670,475		4,670,475	(744,683)	-14%	
OSC-BEST	525,408			-	-	-	525,408		525,408	557,420		557,420	32,012	6%	
State Ports Authority	5,500,000			-	-	-	5,500,000		5,500,000	5,500,000		5,500,000	-	0%	
State Ethics Commission	56,816			-	-	-	56,816		56,816	61,248		61,248	4,432	8%	
OSBM-Oversight Manager										42,747		42,747			
DHHS - Chemical Test	581,675			-	-	-	581,675		581,675	581,675		581,675	-	0%	
Total Transfers to Other State Agencies	\$ 17,618,913			-	-	-	\$ 17,618,913	\$ -	\$ 17,618,913	\$ 17,200,659	\$ -	\$ 17,200,659	\$ (418,254)	-2%	
Reserves													-		
Minority Contractor Development	150,000			-	150,000	-	150,000		150,000				(150,000)	-100%	
State Fire Protection Grant	158,000			-	-	-	158,000		158,000	158,000		158,000	-	0%	
Stormwater Discharge Permit	500,000			-	2,334,427	-	500,000		500,000				(500,000)	-100%	
Global Transpark	750,000			-	-	-	750,000		750,000	862,833		862,833	112,833	15%	
Admin Reduction	(581,441)			-	-	-	(581,441)		(581,441)				581,441	-100%	
Salary Adjustment Fund	832,422			-	-	-	832,422		832,422				(832,422)	-100%	
Reserve for Call Center Consolidations	556,074			-	-	-	556,074		556,074				(556,074)	-100%	
Reserve for Legislative Increase	11,034,210			-	-	-	11,034,210		11,034,210				(11,034,210)	-100%	
Reserve for State Health Plan	3,411,891			-	-	-	3,411,891		3,411,891				(3,411,891)	-100%	
Short Term Disability	171,184			-	-	-	171,184		171,184				(171,184)	-100%	
Employer's Contribution to Retirement	10,884,765			-	-	-	10,884,765		10,884,765				(10,884,765)	-100%	
Total Reserves	\$ 27,867,105			-	2,484,427	-	\$ 27,867,105	\$ -	\$ 27,867,105	\$ 35,371,783		\$ 35,371,783	\$ 7,504,678	27%	
Total Current Operations	2,333,400,000			271,555,228	1,347,524,244	183,143,820	2,161,042,077	214,992,623	2,376,034,700	1,913,071,707	106,253,062	2,409,324,768	33,290,068		
Total Highway Fund Appropriation	\$ 2,333,400,000		\$ (102,716,587)	\$ 271,555,228	\$ 1,347,524,244	\$ 183,143,820	\$ 2,161,042,077	\$ 214,992,623	\$ 2,376,034,700	\$ 1,913,071,707	\$ 106,253,062	\$ 2,409,324,768	\$ 33,290,068		

Certified Budget vs HB77 -Highway Trust Fund Appropriation

2020-21

			G.S. 136-186 (f)											
	Certified 2021	SL 2019-251	Credit	FY20 Overdrafts	State	Federal				State	Federal			
	Budget	Section 1.3 (e)	Balance	Funded By	Carry	Carry	State	Federal	Total	Total Spent	Total Spent	Total Spent	Difference	Difference
			Legislation	FY21 Dollars	Forward	Forward	Spend Plan	Spend Plan	Spend Plan	thru 6/30/21	thru 6/30/21	thru 6/30/21	\$	%
Program Administration	\$ 35,626,560		(3,981,400)	-	3,981,400	-	\$ 35,626,560		35,626,560	33,637,353		\$ 33,637,353	\$ (1,989,207)	-6%
Bond Redemption	27,690,000			-	-	-	27,690,000		27,690,000	40,745,000		40,745,000	13,055,000	47%
Bond Interest	29,134,500			-	-	-	29,134,500		29,134,500	28,511,614		28,511,614	(622,886)	-2%
Turnpike Authority	49,000,000			-	15,000,000	-	49,000,000		49,000,000	49,000,000		49,000,000	-	0%
State Ports Authority	45,000,000			-	-	-	45,000,000		45,000,000	45,000,000		45,000,000	-	0%
FHWA State Match	4,640,000			-	-	-	4,640,000		4,640,000	66,048,357		66,048,357	61,408,357	1323%
Transfer to Visitor Center	400,000			-	-	-	400,000		400,000	400,000		400,000	-	0%
Strategic Prioritization & Other Capital Programs	1,039,408,940		(51,260,348)	327,240,973	3,915,591,626	-	1,039,408,940	2,257,210,271	3,296,619,211	1,628,807,538	1,172,880,374	2,801,687,912	**** (494,931,299)	-15%
N.C.G.S 147-86.15 Cash Management												(390,000,000)		
Total Trust Fund Appropriation	\$1,230,900,000		\$ (55,241,748)	\$ 327,240,973	\$ 3,930,591,626	\$ -	\$1,230,900,000	\$2,257,210,271	\$ 3,488,110,271	\$1,892,149,862	\$ 1,172,880,374	\$ 2,675,030,236	\$ (813,080,035)	
	\$3,564,300,000		\$ (157,958,335)	\$ 598,796,201	\$ 5,278,115,870	\$183,143,820	\$3,391,942,077	\$2,472,202,894	\$ 5,864,144,971	\$3,805,221,569	\$ 1,279,133,435	\$ 5,084,355,004	\$ (779,789,967)	
* Actuals for Secondary Construction from the Trust Fund are included														
** Actuals for Railroad Program from the Highway Trust Fund are included														
** Actuals for Capital Improvement from the Highway Trust Fund are included														
**** Capital Program includes both the Highway Trust Fund and FHWA Funds in the Highway Fund														

SFY 21 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 3/4/21	
	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	\$ 1,114	\$ 1,316	\$ 1,399	\$ 1,568	\$ 1,880	\$ 1,977			
REVENUES															
State revenues	\$ 409	\$ 329	\$ 349	\$ 324	\$ 305	\$ 335	\$ 321	\$ 304	\$ 356	\$ 372	\$ 347	\$ 389	\$ 4,141	\$ 4,029	112
Federal aid	68	131	116	81	90	100	48	221	145	209	111	103	1,421	1,430	(9)
Federal aid - InfraGrant	0	5	9	5	0	23	4	1	7	4	6	7	72	82	(10)
Turnpike Federal Aid	1	0	0	0	0	3	20	(1)	0	0	0	0	23	24	(1)
Other	11	15	29	16	12	24	8	19	15	13	11	18	190	240	(49)
	489	481	503	426	408	484	401	543	522	599	475	517	5,848	5,804	44
BOND PROCEEDS/GARVEE	3	40	26	23	55	29	8	3	14	78	8	10	296	\$ 288	9
BUILDNC REIMBURSEMENT FROM TRUSTEE	144	-	-	-	200	43	40	28	33	33	40	35	596	599	(3)
TOTAL REVENUES & OTHER RECEIPTS	\$ 636	\$ 521	\$ 529	\$ 448	\$ 663	\$ 556	\$ 450	\$ 574	\$ 569	\$ 710	\$ 523	\$ 562	\$ 6,740	\$ 6,692	49
CONSTRUCTION EXPENDITURES															
Garvee Expenditures	(32)	(35)	(31)	(31)	(77)	(41)	(16)	(22)	(12)	(107)	43	(36)	(398)	\$ (494)	96
Garvee Debt Service	-	(24)	-	-	0	-	(0)	(108)	-	-	-	-	(132)	(152)	20
Division of Mitigation Services (Formerly EEP)	(0)	(5)	(0)	(0)	(2)	(0)	(2)	(17)	1	26	(0)	(0)	0	(36)	36
BUILDNC Expenditures	(19)	(21)	(25)	(27)	(146)	(55)	(39)	(29)	(37)	(40)	(47)	(62)	(546)	(516)	(31)
BUILDNC Debt Service	-	-	-	-	(7)	-	-	-	-	-	(62)	-	(69)	(54)	(15)
Statagic Transportation Initiative	(126)	(76)	(85)	(117)	30	(78)	(56)	(108)	(75)	(157)	(120)	(96)	(1,066)	(781)	(285)
NC Mobility Fund	0	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	-	(0)	(0)	0	0	(0)
TIP	(76)	(95)	(78)	(54)	(6)	(59)	(64)	(17)	(70)	70	(89)	(88)	(627)	(1,163)	536
TIP - Infragrant	(0)	(12)	(7)	(5)	(12)	(18)	(5)	(4)	(5)	(5)	(8)	(9)	(90)	(99)	8
Turnpike Authority	(1)	(1)	(0)	(1)	(1)	(1)	(1)	(1)	(0)	(1)	(0)	(1)	(9)	(7)	(2)
Internal Orders	3	(1)	3	(5)	(6)	1	1	2	(14)	(8)	10	7	(8)	(9)	1
Congestion Mitigation & Air Quality (CMAQ)	(3)	(3)	(3)	(5)	(2)	(2)	(2)	(3)	(2)	(2)	1	(2)	(28)	(46)	18
Total Construction	\$ (254)	\$ (274)	\$ (226)	\$ (247)	\$ (229)	\$ (253)	\$ (183)	\$ (307)	\$ (216)	\$ (224)	\$ (274)	\$ (287)	\$ (2,972)	(3,355)	383

SFY 21 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 3/4/21	
MAINTENANCE EXPENDITURES															
Other Construction - Secondary Roads	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(1)	(1)	(1)	(1)	(5)	(10)	5
Other Construction - Spot Safety Improvements	(1)	(0)	(1)	(0)	(0)	(0)	(0)	(0)	(1)	(1)	(0)	(1)	(6)	(30)	24
Other Construction - Contingency	(0)	0	(1)	(0)	(0)	(0)	(0)	(1)	(1)	(0)	(1)	(1)	(5)	(30)	25
Other Construction - Mobility/Modernization	(1)	(1)	(3)	(1)	(1)	(2)	(1)	(1)	(1)	(1)	(2)	(2)	(15)	(30)	15
General Maintenance Reserve	(30)	(27)	(30)	(31)	(17)	(23)	(37)	(38)	(38)	(29)	(25)	(45)	(370)	(401)	31
Contract Resurfacing	(35)	(29)	(23)	(21)	(21)	(20)	(9)	(5)	(11)	(31)	(50)	(62)	(317)	(326)	9
Roadside Environmental	(7)	(7)	(7)	(7)	(7)	(7)	(5)	(5)	(9)	(10)	(14)	(29)	(112)	(120)	8
Pavement Preservation	(8)	(4)	(6)	(4)	(4)	(2)	(1)	(1)	(2)	(3)	(9)	(10)	(54)	(60)	6
Bridge Program	(12)	(10)	(9)	(7)	(8)	(11)	(5)	(6)	(6)	(7)	(9)	(11)	(100)	(117)	17
Bridge Preservation	(6)	(4)	(5)	(6)	(3)	(2)	(2)	(3)	(3)	(5)	(5)	(7)	(52)	(70)	18
Undeclared Disasters including Snow & Ice	-	-	-	(1)	(5)	(8)	(4)	(5)	(4)	(27)	(13)	(21)	(87)	(94)	7
Disaster Funding - FEMA	(2)	(5)	(3)	(5)	(6)	(5)	(4)	(5)	(6)	17	(8)	11	(20)	(50)	30
Total Maintenance	\$ (103)	\$ (86)	\$ (88)	\$ (83)	\$ (73)	\$ (79)	\$ (68)	\$ (69)	\$ (81)	\$ (99)	\$ (135)	\$ (179)	\$ (1,142)	(1,338)	196
OTHER MODES															
Public Transportation	\$ (9)	\$ (5)	\$ (4)	\$ (4)	\$ (6)	\$ (4)	\$ (5)	\$ (12)	\$ (6)	\$ (6)	\$ (10)	\$ (8)	\$ (79)	\$ (140)	61
Public Transportation-New Starts	-	-	-	-	-	-	-	(37)	-	-	-	-	(37)	(37)	0
Ferry Operations	(3)	(5)	(3)	(5)	(3)	(3)	(3)	(4)	(5)	(6)	(4)	(5)	(50)	(58)	9
Railroad program	(5)	(3)	(2)	(2)	(2)	(4)	(3)	(1)	(2)	(3)	(7)	(19)	(53)	(111)	58
Airports	(17)	(19)	(33)	(22)	(6)	(20)	(4)	(8)	(25)	(4)	(4)	(25)	(187)	(244)	57
Total Other Modes	\$ (34)	\$ (32)	\$ (42)	\$ (34)	\$ (17)	\$ (32)	\$ (14)	\$ (62)	\$ (38)	\$ (18)	\$ (25)	\$ (57)	\$ (406)	(591)	185
OTHER EXPENDITURES															
Administration	\$ (18)	\$ (23)	\$ (22)	\$ (26)	\$ (24)	\$ (22)	\$ (21)	\$ (22)	\$ (23)	\$ (26)	\$ (25)	\$ (47)	\$ (300)	\$ (309)	9
Transfers to Other State Agencies	(2)	(0)	(17)	(2)	(0)	(12)	(2)	(0)	(12)	(2)	(12)	(1)	(63)	(67)	4
Transfers to General Fund/NCTA/ER Fund	-	(12)	-	-	(12)	-	-	(12)	-	-	(12)	-	(49)	(49)	0
State aid to municipalities	-	-	(66)	-	(1)	(66)	-	-	-	-	-	-	(133)	(133)	0
Debt Service	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
Other Programs	(1)	(3)	(2)	(2)	(3)	(1)	(1)	(2)	(1)	(1)	(2)	(1)	(19)	(22)	3
Total Other Expenditures	\$ (21)	\$ (38)	\$ (107)	\$ (30)	\$ (40)	\$ (102)	\$ (25)	\$ (37)	\$ (35)	\$ (29)	\$ (51)	\$ (49)	\$ (564)	(580)	16
TOTAL EXPENDITURES	\$ (412)	\$ (430)	\$ (462)	\$ (394)	\$ (359)	\$ (465)	\$ (290)	\$ (475)	\$ (370)	\$ (370)	\$ (485)	\$ (571)	\$ (5,084)	\$ (5,864)	780
OTHER CHANGES IN CASH															
N.C.G.S 147-86.15 Cash Management															
Highway Fund			(50)	(20)			(30)	(30)	(45)	(30)	(95)	(90)	(390)		
Highway Trust Fund			50	20			30	30	45	30	95	90	390		
Total Cash Management Transfers	0	0	0	0	0	0	0	0	0	0	0	-	0		
Working capital changes	\$ (55)	\$ 92	\$ (28)	\$ 32	\$ 6	\$ (29)	\$ 42	\$ (16)	\$ (29)	\$ (28)	\$ 58	\$ 45			
	\$ (55)	\$ 92	\$ (28)	\$ 32	\$ 6	\$ (29)	\$ 42	\$ (16)	\$ (29)	\$ (28)	\$ 58	\$ 45			
NET CHANGE IN CASH	\$ 168	\$ 183	\$ 39	\$ 87	\$ 310	\$ 61	\$ 201	\$ 83	\$ 170	\$ 312	\$ 97	\$ 36			
CLOSING CASH BALANCE	\$ 434	\$ 617	\$ 656	\$ 743	\$ 1,053	\$ 1,114	\$ 1,316	\$ 1,399	\$ 1,568	\$ 1,880	\$ 1,977	\$ 2,013			

Actual Expenditures Compared to Spend Plan

	DESCRIPTION	SPEND PLAN AMEND. 2 3/4/21	Expenditures as of 6/30/21	% of SFY 2021 Approved Spend Plan
CONSTRUCTION	Garvee Expenditures	494.07	397.98	81%
	Garvee Debt Service	151.59	131.59	87%
	Division of Mitigation Services	35.75	(0.34)	-1%
	BUILDNC Expenditures	413.54	546.34	132%
	BUILDNC Debt Service	54.42	69.26	127%
	Strategic Transportation Initiative	882.75	1,065.68	121%
	NC Mobility Fund	(0.25)	(0.25)	100%
	TIP	1,162.58	626.72	54%
	TIP - Infragant	98.61	90.44	92%
	Turnpike Authority	6.75	8.70	129%
	Internal Orders	9.20	8.31	90%
	CMAQ	46.01	27.95	61%
	Total Construction	3,355.02	2,972.38	89%
MAINTENANCE & OPERATION	OC - Secondary Roads	10.00	5.10	51%
	OC - Spot Safety Improvements	30.00	5.88	20%
	OC - Contingency	30.00	4.75	16%
	OC - Mobility/Modernization	30.00	15.23	51%
	General Maintenance Reserve	401.30	369.81	92%
	Contract Resurfacing	326.00	317.00	97%
	Roadside Environmental	120.00	112.39	94%
	Pavement Preservation	60.00	54.25	90%
	Bridge Program	117.00	99.89	85%
	Bridge Preservation	70.00	51.59	74%
	Undeclared Disaster	93.70	86.66	92%
	Disaster Funding - FEMA	50.00	19.57	39%
	Total Maintenance	1,338.00	1,142.12	85%
MODES	IMD	140.32	78.88	56%
	IMD - New Starts	37.30	37.26	100%
	Ferry Operations	58.48	49.78	85%
	Railroad program	110.95	52.79	48%
	Airports	243.95	186.89	77%
	Total Other Modes	591.00	405.61	69%
ADMIN & OTHER	Administration	309.15	300.05	97%
	Transfers to Other State Agencies	67.46	63.22	94%
	Transfers to GF/NCTA - GAP Fund	49.00	49.00	100%
	State aid to municipalities	132.62	132.62	100%
	Debt Service	-	-	
	Other Programs	21.89	19.36	88%
	Total Other	580.13	564.25	97%
	TOTAL	5,864.14	5,084.36	87%

Approved Spend Plan Versus Actuals July 2020 – June 2021

	3/4/21 Approved Spend Plan Forecast					Actuals					% Δ	\$ Δ
	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	YTD	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	YTD	YTD	YTD
	SFY2021	SFY2021	SFY2021	SFY2021	SFY2021	SFY2021	SFY2021	SFY2021	SFY2021	SFY2021	SFY2021	SFY2021
OPENING CASH BALANCE	\$ 266	\$ 656	\$ 1,114	\$ 1,420		\$ 266	\$ 656	\$ 1,114	\$ 1,568			
REVENUES												
State revenues	1,087	965	979	\$ 998	4,029	1,087	965	981	1,108	4,141	3%	\$ 112
Federal aid	315	270	444	402	1,430	315	270	414	423	1,421	-1%	(9)
Federal aid - InfraGrant	15	28	27	11	82	15	28	12	17	72	-12%	(10)
Turnpike Federal Aid	2	3	20	-	24	2	3	19	0	23	-3%	(1)
Other	55	52	64	69	240	55	52	42	42	190	-21%	(49)
	1,473	1,317	1,534	1,480	5,804	1,473	1,317	1,466	1,591	5,848	1%	43
GARVEE REIMBURSEMENT FROM TRUSTEE	69	107	40	72	288	69	107	24	96	296	3%	9
BUILDNC REIMBURSEMENT FROM TRUSTEE	144	243	106	106	599	144	243	101	108	596	-1%	(3)
TOTAL REVENUES & OTHER RECEIPTS	\$ 1,686	\$ 1,667	\$ 1,680	\$ 1,658	\$ 6,692	\$ 1,686	\$ 1,667	\$ 1,592	\$ 1,795	\$ 6,740	0.73%	\$ 49
CONSTRUCTION EXPENDITURES												
Garvee Expenditures	(99)	(149)	(82)	(165)	(494)	(99)	(149)	(50)	(100)	(398)	-19%	96
Garvee Debt Service	(24)	0	(128)	-	(152)	(24)	0	(108)	-	(132)	-13%	20
Division of Mitigation Services (Formerly EEP)	(6)	(2)	(14)	(14)	(36)	(6)	(2)	(18)	26	0	-101%	36
BUILDNC Expenditures	(65)	(228)	(103)	(120)	(516)	(64)	(228)	(106)	(148)	(546)	6%	(31)
BUILDNC Debt Service	-	(7)	-	(48)	(54)	-	(7)	-	(62)	(69)		(15)
Strategic Transportation Initiative	(352)	(192)	(155)	(173)	(873)	(288)	(165)	(239)	(374)	(1,066)	22%	(193)
NC Mobility Fund	0	(0)	(0)	-	0	0	(0)	(0)	(0)	0	0%	(0)
TIP	(184)	(92)	(325)	(469)	(1,071)	(249)	(119)	(152)	(107)	(627)	-41%	444
TIP - Infragant	(19)	(36)	(19)	(25)	(99)	(19)	(36)	(14)	(22)	(90)	-8%	8
Turnpike Authority	(2)	(3)	(1)	(0)	(7)	(2)	(3)	(2)	(1)	(9)	29%	(2)
Internal Orders	5	(11)	(1)	(3)	(9)	5	(11)	(11)	8	(8)	-10%	1
CMAQ	(9)	(10)	(8)	(20)	(46)	(9)	(10)	(7)	(3)	(28)	-39%	18
Total Construction	\$ (754)	\$ (729)	\$ (836)	\$ (1,037)	\$ (3,355)	\$ (754)	\$ (729)	\$ (706)	\$ (784)	\$ (2,972)	-11%	\$ 383

YTD Variance – 10%-20% Highlighted in Orange

20%+ Highlighted in Red

Approved Spend Plan Versus Actuals July – June 2021

Source: FPG/Baseline Forecast/Cash Model SFY2021 Amendment 2, Appendix A

	3/4/21 Approved Spend Plan Forecast					Actuals					% Δ	\$ Δ
	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	YTD	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	YTD	YTD	YTD
	SFY2021	SFY2021	SFY2021	SFY2021	SFY2021	SFY2021	SFY2021	SFY2021	SFY2021	SFY2021	SFY2021	SFY2021
MAINTENANCE EXPENDITURES												
Other Construction - Secondary Roads	(1)	(0)	(4)	(5)	(10)	(1)	(0)	(1)	(3)	(5)	-49%	\$ 5
Other Construction - Spot Safety Improvements	(2)	(1)	(11)	(16)	(30)	(2)	(1)	(1)	(2)	(6)	-80%	\$ 24
Other Construction - Contingency	(1)	(1)	(12)	(17)	(30)	(1)	(1)	(2)	(2)	(5)	-84%	\$ 25
Other Construction - Mobility/Modernization	(5)	(3)	(10)	(13)	(30)	(5)	(3)	(3)	(5)	(15)	-49%	\$ 15
General Maintenance Reserve	(87)	(72)	(113)	(130)	(402)	(87)	(71)	(112)	(99)	(370)	-8%	\$ 32
Contract Resurfacing	(87)	(62)	(35)	(141)	(326)	(87)	(62)	(25)	(143)	(317)	-3%	\$ 9
Roadside Environmental	(21)	(21)	(32)	(47)	(120)	(21)	(21)	(18)	(52)	(112)	-6%	\$ 8
Pavement Preservation	(18)	(10)	(12)	(20)	(60)	(18)	(10)	(4)	(23)	(54)	-10%	\$ 6
Bridge Program	(31)	(26)	(25)	(35)	(117)	(31)	(26)	(17)	(27)	(100)	-15%	\$ 17
Bridge Preservation	(15)	(11)	(17)	(26)	(70)	(15)	(11)	(8)	(17)	(52)	-26%	\$ 18
Undeclared Disaster Funding Including Snow and Ice	-	(13)	(32)	(48)	(93)	-	(13)	(13)	(60)	(87)	-7%	\$ 6
Disaster Funding - FEMA	(10)	(15)	(12)	(13)	(50)	(10)	(15)	(15)	20	(20)	-61%	\$ 30
Total Maintenance	\$ (277)	\$ (235)	\$ (315)	\$ (511)	\$ (1,338)	\$ (277)	\$ (235)	\$ (218)	\$ (413)	\$ (1,142)	-15%	\$ 196
OTHER MODES												
Public Transportation	(18)	(14)	(41)	(67)	(140)	(18)	(14)	(23)	(24)	(79)	-44%	\$ 61
Public Transportation - New Starts	-	-	(37)	-	(37)	-	0	(37)	-	(37)	0%	\$ 0
Ferry Operations	(11)	(12)	(13)	(22)	(58)	(11)	(12)	(12)	(15)	(50)	-15%	\$ 9
Railroad program	(10)	(8)	(20)	(72)	(111)	(10)	(8)	(6)	(29)	(53)	-52%	\$ 58
Airports	(69)	(48)	(37)	(89)	(244)	(69)	(48)	(36)	(33)	(187)	-23%	\$ 57
Total Other Modes	\$ (108)	\$ (83)	\$ (149)	\$ (251)	\$ (591)	\$ (108)	\$ (83)	\$ (114)	\$ (101)	\$ (406)	-31%	\$ 185
OTHER EXPENDITURES												
Administration	(63)	(73)	(82)	(92)	(309)	(63)	(73)	(66)	(99)	(300)	-3%	\$ 9
Transfers to Other State Agencies	(19)	(14)	(18)	(16)	(67)	(19)	(14)	(14)	(15)	(63)	-6%	\$ 4
Transfers to General Fund/NCTA - GAP Funds	(12)	(12)	(12)	(12)	(49)	(12)	(12)	(12)	(12)	(49)	0%	-
State aid to municipalities	(66)	(67)	-	-	(133)	(66)	(67)	-	-	(133)	0%	-
Debt Service	-	-	-	-	-	-	-	-	-	-	-	-
Other Programs	(6)	(5)	(4)	(6)	(22)	(6)	(5)	(4)	(3)	(19)	-12%	\$ 3
Total Other Expenditures	\$ (166)	\$ (172)	\$ (116)	\$ (126)	\$ (580)	\$ (166)	\$ (172)	\$ (97)	\$ (129)	\$ (564)	-3%	\$ 16
TOTAL EXPENDITURES	\$ (1,305)	\$ (1,218)	\$ (1,417)	\$ (1,925)	\$ (5,864)	\$ (1,305)	\$ (1,218)	\$ (1,135)	\$ (1,427)	\$ (5,084)	-13%	\$ 780
OTHER CHANGES IN CASH												
Working capital changes	\$ 9	\$ 9	\$ 42	\$ -	\$ 60	\$ 9	\$ 9	\$ (3)	\$ 76	\$ 91	52%	\$ 31
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9	\$ 9	\$ (3)	\$ 76	\$ 91		
NET CHANGE IN CASH	\$ 390	\$ 458	\$ 305	\$ (267)	\$ 887	\$ 390	\$ 458	\$ 454	\$ 445	\$ 1,747	97%	\$ 860
CLOSING CASH BALANCE	656	1,114	1,420	1,153		656	1,114	1,568	2,013			

YTD Variance – 10%-20% Highlighted in Orange

20%+ Highlighted in Red

Spend Plan Variance

- GARVEE Expenditures, Build NC Expenditures, TIP and STI -11% Variance (-\$316M). Project lettings were delayed during budget restrictions.
- Division of Mitigation Services (Formerly EEP) -101% Variance (-\$36M) and Strategic Transportation Initiative (STI) 22% Variance (\$193M). Expenses related to 2019 Mitigation Services has been transferred to STI WBS elements. The process has changed based on a work group analysis.

