



## **NORTH CAROLINA** Department of Transportation



# NC Transportation Build NC Bonds

Stephanie J. King - Chief Financial Officer

Ronnie Keeter, Chief Engineer

December 10, 2020

## **Build NC Bond Program**

**Build NC, which became effective Jan. 1, 2019, is a financing tool that will ensure the N.C. Department of Transportation can continue strong delivery of critical road projects at the regional and division tiers.**

- **Issuances can not exceed three billion dollars (\$3,000,000,000) over 10 years**
- **Single issuance can not exceed \$300,000,000 unless otherwise allowed**

# Build NC Legislation

Session Law 2018-16 established the following requirements to sale Build NC Bonds:

- Subject to appropriation by the General Assembly & requires repayment of debt from the Highway Trust Fund
- The State Treasurer shall not issue any Build NC Bonds unless
  - (i) the State Treasurer recommends the issuance of the Build NC Bonds and
  - (ii) the State Treasurer has made a determination that all requirements are met
- NCDOT must have an average month-end cash balance for the first three months in the calendar year prior to the date of determination is equal to or less than \$1 billion dollars
- Build NC Bonds outstanding after issuance does not exceed the recommended transportation debt target established by the Debt Affordability Advisory Committee in accordance with G.S. 142-101.

# Build NC Legislation

## Session Law 2020-91 (House Bill 77)

- **Section 4.3 Build NC Bond Additional Issue**
  - Authorizes the State Treasurer to issue \$700,000,000 in Build NC Bonds.
  - Net proceeds shall be used on currently existing projects (project that is as of June 1, 2020, in the process of design or construction).
- **Section 5.1.(a) G.S. 143B-350, subsection (f) 1c. BOT Approval**
  - Requires Board of Transportation to review and approve the use of bonds, including for federally funded projects.

# Build NC PROGRAM PLAN

- Preliminary plan called for \$300 million in bonds to be issued each year for the next 10 years for \$3 Billion:
  - Issued:
- |           |               |            |               |
|-----------|---------------|------------|---------------|
| 6/27/2019 | \$300 million | 11/12/2020 | \$700 million |
|-----------|---------------|------------|---------------|
- Rating: Moody's - Aa1, Fitch AA+, S&P AA+
- Bonds structured with 15 year planned amortization
- Total Outstanding Debt after the SFY 2021 issuance - \$984 million

## Build NC PROGRAM SUMMARY

	2019	2021	Total Sales	Total Outstanding
Principal	\$ 300,000,000	\$ 700,000,000	\$ 1,000,000,000	\$ 984,040,000
Premium	57,343,616	148,687,449		
Total Proceeds	\$ 357,343,616	\$ 848,687,449		
True Interest Cost (TIC)	2.262%	1.538%	1.900%	AVERAGE TIC

# Estimated Sources and Uses 2020 Projects

**Sources:**

**Bond Proceeds:**

<b>Par Amount</b>	<b>\$ 700,000,000</b>
<b>Net Premium</b>	<b>148,687,449</b>
	<hr/>
<b>Total Sources</b>	<b>\$ 848,687,449</b>
	<hr/>

