## North Carolina Turnpike Authority

NCTA Finance Committee Meeting

October 19, 2022



#### **Finance Committee**

#### **Other Board Members**



J. Eric Boyette Chairman of the Board







Sam Hunt IV Board Member







Charles 'Chuck' Travis III Board Member



**Robert D. Teer Jr.** Finance Committee Chairman



John Adcock Finance Committee Member

e Committee Member



Dr. Pamela Gibson Senegal Finance Committee Member



James 'Jim' Walker Finance Committee Member

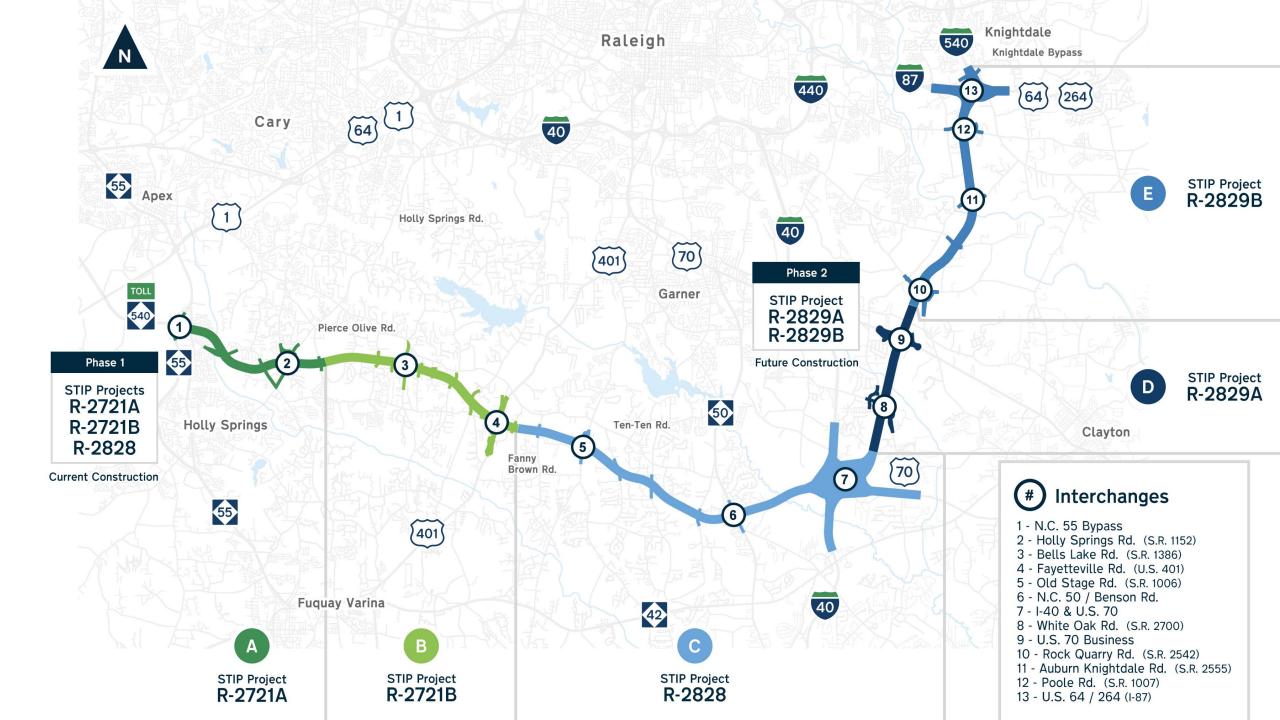
## **Opening Comments & NCTA By-Laws Update**