Spend Plan Variance

- Maintenance and Operations -15% Variance (-\$196M). Spend Plan Amendment #2 issued a realignment of expected cash outflows for SFY 2021. Payouts increased during the fourth quarter of SFY 2021, but some projected expenditures were moved into SFY 2022.
- Disaster Funding (FEMA) -61% Variance (-\$30M) and Undeclared Disasters -7% (-\$6M). 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

Modal Divisions – Includes both state and federal funding

- Integrated Mobility Division -44% Variance (-\$61M)
- Ferry Division -15% Variance (-\$9M)
- Rail Division -52% Variance (-\$58M)
- Aviation Division -23% Variance (-\$57M)

Focusing on only the state revenues and expenditures the rail and ferry divisions underspent their target by 14% each, IMD by 15% and aviation by 17%. Our underspend in state funds came primarily from the slow bounce back in transit and ferry ridership due to COVID lingering, lack of materials for construction projects due to supply chain challenges, difficulty filling our vacancies, the need to prioritize federal CARES spend down over state spend down, and our difficulty in ramping programs back up when given the green light midyear to turn them back on.

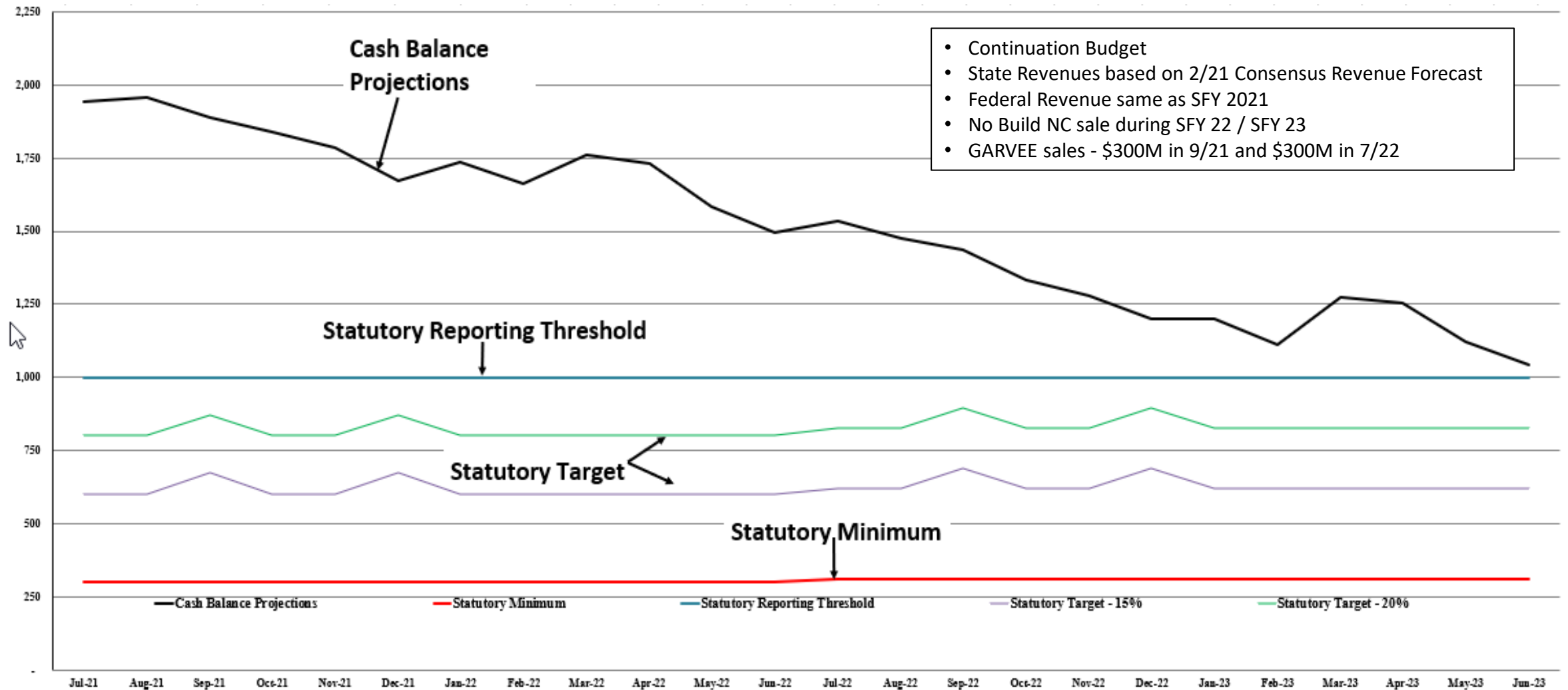
SFY 22 Approved Spend Plan Versus Adjusted Spend Plan

	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	SFY 2022	Approved 7/1/21	
	1	2	3	4	5	6	7	8	9	10	11	12	Adjusted Workplan	SFY 2022 Work Plan	Delta
OPENING CASH BALANCE	\$ 2,013	\$ 1,945	\$ 1,956	\$ 1,886	\$ 1,838	\$ 1,787	\$ 1,671	\$ 1,734	\$ 1,663	\$ 1,760	\$ 1,730	\$ 1,585			
REVENUES															
State revenues	\$ 341	\$ 356	\$ 342	\$ 332	\$ 323	\$ 307	\$ 342	\$ 331	\$ 325	\$ 340	\$ 332	\$ 345	\$ 4,016	\$ 4,016	0
Federal aid	60	93	131	63	73	66	71	138	208	90	86	121	1,201	1,201	0
Federal aid - InfraGrant	9	7	5	7	5	16	15	-	-	-	-	2	64	64	0
Turnpike Federal Aid	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
Other	16	16	17	15	12	14	19	16	15	20	18	64	242	242	0
	425	472	496	416	414	403	447	485	548	450	437	531	5,524	5,524	0
BOND PROCEEDS/GARVEE	24	96	15	70	32	16	12	14	16	20	19	18	352	\$ 206	147
BUILDNC REIMBURSEMENT FROM TRUSTEE	46	39	34	27	26	23	17	16	16	14	17	14	288	288	0
TOTAL REVENUES & OTHER RECEIPTS	\$ 495	\$ 607	\$ 545	\$ 513	\$ 472	\$ 442	\$ 475	\$ 515	\$ 580	\$ 484	\$ 473	\$ 564	\$ 6,165	\$ 6,017	147
CONSTRUCTION EXPENDITURES															
Garvee Expenditures	(58)	(60)	(60)	(64)	(63)	(51)	(49)	(58)	(73)	(77)	(86)	(83)	(783)	\$ (745)	(38)
Garvee Debt Service	-	(30)	-	-	-	-	-	(130)	-	-	-	-	(160)	(160)	0
Division of Mitigation Services (Formerly EEP)	(15)	-	-	(10)	-	-	(15)	-	-	(10)	-	-	(49)	(49)	0
BUILDNC Expenditures	(41)	(42)	(41)	(39)	(33)	(27)	(25)	(26)	(23)	(29)	(28)	(28)	(383)	(381)	(2)
BUILDNC Debt Service	-	-	-	(37)	-	-	-	-	-	-	(56)	-	(93)	(93)	0
Strategic Transportation Initiative	(56)	(73)	(60)	(67)	(81)	(85)	(71)	(69)	(76)	(85)	(88)	(93)	(905)	(943)	39
NC Mobility Fund	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
TIP	(100)	(107)	(99)	(102)	(102)	(94)	(63)	(114)	(91)	(92)	(99)	(107)	(1,170)	(1,176)	7
TIP - Infragrant	(7)	(5)	(7)	(5)	(16)	(23)	-	(6)	(8)	(7)	(9)	(10)	(101)	(101)	0
Turnpike Authority	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(2)	0
Internal Orders	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(12)	(12)	0
Congestion Mitigation & Air Quality (CMAQ)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(55)	(55)	0
Total Construction	\$ (282)	\$ (323)	\$ (272)	\$ (330)	\$ (301)	\$ (285)	\$ (229)	\$ (408)	\$ (276)	\$ (305)	\$ (372)	\$ (327)	\$ (3,712)	(3,717)	6

SFY 22 Approved Spend Plan Versus Adjusted Spend Plan

	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	SFY 2022	Approved 7/1/21	
MAINTENANCE EXPENDITURES															
Other Construction - Secondary Roads	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(12)	(12)	0
Other Construction - Spot Safety Improvements	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(15)	(15)	0
Other Construction - Contingency	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(12)	(12)	0
Other Construction - Mobility/Modernization	(4)	(4)	(3)	(4)	(4)	(3)	(2)	(4)	(3)	(3)	(4)	(4)	(41)	(41)	0
General Maintenance Reserve	(25)	(28)	(25)	(29)	(24)	(21)	(27)	(23)	(25)	(23)	(27)	(33)	(310)	(310)	0
Contract Resurfacing	(70)	(76)	(69)	(63)	(61)	(39)	(22)	(14)	(22)	(52)	(73)	(71)	(631)	(631)	0
Roadside Environmental	(8)	(9)	(8)	(9)	(7)	(7)	(8)	(7)	(8)	(7)	(8)	(10)	(96)	(96)	0
Pavement Preservation	(9)	(11)	(10)	(11)	(9)	(8)	(10)	(9)	(10)	(9)	(10)	(12)	(118)	(118)	0
Bridge Program	(26)	(30)	(27)	(31)	(26)	(22)	(29)	(24)	(27)	(25)	(28)	(35)	(330)	(330)	0
Bridge Preservation	(7)	(8)	(7)	(8)	(7)	(6)	(7)	(6)	(7)	(6)	(7)	(9)	(84)	(84)	0
Undeclared Disasters including Snow & Ice	(7)	(9)	(8)	(9)	(7)	(6)	(8)	(7)	(8)	(7)	(8)	(10)	(94)	(94)	0
Disaster Funding - FEMA	(5)	(6)	(5)	(6)	(5)	(5)	(6)	(5)	(5)	(5)	(6)	(7)	(67)	(67)	0
Total Maintenance	\$ (164)	\$ (184)	\$ (165)	\$ (172)	\$ (153)	\$ (119)	\$ (123)	\$ (103)	\$ (118)	\$ (140)	\$ (173)	\$ (195)	\$ (1,811)	(1,811)	0
OTHER MODES															
Public Transportation	(20)	(15)	(16)	(10)	(6)	(10)	(11)	(4)	(4)	(8)	(7)	(4)	\$ (115)	\$ (115)	0
Public Transportation-New Starts	(4)	(3)	(3)	(2)	(2)	(2)	(3)	(1)	(1)	(2)	(2)	(2)	(26)	(26)	0
Ferry Operations	(6)	(7)	(9)	(4)	(4)	(3)	(4)	(4)	(3)	(3)	(3)	(3)	(54)	(54)	0
Railroad program	(4)	(7)	(7)	(7)	(5)	(6)	(9)	(9)	(8)	(11)	(10)	(37)	(119)	(119)	0
Airports	(7)	(7)	(28)	(8)	(8)	(26)	(8)	(9)	(28)	(10)	(10)	(35)	(182)	(182)	0
Total Other Modes	\$ (41)	\$ (38)	\$ (62)	\$ (30)	\$ (25)	\$ (47)	\$ (35)	\$ (27)	\$ (45)	\$ (33)	\$ (32)	\$ (82)	\$ (495)	(495)	0
OTHER EXPENDITURES															
Administration	(13)	(37)	(25)	(27)	(31)	(16)	(24)	(34)	(28)	(34)	(28)	(33)	\$ (331)	\$ (331)	0
Transfers to Other State Agencies	-	-	(14)	-	-	(14)	-	-	(14)	-	-	(14)	(58)	(58)	0
Transfers to General Fund/NCTA/ER Fund	(61)	(12)	-	-	(12)	-	-	(12)	-	-	(12)	-	(110)	(110)	0
State aid to municipalities	-	-	(74)	-	-	(74)	-	-	-	-	-	-	(148)	(148)	0
Debt Service	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
Other Programs	(2)	(2)	(1)	(2)	(1)	(2)	(1)	(1)	(1)	(1)	(1)	(2)	(18)	(18)	0
Total Other Expenditures	\$ (76)	\$ (51)	\$ (115)	\$ (29)	\$ (44)	\$ (106)	\$ (25)	\$ (48)	\$ (44)	\$ (35)	\$ (42)	\$ (49)	\$ (664)	(664)	0
TOTAL EXPENDITURES	\$ (563)	\$ (595)	\$ (615)	\$ (562)	\$ (523)	\$ (557)	\$ (412)	\$ (586)	\$ (483)	\$ (514)	\$ (619)	\$ (653)	\$ (6,681)	\$ (6,687)	6
OTHER CHANGES IN CASH															
N.C.G.S 147-86.15 Cash Management															
Highway Fund	(100)	(30)	(30)	(20)	(20)	(20)	(20)	(15)	(15)						
Highway Trust Fund	100	30	30	20	20	20	20	15	15						
Total Cash Management Transfers	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			
Working capital changes	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			
NET CHANGE IN CASH	\$ (68)	\$ 11	\$ (70)	\$ (48)	\$ (51)	\$ (116)	\$ 63	\$ (71)	\$ 97	\$ (30)	\$ (145)	\$ (89)			
CLOSING CASH BALANCE	\$ 1,945	\$ 1,956	\$ 1,886	\$ 1,838	\$ 1,787	\$ 1,671	\$ 1,734	\$ 1,663	\$ 1,760	\$ 1,730	\$ 1,585	\$ 1,496			

24 Month Cash Forecast – SFY 22 / SFY 23 Spend Plan



Advance Construction

Funding Source	AC Amount - June 30, 2021	Allowable AC amount FY 2021***	Within Prescribed Limit?
National Highway Performance Program (NHPP)*	\$1,592,332,440	\$2,468,423,788	YES
Surface Transportation Block Grant (STBG)**	\$343,804,025	\$1,172,129,980	YES
Highway Safety Improvement Program (HSIP)	\$112,030,705	\$230,401,828	YES

*Includes Interstate Maintenance, National Highway System Program balances

**Includes bridge replacement balance

*** Allowable AC amount is 4 times FY 2021 apportionment

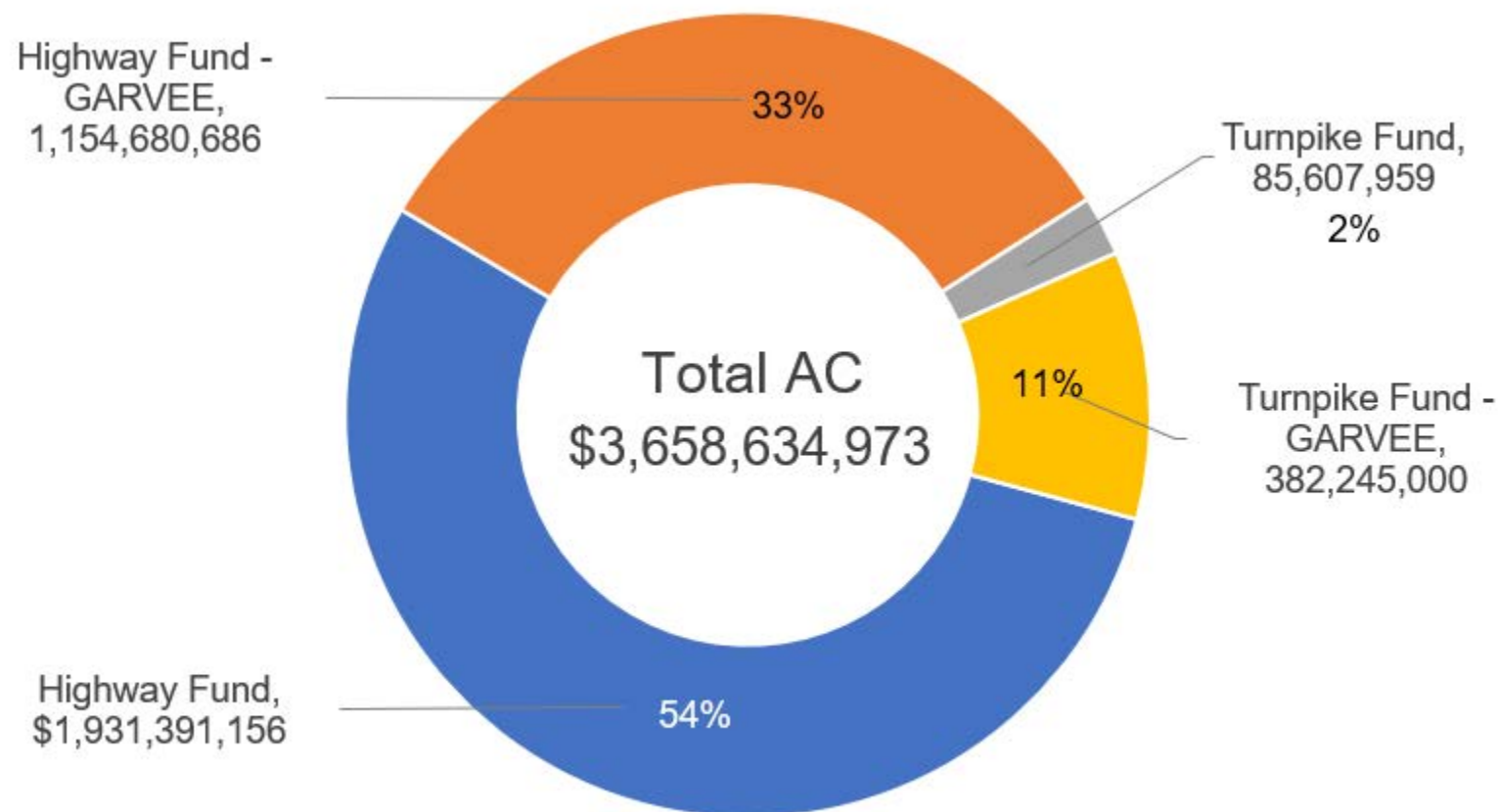
Advance Construction

Funding Source	Unreimbursed Expenditures as of July 23, 2021	Apportionment in FY 2021	Within Prescribed Limit?
National Highway Performance Program (NHPP)*	\$289,810,720	\$617,105,947	YES
Surface Transportation Block Grant (STBG)**	\$66,680,846	\$293,032,495	YES
Highway Safety Improvement Program (HSIP)	\$39,480,388	\$57,600,457	YES

*Includes Interstate Maintenance, National Highway System Program balances

**Includes bridge replacement balance

Advance Construction Balance as of June 2021



Questions?



Stephanie King
Chief Financial Officer

sjking@ncdot.gov



HIGHWAYS COMMITTEE MEETING MINUTES **DRAFT**

DATE: 6/30/2021 TIME: 3:30 PM LOCATION: Room 150 and Via Microsoft Teams

MEETING CALLED BY	Vice Chair Dirk Cody
BOARD ATTENDEES	Members Grady Hunt, Lisa Mathis, Hugh Overholt, Stephen Rosenburgh, and Andy Wells

AGENDA TOPICS

1. Call to Order, Roll Call, Declaration of Quorum, Non-Conflict Statement and Consideration of the June 9 th Meeting Minutes – Vice Chair Dirk Cody	
DISCUSSION SUMMARY	Vice Chair Cody called the meeting to order, and declared a quorum was present. Vice Chair Cody stated the meeting minutes were distributed prior to the meeting, and if there are no additions or corrections, the Chair would accept a motion that the minutes from the June 9 th meeting be approved as submitted.
ACTIONS TAKEN	Vice Chair Cody asked for a motion to approve the June 9, 2021, meeting minutes. Board Member Overholt made the motion to approve the minutes and Board Member Hunt provided the second. Members voted in favor of approving the minutes and the June 9, 2021, minutes were approved unanimously.
2. Looking Ahead to Automated Vehicles on North Carolina Highways, Dr. Joe Hummer, PE, State Traffic Management Engineer, NCDOT Transportation Mobility & Safety Division	
DISCUSSION SUMMARY	<p>Dr. Joe Hummer of the Department's Transportation Mobility and Safety Division provided a discussion about the future of autonomous vehicles on North Carolina Highways. He anticipates that the Department will not need special infrastructure to accommodate autonomous vehicles and that the vehicles will be adopted sooner than predicted, especially in urban areas. Autonomous vehicles will change how we use vehicles. They will be automated, electric, and utilized through subscription services.</p> <p>Safety is one of the biggest benefits of having autonomous vehicles. In the future, autonomous vehicles will become cheaper than human driving. People who will benefit from autonomous vehicles include older people, younger people, disabled people, and commuters.</p> <p>There are challenges in knowing how to plan for autonomous vehicles such as empty vehicle trips, shifts in time-of-day travel, uncertain revenues, and trip generation rates. Autonomous vehicles will impact land use – such as parking garages, curb space and driveways. Planners will need to change their mindset regarding which roads to build or widen and the best management of our current roadway system.</p>



HIGHWAYS COMMITTEE MEETING MINUTES DRAFT

ACTIONS TAKEN	NONE TAKEN
3. AAMVA Driverless Vehicle Guidance and Personal Delivery Devices, Mr. Kevin Lacy, PE, State Traffic Engineer, NCDOT Transportation Mobility & Safety Division	
DISCUSSION SUMMARY	<p>Mr. Kevin Lacy, State Traffic Engineer, provided a presentation about guidance that has been developed related to driverless vehicles by the American Association of Motor Vehicle Administrators. This guidance is developed for the states and is related to the vehicles, drivers and first responders. This information is rapidly changing – the first edition was published in 2018 and the third edition is currently being developed.</p> <p>Mr. Lacy also discussed Personal Delivery Devices, which are self-driving devices that can deliver items without a person operating the device. These devices can operate on different levels. Those that operate on sidewalks should not operate at speeds higher than what a pedestrian would expect. Some of the vehicles can fully operate in the roadway. Per law, personal delivery devices shall yield the right-of-way to all humans and vehicles. They may not operate on a highway at a speed greater than 20 miles per hour. They also may not operate on a highway with a speed limit greater than 35 miles per hour.</p> <p>Companies are continually researching and testing driverless vehicle operation. Continued growth in automated delivery services and personal delivery devices is anticipated.</p>
ACTIONS TAKEN	NONE TAKEN
4. ADJOURNMENT	Vice Chair Cody adjourned the meeting.



HIGHWAYS COMMITTEE AGENDA

BOARD OF TRANSPORTATION AUGUST 4, 2021

TIME: Immediately Following the Board Working Session per the Chairman's discretion

LOCATION: Room 150 / Microsoft TEAMS Meeting

TOPIC	PRESENTER	TIME
Call to Order Roll Call Declaration of Quorum Approval of June 30, 2021 Meeting Minutes	Mr. Cullie Tarleton, Chairman	2:30 PM
Highway Safety Improvement Program and Countermeasures	Mr. Kevin Lacy, PE, State Traffic Engineer, NCDOT Transportation Mobility & Safety Division	2:35 PM
ArTEMIS Maintenance Data Update	Ms. Kristin Barnes, PE, Acting Director of Highway Operations, NCDOT Chief Engineer's Office Mr. Doug McNeal, PE, Division Maintenance Engineer, NCDOT Division 5	3:10 PM
Other Discussion	Mr. Cullie Tarleton	3:25 PM
Adjourn	All	3:30 PM



NORTH CAROLINA

Department of Transportation



ArTEMIS: Maintenance Data

Kristin Barnes, PE

June 9, 2021

ArTEMIS

Advancing our Transportation Ecosystem through Maintenance Intelligence Solutions

Timely and appropriate maintenance is essential for managing assets.

Through use of combined activity-type, cost and spatial location information, ArTEMIS will build a framework to improve business processes and provide data to inform resource allocations in management decisions.

This effort aligns with NCDOT's priorities to provide GREAT customer service and to deliver and maintain our infrastructure effectively and efficiently.