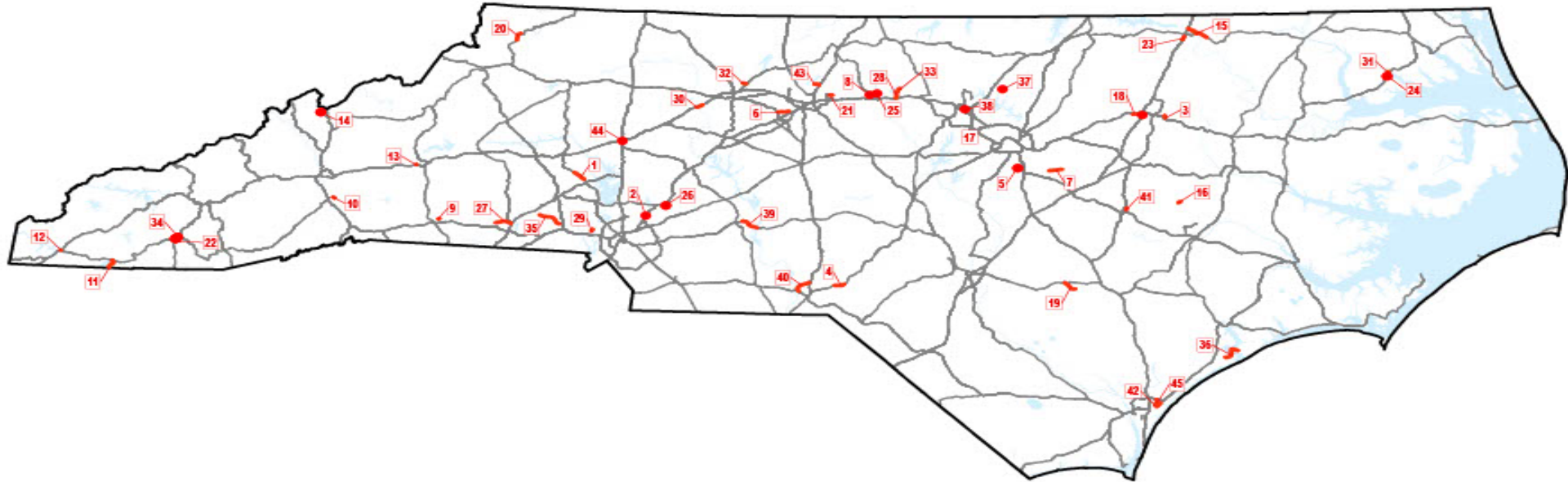
**Uses:**

<b>Project Fund Deposits</b>	<b>\$ 781,420,235</b>
<b>Debt Service Reserve Fund</b>	<b>64,869,100</b>
<b>Issuances Costs</b>	<b>2,398,113</b>
	<hr/>
<b>Total</b>	<b>\$ 848,687,449</b>
	<hr/>



# Build NC Bond Sale 2020 – Project Locations

## BUILD NC 2020 PROJECT LOCATIONS



1. R-3100A - NC 16 IN CATAWBA COUNTY
2. U-5806 - SR 2894 (CONCORD MILLS BOULEVARD) IN CABARRUS COUNTY
3. U-4762 - SR 1250 (SPRINGFIELD ROAD) IN EDGEcombe COUNTY
4. R-2501C - US 1 IN RICHMOND COUNTY
5. B-5237 - SR 2703 (NEW BETHEL CHURCH ROAD) IN WAKE COUNTY
6. U-2412A - SR 1486 (GREENSBORO RD) / SR 4121 (HIGH POINT RD) IN GUILFORD COUNTY
7. R-3825B - NC 42 IN JOHNSTON COUNTY
8. U-6015 - BURLINGTON - GRAHAM SIGNAL SYSTEM IN ALAMANCE COUNTY
9. U-5833 - SR 2241 (OAK STREET) IN RUTHERFORD COUNTY
10. U-5840 - SR 1547 (OLD AIRPORT ROAD) IN HENDERSON COUNTY
11. R-5742 - NC 175 IN CLAY COUNTY
12. R-5735 - US 19/US 74/ US 64/US 129 IN CHEROKEE COUNTY
13. U-5818 - SR 1001 (SUGAR HILL ROAD) IN MCDOWELL COUNTY
14. B-6012 - SR 1341 (FOSTER CREEK ROAD) IN MADISON COUNTY
15. R-2582A - US 158/NC 46 IN NORTHAMPTON COUNTY

16. R-5812 - US 13 BYPASS IN GREENE COUNTY
17. U-5827 - SR 1632 (LOUIS STEPHENS DRIVE) IN WAKE COUNTY
18. U-5026R-5720 - I-95 AND SR 1770 (EASTERN AVENUE) IN NASH COUNTY
19. R-2303E - NC 24 IN SAMPSON COUNTY
20. R-2915E - US 221 IN ASHE COUNTY
21. U-2581BA - US 70 IN GUILFORD COUNTY
22. R-5734A - US 23/US 441 IN MACON COUNTY
23. R-3822 - NEW ROUTE IN HALIFAX COUNTY
24. B-5606 - SR 1338 (WYNNE FORK ROAD) IN PERQUIMANS COUNTY
25. U-5843 - US 70 (NORTH CHURCH STREET) IN ALAMANCE COUNTY
26. B-5136 - US 29/US 601 IN CABARRUS COUNTY
27. R-2707C - US 74 SHELBY BYPASS IN CLEVELAND COUNTY
28. U-3109A - NC 119 IN ALAMANCE COUNTY
29. U-3633 - NC 273 (SOUTH MAIN STREET) IN GASTON COUNTY
30. I-0911A - I-40 IN DAVIE/FORSYTH COUNTY