J.J. Eden Executive Director

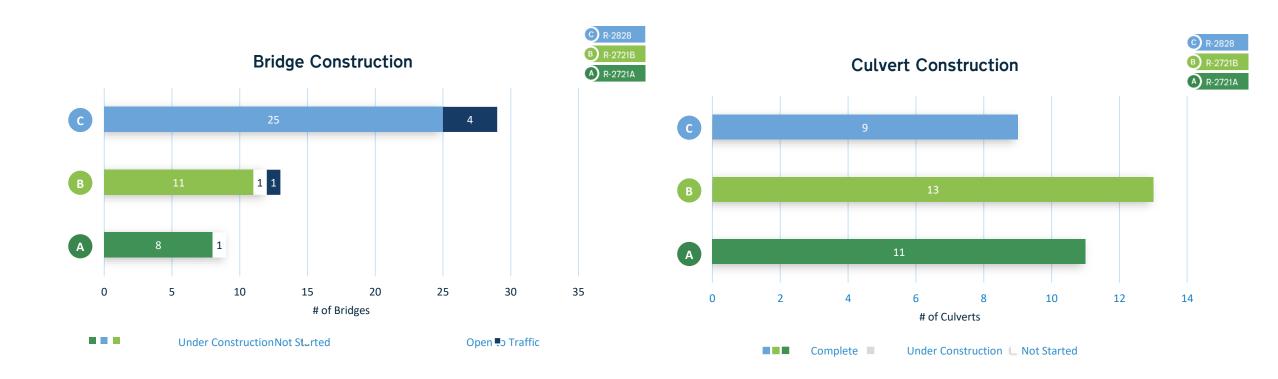
## Complete 540 Construction Update

#### Dennis Jernigan, P.E.

Interim Chief Engineer



#### **Bridge & Culvert Construction**





## Complete 540 Openings

- Holland Church Road
  - September 2022
- Lassiter Road and Wooded Acres Street
  - August 2022
- Deerborn Drive Extension
  - July 2022
- New Bethel Church Road
  - July 2022
- Kildaire Farm Road
  - May 2022
- Fanny Brown Road
  - November 2021





#### Benson Road



### **Detours and Closures**

- Pierce Olive Road
  - Temporary closure
  - Closed July 2022
  - Closure scheduled to last eight months

A

- Deer Meadow Drive
  - Temporary Closure
  - Closed July 2022
  - Closure scheduled to last twelve months
- U.S. 70 West Loop to I-40 East
  - Permanent closure
  - Closed July 2022
  - New turbine scheduled to open 14 months after closure





#### **On-Site Detours**

- Sunset Lake Road (both crossings)
- Holly Springs Road
- West Lake Road
- Bells Lake Road
- US-401
- Old Stage Road
- Sauls Road
- NC-50





Home » News » Press Releases » Upcoming Bells Lake Road Traffic Shift as Part of Complete 540 Construction

#### Upcoming Bells Lake Road Traffic Shift as Part of Complete 540 Construction

#### **Published Date:**

**RALEIGH** - The North Carolina Turnpike Authority is continuing construction of the southern portion of the Complete 540 project, which will extend the Triangle Expressway (Toll N.C. 540) from N.C. 55 Bypass to Interstate 40.

On or around July 21, contractors for the project have scheduled a temporary traffic shift on Bells Lake Road for Toll N.C. 540 construction. Bells Lake Road traffic will shift to an on-site temporary detour that is scheduled for approximately 12 months.

Signage will be installed advising travelers of the upcoming on-site detour. Drivers should use caution and slow down while traveling through work zones and detour routes.

Construction updates for the Complete 540 project can be found by visiting ncdot.gov/projects/complete-540/Pages/planned-construction.aspx.

7/15/2022

#### Share this page:



\*\*\*NCDOT\*\*\*

#### U.S. 401/ Fayetteville Road









## Complete 540 Phase 2 Update

Dennis Jernigan, P.E.