ArTEMIS → Vision



Connected

- Data standards, linked across Units and Divisions
- Capture life cycle of assets from preplanning to implementation to replacement



Automated

- System generated workflows, allowing staff to focus on technical decisions
- Reduces opportunities for entry redundancy and human error, leading to higher quality data and alleviating ancillary manhours



Transparent

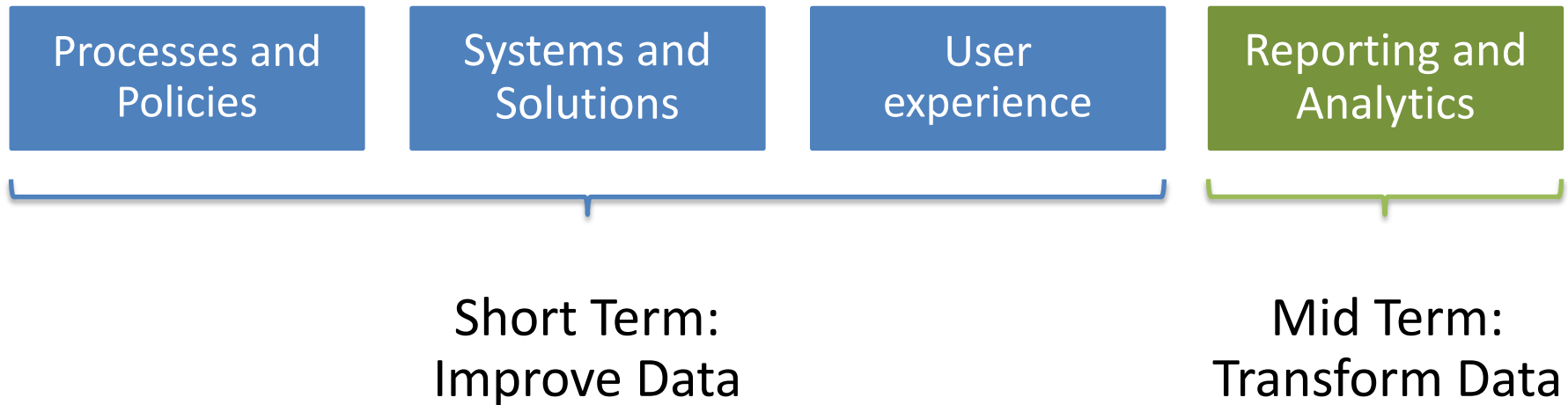
- Allows verification of work accomplished, assets added and/or replaced
- Creation of dashboards and other reporting mechanisms



Compelling

- Increased opportunities for cohesive resource allocation decisions
- Supports all stakeholders' vision

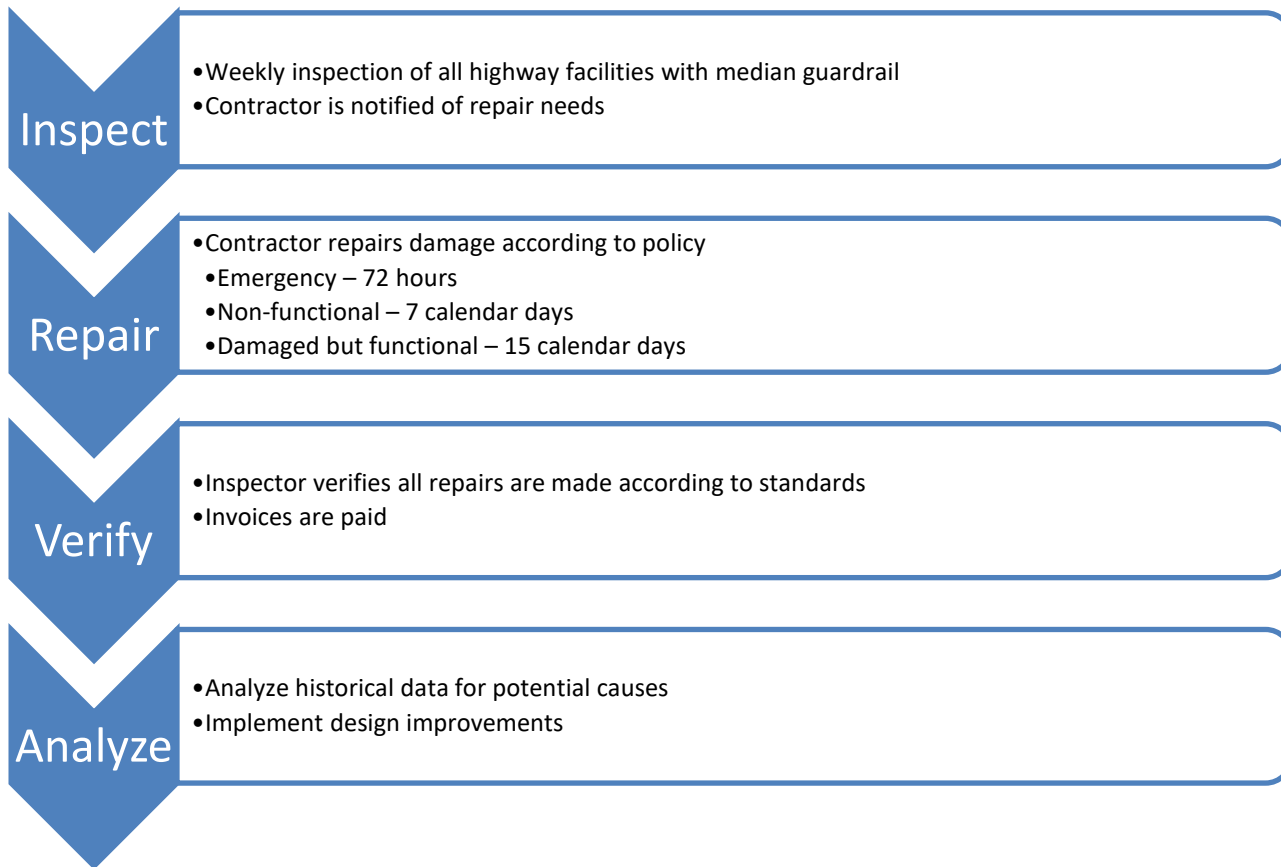
Goal: Route-based Work Accomplished and Cost on all maintenance work functions



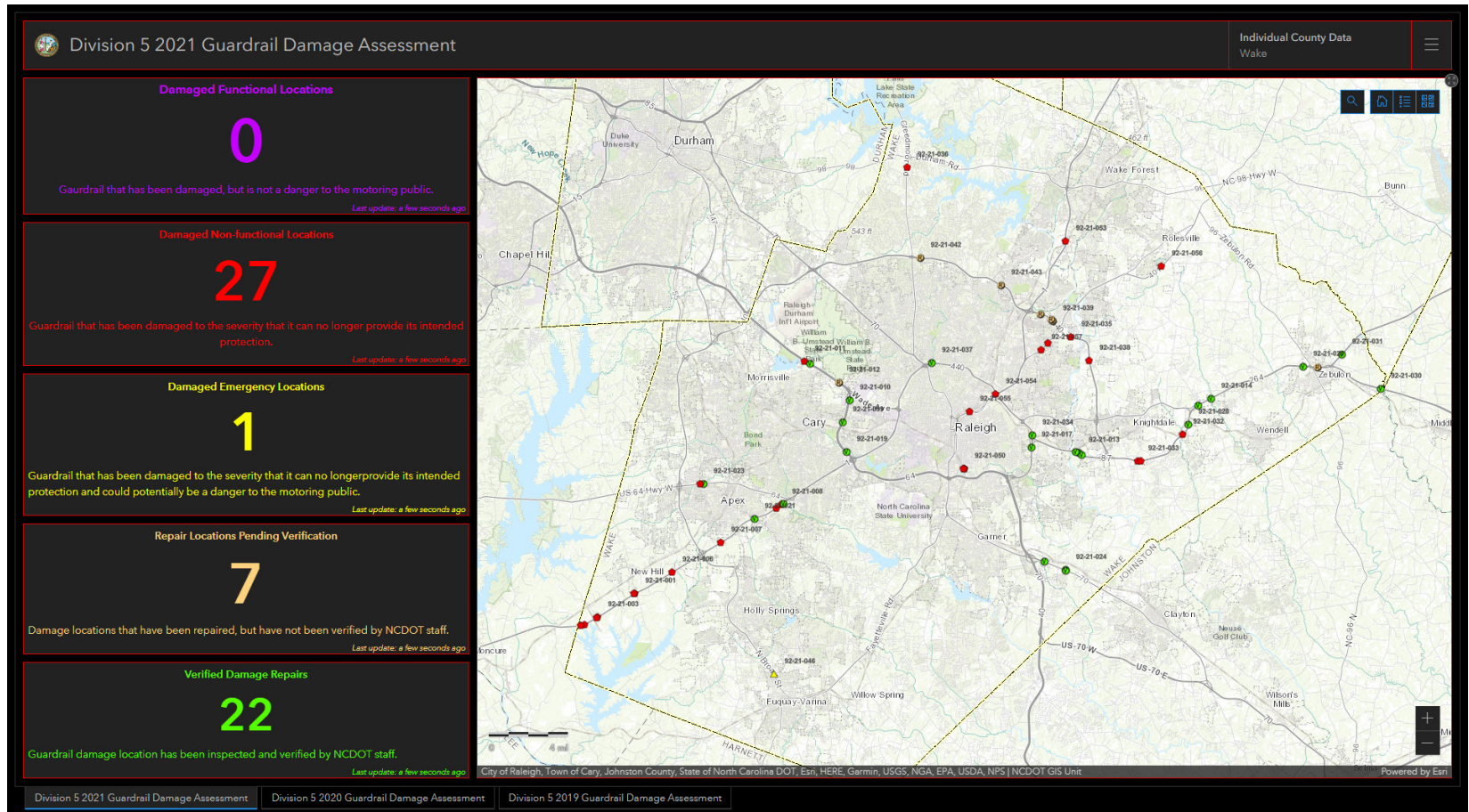
Maintenance Data Mapping Highlight Division 5

Doug McNeal, PE
Division 5 Maintenance Engineer

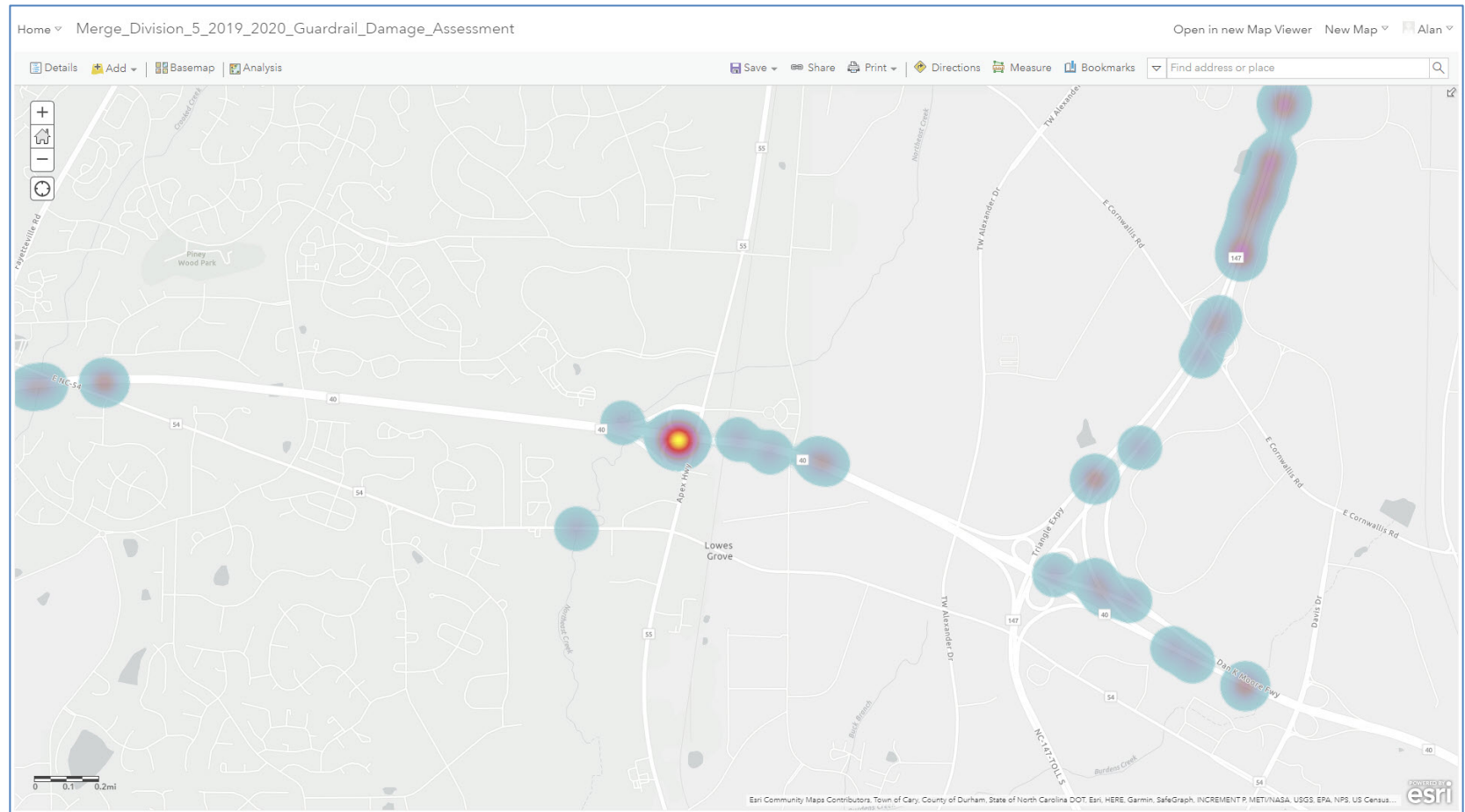
Guardrail Damage Assessment



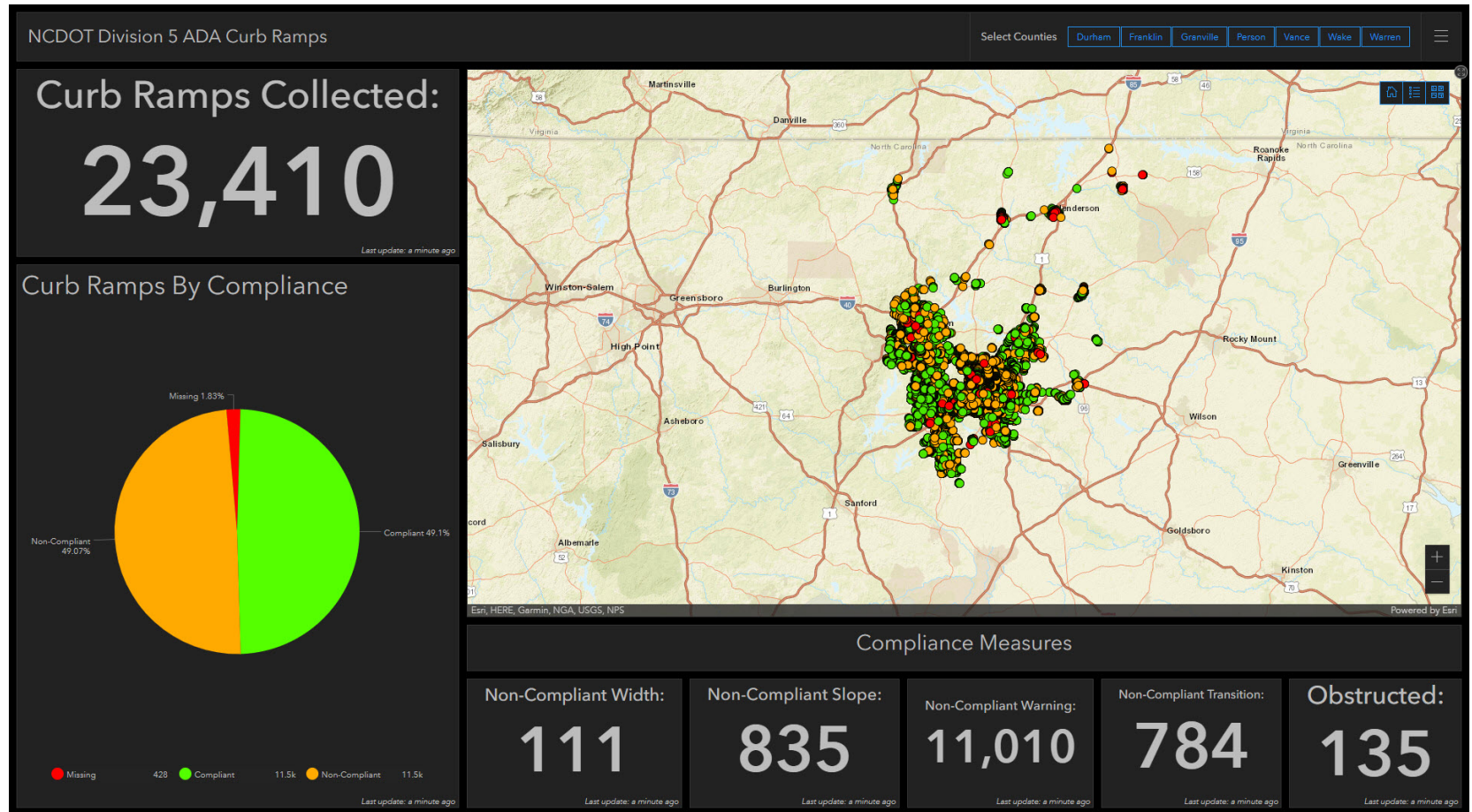
Inspect -> Repair -> Verify

[Link](#)

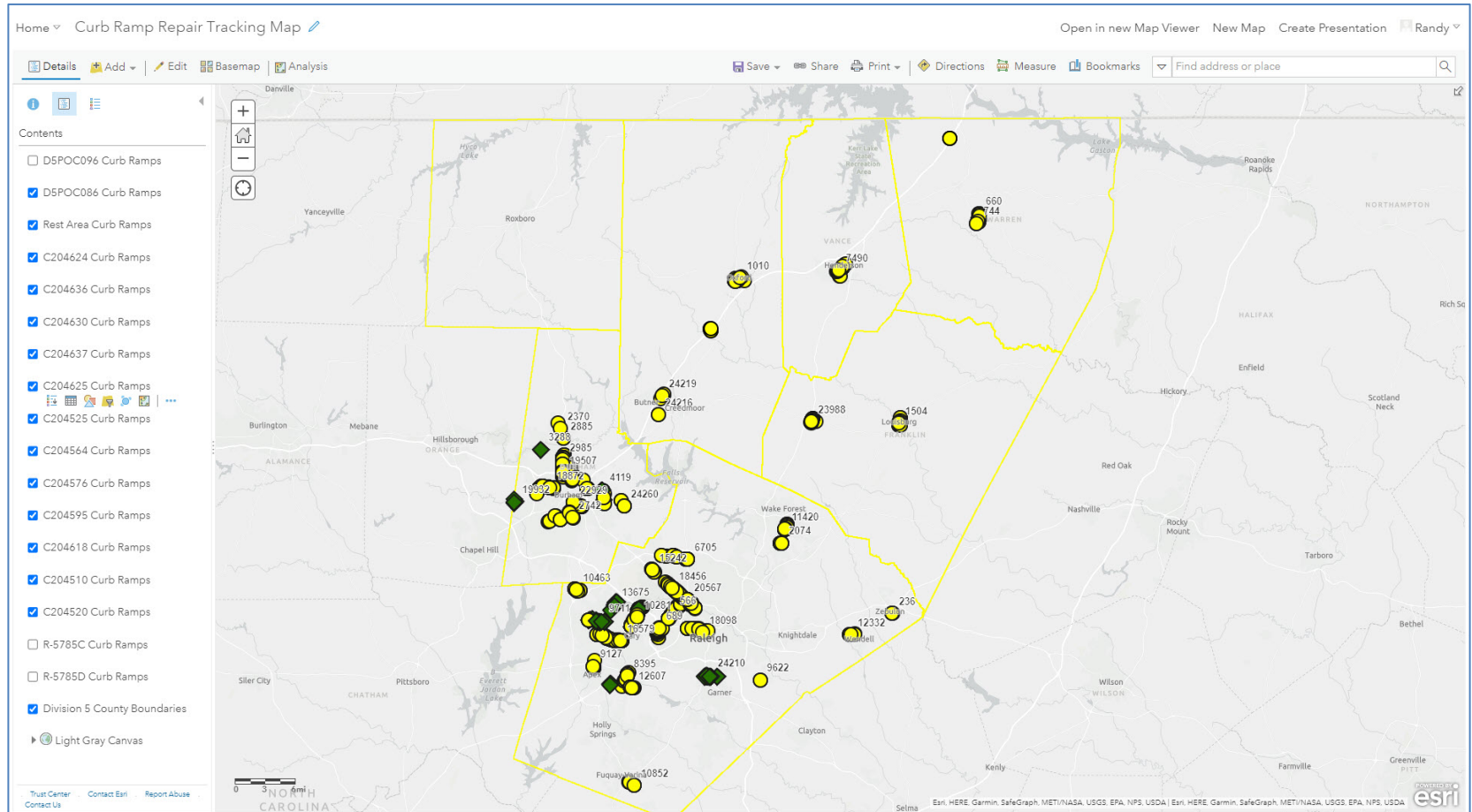
Analyze



ADA Curb Ramp Compliance

[Link](#)

ADA Curb Ramp Construction Inspection



Other GIS Initiatives

- HMIP (Contract Resurfacing) planning
- Dead animal and trash pickup annual needs contract
- Division Maintenance & Operations pictures

[Link](#)