31. R-4467 - US 17 BUSINESS/ NC 37 IN PERQUIMANS COUNTY
32. U-2579C - FUTURE I-74 IN FORSYTH COUNTY
33. U-3109B - NC 119 IN ALAMANCE COUNTY
34. U-5604 - US 441 BUSINESS IN MACON COUNTY
35. W-5212N - NC 279 (DALLAS CHERRYVILLE HIGHWAY) IN GASTON COUNTY
36. W-5602 - NC 172 IN ONSLOW COUNTY
37. R-5707 - NC 56 IN GRANVILLE COUNTY
38. U-5968 - CITY OF DURHAM SIGNAL SYSTEM IN DURHAM COUNTY
39. R-2530B - NC 24-27 IN STANLY COUNTY
40. R-3421A/B - US 220 BYPASS / FUTURE I-73 / FUTURE I-74 IN RICHMOND COUNTY
41. U-2714 - US 117/US 117 BUS. IN WAYNE COUNTY
42. U-4751 - SR 1409 (MILITARY CUTOFF ROAD EXTENSION) IN NEW HANOVER COUNTY
43. U-2525C - FUTURE I-840 IN GUILFORD COUNTY
44. I-3819B - I-40/1-77 IN IREDELL COUNTY
45. U-4902D - US 17 BUSINESS (MARKET STREET) IN NEW HANOVER COUNTY





## Build NC Bond Sale 2020 Projects

BOND ID	STIP	PROJECT DESCRIPTION	AMOUNT
1	R-3100A	NC 16 FROM NORTH OF SR 1814 (CALDWELL ROAD) TO SR 1895 (TOWER ROAD). WIDEN ROADWAY TO FOUR LANES.	19,328,762
2	U-5806	SR 2894 (CONCORD MILLS BOULEVARD) AT CONCORD MILLS ENTRANCE #1 - KINGS GRANT PAVILION. CONSTRUCT FLYOVER.	7,390,550
3	U-4762	SR-1250 (SPRINGFIELD ROAD) FROM US-64 ALTERNATE TO SR-1243 (LEGGETT ROAD). WIDEN TO MULTI-LANES.	4,156,847
4	R-2501C	US-1 FROM NORTH OF SR-1606 (FOX ROAD) TO SOUTH OF SR-1001. WIDEN TO FOUR LANES WITH VARIABLE WIDTH MEDIAN.	2,812,766
5	B-5237	REPLACE BRIDGE #248 OVER MAHLER CREEK ON SR-2703	3,064,281
6	U-2412A	SR-1486/SR-4121 (GREENSBORO/HIGH POINT ROAD) FROM I-74 / US 311 TO WEST OF SR-1480 (VICKREY CHAPEL ROAD). WIDEN TO MULTILANES, PART ON NEW LOCATION.	27,201,940
7	R-3825B	NC-42 FROM EAST OF SR-1902 (GLEN LAUREL ROAD) TO SR-1003 (BUFFALO ROAD). WIDEN TO MULTI-LANES.	26,609,659
8	U-6015	BURLINGTON - GRAHAM SIGNAL SYSTEM	5,420,986
9	U-5833	SR 2241 (OAK STREET EXTENSION) FROM SR 2159 (PINEY RIDGE ROAD) TO US 74A. WIDEN ROADWAY.	3,718,157
10	U-5840	SR 1547 (OLD AIRPORT ROAD) FROM US 25 TO MILL GAP ROAD. WIDEN ROADWAY.	3,573,279
11	R-5742	NC 175 FROM THE GEORGIA STATE LINE TO US 64. UPGRADE ROADWAY.	12,279,222
12	R-5735	US 19/74/64/129 FROM END OF 4 LANE DIVIDED SECTION TO US 19 BUSINESS (HIWASSEE STREET). IMPROVE ROADWAY.	16,893,555
13	U-5818	SR 1001 (SUGAR HILL ROAD) FROM I-40 WESTBOUND RAMPS TO 0.3 MILES WEST OF I-40 EASTBOUND RAMPS. WIDEN ROADWAY.	9,170,613
14	B-6012	SR 1341 (FOSTER CREEK ROAD) OVER FOSTER CREEK. REPLACE BRIDGE #73.	3,450,148
15	R-2582A	US-158/NC-46 FROM I-95/NC-46 IN ROANOKE RAPIDS TO SR-1312 (ST JOHN CHURCH STREET). WIDEN TO MULTI-LANES.	54,713,340
16	R-5812	US-13 BYPASS FROM NC-58 (KINGOLD BOULEVARD) TO NC-91. WIDEN TO MULTI-LANES.	3,198,183
17	U-5827	SR-1632 (LOUIS STEPHENS DRIVE) FROM POPLAR PIKE LANE IN MORRISVILLE TO SR 2153 (LITTLE DRIVE) IN RESEARCH TRIANGLE PARK. CONSTRUCT ROADWAY ON NEW LOCATION.	3,271,577
18	U-5026/ R-5720	SR-1770 (SUNSET AVENUE/EASTERN AVENUE) FROM SR-1003 (RED OAK ROAD) TO SR-1544 (HALIFAX ROAD). WIDEN TO MULTI-LANES. AND I-95 AT SR 1770 (SUNSET AVENUE) IN ROCKY MOUNT. CONVERT GRADE SEPARATION TO AN INTERCHANGE.	38,092,415