Interim Chief Engineer

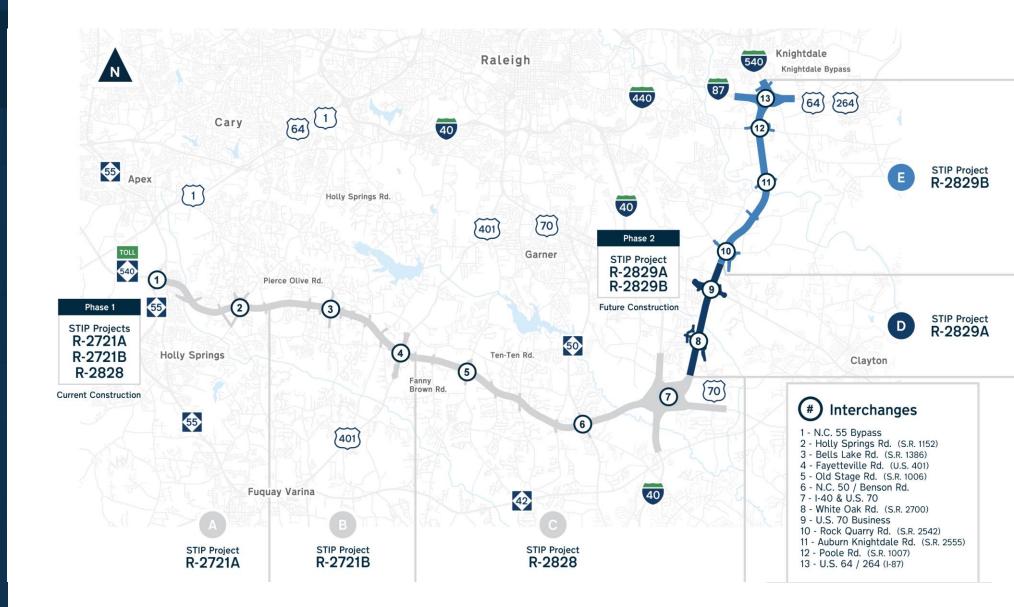
#### Complete 540 Phase 2

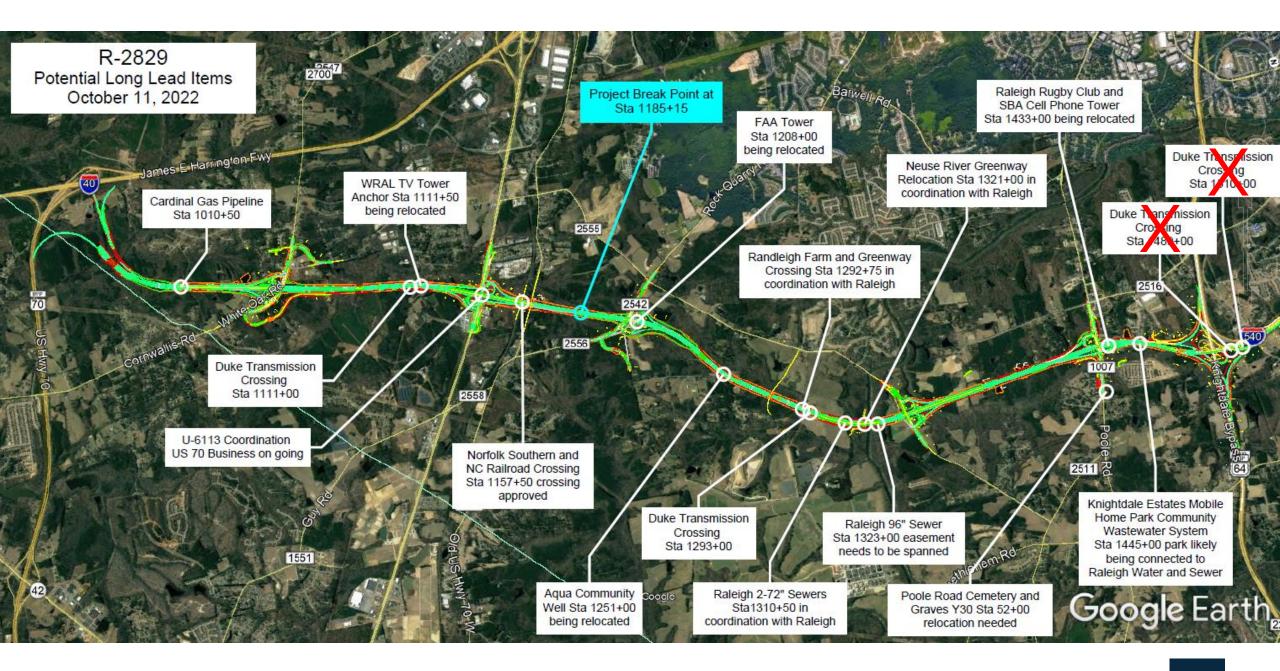
#### R-2829A

- 4.4 miles
- 2 full interchanges + 1 partial

#### R-2829B

- 6.6 miles
- 3 full
  interchanges +
  1 partial





## **Community Outreach**

#### Dennis Jernigan, P.E.

Interim Chief Engineer



## 2022 Complete 540 Outreach



#### **Public Meetings**

Over 2,700 participants over 70 public meetings



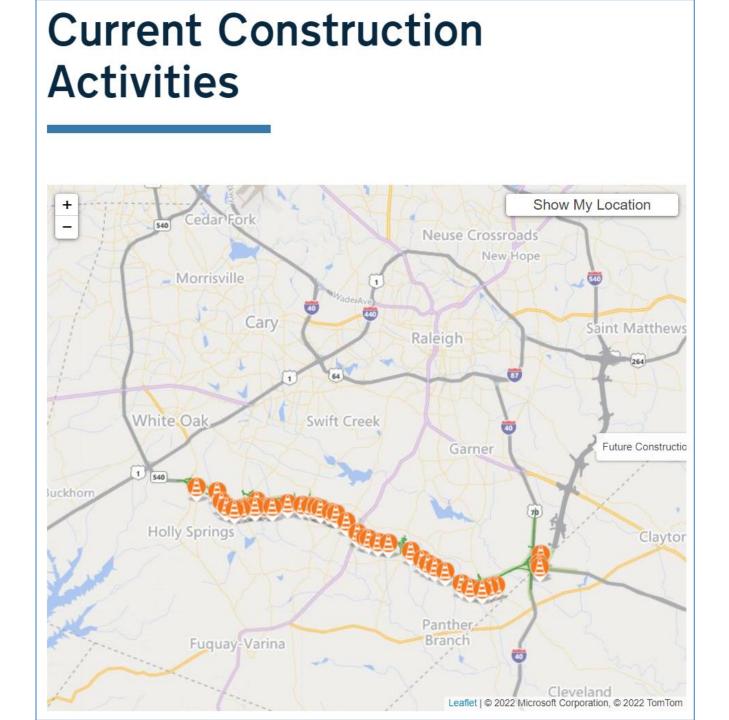
#### **Informing Residents**

6,817 postcards & 25 Nextdoor posts



#### **Resident Inquiries**

329 emails & 257 calls to the Complete 540 Hotline





# **Complete 540 Spend Update**

Travis Feltes, P.E.