Thank you

Kristin Barnes, PE

Acting Director of Highway Operations

Chief Engineer's Office

919-707-2509

kwbarnes@ncdot.gov



NORTH CAROLINA Department of Transportation

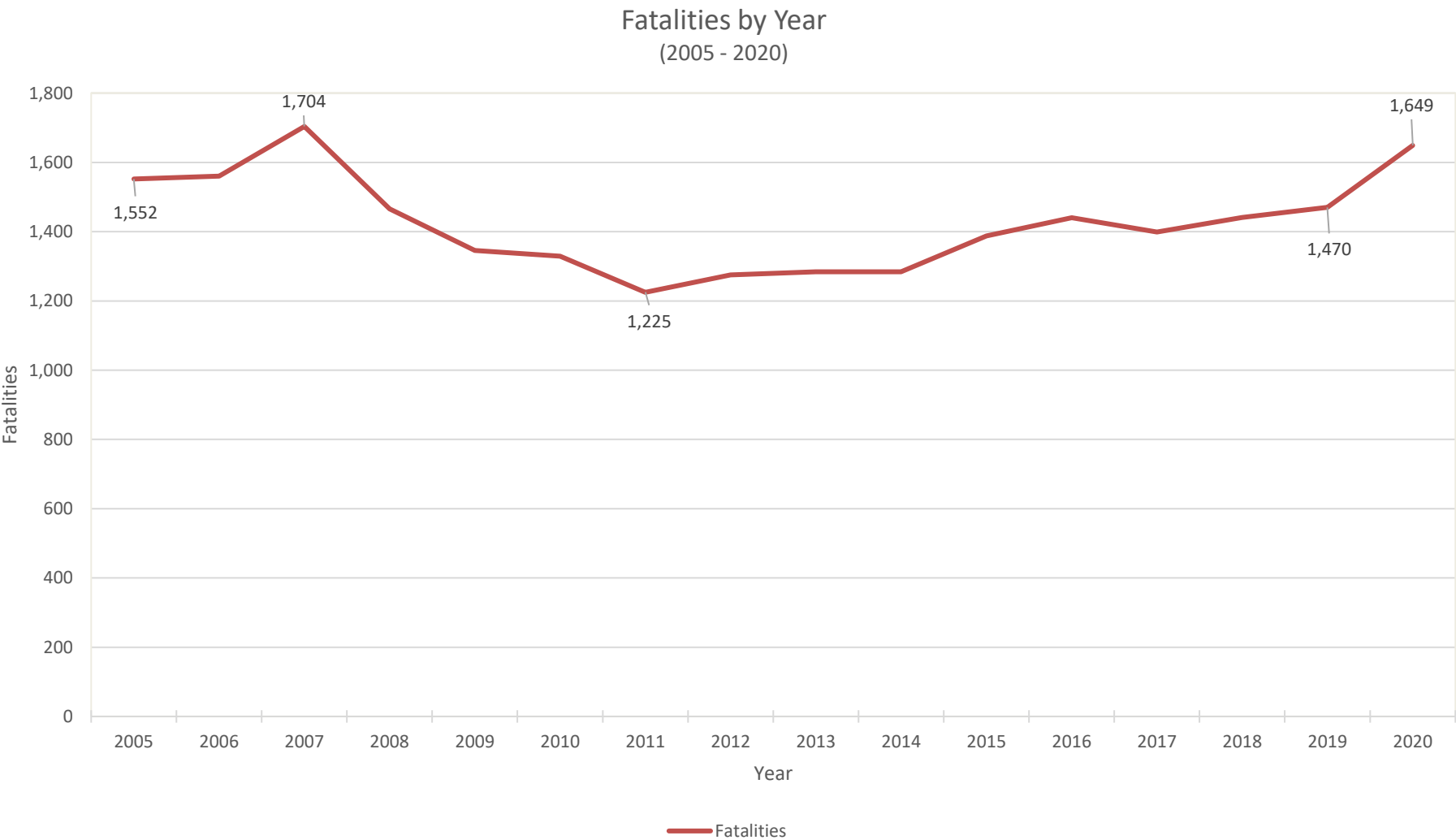


Highway Safety Improvement Program and Countermeasures

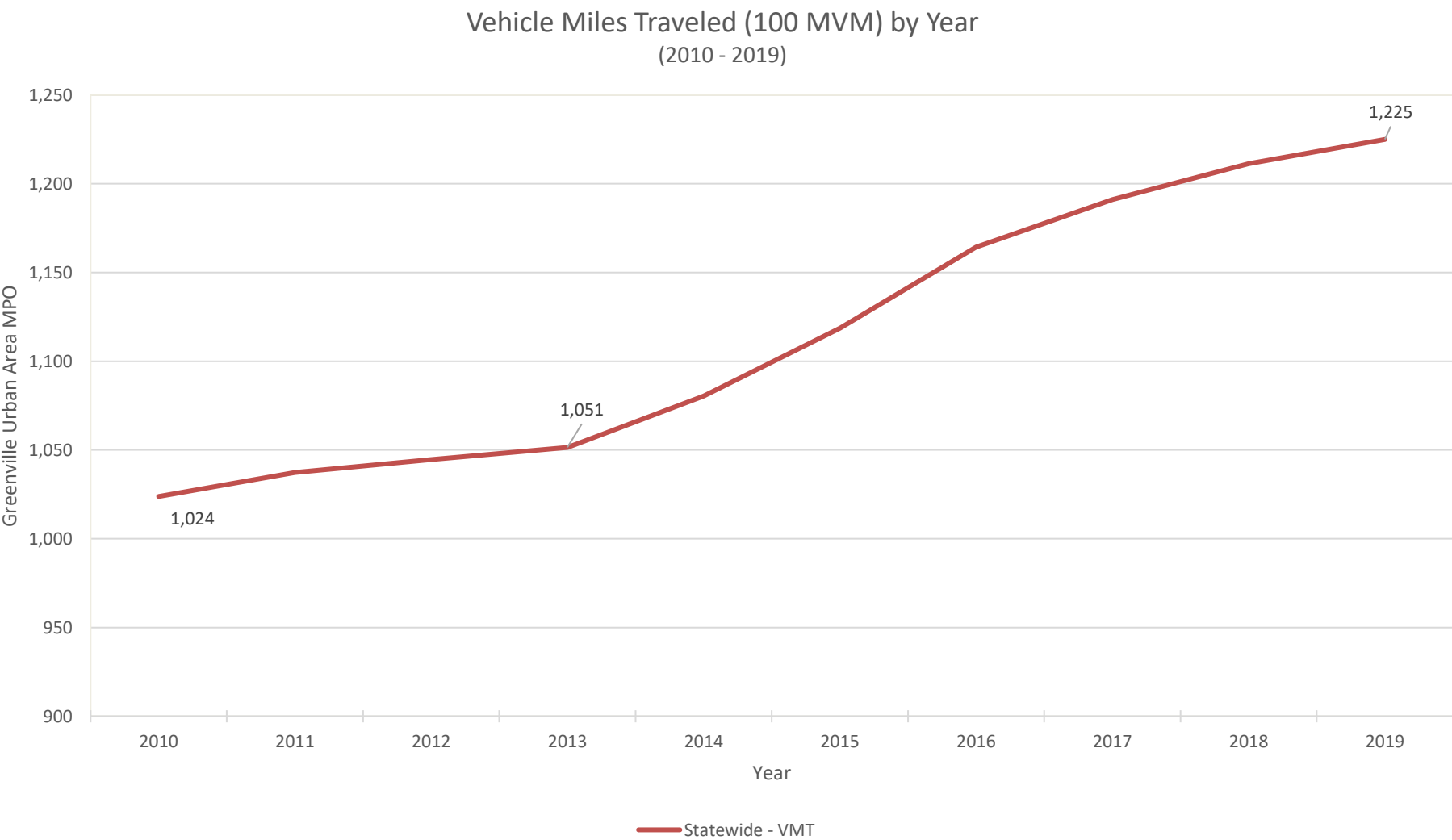
J. Kevin Lacy, PE, CPM

August 2021

Fatalities

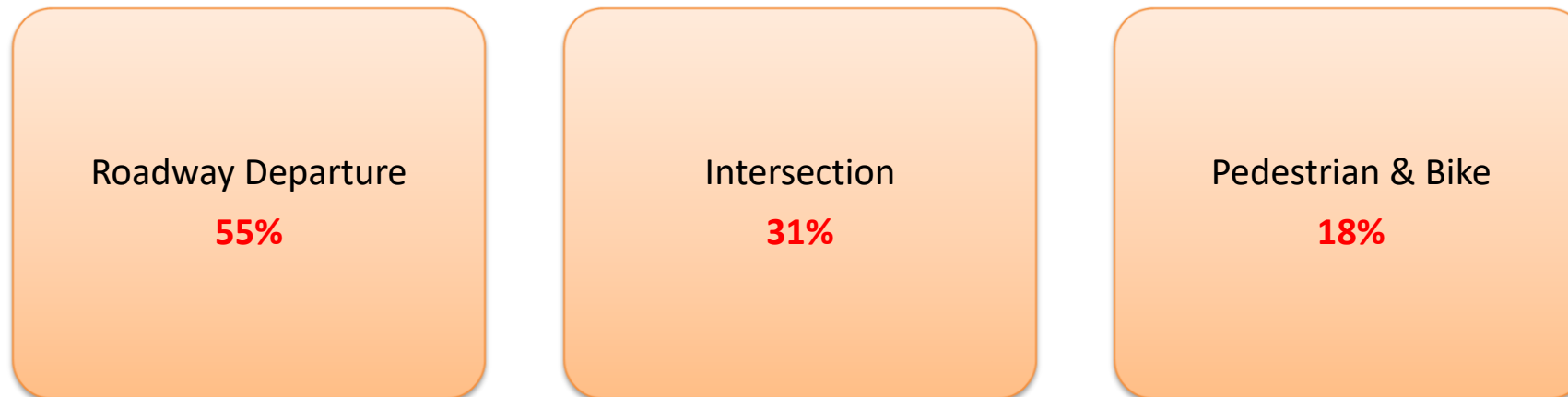


Vehicle Miles Traveled

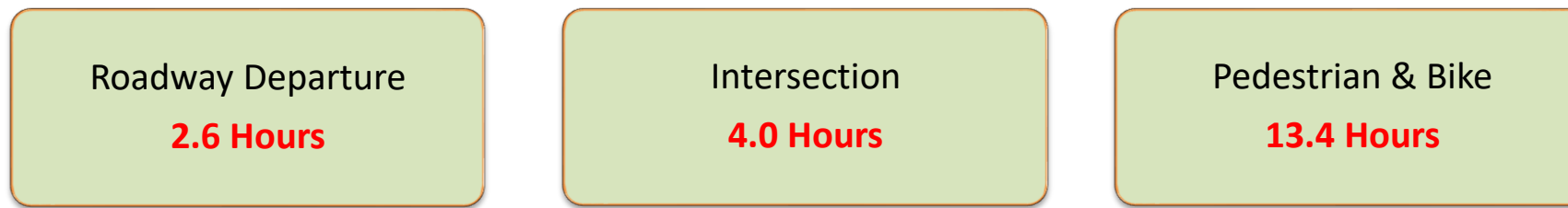


HSIP Program Focus

Fatality and Serious Injury share by SHSP emphasis areas



Time to Next Fatality or Serious Injury

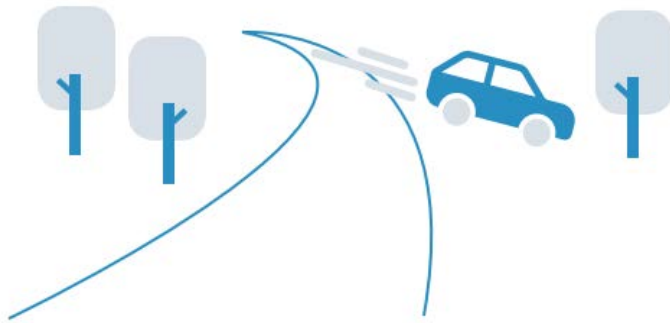


~ 10 per day

~ 6 per day

~ 2 per day

Roadway Departure

**Definition:**

Crashes that occur due to a driver leaving their lane of travel, and includes run-off-road, fixed object, head-on, rollover, and sideswipe crash types



Speed

77%



Occupant
Protection

82%



Substance
Impaired
Driving

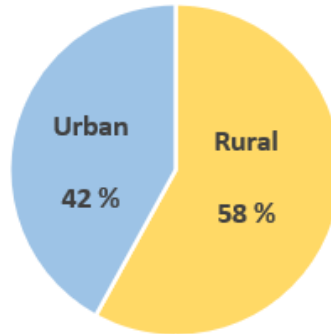
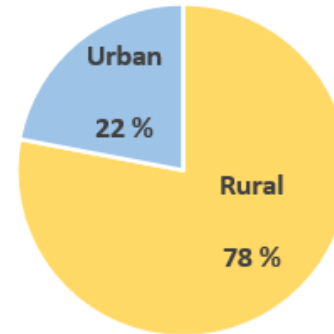
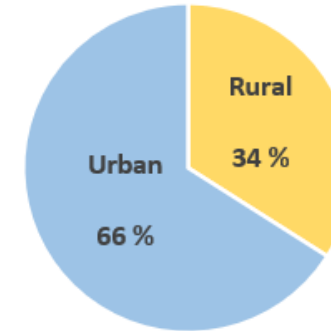
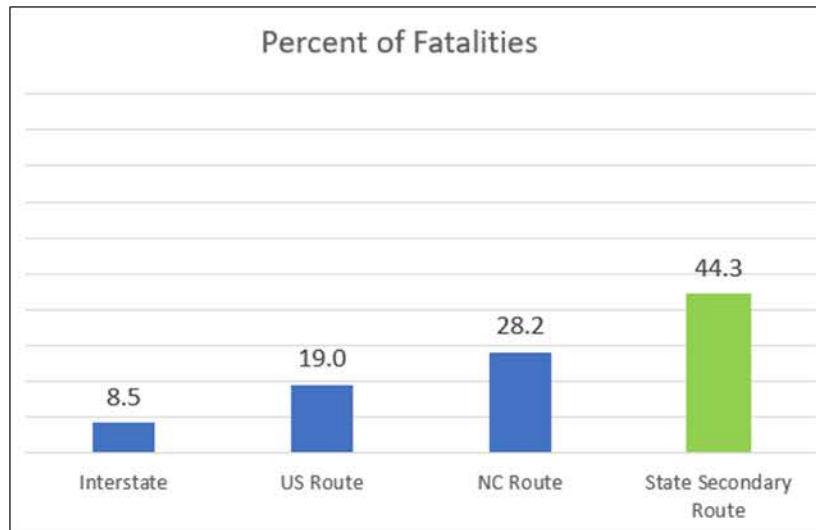
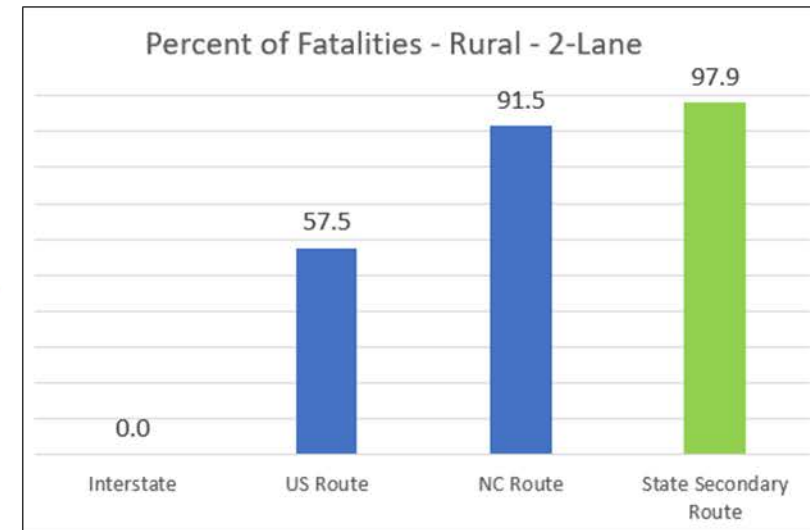
73%



Alertness

48%

Lane Departure Crashes

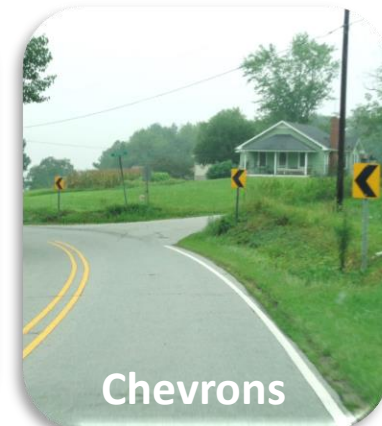
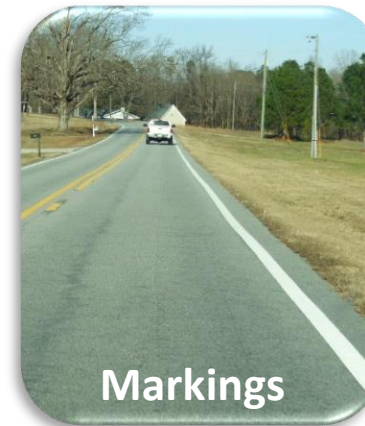
Lane Departure – All Crashes**Lane Departure – Fatal and Serious Injuries****Vehicle Miles Traveled****Percent of Fatalities****Percent of Fatalities - Rural - 2-Lane**

Lane Departure Crash Strategies

Keep them on the road in their travel lane

Section Safety Countermeasures:

- Delineation
 - Pavement Markings
 - Chevrons
 - Advanced Warning
- Rumble Strips
 - Edgeline Stripe
 - Centerline Stripe
 - Shoulder Rumble Strip
- Speed – 40,000 Miles of Statutory 55 MPH
- High and Low Shoulders
- Guardrail
- Super Elevation / Curve Realignment
- Widen / Paved Shoulders



Long Life Markings

Pavement Marking Materials

Paint



1-2 years

Polyurea

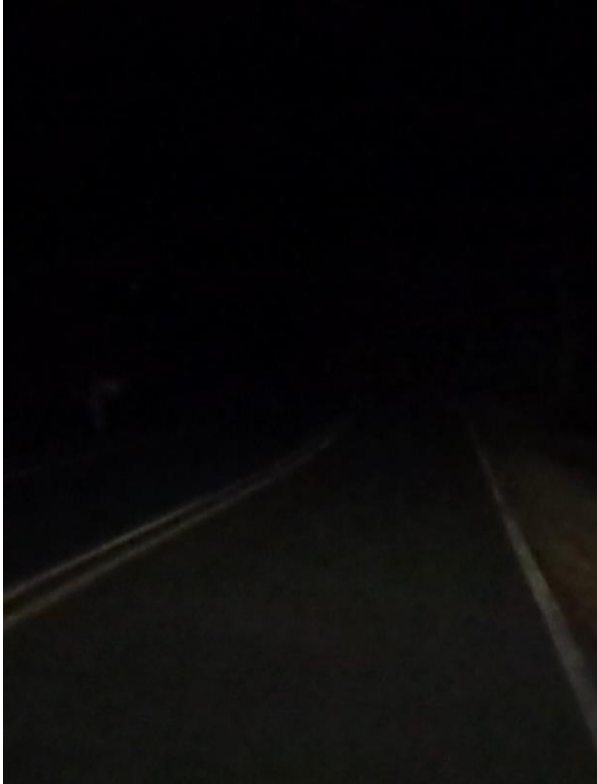


Thermoplastic



5-7 years or longer
Long Life Markings

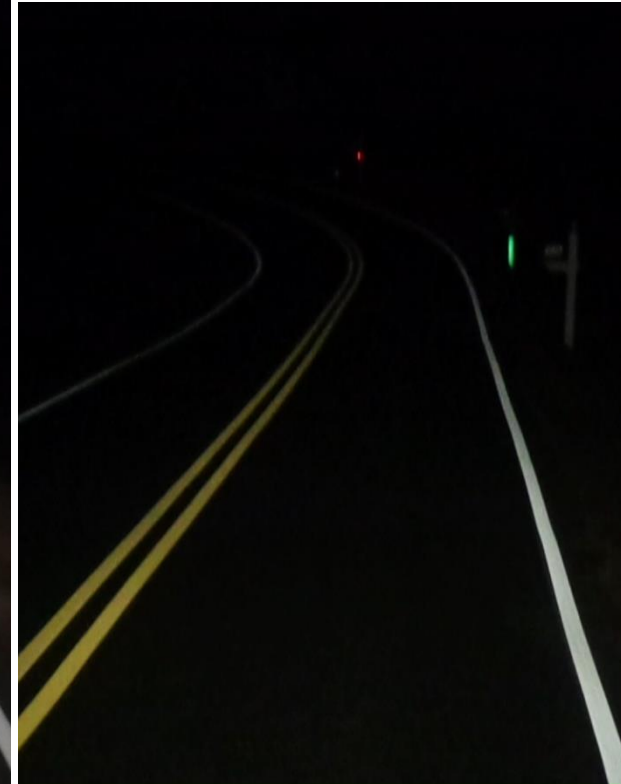
Long Life Markings



Paint
Estimated > 5 years old



Standard Bead Thermoplastic
Estimated > 5 years old



Standard Bead Thermoplastic
NEW - Roughly 6 Months Old

Nighttime Marking Comparisons

Long Life Markings

Summary

- Safety Benefit for Long Life Markings
- Long Life Markings are a More Cost-Effective Use of Funds for Maintenance and Safety than Paint
- Additional Safety Benefit for Wider Lines Although the Cost is Higher; Application for Higher Crash Locations

Lane Departure Crashes - Summary

4" Standard Bead

13% Reduction*

6" Standard Bead

18% Reduction*

* Statistically Significant Reduction (95% Confidence Interval)

Chevrons – Curve Signing



Chevrons – Curve Signing

Summary

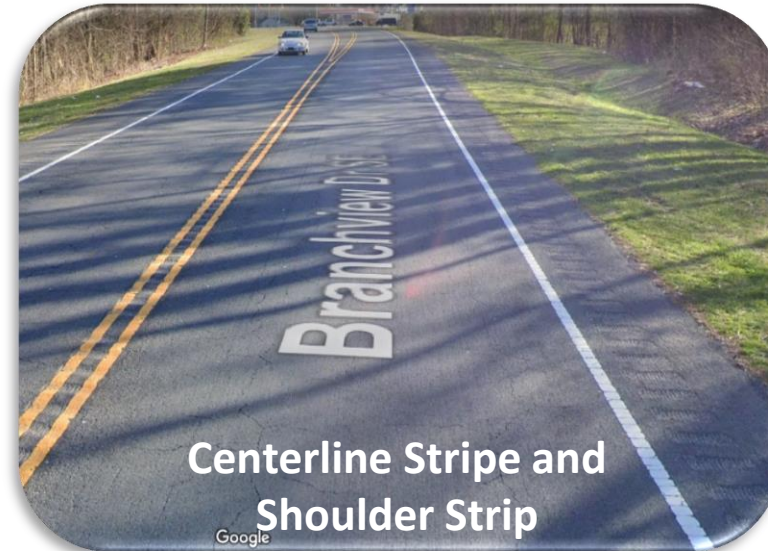
- Safety Benefit for Chevron Improvements
- Additional Benefit for Chevron + Other Curve Signing Improvements
- Cost ~\$2,500 per set

Lane Departure Crashes - Summary

All Improved Sites	33% Reduction*
Modify Existing Chevrons	18% Reduction
Install New Chevrons	28% Reduction
Install New Chevrons +	49% Reduction*

* Statistically Significant Reduction (95% Confidence Interval)

Rumble Strips



Rumble Strips

Summary

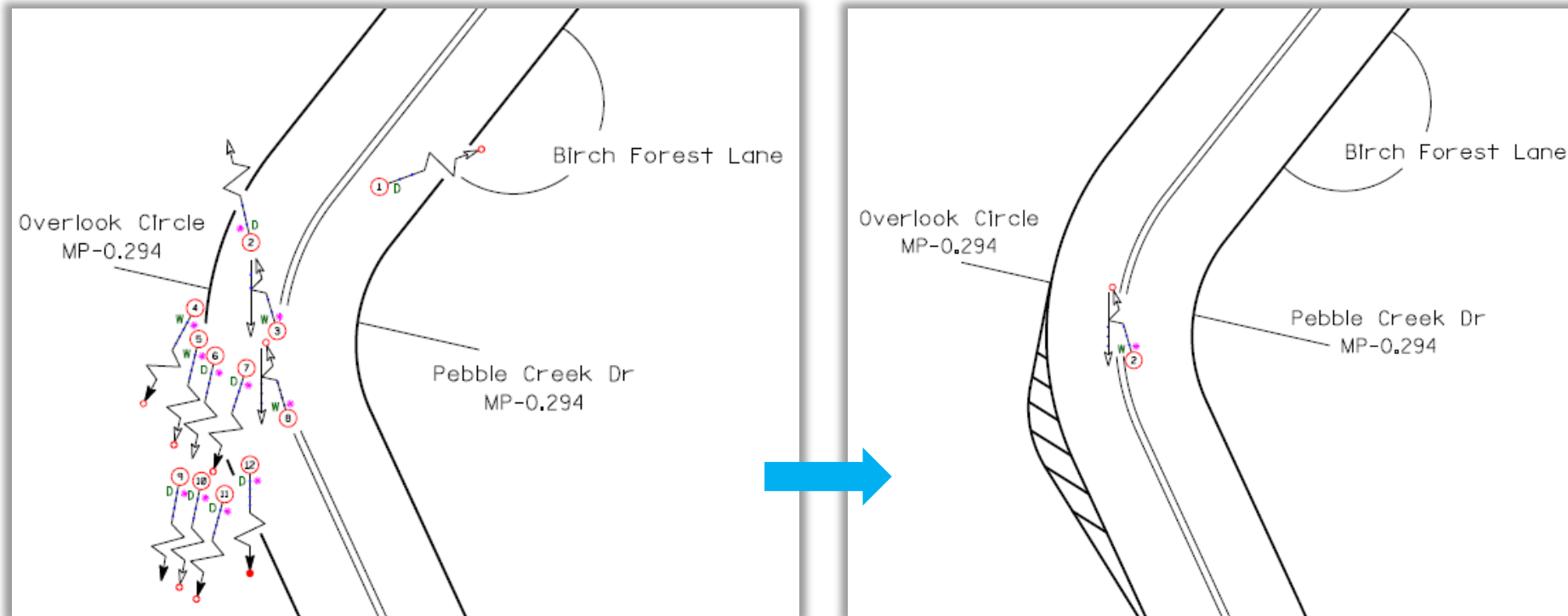
- Safety Benefit for Rumble Strip Installation
- Additional Benefits for Combined Centerline and Edge Line/Shoulder Usage
- More Complexities to the Rumble Strip Conversation
- Cost \$1,600 per mi (Centerline) / \$3,200 per mi (Edge Line)

Lane Departure Crashes - Summary

All Rumble Strip Sites	30% Reduction*
Edge Line/Shoulder	23% Reduction*
Centerline	28% Reduction*
Edge Line/Shoulder & Centerline	36% Reduction*

* Statistically Significant Reduction (95% Confidence Interval)

Rumble Strip(e) – Example



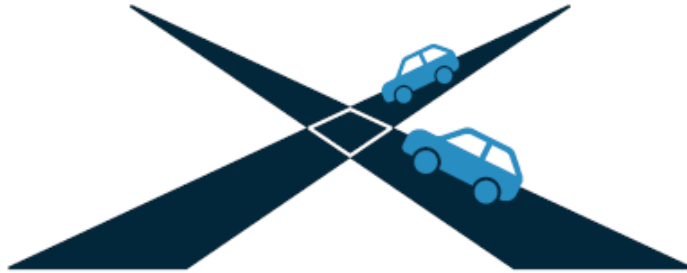
Lane Departure Pattern Identified

- 10 Ran Off Road
- 2 Sideswipe Opposite Direction
- 1 Fatal Ran Off Road

Countermeasures Implemented

- Shoulder Rumble Strips
- Centerline Rumble Strips
- Widen Shoulder
- 1 Sideswipe Opposite Direction

Intersections

**Definition:**

Crashes that occur at an intersection resulting in frontal impact between two vehicles, and includes angle, left turn, right turn, and head on crash types