## Build NC Bond Sale SFY 2020 Projects

BOND ID	STIP	PROJECT DESCRIPTION	AMOUNT
19	R-2303E	NC-24 FROM US-421/701 AND SR-1296 (SUNSET AVENUE) TO EAST OF SR-1935 (CECIL ODIE ROAD). CONSTRUCT FOUR LANE DIVIDED FACILITY, PART ON NEW LOCATION.	20,300,807
20	R-2915E	US 221 FROM US 221 BYPASS TO US 221 BUSINESS/NC 88 IN JEFFERSON. WIDEN ROADWAY TO FOUR LANES.	20,633,459
21	U-2581BA	US-70 (BURLINGTON ROAD) FROM W OF SR-3045 (MT HOPE CHURCH ROAD) /SR-2819 (MCLEANSVILLE ROAD) TO EAST OF SR-2826 (BIRCH CREEK ROAD). WIDEN TO MULTILANES.	11,590,114
22	R-5734A	US 23/US 441 FROM US 64 TO SR 1652 (WIDE HORIZON DRIVE)/SR 1152 (BELDEN CIRCLE). IMPLEMENT ACCESS MANAGEMENT IMPROVEMENTS.	10,584,491
23	R-3822/ U-5725	NEW ROUTE FROM NC 125 TO SOUTH OF US 158. CONSTRUCT TWO LANE FACILITY PARALLEL TO I-95.	15,246,841
24	B-5606	REPLACE BRIDGE #11 OVER RACCOON CREEK ON SR 1338.	1,255,330
25	U-5843	US 70 (CHURCH STREET) AT SR 1817 (GRAHAM-HOPEDALE ROAD) IN BURLINGTON. INTERSECTION IMPROVEMENTS.	2,093,663
26	B-5136	US 29 OVER NORFOLK SOUTHERN RAILROAD. REPLACE BRIDGES #66 AND #69.	2,167,074
27	R-2707C	US 74 (SHELBY BYPASS) FROM EAST OF NC 226 TO EAST OF NC 150. CONSTRUCT FREEWAY ON NEW LOCATION.	29,665,073
28	U-3109A	NC-119 RELOCATION FROM I-40/85 TO SR-1921 (MEBANE ROGERS ROAD/ STAGE COACH ROAD). WIDEN TO MULTILANE FACILITY, PART ON NEW LOCATION.	14,329,933
29	U-3633	NC 273 (SOUTH MAIN STREET) FROM TUSKAGEE ROAD AT BEATTY DRIVE TO HIGHLAND STREET AT A&E DRIVE IN MOUNT HOLLY. WIDEN ROADWAY TO FOUR LANES.	5,642,536
30	I-0911A	I-40 FROM WEST OF NC-801 IN DAVIE COUNTY TO EAST OF SR-1101 FORSYTH COUNTY. WIDEN TO SIX LANES.	25,389,461
31	R-4467	US-17 BUS/NC-37 (NORTH CHURCH STREET) FROM SOUTH OF THE PERQUIMANS RIVER BRIDGE TO NORTH OF NC-37. CONSTRUCT TWO LANE FACILITY AND REPLACE BRIDGE 710008.	34,286,622
32	U-2579C	WINSTON-SALEM NORTHERN BELTWAY (EASTERN SECTION) FROM US-311 TO US-158 (FUTURE I-74). CONSTRUCT FREEWAY ON NEW LOCATION.	8,280,880
33	U-3109B	NC-119 RELOCATION NORTH OF SR-1921 (MEBANE ROGERS ROAD) TO SOUTH OF SR-1918 (MRS WHITE ROAD). CONSTRUCT MULTILANE FACILITY ON NEW LOCATION.	5,173,396
34	U-5604	US 441 BUSINESS/WAYAH ST INTERSECTIONS FROM WOMACK ST TO DEPOT ST IN FRANKLIN. IMPROVE INTERSECTIONS.	2,665,517
35	W-5212N	NC 279 (DALLAS CHERRYVILLE HIGHWAY) FROM SR 1438 (ST. MARK'S CHURCH ROAD) TO NORTH OF NC 275. CONSTRUCT SAFETY IMPROVEMENTS.	11,219,719