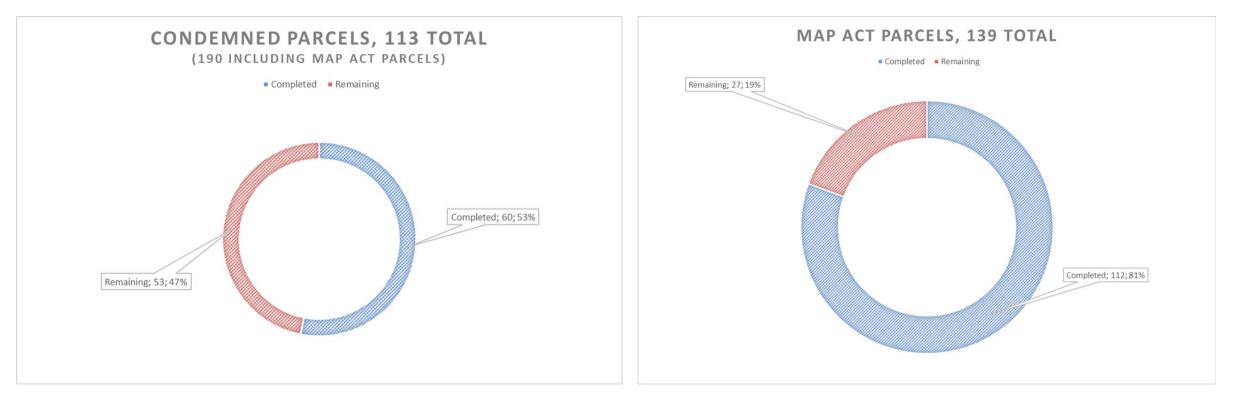
Project Engineer

### Plan of Finance Cost Tracking

	DESCRIPTION	Cost Estimate (\$M)	Spent as of September 30, 2022	% of Budget Spent
	Construction	\$ 228.06	\$ 147.21	65%
4	Landscaping	\$ 2.67	\$-	0%
R-2721A	Right of Way	\$ 74.93	\$ 76.06	102%
27	Utilities	\$ 20.67	\$ 14.13	68%
	Agency Costs:	\$ 26.36	\$ 14.07	53%
	PROJECT SUB-TOTAL	\$ 352.69	\$ 251.46	71%
	Construction	\$ 206.03	\$ 140.96	68%
m	Landscaping	\$ 2.32	\$-	0%
R-2721B	Right of Way	\$ 81.67	\$ 83.46	102%
	Utilities	\$ 18.76	\$ 12.38	66%
	Agency Costs:	\$ 21.28	\$ 16.36	77%
	PROJECT SUB-TOTAL	\$ 330.07	\$ 253.17	77%
	Construction	\$ 422.91	\$ 257.38	61%
	Toll Integration	\$ 21.24	\$ 0.75	4%
80	Landscaping	\$ 5.84	\$-	0%
R-2828	Right of Way	\$ 48.99	\$ 57.95	118%
Ċ	Utilities	\$ 36.57	\$ 31.38	86%
	Agency Costs:	\$ 77.14	\$ 55.79	72%
	PROJECT SUB-TOTAL	\$ 612.69	\$ 403.25	66%
	Construction	\$ 857.00	\$ 545.55	64%
	Toll Integration	\$ 21.24	\$ 0.75	4%
Ļ	Landscaping	\$ 10.83	\$-	0%
0	Right of Way	\$ 205.59	\$ 217.47	106%
	Utilities	\$ 76.00	\$ 57.88	76%
	Agency Costs:	\$ 124.78	\$ 86.22	69%
	PROJECT COST FOR FINANCING	\$ 1,295.44	\$ 907.88	70%

### **Right of Way Update**

Project	Standard Parcels	Condemnation Parcels	MAP Act Parcels	Total
R-2721 A	140	44	28	212
R-2721 B	129	33	60	222
R-2828	128	36	51	215
Total	397	113	139	649



## Contingencies

Contingency Item	Current Plan of Finance Budget	Previous Report (6/30/2022 Data)
Third Party Delay Contingency	\$0	\$0
Contingency & Reserves	\$0	\$0
Fuel & AC Reserves	\$4,140,000	\$4,900,000
Total	\$4,140,000	\$4,900,000

Project	Supplement Budget	Supplemental Agreement Total	% Spent	<b>Amount Remaining</b>	% Remaining
R-2721 A	\$43,747,150	\$43,747,150	100%	\$0	0%
R-2721 B	\$47,684,328	\$47,684,328	100%	\$0	0%
R-2828	\$42,878,645	\$41,668,645	97%	\$1,210,000	3%
Total	\$134,310,122	\$133,100,122	99%	\$1,210,000	1%

### Fuel Cost/Hedge

Early in the project, NCTA entered into a Fuel Hedge to de-risk the plan of finance. The premium for this plan was \$254,000 and the strike price for the hedge is \$2.40/gallon.