Speed

20%



Occupant
Protection

23%



Substance
Impaired
Driving

23%

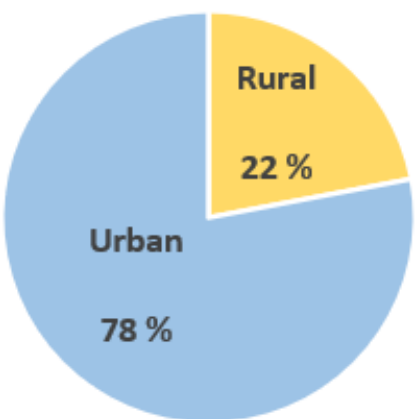


Alertness

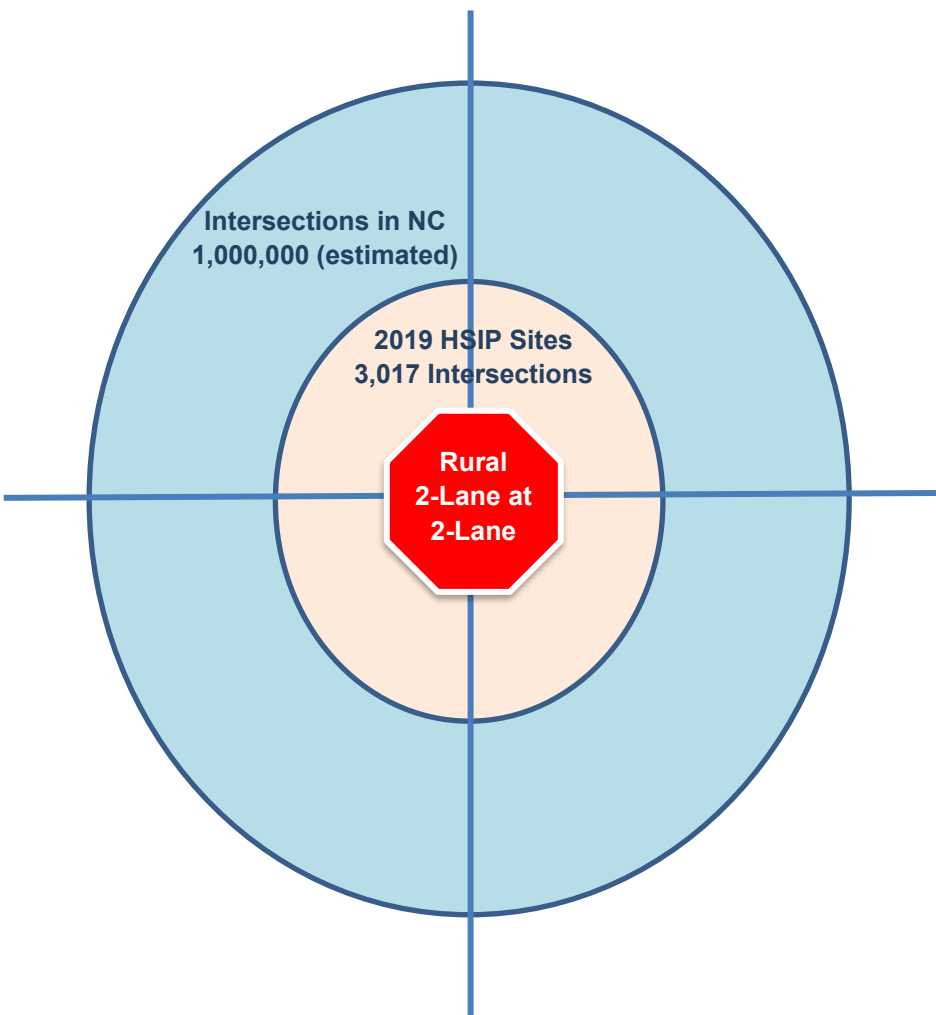
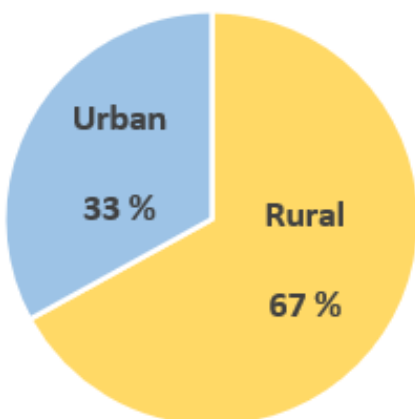
31%

Frontal Impact Crashes

Frontal Impact – All Crashes



Frontal Impact – Fatal and Serious Injuries



Frontal Impact Crash Strategies

Intersection Safety Countermeasures:

- All Way Stop
- Reduced Conflict
- Roundabout
- Medians
- Signal
- Signal Updates
- Appropriate Site Distance



All Way Stop



All Way Stop

Summary

- Proven treatment to address safety concerns
- Low cost and can operate effectively under a variety of conditions such as rural or urban, traffic volumes, and approach speeds
- Median cost is roughly \$20,000

Crashes - Summary

Total Crashes	68% Reduction
Fatal and Injury Crashes	77% Reduction
Frontal Impact Crashes	75% Reduction

Reduced Conflict



Reduced Conflict

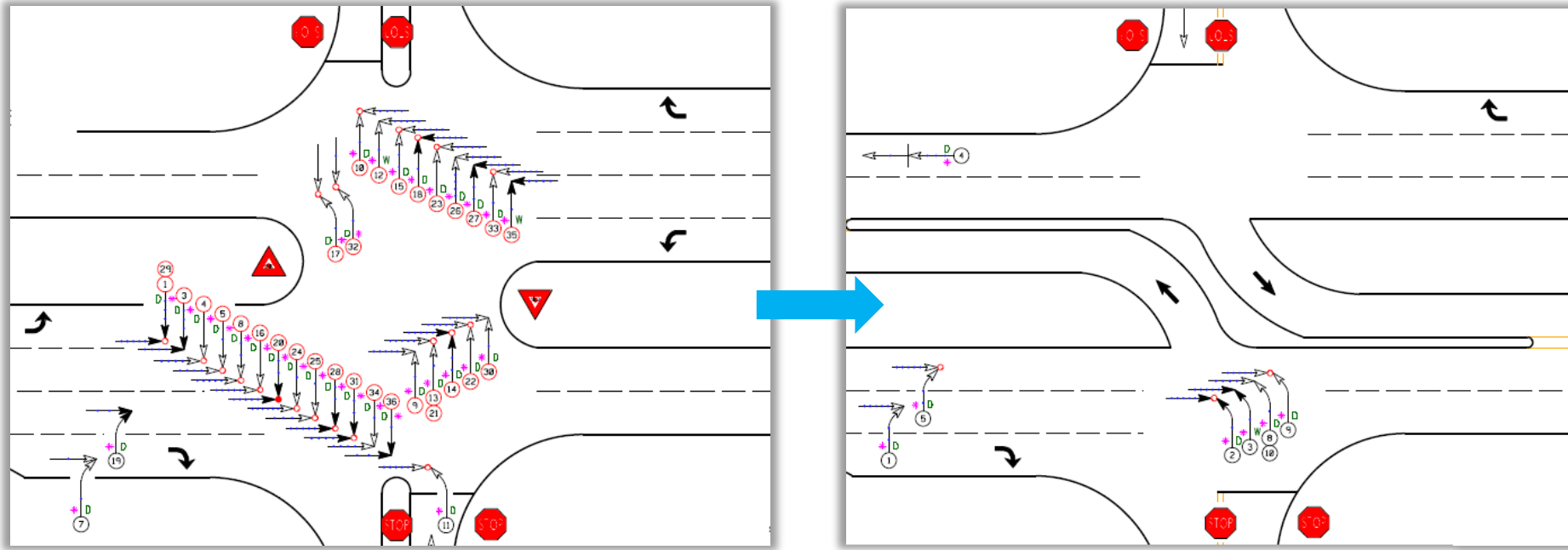
Summary

- Proven treatment to address safety concerns
- Prohibits the direct left turn and through movement at intersections by concrete channelization
- Drivers who want to go across the intersection or turn left must first turn right then make a U-turn to return to their planned route

Crashes - Summary

Total Crashes	59% Reduction
Fatal and Injury Crashes	71% Reduction
Frontal Impact Crashes	80% Reduction

Reduced Conflict – Example



Frontal Impact Pattern Identified

- 32 Frontal Impact
- 1 Fatal Frontal Impact

Countermeasures Implemented

- Reverse Directional Crossover
- 5 Frontal Impact

Roundabout



Roundabout

Summary

- Proven treatment to address safety concerns
- Safety benefits are similar regardless of whether the intersection was 3-leg or 4-leg and in the before period were two-way stop or signal control
- Safety benefits are also similar at locations with higher speed approaches (at least one 55 mph approach)

Crashes - Summary

Total Crashes	46% Reduction
Fatal and Injury Crashes	75% Reduction
Frontal Impact Crashes	76% Reduction

Pedestrian & Bike

**Definition:**

Crashes that occur with pedestrian and bicyclist that lack physical protection from other vehicles



Speed

3%



Occupant
Protection

NA



Substance
Impaired
Driving

6%

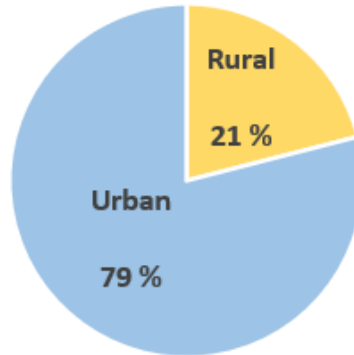


Alertness

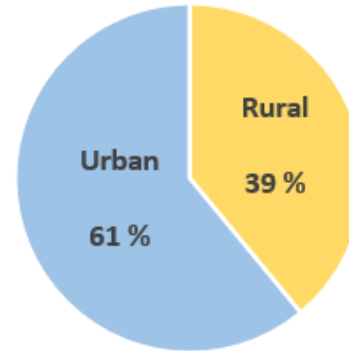
13%

Pedestrian & Bike Crashes

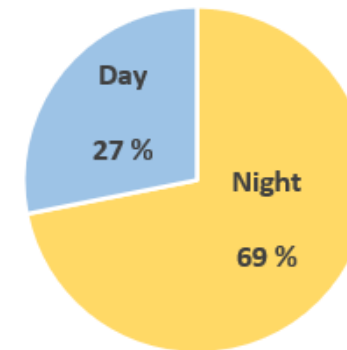
Pedestrian & Bike – All Crashes



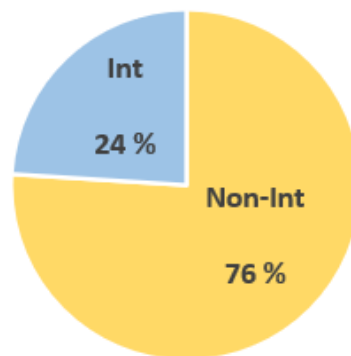
Pedestrian & Bike – Fatal and Serious Injuries



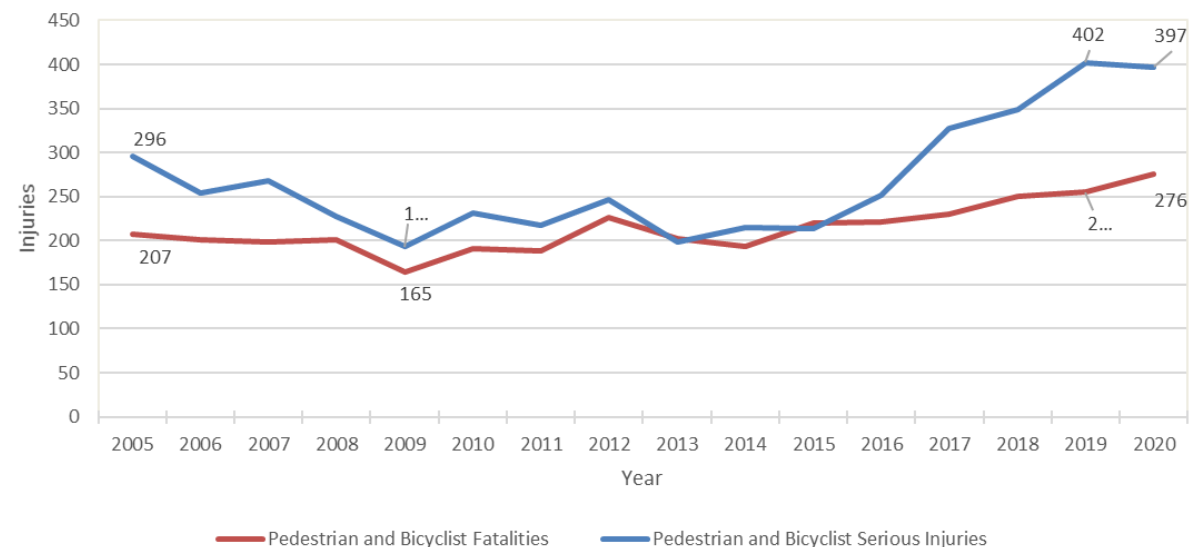
Ped/Bike - Day/Night – Fatal and Serious Injuries



Ped/Bike - Int/Non-Int Related – Fatal and Serious Injuries



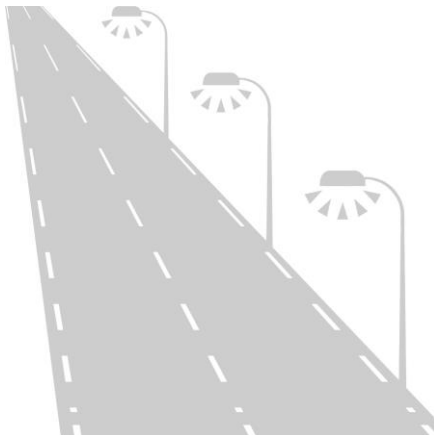
Bicycle and Pedestrian Fatalities and Serious Injuries by Year (2005 - 2020)



Pedestrian and Bike Crash Strategies

Pedestrian and Bike Safety Countermeasures:

- VISIBILITY
 - Signs
 - Markings
 - Lighting
 - Flashing beacons



Pedestrian and Bike Crash Strategies

Pedestrian and Bike Safety Countermeasures:

- PROTECTION
 - Active control
 - Signals
 - Hybrid Beacons
 - Speed management

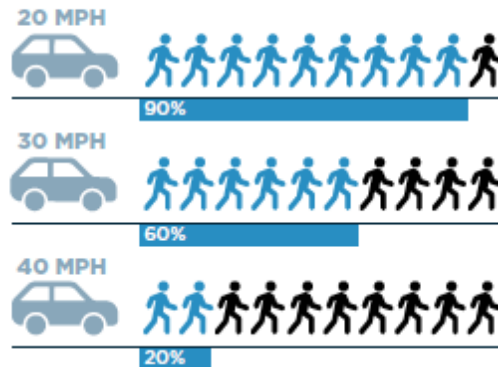


A pedestrian's chance of survival exponentially increases at lower speeds.²⁵

If hit by a vehicle driven at this speed a:

■ Person survives the collision

■ Collision results in fatality



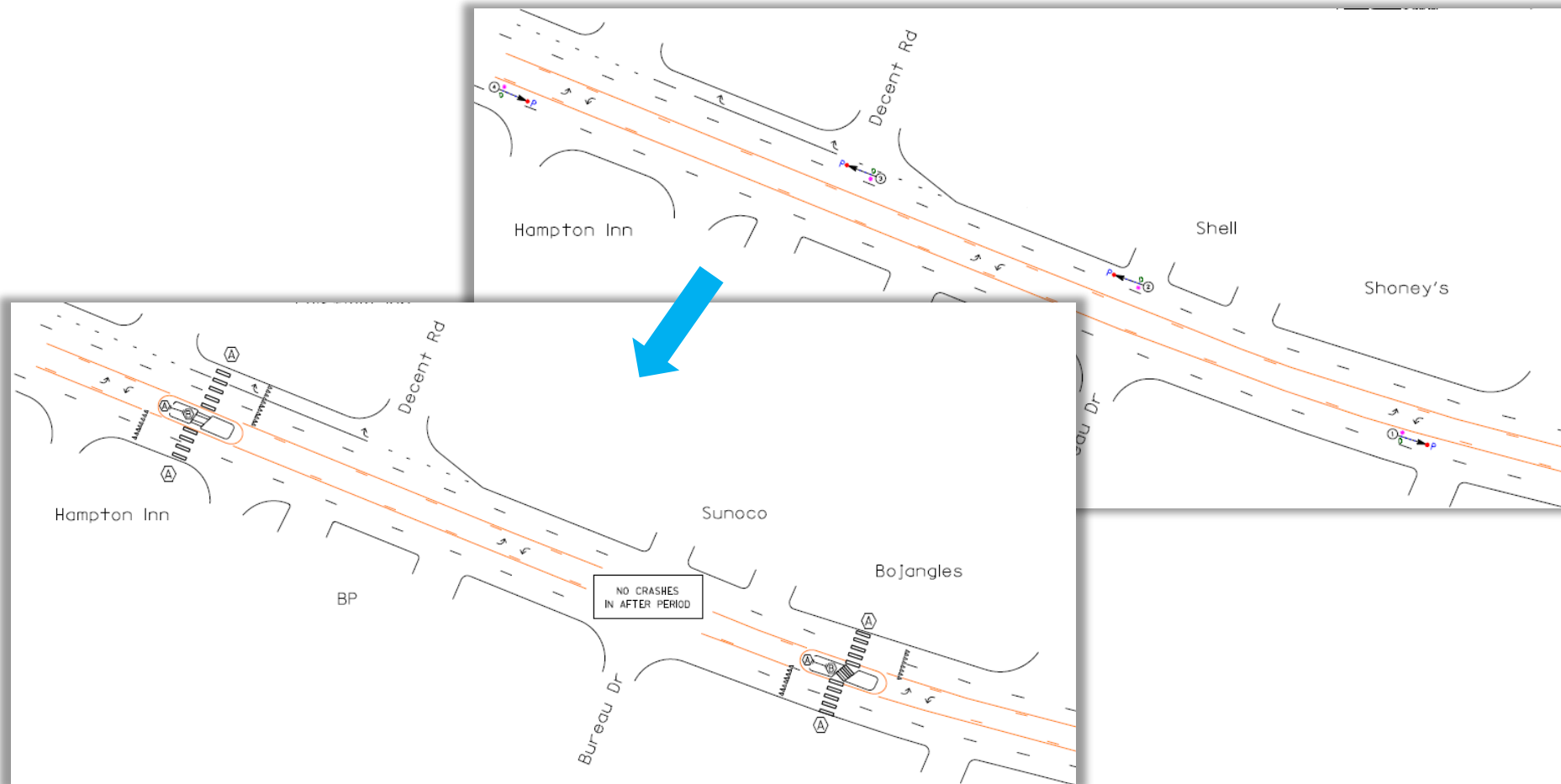
Pedestrian and Bike Crash Strategies

Pedestrian and Bike Safety Countermeasures:

- CONTROL
 - Refuge islands
 - Marked crosswalks
 - Lead pedestrian interval at signals
 - Separate facilities, sidewalks, bridges, etc.



Refuge Area – Example



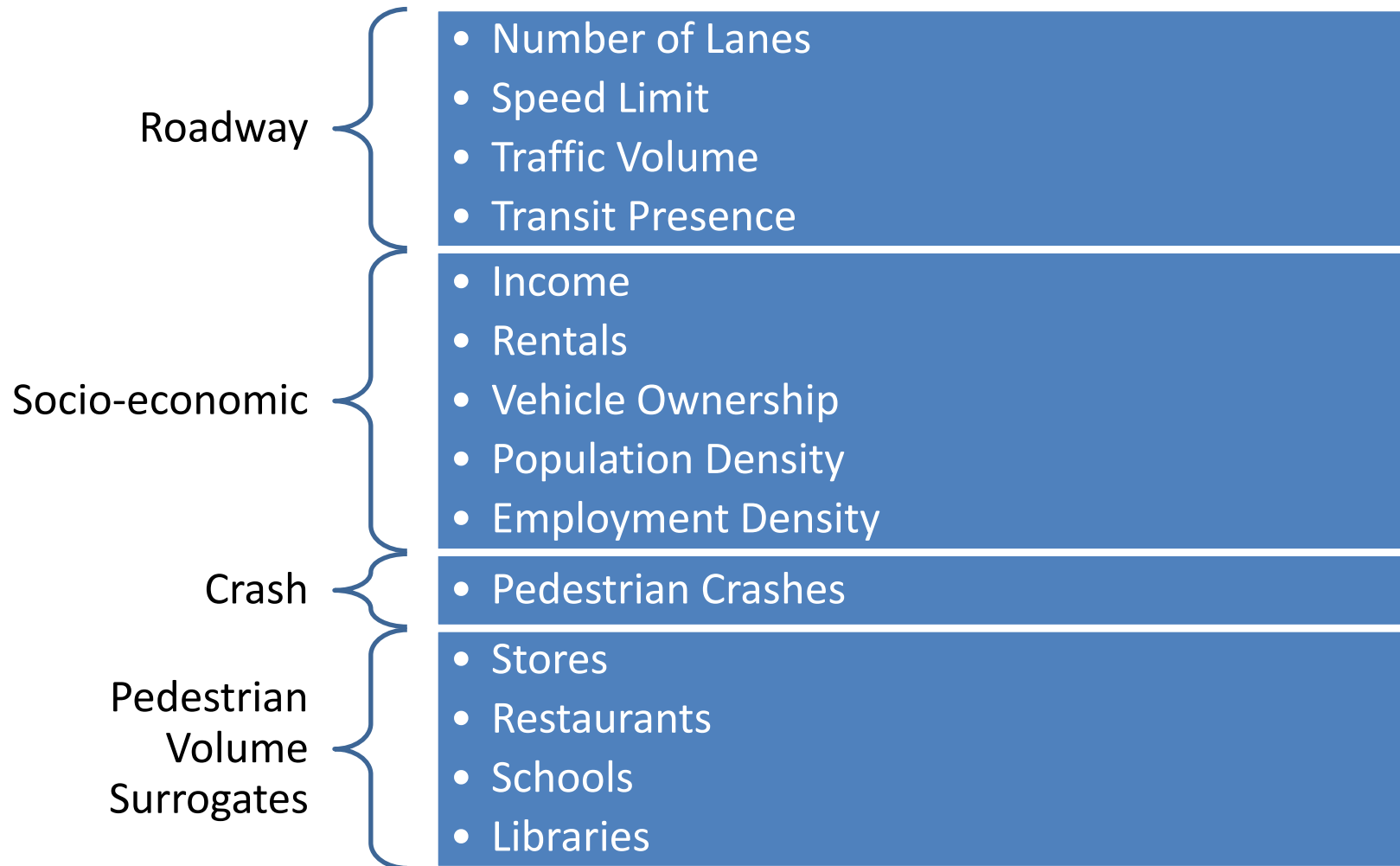
Pedestrian Pattern Identified

- 4 Pedestrians Crossing Road

Countermeasures Implemented

- Channelization, Crosswalks, and RRFB's
- 0 Pedestrians

Risk Factor Assessment for Safety Countermeasures



Questions....

J. Kevin Lacy, PE
State Traffic Engineer
Transportation Mobility & Safety
(919)814-5100
jklacy@ncdot.gov



MULTI-MODAL TRANSPORTATION COMMITTEE MEETING MINUTES

DATE: June 30, 2021 TIME: 3:37 PM LOCATION: EIC Room / Via Microsoft Teams

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

AGENDA TOPICS

1. Call to Order, Roll Call, Declaration of Quorum, Non-Conflict Statement and Consideration of the June 9, 2021, Meeting Minutes – Chairman Moran	
DISCUSSION SUMMARY	Chairman Moran called the Multi-Modal Committee to order and asked for a motion to approve the June 9, 2021, minutes as distributed.
ACTIONS TAKEN	A motion to approve June 9, 2021, minutes as distributed was made by Board Member Clarke and seconded by Board Member McGrady. The Committee approved the meeting minutes unanimously.
2. Multi-Modal Funding Items (PTD, Aviation) – Multi-Modal Directors	
DISCUSSION SUMMARY	All funding items were recommended for approval by the Multi-Modal BOT Committee for PTD and Aviation.
ACTIONS TAKEN	A motion to approve funding items was made by Board Member Clarke and seconded by Board Member Lathrop. The Committee approved the meeting minutes unanimously.
3. Multi-Modal Updates – Jason Orthner, Rail Division Director	
DISCUSSION SUMMARY	<p>Ferry Division - Passenger Ferry season started on June 21st. Ticket prices remain the same as last year at \$5 per person one way / \$10 round trip, bicycles are \$1 each way / \$2 round trip and children under 3 ride for free. This service is a supplement to the traditional first come first serve vehicle ferry and offers a reservable service which lands in the heart of the village. Once on Ocracoke passengers are able to utilize the Hyde County operated free tram service to get around the village and visit shops and historic landmarks.</p> <p>Integrated Mobility Division – Kick-off of the S-Line Transit Oriented Development Planning Study. The first meeting of the Project's technical committee which include officials of each of the municipalities up and down the S-Line, which will result in a shared vision of the S-Line Corridor as well as community specific market study, land uses, zoning recommendations and implantation strategies to prepare for S-Line arrival in the future. The project will take about 18 months to complete.</p>



MULTI-MODAL TRANSPORTATION COMMITTEE

MEETING MINUTES

	<p>Aviation - The Division of Aviation hosts the statewide art contest each year to inspire young people to illustrate the importance of aviation through art. Despite the pandemic, we received 764 entries, and, as you can tell, they were great entries and made our state proud on both the national and international level.</p> <p>North Carolina students, you may recall, swept the 2021 national aviation art contest run by the National Association of State Aviation Officials, taking five of the top nine spots. We recently received word that North Carolina students won three of the nine awards at the international art competition in Switzerland. Our students won both first and second place in the Senior competition and second place in the intermediate division.</p> <p>Rail – Ridership is continuing to increase on train service. The popular Carolinian service is back to pre-pandemic levels for ridership and the Piedmont is approaching 90% of the pre-pandemic levels. We have just introduced the new children's fare of \$5.00 available from June thru August anywhere in North Carolina.</p>
ACTIONS TAKEN	None Taken
4. Ferry Division Dredging and Shoaling – Jed Dixon, Ferry Division Deputy Director	
DISCUSSION SUMMARY	Presentation provides information on the state designated channels the NCDOT Ferry Division is responsible for maintaining, how channels are maintained, USACE responsibility and operations, and current and future dredging needs along with potential solutions.
ACTIONS TAKEN	None Taken
5. Vessel Electrification Efforts – Jed Dixon, Ferry Division Deputy Director	
DISCUSSION SUMMARY	Presentation provides information on the state designated channels the NCDOT Ferry Division is responsible for maintaining, how channels are maintained, USACE responsibility and operations, and current and future dredging needs along with potential solutions.
ACTIONS TAKEN	None Taken
6. Adjournment – 4:26 PM	



MULTI-MODAL TRANSPORTATION COMMITTEE MEETING AGENDA

BOARD OF TRANSPORTATION AUGUST 4, 2021

TIME: IMMEDIATELY FOLLOWING THE WORK SESSION

LOCATION: EIC ROOM

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 June 30, 2021, Meeting Minutes Opening Remarks	Chairman Allen Moran	5 Mins
Funding Items (Public Transportation, Rail and Bike & Ped)	Multi-Modal Directors	5 Mins
Multi-Modal Updates	Julie White Deputy Secretary for Multi-Modal Transportation	5 Mins
Pedestrian Safety in North Carolina	Ryan Brumfield Director of Integrated Mobility Division	15 Mins
Ferry Division FY22 Spend Plan and Budget Implications	Harold Thomas Ferry Division Director	20 Mins
Q & A	Multi-Modal Committee Members	5 Mins
Adjourn	Chair Allen Moran	5 Mins



MULTI-MODAL TRANSPORTATION COMMITTEE

AVIATION DIVISION REPORT

SUBMITTED BY: BOBBY WALSTON

BOARD OF TRANSPORTATION
AUGUST 4, 2021

PROJECTS

Division of Aviation deploys comprehensive platform for managing drone fleet and data

The Division's Unmanned Aircraft Systems (UAS) Program implemented an enterprise software platform called DroneDeploy in July that will help the Division manage NCDOT's drone fleet and pilots, and automate the processing of image data captured during drone operations. NCDOT units use drones for a growing number of operations, from monitoring construction projects to supporting emergency management services during natural disasters. The UAS Program procures and maintains NCDOT drones, trains pilots, maintains pilot credentials, performs complex missions for units and provides drone-captured images in the range of formats needed by engineers to manage construction projects and other operations. The DroneDeploy software supports each of those tasks. It automates the processing and reporting of images, minimizes training and processing time for operators. It is currently the only software compatible with both DJI and Skydio drones, which make up the bulk of the NCDOT fleet. It also live-streams data, critical for disaster response support.