## Build NC Bond Sale SFY 2020 Projects

BOND ID	STIP	PROJECT DESCRIPTION	AMOUNT
36	W-5602	NC-172 (SNEADS FERRY ROAD) FROM NC-210 TO CAMP LEJEUNE GATE. CONVERT TWO LANE ROADWAY TO THREE LANE ROADWAY WITH A TWO WAY LEFT TURN LANE.	5,553,206
37	R-5707	NC-56 AT US-15 AND NC-50 IN CREEDMOOR. REALIGN INTERSECTIONS.	1,431,444
38	U-5968	CITY OF DURHAM SIGNAL SYSTEM	11,573,732
39	R-2530B	NC 24/27 FROM BIRD ROAD IN ALBERMARLE TO WEST OF THE PEE DEE RIVER. WIDEN TO MULTILANES.	37,064,612
40	R-3421A/B	I-73/74 FROM US-74 BYPASS WEST OF ROCKINGHAM AT SR-1109 (ZION CHURCH ROAD) TO NORTH OF SR-1304 (HARRINGTON ROAD). CONSTRUCT FREEWAY ON NEW LOCATION.	73,038,351
41	U-2714	US-117/US-117 BUS. FROM NORTH OF US-70 TO SR-1571 (TOMMY'S ROAD) IN GOLDSBORO. WIDEN ROADWAY AND MAKE SAFETY IMPROVEMENTS.	11,656,483
42	U-4751	SR-1409 (MILITARY CUTOFF ROAD EXTENSION) FROM SR-1409 (MILITARY CUTOFF ROAD) TO US-17 (MARKET STREET) IN WILMINGTON. CONSTRUCT MULTI-LANE FACILITY ON NEW LOCATION.	39,616,695
43	U-2525C	GREENSBORO EASTERN LOOP FROM US-29 NORTH OF GREENSBORO TO SR-2303 (LAWNDALE DRIVE). CONSTRUCT FREEWAY ON NEW LOCATION.	36,484,671
44	I-3819B	I-40/I-77 INTERCHANGE AREA. CONSTRUCT FINAL INTERCHANGE IMPROVEMENTS.	86,859,635
45	U-4902D	US-17 BUSINESS (MARKET STREET) FROM SR-1403 (MIDDLE SOUND LOOP ROAD) TO SR 2290 (MENDEHNALL DRIVE)/SR-2734 (MARSH OAKS DRIVE) IN WILMINGTON. ACCESS MANAGEMENT IMPROVEMENTS.	13,270,210
			<b>781,420,235</b>

## **Build NC PROGRAM PLAN**

- **How does the 2020 Bond Issuance impact the STIP?**
  - Kept 45 active projects in progress
  - Without the bond issuance, STIP delays would have been more
  - It also stabilized the trust fund balances in the STIP