		Fuel Hedge Payout											
		R-2721A		R-2721B		R-2828		Total		Total			
Prior FY's	\$	(268,277.70)	\$	(316,638.10)	\$	(95,717.90)	\$	(680,633.70)	\$	1,312,450.47			
July-22	\$	(75,620.06)	\$	(111,186.89)	\$	(131,026.81)	\$	(317,833.76)	\$	305,560.48			
August-22	\$	(47,125.28)	\$	(36,116.17)	\$	(121,722.47)	\$	(204,963.91)	\$	232,119.70			
September-22	\$	(101,562.62)	\$	(102,516.30)	\$	(76,561.66)	\$	(280,640.59)	\$	142,160.65			
October-22	\$	-	\$	-	\$	-	\$	-	\$	-			
November-22	\$	-	\$	-	\$	-	\$	-	\$	-			
December-22	\$	-	\$	-	\$	-	\$	-	\$	-			
January-23	\$	-	\$	-	\$	-	\$	-	\$	-			
February-23	\$	-	\$	-	\$	-	\$	-	\$	-			
March-23	\$	-	\$	-	\$	-	\$	-	\$	-			
April-23	\$	-	\$	-	\$	-	\$	-	\$	-			
May-23	\$	-	\$	-	\$	-	\$	-	\$	-			
June-23	\$	-	\$	-			\$	-	\$	-			
	\$	(492,585.65)	\$	(566,457.46)	\$	(425,028.84)	\$(	1,484,071.95)	\$	1,992,291.30			

Project	Pric	ce/Gallon
R-2721A	\$	1.8075
R-2721B	\$	1.8075
R-2828	\$	2.3501

Paid out to the contractor	\$ (1,899,004.07)
Received from the contractor	\$ 414,932.11
Received from the hedge	\$ 1,992,291.30
Net Total	\$ 508,219.34

# NCTA Debt Policy Overview

**David Roy** Chief Financial Officer

### **Debt Management Policy Overview**

- The purpose of this Debt Policy is to establish guidelines and a framework for the issuance and management of NCTA's debt
- NCTA is committed to consistent best practices financial management, including maintaining financial strength and flexibility of NCTA
- The policy will be reviewed by NCTA no less than once every two years
- The policy was adopted on 8/6/2020 and a report on NCTA's debt status is provided each year.

### **Debt Management Policy Overview**

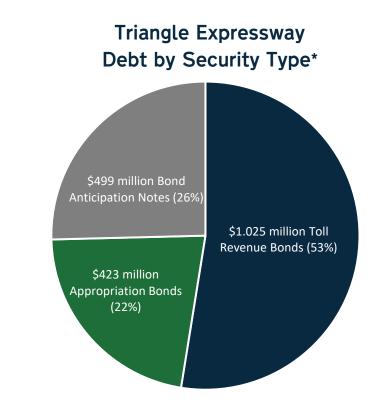
- The policy establishes guidelines and a framework for the following topics:
  - Financial Planning and Debt Issuance
  - Debt Service Coverage Targets and Limits
  - Method of Sale Evaluation
  - Debt Structure
  - Call Provisions
  - Debt Refunding
  - Credit Enhancement and Liquidity
  - Continuing Disclosure
  - Credit Objectives
  - On-going Reporting Requirements

### **On-Going Reporting Requirements**

- Once a year, the Finance Committee and NCTA Board of Directors will receive a report on the status of NCTA's debt including the following information
  - Amount and percentage of total debt by security type broken down by NCTA System
  - Any changes in ratings, including ratings of credit enhancers and swap counterparties
  - Current mark-to-marketed value of all interest rate exchange agreements, if applicable\*
  - Historical rate performance for all variable rate bonds, if applicable\*

Triangle Expressway

- Assured Guaranty Corp. was upgraded from A3 to A2 and Assured Guaranty Municipal Corp. was upgraded from A2 to A1 by Moody's in March
  - Assured Guaranty Corp insures series 2009B
  - Assured Guaranty Municipal Corp. insures series 2017
- S&P revised outlook from negative to stable on the outstanding revenue bonds, BANS, and the TIFIA loan in June