North Carolina students wins three of nine top international art contest awards

North Carolina students took three of nine top awards in the 2021 International Young Artist Contest, hosted each year by the Fédération Aéronautique Internationale (FAI) to inspire young people to illustrate the importance of aviation through art. The three were among five N.C. winners of the 2021 National Aviation Art Contest, sponsored by the National Association of State Aviation Officials with the National Aeronautic Association, who emerged from the Division of Aviation's annual state competition. In the international competition, Amy Lee of Cary (age 17) won first place and Isabel Chang (age 15) of Cary won second place in the Senior Category. Anish Upadhyaya (age 13) of Cary won second place in the Intermediate Category.

Division of Aviation staff win top NCDOT employee awards

Aviation staff took three of seven top awards, as well as the overall award, in NCDOT's Stand for Values employee recognition program for representing and modeling NCDOT's seven core values. Two others won honorable mentions in two additional categories. Jamie Fuller, former airport project manager who recently took a Program Manager position with the Federal Aviation Administration, received the **Stand for Values Diversity Award**, which focuses on respecting others while drawing strength from diverse opinions, ideas and experiences. Fuller also received the **Overall NCDOT Stand for Values Award**, selected from the seven top core value award winners. Rachel Bingham, deputy director and aviation development manager, received the **Stand for Values Integrity Award**, which focuses on earning and maintaining trust through accountability, transparency and data-driven decisions. Amanda Conner, aviation business development manager won the **Stand for Values Innovation Award** for promoting the development and use of new and better solutions. Flight Operations Manager Thad Howell received an honorable mention for Safety, which focuses on providing a safe transportation network and work environment. Ashley Clowes Lowery, a senior airport project manager, received an honorable mention for Teamwork, for using diverse strengths and skills to collaborate to solve problems and serve communities.



MULTI-MODAL TRANSPORTATION COMMITTEE

AVIATION DIVISION REPORT

SUBMITTED BY: BOBBY WALSTON

BUDGET UPDATES

American Rescue Plan Relief Airport Grants

North Carolina airports will receive \$256 million from the Federal Aviation Administration in the third round of federal COVID relief grant funding, expected in November. The American Rescue Plan is providing \$8 billion in grants to U.S. airports to keep workers employed and construction projects going. Nearly \$254 million of N.C.'s share will go to commercial service airports; about \$2.5 million will go to the state's general aviation airports, in amounts ranging from \$148,000 to \$22,000 per airport, based on their service area's socioeconomic tier. Airports can use the grant funding to cover operational expenses, debt service payments, and costs related to combating the spread of pathogens at the airport. Commercial service airports can also use the money to provide rent relief to terminal retail and concession companies. The funding requires that those airports continue to employ at least 90 percent of their pre-pandemic workforce. As an FAA State Block Grant administrator, the Division of Aviation will distribute and manage the ARP grants to the state's general aviation airports, as it did for the first two federal COVID relief grants (CARES and the Coronavirus Response and Relief Supplemental Appropriation). Commercial service airports will get their grants directly from FAA.

NEW

Division of Aviation Unmanned Aircraft Systems Program

Manager Ben Spain named to FAA Rule-making Committee

Ben Spain, manager of the Division of Aviation's Unmanned Aircraft Systems (UAS) Program has been appointed to represent the National Association of State Aviation Officials on the Federal Aviation Administration's UAS Beyond Visual Line-of-Sight (BVLOS) Aviation Rulemaking Committee (ARC). The capability of UAS to fly without a pilot onboard and beyond the pilot's visual line-of-sight offers significant economic and societal benefits but presents unique challenges to the FAA's existing regulatory framework. The UAS BVLOS ARC, with members representing key industry, government and academic stakeholders, will recommend performance-based regulatory requirements that enable FAA to normalize safe, scalable, economically viable and environmentally advantageous UAS BVLOS operations in the National Air Space. North Carolina has been a leader in advancing UAS innovation as part of FAA's major national drone integration initiatives.

UPCOMING MEETINGS

- Aug. 9-12 (in-person, pending COVID status) -- North Carolina Airports Association 41st Annual Conference (keynote speaker, participant)
- Sept. 12-15 – National Association of State Aviation Officials Annual Conference (presenter, participant)
- Oct. 26 – N.C. Airports Community Quarterly Meeting (host)
- Nov. 16-17 – North Carolina Military Business Center Southeast Opportunities in Aerospace Regional Summit (SOARS) (presenter)

MEETINGS ATTENDED

All meetings are virtual, unless noted:

- June – Airport development staff complete remaining annual development planning meetings with the state's 72 public airports
- July 14-15 – Airport Leadership and Management Course, Future Airport Opportunities
- July 27 – NCDOT Aviation Airports Community Quarterly Meeting (host)



NORTH CAROLINA Department of Transportation



Ferry Division – FY22 Spend Plan

Harold Thomas – Ferry Division Director

July 28, 2021

SFY 22 Spend Plan Ferry Division

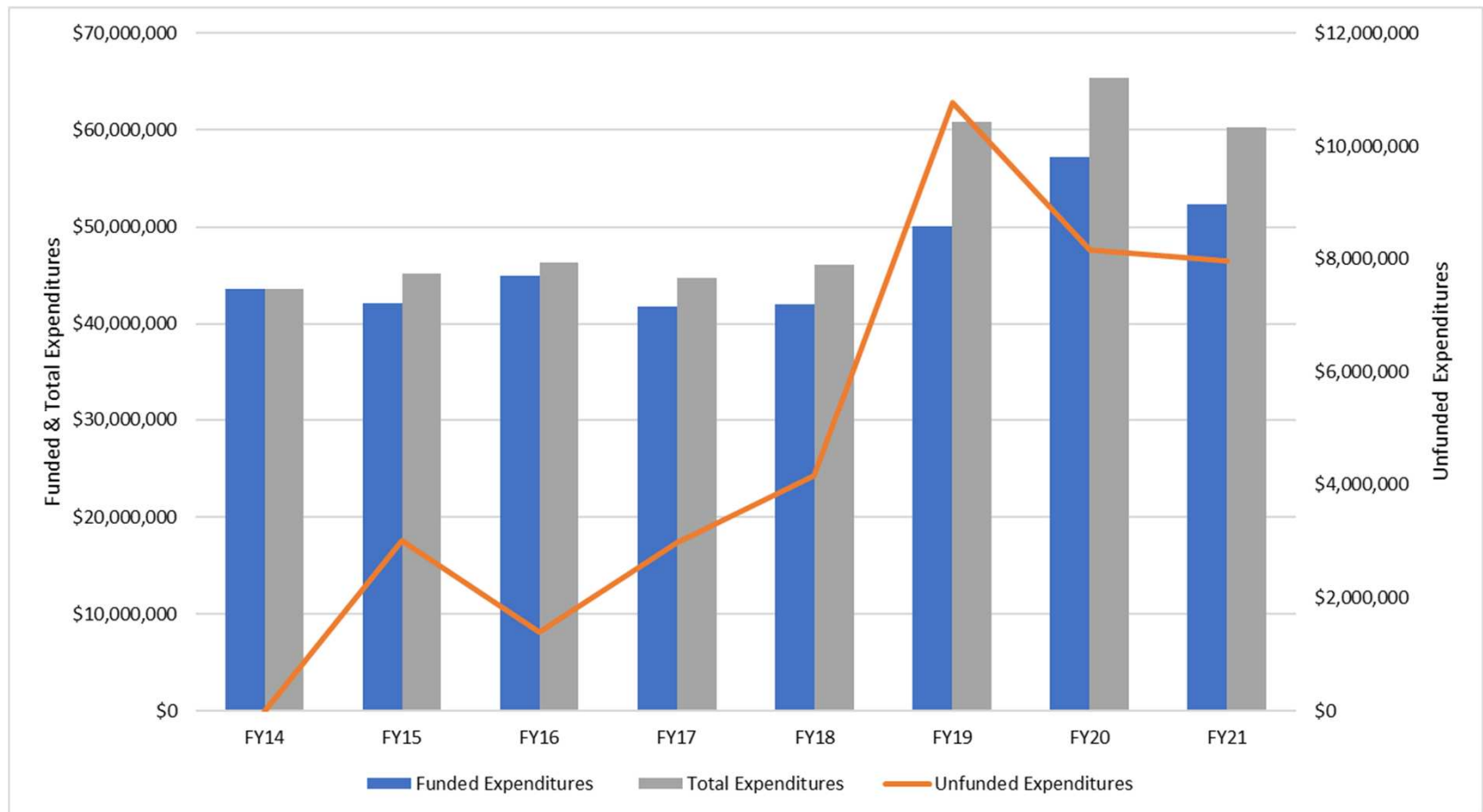
\$53.6 – BOT approved spend plan 6/30/21

Fund	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
State	\$5.8M	\$6.0M	\$8.6M	\$6.4M	\$3.4M	\$4.0M	\$3.0M	\$4.0M	\$4.0M	\$3.0M	\$3.0M	\$3.4M	\$ 50.8M
Vessel Reserve	\$0.6M	\$0.6M	\$0.6M	\$0.6M	\$0.6M								\$2.9M
Total	\$6.4M	\$6.6M	\$9.2M	\$4.0M	\$4.0M	\$4.0M	\$3.0M	\$4.0M	\$3.0M	\$3.0M	\$3.0M	\$3.4M	\$53.6M

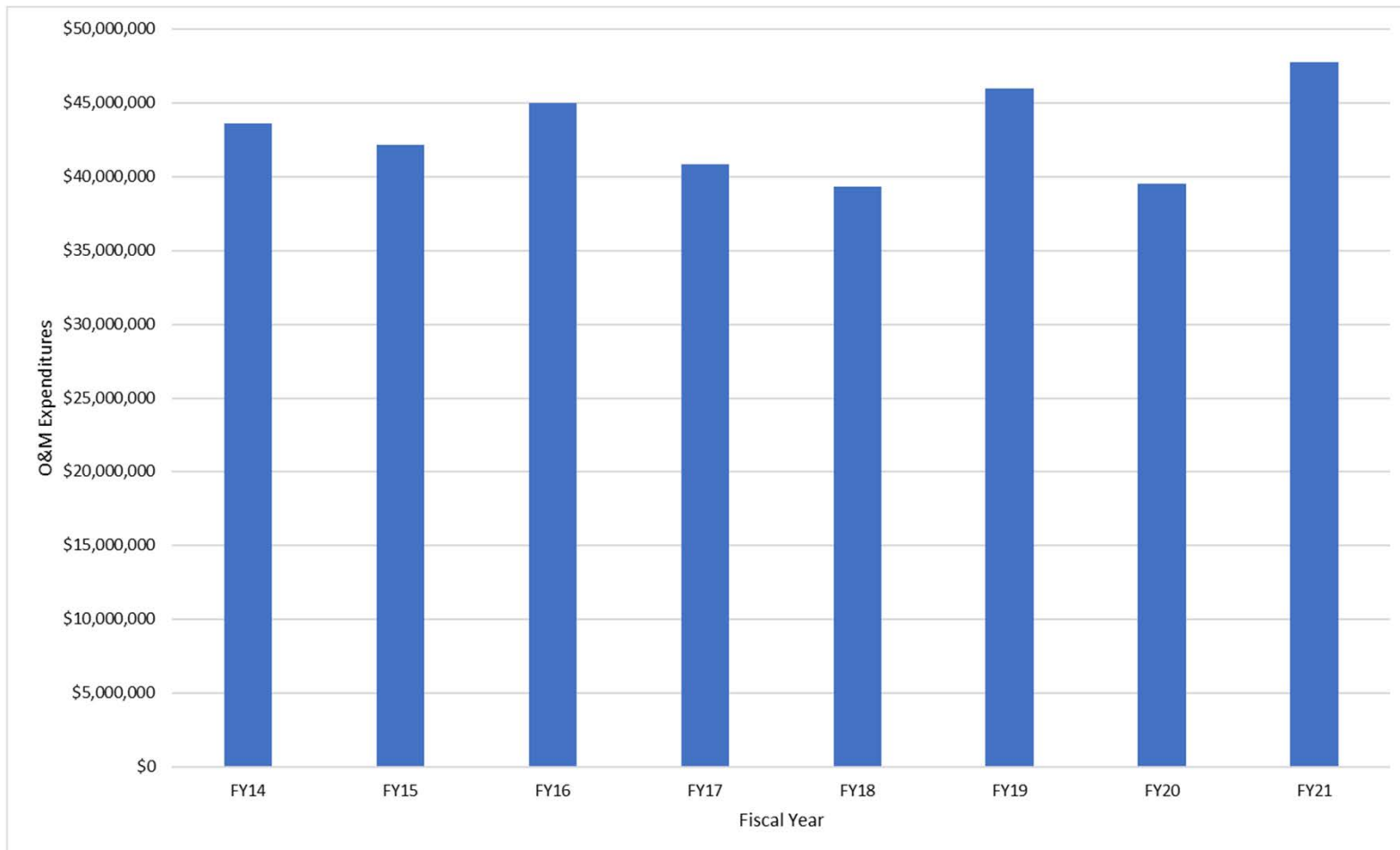
FY22 Continuation Budget

Historical Appropriations vs. Expenditures

The cost of Ferry operations and maintenance for 7 routes, 22 ferries, 100+ piling clusters, 14 channels, 100+ buildings and support equipment has exceeded annual appropriations resulting in recurring deficit repayment beginning each fiscal year



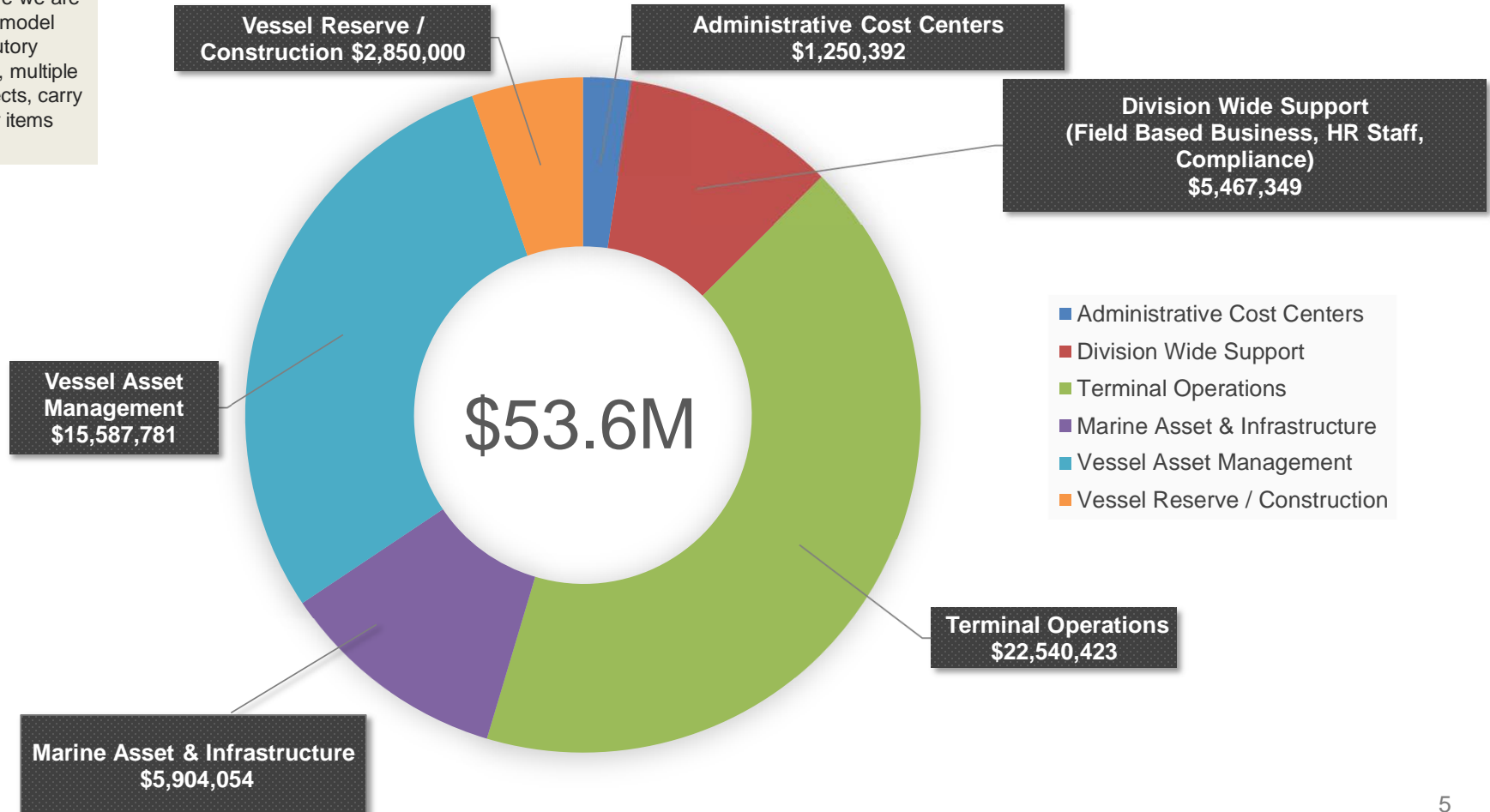
Historical Operations & Maintenance Expenditures



Planned Cash Spend FY22

SAS Project

Building a tool to ensure we are creating a cash spend model that considers the statutory limits on specific funds, multiple year construction projects, carry forwards, scenarios for items such as dredging.

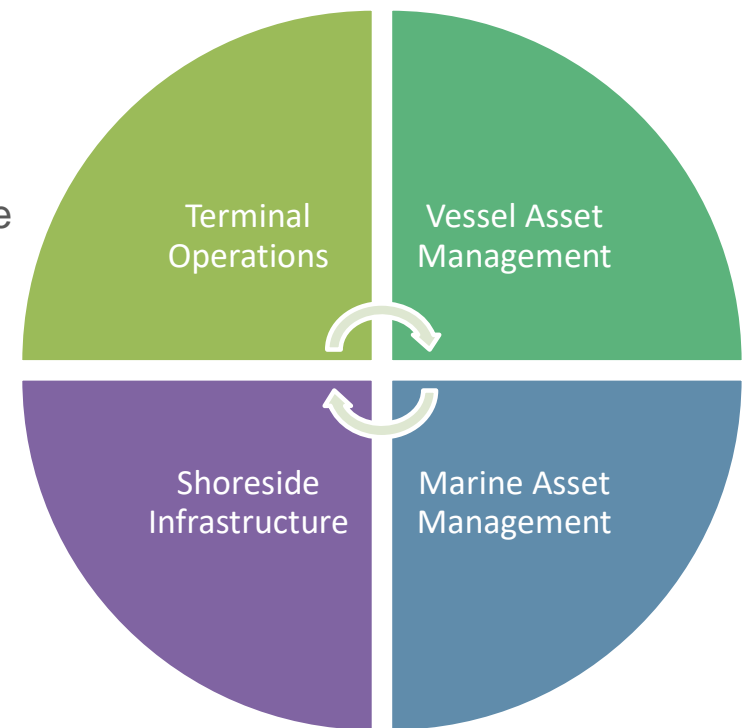


FY22 Actual Needs

DIVISION NEEDS		FY22
Administrative Cost Centers		\$1,250,392
Division Wide Support		\$5,545,559
Terminal Operations		\$27,983,664
Marine Asset & Infrastructure		\$7,106,500
Vessel Asset Management		\$19,617,215
Total		\$61,503,330

Actual Needs Detailed

- Terminal Operations
 - 250+ USCG licensed personnel
 - Running of traditional schedules at all routes
- Vessel Asset Management
 - Repairs and maintenance of 21 vessels, 1 dredge, 1 crane barge, and several tugs and barges handled at both the Shipyard and 3 Field Maintenance Shops
 - USCG required Credit Dry Docks
 - Inventory of equipment and material
 - Propulsion rehabilitation
- Marine Asset & Infrastructure
 - Southport / Fort Fisher Dredging
 - Pamlico River Piling Repair
 - South Dock dredging



Potential Legislative Impacts

Senate 105

- Statutorily eliminates ability to overdraft going forward
- Requires \$8m in FY21 overdraft repayment
- Reduction of \$20m or 32.5% in FY22 (compared to identified needs)

Menu of Potential Reduction Options

- Potential Route Closures and Reductions In Force
 - Passenger Ferry
 - Currituck – Knotts Island
 - Bayview – Aurora
 - Cedar Island – Ocracoke
- Potential Route Reductions and Reductions In Force
 - Hatteras – elimination of 16 spring departures and 34 summer departures
 - Cherry Branch – elimination of evening runs
 - Southport – elimination of one vessel

Menu of Potential Reduction Options

- Marine Maintenance Projects Eliminated
 - South Dock Dredging
 - Southport / Fort Fisher Dredging
 - Minnesott Beach Ramp Rehab
 - Pamlico River Pilings Replacement
- Vessel Asset Management
 - Inability to perform propulsion system rehabilitations resulting in delayed maintenance, costly damage and potential inability to run vessels
- Allow Inventory to Deplete
- Reduction to Support Unit Staff

Staffing Challenges

- Challenges around hiring both permanent and temporary employees
- Every vessel crew is USCG required to have 6 on board except for the MV Sea Level and MV Swan Quarter which require 7
- Departure schedules impacted
 - Currituck – Kotts Island route has been suspended for two 4-day spans to send employees to Hatteras to cover positions
 - Since June 1 there have been 106 missed trips directly related to staffing

Staffing Totals as of July 1

	2018	2021
Permanent	422	415
Temporary	155	86

Position	# of Positions for 1 Vessel Crew	Average Salary
Master	1	\$60,683
Chief Engineer	1	\$50,361
Mate	1 Sound Class	\$45,740
Oiler	1 Currituck, Hatteras, and Sound	\$41,921
Crew Member 2 (AB)	2	\$39,193
Crew Member 1 (Ordinary)	1	\$32,646

Questions?

Harold Thomas

NCDOT Ferry Division Director

(252) 423 – 5102

hbthomas@ncdot.gov



MULTI MODAL TRANSPORTATION COMMITTEE

FERRY DIVISION REPORT

SUBMITTED BY: HAROLD THOMAS

BOARD OF TRANSPORTATION
AUGUST 4, 2021

PROJECTS

Passenger Ferry Launch and Season 2021

- Passenger ferry was launched into the water on 11 May 2021 at the construction location in Swansboro, NC. The builder is working with the U.S. Coast Guard to finalize requirements for a Certificate of Inspection.
- The 2021 passenger ferry season started on 06/21/21. Sea Streak was again contracted to provide service between Hatteras and Ocracoke. This year's schedule includes three daily departures from each terminal for a total of six departures. The fare is \$5 each way or \$10 round trip with an additional \$1 charge for bicycles each way. Operators are following CDC and TSA COVID19 guidelines by requiring a face mask when in the indoor seating area.

Vessel construction projects

- Salvo- Dock and sea trials are slated for the end of July
- Avon- The contractor has committed to building a new hull (costs still to be determined). New steel is arriving on site and being laid down after the contractor created a new jig for the hull. NCDOT has received initial comments from 3rd party review and will use these comments in the future. The current expected delivery is early 2022

Sloop's Channel

- The Ferry Division has received permits from Division of Coastal Management and Division of Water Resources. The US Army Corp of Engineers is still under a 30-day EPA review. All permits are expected by mid-July. Funding has not been identified for dredging activities.
- Due to the shoaling issues in Sloop's Channel the Ferry Division will be running a modified summer schedule beginning May 18. The schedule will expand from 52 to 60 daily departures instead of the 72 departures originally planned.

Nine-Foot Channel, Pamlico Sound

- The Ferry Division is implementing a feasibility study regarding the utilization of Nine-Foot Channel in lieu of Big Foot Slough for accessing Ocracoke at Silver Lake Harbor. It is believed to be a more stable route which will reduce service interruptions due to loss of navigability in Big Foot Slough.

Shoreside Infrastructure

- Ocracoke Comfort Center and Crew Dormitory damaged by Hurricane Dorian – The NTP was issued two weeks ago and work has begun. It current estimate for completion is November 2021.
- Shipyard HVAC Refurbishments— This project has been awarded and is expected to begin in the next 7 – 10 days. Functional AC in the offices is expected to be in place by late July 2021. Full project completion expected by early September 2021.

Information Technology Projects

- Ferry Tracker is moving to testing phase. This program will provide a real-time map illustrating ferry movements and expected to link to the TIMS and DRIVE NC pages to illustrate route status which will prove very useful in times of emergency when route closure notifications are crucial.

Human Resources

- We currently have 415 on board with additional 90 temps and have 10 positions posted across the Division.



MULTI MODAL TRANSPORTATION COMMITTEE

FERRY DIVISION REPORT

SUBMITTED BY: HAROLD THOMAS

BUDGET UPDATES

○

ANNOUNCEMENTS

NEW

- Preparations underway for 75th Anniversary of Ferry Division
- 2021 Passenger Ferry Season

UPCOMING

- IT Technical requirements – various projects

MEETINGS ATTENDED (List any key meetings attended this month)

- Dare and Hyde County Waterways Meetings
- DEI Advisory Group

CLOSING THOUGHTS



MULTI MODAL TRANSPORTATION COMMITTEE

INTEGRATED MOBILITY DIVISION REPORT

SUBMITTED BY: RYAN BRUMFIELD

BOARD OF TRANSPORTATION
AUGUST 4, 2021

PROJECTS

- CASSI Autonomous Shuttle – the CASSI Autonomous Shuttle completed its deployment at the Wright Brothers National Memorial last month. CASSI transported well over 3,000 passengers during the 3 months it was at the site. This was the first autonomous vehicle launched at a national park site in the country. It is remarkable to see the future of transportation technology showcased at the birthplace of flight. IMD is working with other municipalities on the next deployments of CASSI and will announce those locations soon.
- Transportation to Vaccination Sites – In January, IMD and DHHS released \$2.5 Million in funding to North Carolina transit systems to provide trips to vaccination sites for those with transportation challenges. Communities throughout the state are implementing innovative solutions to respond to this pressing challenge. As of July 8, NC transit agencies reported traveling over 135,000 miles to provide nearly 17,000 trips to vaccine sites for nearly 11,000 people.
- Mobility for All Project in Northeast NC – In June 2020, FTA awarded \$280,000 to NCDOT and the Inter-County Public Transportation Authority (ICPTA) for a pilot project in northeastern North Carolina to integrate an innovative trip scheduling software with NCCARE360 to improve healthcare access. The pilot covers five counties- Pasquotank, Perquimans, Camden, Chowan, and Currituck. ICPTA recently wrapped up software vendor procurement and selected Via, the same vendor providing a turnkey microtransit solution in Wilson. A key difference from Wilson's service model is that Via will install their software on ICPTA's existing vehicles, operated by ICPTA employees. In Wilson, Via provides the vehicles and independent contractor drivers. IMD anticipates similar outcomes to the Wilson project including shorter wait times and increased demand for public transit. However, given ICPTA's broad regional coverage over a five-county area, IMD is eager to see how the outcomes differ from Wilson's service which is restricted to Wilson city limits. This is a great opportunity to pilot on-demand microtransit in a very rural setting over a large geographic coverage area.
- Another Way to Get From Here to There Webinar Series – In October 2020 IMD launched a new innovations webinar series, "Another Way to Get From Here to There." This series is an opportunity for IMD to showcase the projects, programs, and innovations they are working on, and to promote new technologies to a broad audience of state and local leaders. Recent events included a session in February about the Charlotte Gateway Station, discussion about transportation equity in April, and updates about the CASSI project in June. A transit technology showcase and update on the Wilson microtransit project is planned for August.

BUDGET UPDATES

- Processing of CARES Act eligible claims continues. FTA awarded an additional \$9.6 Million in CARES Funding for rural transit providers in March and an additional \$14 Million in CARES funding for intercity bus providers in April.
- IMD is collaborating with the North Carolina Public Transportation Authority (NCPTA) and a working group of transit systems to determine the optimal use of additional federal stimulus dollars for rural transit, provided in American Rescue Plan Act and the Coronavirus Response and Relief Supplemental Appropriations Act.



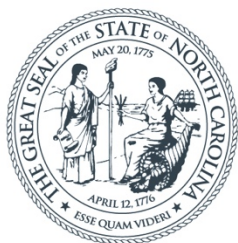
MULTI MODAL TRANSPORTATION COMMITTEE

INTEGRATED MOBILITY DIVISION REPORT

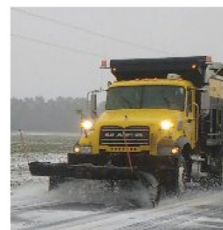
SUBMITTED BY: RYAN BRUMFIELD

ANNOUNCEMENTS	
<u>NEW</u>	<u>UPCOMING</u> <ul style="list-style-type: none">• Another Way to Get from Here to There: IMD Innovation & Technology Webinar Series – August – Transit Technology Showcase;• August 23 – S-Line Advisory Committee (elected officials) kick-off meeting in Wake Forest

MEETINGS ATTENDED
<ul style="list-style-type: none">• CRTPO Monthly Transportation Staff meeting to present updates on IMD – July 14• Complete Streets Core Technical Team meeting hosted by IMD – July 28



NORTH CAROLINA Department of Transportation



Pedestrian Safety in North Carolina

Ryan Brumfield, PE
Director, Integrated Mobility Division

August 4, 2021

 Raleigh News & Observer

Raleigh will look to improve safety where car crashed into businesses in Five Points

UPDATE: 73-year-old man says he didn't realize he'd hit and killed 6-year-old boy in roadway

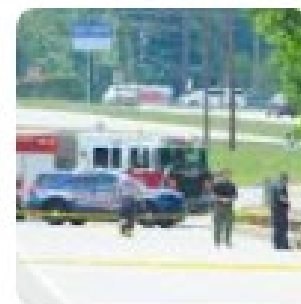


 Wilkes Journal-Patriot

Hit and run believed to have caused 2 deaths

Investigators believe two people found deceased Sunday near the Curtis Bridge Road bridge over the Yadkin River in Wilkesboro had been ...

1 month ago



 WNCT

Arrest made in hit-and-run incident in Craven County that kills teen, injures two others

Michael Rivenbark, 14, of New Bern was pronounced dead on the scene. ...
According to Sgt. B. A. Taylor with NC State Highway Patrol, ...



NC Traffic Safety Facts

- On average, 1,432 people are killed in crashes on roadways in NC each year (2015 – 2019)
- In 2019, NC ranked 5th in traffic fatalities nationally (but 9th in population)
- 1,662 fatalities in 2020

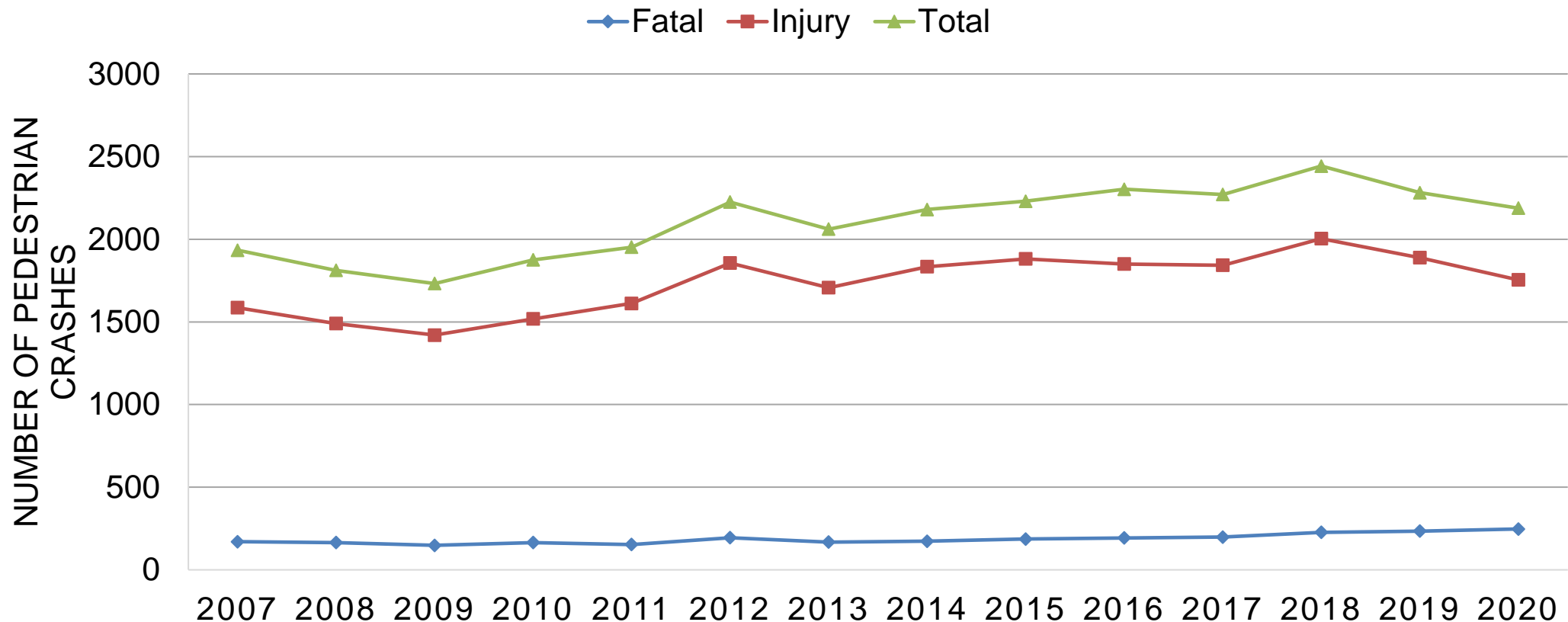
Overall

- 203 pedestrians are killed per year on average (2015 – 2019)
- In 2019, NC ranked 7th in pedestrian fatalities (but 4th through first half of 2020)
- 241 pedestrian fatalities in 2020 (est.)

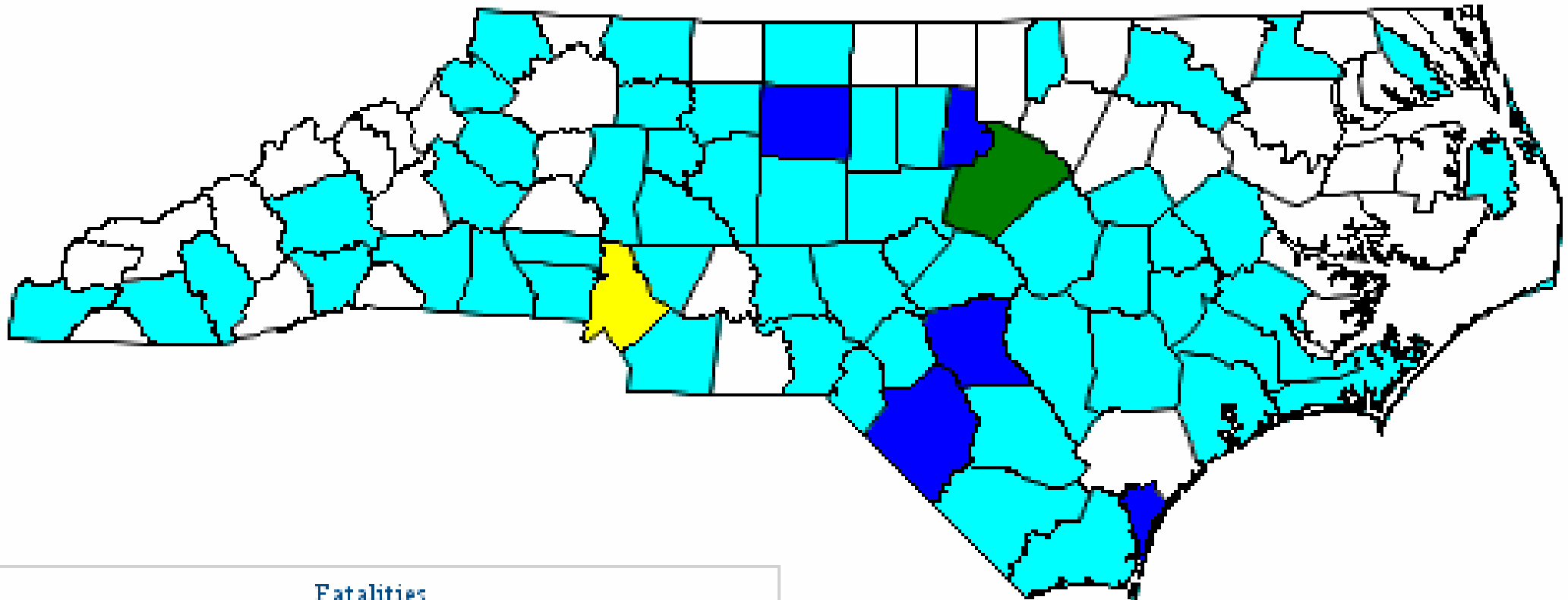
Pedestrians

Pedestrian fatalities have continued to rise in NC over the last several years.

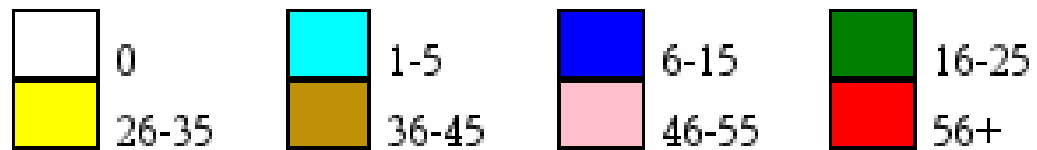
STATEWIDE PEDESTRIAN CRASHES 2007-2020



2019 Pedestrian Fatalities by County



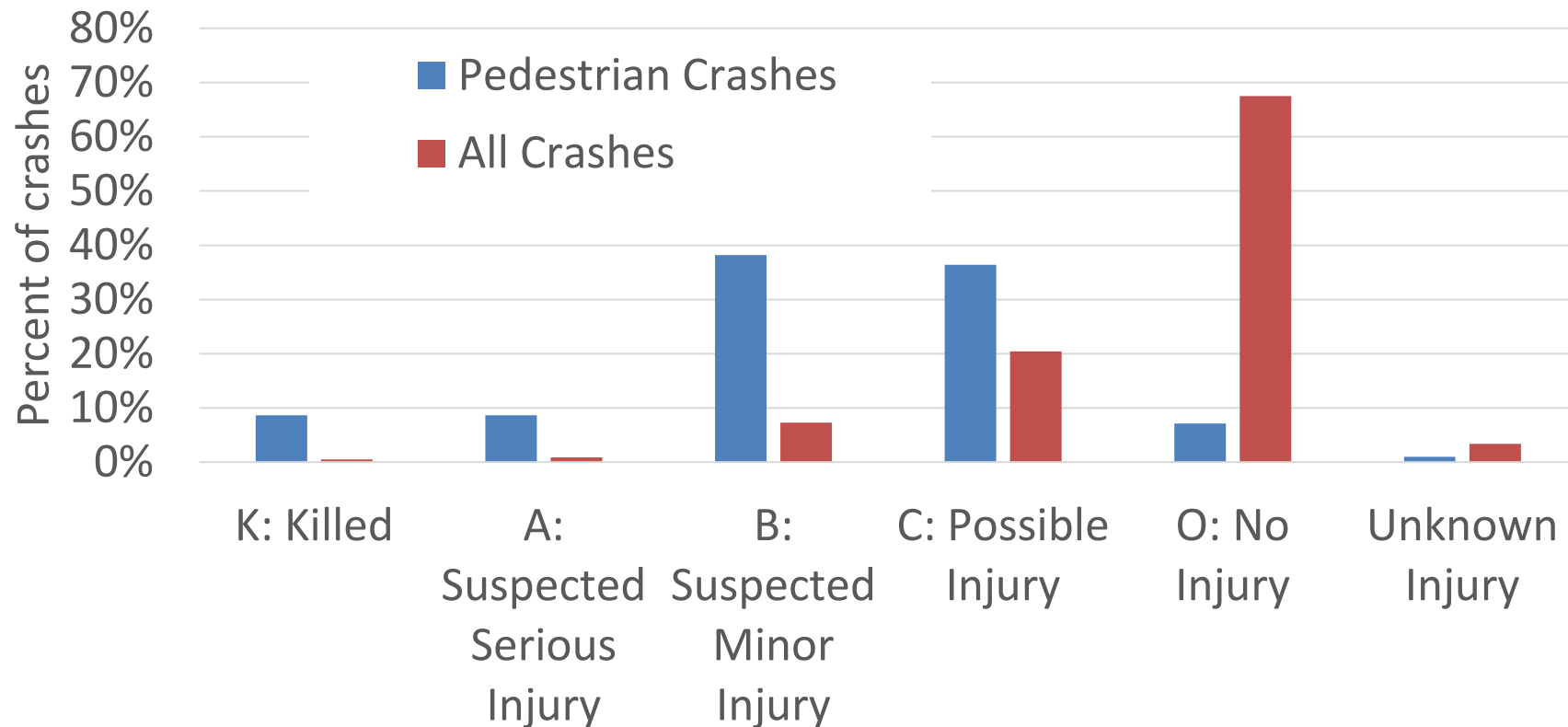
Fatalities



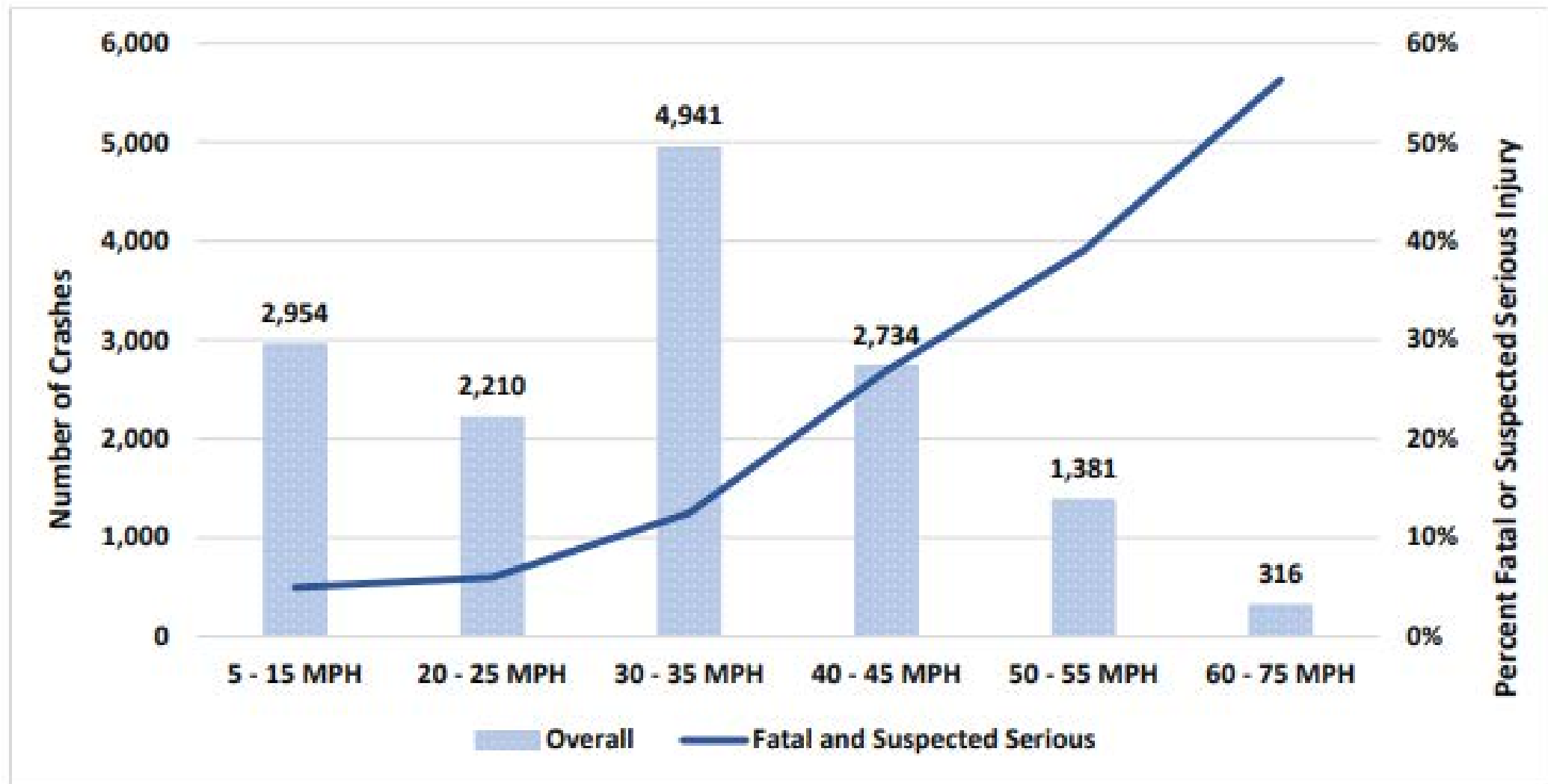
Source: NHTSA

Crash Severity in NC

- Pedestrian crashes result in serious injuries and death much more often than an average crash.

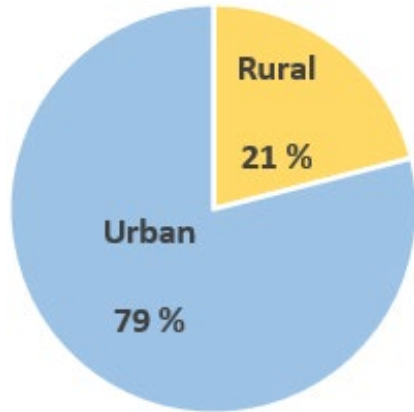


Pedestrian crashes and fatal and serious injuries by posted speed limited (2015-2019)

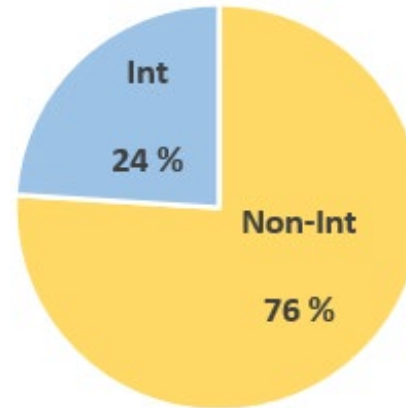


Pedestrian & Bike Crash Type Trends

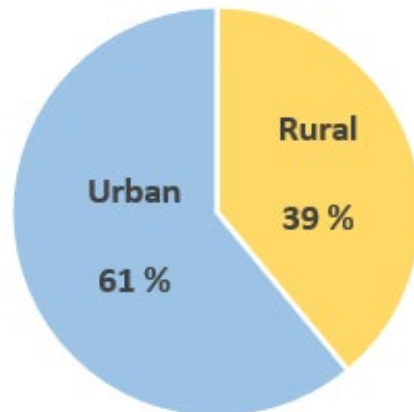
Pedestrian & Bike – All Crashes



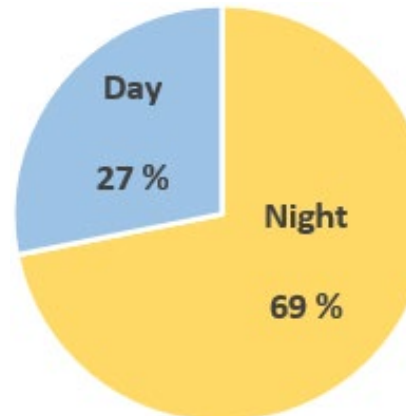
Ped/Bike - Int/Non-Int Related – Fatal and Serious Injuries



Pedestrian & Bike – Fatal and Serious Injuries



Ped/Bike - Day/Night – Fatal and Serious Injuries

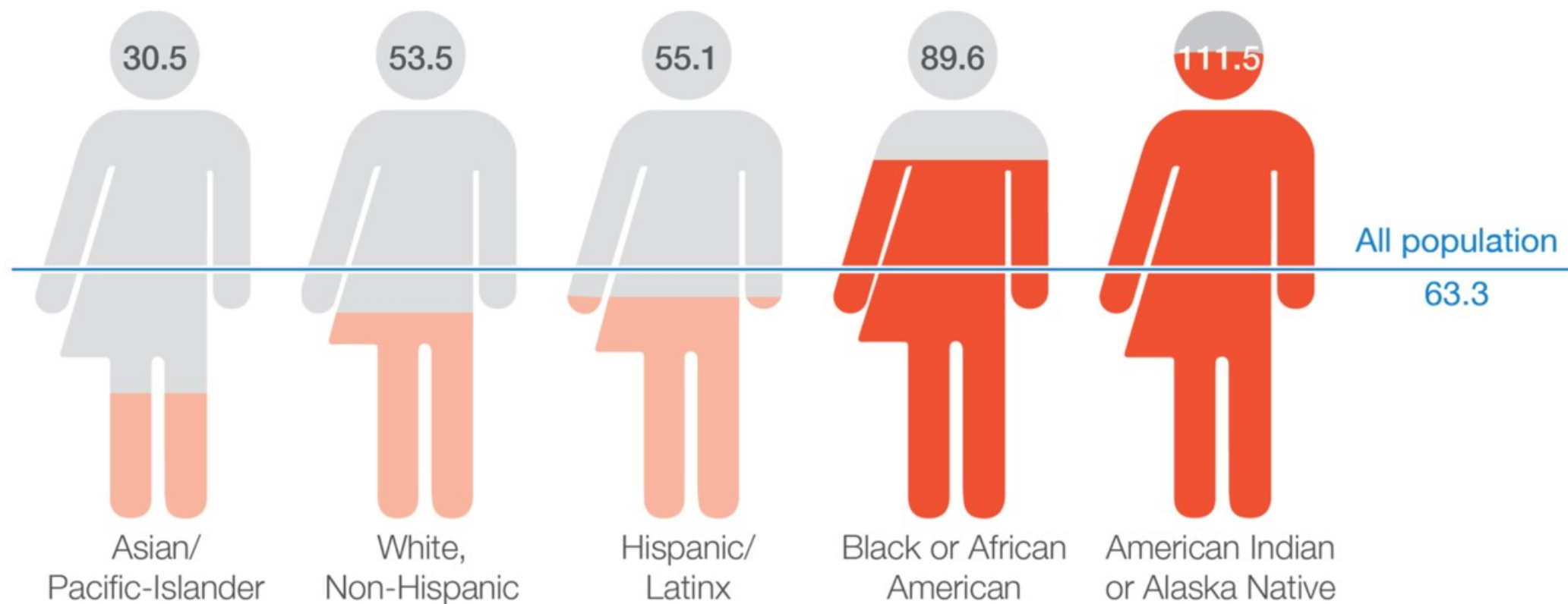


- 20.5% of pedestrian crashes in NC involve a pedestrian crossing the roadway when a vehicle is not turning (mid-block)
- 19% of pedestrian crashes involve pedestrians walking along a roadway
- 19% of pedestrian crashes involve pedestrians crossing roadways when a vehicle is turning (though only 4% of fatalities)