#### Triangle Expressway

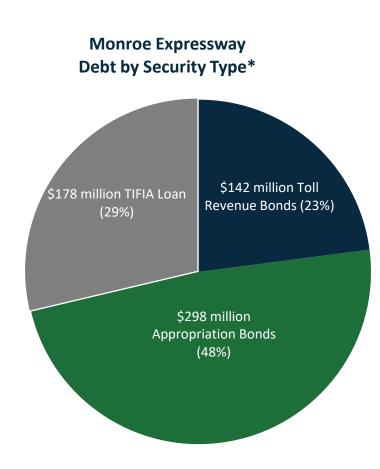
Turnersting	Outstanding		Unc	derlying Rati	ngs	Insured Ratings				
Transaction	Par <sup>1</sup>	Final Maturity	Moody's	S&P	Fitch	Moody's	S&P	Fitch		
\$150,125,000 Triangle Expressway System Appropriation Revenue Refunding Bonds, Series 2018A	150,125,000	1/1/2039	Aa1	AA+	-	-	-	-		
\$161,759,000 Triangle Expressway System Appropriation Revenue Refunding Bonds, Series 2018B	147,592,000	1/1/2032	-	-	-	-	-	-		
\$115,979,250 Triangle Expressway System Appropriation Revenue Bonds, Series 2019 (CAB)	125,596,750	1/1/2049	Aa1	AA+	AA+	-	-	-		
\$35,173,108.85 Triangle Expressway System Revenue Bonds, Series 2009B (CAB)	85,943,637	1/1/2038	Baa2	BBB	BBB	A2	AA	-		
\$200,515,000 Triangle Expressway System Turnpike Revenue Refunding Bonds, Series 2017	171,510,000	1/1/2039	-	BBB	BBB	A1	AA	-		
\$401,155,000 Triangle Expressway System Senior Lien Turnpike Revenue Refunding Bonds, Series 2018	396,420,000	1/1/2041	-	BBB	BBB	-	AA	-		
\$370,975,000 Triangle Expressway System Toll Revenue Bonds, Series 2019	370,975,000	1/1/2055	-	BBB	BBB	-	AA	-		
\$499,460,000 Triangle Expressway System Senior Lien Turnpike Revenue Bond Anticipation Notes, Series 2020	499,460,000	2/1/2024	-	BBB	BBB	-	-	-		
\$499,461,980 Triangle Expressway System TIFIA Loan, 2021	_2	1/1/2058	-	BBB	BBB	-	-	-		
Total	\$1,947,622,387									

1. Accreted value as of July 1, 2022 for Capital Appreciation Bonds.

2. The 2021 TIFIA Loan has not been drawn upon. NCTA intends to fully draw the \$499.46 million TIFIA Loan to pay off the 2020 Toll Revenue BANs at maturity in 2024.

Monroe Expressway

- All credit ratings associated with outstanding debt, including ratings of credit enhancers and swap counterparties, were unchanged over the prior year.
- S&P revised outlook from negative to stable on outstanding senior toll revenue bonds and the TIFIA loan in February



#### Monroe Expressway

	Outstanding		Underlying Ratings					
Transaction	Par <sup>1</sup>	Final Maturity	Moody's	S&P	Fitch			
\$233,920,000 Monroe Connector System State Appropriation Revenue Bonds, Series 2010A	225,545,000	1/1/2041	Aa1	AA+	-			
\$73,985,000 Monroe Expressway System State Appropriation Revenue Refunding Bonds, Series 2021 (Forward Delivery)	72,595,000	7/1/2041	Aa1	AA+	AA+			
\$119,455,000 Monroe Expressway Toll Revenue Bonds, Series 2016A	119,455,000	7/1/2054	Baa3	BBB	-			
\$17,596,904 Monroe Expressway Toll Revenue Bonds, Series 2016C (CAB)	22,647,081	7/1/2041	Baa3	BBB	-			
\$166,500,000 Monroe Expressway System TIFIA Loan, 2016	177,768,160 <sup>2</sup>	7/1/2053	Baa3	BBB	-			
Total	\$618,010,241							

1. Accreted value as of July 1, 2022 for Capital Appreciation Bonds

2. Accrued and unpaid interest is added to the outstanding balance resulting in a loan balance greater than the original draw amount.

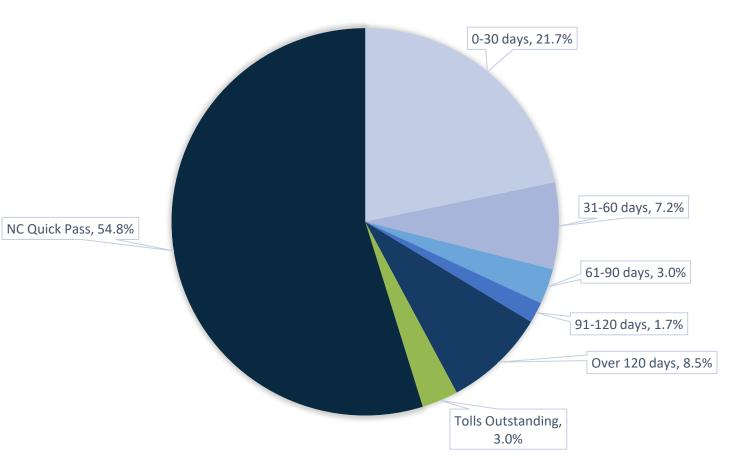
## **Toll Revenue Collection Update**

**David Roy** Chief Financial Officer

#### Fiscal Year 2021 Toll Revenue Collection

#### FY 2021 Statistics

- 77% of tolls collected within 30 days
- 87% of tolls collected within 90 days



## 2023 Triangle & Monroe Expressway Toll Rates

**David Roy** Chief Financial Officer

#### Triangle Expressway Toll Rate Schedule

Scheduled Average	Toll Rate Increases
Before 2017	5.0%
2017 – 2021	3.5%
2022 - 2036	3.0%
After 2036	2.0% or less

#### Triangle Expressway 2023 Toll Rates

											E	ΞΧΙΤ	POINT	Г									
		1	Begin oll 885		Exit 3/2		Exit 69		Exit 66		Exit 64		Exit 62		Exit 59		Exit 57		it 56	Exit 55		Ex	it 54
	Begin Toll 885 - Toll N.C. 885 at I-40			\$	0.43	\$	0.95	\$	1.19	\$	1.71	\$	2.14	\$	2.67	\$	3.31	\$	3.31	\$	3.64	\$	3.80
	Exit 3/2 - Hopson Road / Davis Drive	\$	0.43			\$	0.95	\$	1.19	\$	1.71	\$	2.14	\$	2.67	\$	3.31	\$	3.31	\$	3.64	\$	3.80
	Exit 69 - Chapel Hill Road / N.C. 54	\$	0.95	\$	0.95			\$	0.77	\$	1.29	\$	1.72	\$	2.25	\$	2.89	\$	2.89	\$	3.22	\$	3.38
E	Exit 66 - N.C. 55	\$	1.19	\$	1.19	\$	0.77			\$	0.52	\$	0.95	\$	1.48	\$	2.12	\$	2.12	\$	2.45	\$	2.61
POIN	Exit 64 - Morrisville Parkway	\$	1.71	\$	1.71	\$	1.29	\$	0.52			\$	0.43	\$	0.96	\$	1.60	\$	1.60	\$	1.93	\$	2.09
	Exit 62 - Green Level West Road	\$	2.14	\$	2.14	\$	1.72	\$	0.95	\$	0.43			\$	0.53	\$	1.17	\$	1.17	\$	1.50	\$	1.66
ENTRY	Exit 59 - U.S. 64	\$	2.67	\$	2.67	\$	2.25	\$	1.48	\$	0.96	\$	0.53			\$	1.17	\$	1.17	\$	1.50	\$	1.66
Π	Exit 57 - Old U.S. Hwy 1 / S. Salem St.	\$	3.31	\$	3.31	\$	2.89	\$	2.12	\$	1.60	\$	1.17	\$	1.17			\$	0.30	\$	0.63	\$	0.79
	Exit 56 - U.S. 1	\$	3.31	\$	3.31	\$	2.89	\$	2.12	\$	1.60	\$	1.17	\$	1.17	\$	0.30			\$	0.33	\$	0.49
	Exit 55 - Veridea Parkway	\$	3.64	\$	3.64	\$	3.22	\$	2.45	\$	1.93	\$	1.50	\$	1.50	\$	0.63	\$	0.33			\$	0.49
	Exit 54 - N.C. 55	\$	3.80	\$	3.80	\$	3.38	\$	2.61	\$	2.09	\$	1.66	\$	1.66	\$	0.79	\$	0.49	\$	0.49		