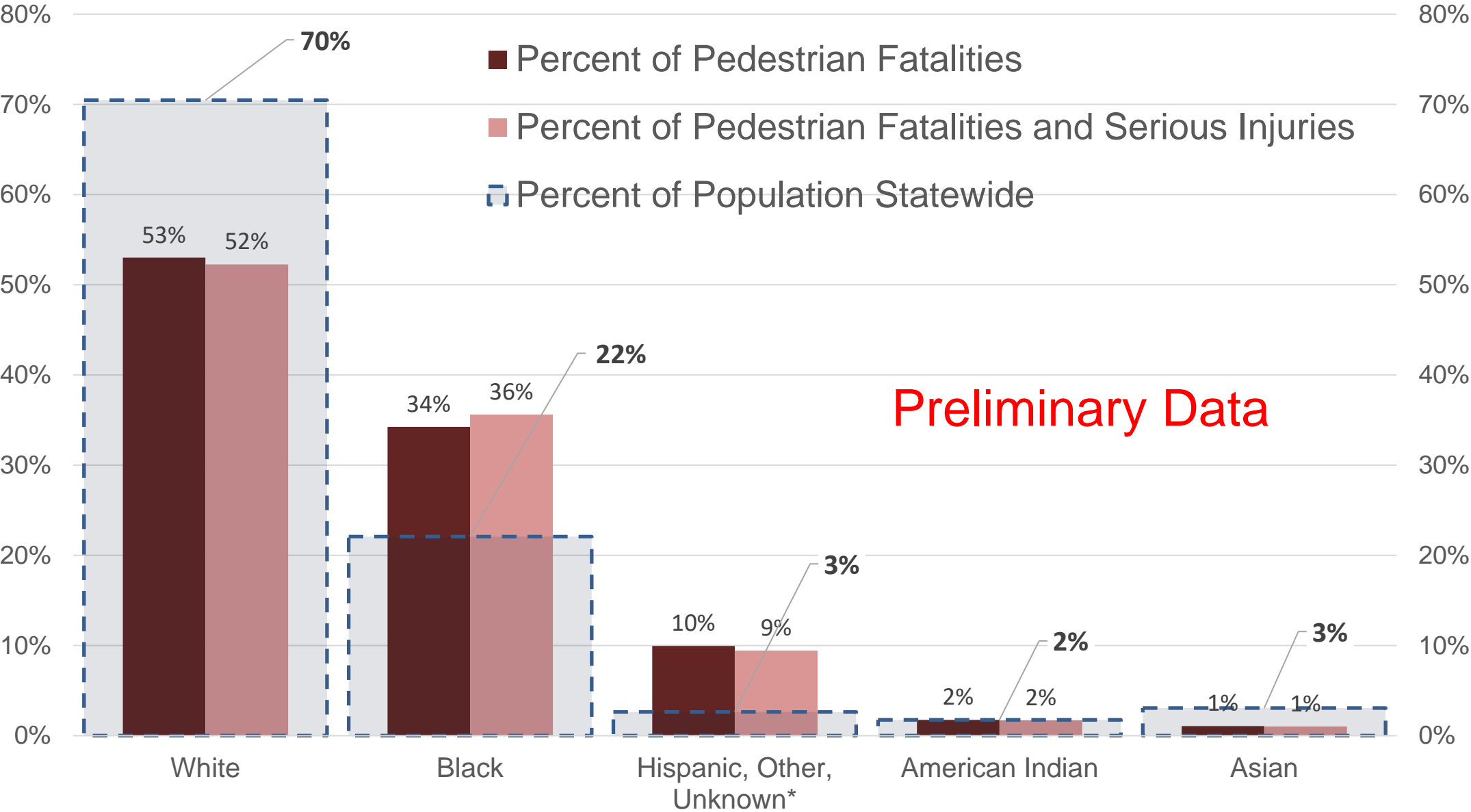
The burden is not shared equally

Relative pedestrian danger by race and ethnicity
(2010-2019)

Smart Growth
America,
Dangerous By
Design, 2021

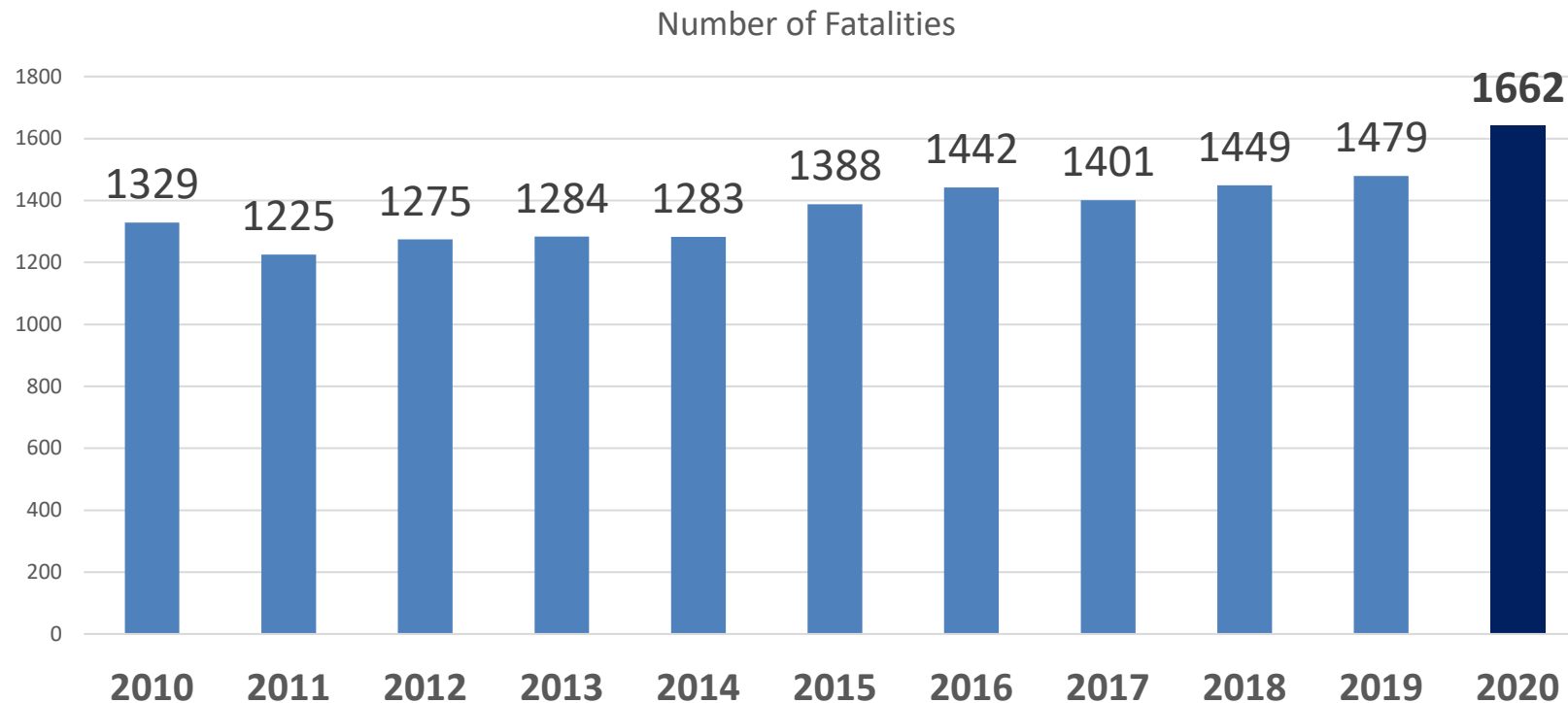


Pedestrian Fatalities and Serious Injuries by Race in NC



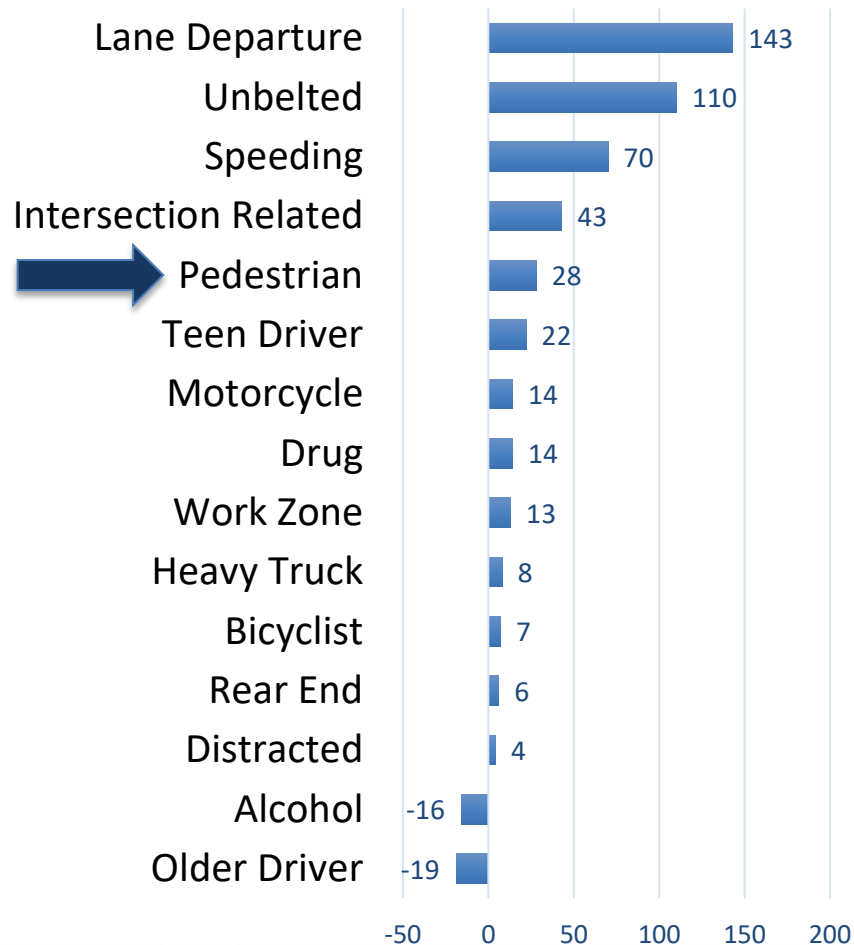
Recent Fatality Trends

- There were 1,662 road fatalities in NC in 2020, a **12%** increase from 2019.

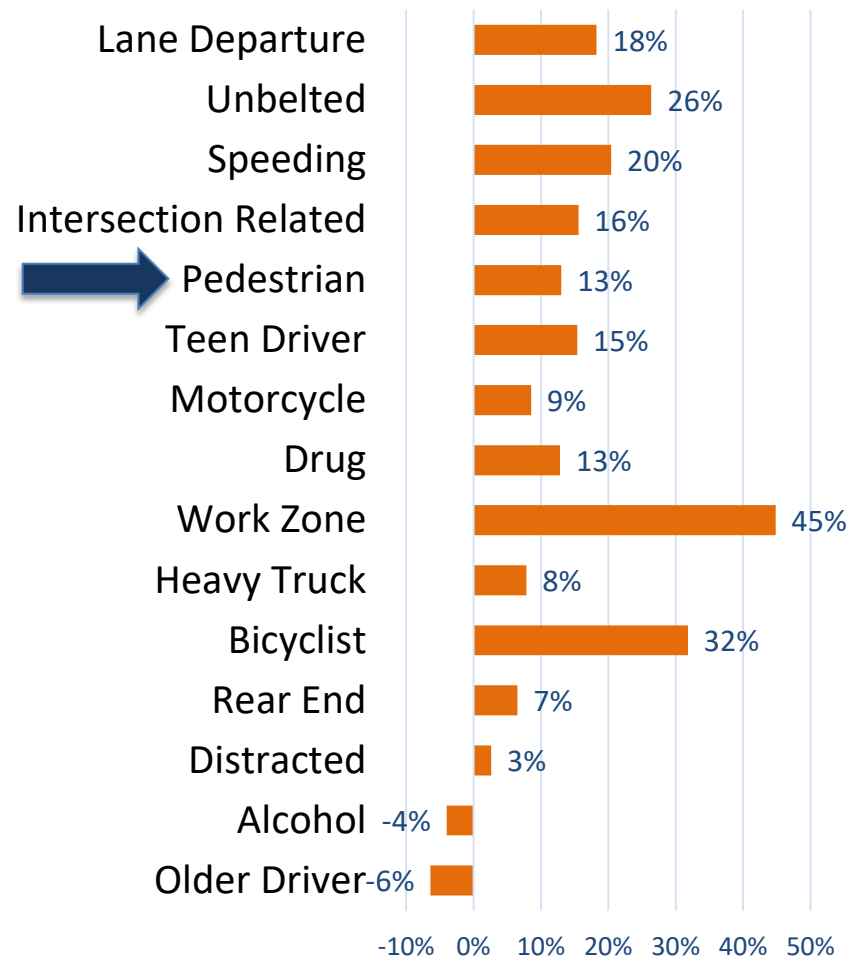


Fatalities by Crash Type

Change in frequency from
"normal" (5 year average)



Change by percent from
"normal" (5 year average)





SHSP Goal

- Reduce all fatalities and serious injuries by half by 2035, moving towards zero by 2050.



Strategies to Reduce Pedestrian Fatalities

- Implement Complete Streets Policy
- Improve bike and pedestrian infrastructure planning and implementation
- Increase deployment of proactive & systemic safety countermeasures
- Advance technologies like connected and autonomous vehicles

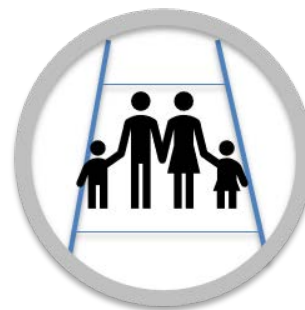
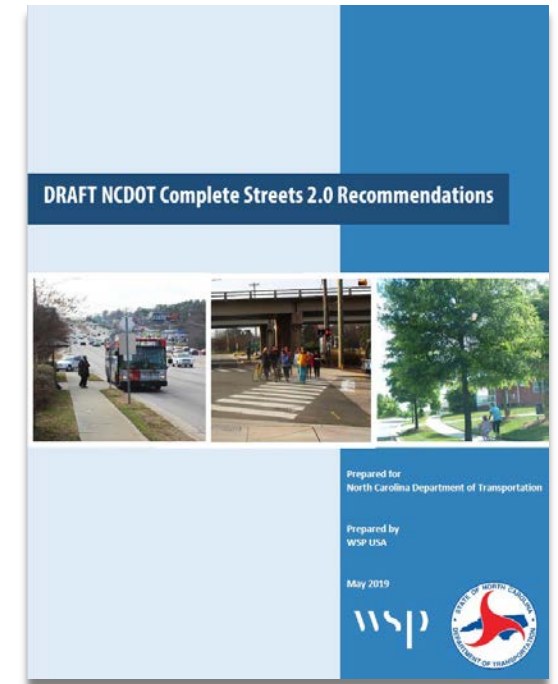
NCDOT Complete Streets Policy

NCDOT Complete Streets 2.0 Recommendations – Action Plan (2018)

Complete Streets Policy (August 8, 2019)

Complete Streets Implementation Guide

Frequently Asked Questions (FAQs)



Complete Streets Goals

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



FY20

- Bessemer City
- Cameron

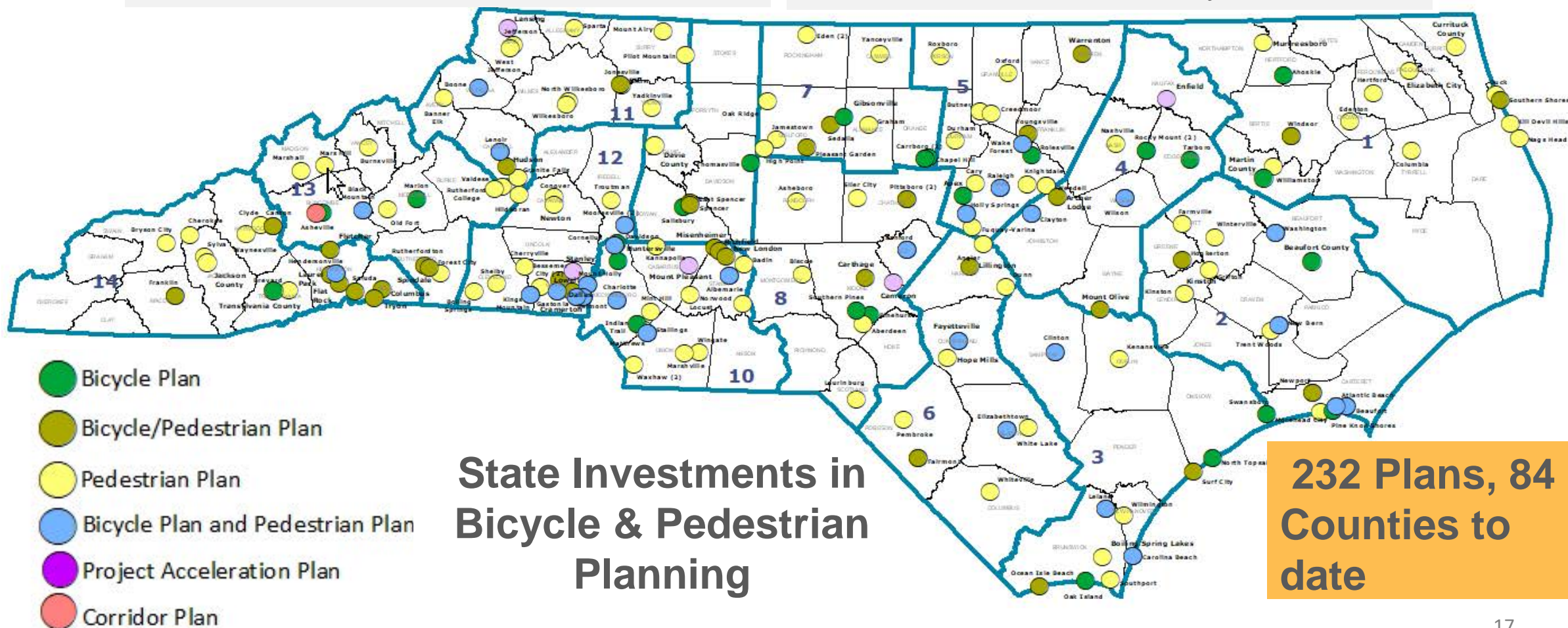
- Clayton
- Eden
- Gastonia
- Hope Mills
- Lansing
- Martin County
- Mooresville
- Murfreesboro
- Stanley
- Waxhaw

FY21

- Edenton
- Littleton
- Smithfield

- Fuquay-Varina
- Dunn
- Greensboro
- Aberdeen
- Laurinburg
- Granite Quarry

- Weaverville
- Mills River
- Brevard
- Navassa
- Rolesville
- Troutman



**232 Plans, 84
Counties to
date**



Proactive vs. reactive



Based on risk factors rather than crash data



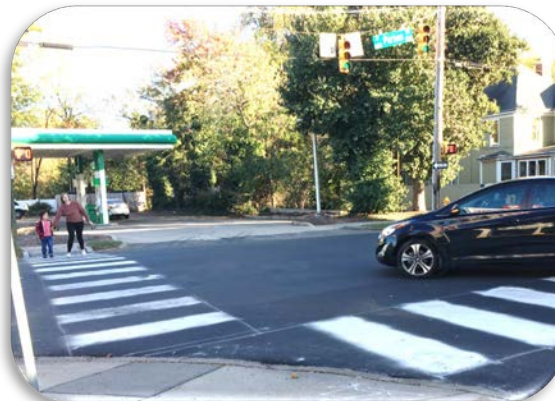
Can help with prioritization of low-cost, widely implementable countermeasures

Systemic Analysis for Pedestrian Safety

Pedestrian Crash Reduction Strategies

Pedestrian Safety Countermeasures:

- VISIBILITY
 - Signs
 - Markings
 - Lighting
 - Flashing beacons



Pedestrian and Bike Crash Strategies

Pedestrian and Bike Safety Countermeasures:

- PROTECTION
 - Active control
 - Signals
 - Hybrid Beacons
 - Speed management

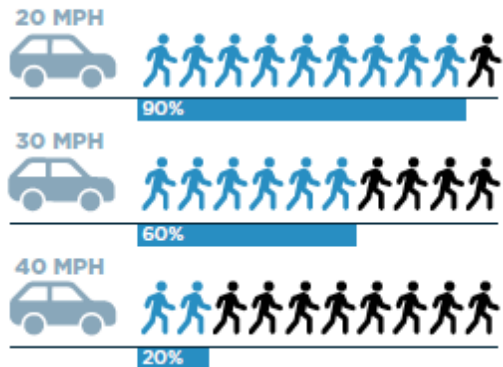


A pedestrian's chance of survival exponentially increases at lower speeds.²⁵

If hit by a vehicle driven at this speed a:

■ Person survives the collision

■ Collision results in fatality



Pedestrian and Bike Crash Strategies

Pedestrian and Bike Safety Countermeasures:

- CONTROL
 - Refuge islands
 - Marked crosswalks
 - Lead pedestrian interval at signals
 - Separate facilities, sidewalks, bridges, etc.







Integrated Mobility Division

N.C. DEPARTMENT OF TRANSPORTATION

Mission

Provide leadership for safe, affordable, and innovative multimodal transportation throughout North Carolina

Ryan Brumfield, Director

Integrated Mobility Division
rmbumfield@ncdot.gov
919-707-2601

Core Goals:

**Increase
Access**

**Enhance
Quality of Life**

**Ensure
Safety**



MULTI MODAL TRANSPORTATION COMMITTEE

RAIL DIVISION REPORT

SUBMITTED BY: JASON ORTHNER

BOARD OF TRANSPORTATION
AUGUST 4, 2021

PROJECTS

Southeast Corridor (SEC)

- NCDOT received an FY 20 Consolidated Rail Infrastructure and Safety Improvement (CRISI) grant from the Federal Railroad Administration for the acquisition of the S-Line extending from Raleigh to Ridgeway, NC. FRA awarded \$47.5M to NCDOT, the largest award in the FY 20 program. The grant for acquisition of the corridor follows completion of the federal Environmental Impact Statement and Record of Decision for the route in 2017, positioning the S-line project for future federal funding opportunities. Virginia signed their transaction with CSX this year which includes the S-line down to NC. Acquisition process is ongoing and sets the stage for future incremental upgrades of the corridor that eventually will connect Raleigh to Petersburg as the missing link in support of the overall Southeast Corridor. Development of the corridor will connect communities, provide economic development opportunities, and provide significantly reduced passenger trip times for rail services extending from North Carolina to Virginia and the northeast.

Carolina Connector Intermodal (CCX)

Construction is targeted for completion by end of third quarter with opening of the facility in beginning of fourth quarter 2021.

- CSX is finalizing their operations network changes associated with direct service between CCX and the Midwest including destinations in Chicago, St. Louis, and connections to the western US. CSX indicates that the new facility will be the center of domestic intermodal for CSX for the region and an important link to international markets. Marketing and development coordination continues between CSX, Carolinas Gateway Partnership, NC Ports, and NCDOT.

Charlotte Gateway Station (CGS)

- Rail Division continues to lead the CGS Phase 1 including track, bridges, platforms, and concourse. Phase 1 completion is targeted for early 2023. Signal construction work has begun and track construction will begin over the next few months. All bridges are nearly complete.
- A developer team, Charlotte Gateway Partners, has been selected by the City for the Phase 2 that will build the station and surrounding large-scale, multi-story and multi-use development in Uptown Charlotte. Construction on Phase 2 is currently projected to begin in 2023.

New Rail Equipment Project – Piedmont Renewal and Investment in Modern Equipment (PRIME)

- The PRIME (Piedmont Renewal and Investment in Modern Equipment) program, supported by \$157M in FRA grants, will replace and add capacity to the aging Piedmont service rail fleet. The project also makes improvements to the NCDOT Charlotte Rail Equipment Maintenance Facility that will allow the facility to be used as the future base of major maintenance operations for the new fleet. Rail Division is working with various stakeholders in the development of the program. An RFP is targeted to be released this summer to further the process to select an equipment vendor.

BUDGET UPDATES

ANNOUNCEMENTS

MEETINGS ATTENDED

- 7/7/2021 – Statewide Freight Advisory Committee meeting, Virtual
- 7/12/2021 – CCX marketing meeting with NCDOT, NC Ports, CSX, and Carolinas Gateway Partnership, Virtual
- 7/13/2021 – Quarterly NS, NCR, Amtrak, NCDOT Passenger Operations Committee meeting, Raleigh
- 7/22/2021 – NCR Progress In Motion Webinar – Director Orthner presented