#### Triangle Expressway Toll Rate Change (2022-2023)

										E	XIT	POIN	Т									
		Begin Toll 885	Exit 3/		2 Exit 69		Exit 66		Exit 64		Exit 62		Exit 59		Exit 57		Exit 56		Exit 55		Ex	kit 54
	Begin Toll 885 - Toll N.C. 885 at I-40		\$	0.01	\$	0.02	\$	0.03	\$	0.04	\$	0.05	\$	0.07	\$	8 0.0	\$	8 0. 0	\$	0.09	\$	0.09
	Exit 3/2 - Hopson Road / Davis Drive	\$ 0.01			\$	0.02	\$	0.03	\$	0.04	\$	0.05	\$	0.07	\$	8 0.0	\$	8 0. 0	\$	0.09	\$	0.09
	Exit 69 - Chapel Hill Road / N.C. 54	\$ 0.02	\$	0.02			\$	0.03	\$	0.04	\$	0.05	\$	0.07	\$	8 0.0	\$	8 0.0	\$	0.09	\$	0.09
F	Exit 66 - N.C. 55	\$ 0.03	\$	0.03	\$	0.03			\$	0.01	\$	0.02	\$	0.04	\$	0.05	\$	0.05	\$	0.06	\$	0.06
NIO	Exit 64 - Morrisville Parkway	\$ 0.04	\$	0.04	\$	0.04	\$	0.01			\$	0.01	\$	0.03	\$	0.04	\$	0.04	\$	0.05	\$	0.05
₽ ≻	Exit 62 - Green Level West Road	\$ 0.05	\$	0.05	\$	0.05	\$	0.02	\$	0.01			\$	0.02	\$	0.03	\$	0.03	\$	0.04	\$	0.04
I T R	Exit 59 - U.S. 64	\$ 0.07	\$	0.07	\$	0.07	\$	0.04	\$	0.03	\$	0.02			\$	0.03	\$	0.03	\$	0.04	\$	0.04
EN	Exit 57 - Old U.S. Hwy 1 / S. Salem St.	\$ 0.08	\$	8 0. 0	\$	8 0. 0	\$	0.05	\$	0.04	\$	0.03	\$	0.03			\$	-	\$	0.01	\$	0.01
	Exit 56 - U.S. 1	\$ 0.08	\$	8 0.0	\$	0.08	\$	0.05	\$	0.04	\$	0.03	\$	0.03	\$	-			\$	0.01	\$	0.01
	Exit 55 - Veridea Parkway	\$ 0.09	\$	0.09	\$	0.09	\$	0.06	\$	0.05	\$	0.04	\$	0.04	\$	0.01	\$	0.01			\$	0.01
	<b>Exit 54</b> - N.C. 55	\$ 0.09	\$	0.09	\$	0.09	\$	0.06	\$	0.05	\$	0.04	\$	0.04	\$	0.01	\$	0.01	\$	0.01		

#### Monroe Expressway Toll Rate Schedule

136-89.183 Powers of the	Toll Rate Policy Adopted
Authority	September 17, 2008

Scheduled Average Toll Rate Increases											
2019 – 2025	2.3%										
2025 - 2040	2.1%										

### Monroe Expressway 2023 Toll Rates

									EXIT F	20I	NT						
		I	Exit 255		Exit		Exit		Exit		Exit		Exit		Exit		Exit
			255		257		259		260		264		266		270	2	273
	Exit 255 - U.S. 74 (West)			\$	0.28	\$	0.62	\$	0.83	\$	1.43	\$	1.70	\$	2.31	\$	2.77
	Exit 257 - Indian Trail-Fairview Rd.	\$	0.28			\$	0.34	\$	0.55	\$	1.15	\$	1.42	\$	2.03	\$	2.49
POINT	Exit 259 - Unionville-Indian Trail Rd.	\$	0.62	\$	0.34			\$	0.21	\$	0.81	\$	1.08	\$	1.69	\$	2.15
	Exit 260 - N. Rocky River Rd.	\$	0.83	\$	0.55	\$	0.21			\$	0.60	\$	0.87	\$	1.48	\$	1.94
ΓRΥ	Exit 264 - U.S. 601	\$	1.43	\$	1.15	\$	0.81	\$	0.60			\$	0.27	\$	88.0	\$	1.34
ENTRY	Exit 266 - Morgan Mill Rd.	\$	1.70	\$	1.42	\$	1.08	\$	0.87	\$	0.27			\$	0.61	\$	1.07
	Exit 270 - Austin Chaney Rd.	\$	2.31	\$	2.03	\$	1.69	\$	1.48	\$	0.88	\$	0.61			\$	0.46
	Exit 273 - U.S. 74 (East)	\$	2.77	\$	2.49	\$	2.15	\$	1.94	\$	1.34	\$	1.07	\$	0.46		

#### Monroe Expressway Toll Rate Change (2022-2023)

									EXIT F	20I	NT						
		Exit		Exit		Exit		Exit		Exit		Exit		Exit		E	Exit
		2	255		257		259		260		264		266	270			273
	Exit 255 - U.S. 74 (West)			\$	-	\$	0.01	\$	0.02	\$	0.03	\$	0.03	\$	0.04	\$	0.05
<b>L</b>	Exit 257 - Indian Trail-Fairview Rd.	\$	-			\$	0.01	\$	0.02	\$	0.03	\$	0.03	\$	0.04	\$	0.05
L N I	Exit 259 - Unionville-Indian Trail Rd.	\$	0.01	\$	0.01			\$	0.01	\$	0.02	\$	0.02	\$	0.03	\$	0.04
РО	Exit 260 - N. Rocky River Rd.	\$	0.02	\$	0.02	\$	0.01			\$	0.01	\$	0.01	\$	0.02	\$	0.03
ENTRY	Exit 264 - U.S. 601	\$	0.03	\$	0.03	\$	0.02	\$	0.01			\$	-	\$	0.01	\$	0.02
	Exit 266 - Morgan Mill Rd.	\$	0.03	\$	0.03	\$	0.02	\$	0.01	\$	-			\$	0.01	\$	0.02
	Exit 270 - Austin Chaney Rd.	\$	0.04	\$	0.04	\$	0.03	\$	0.02	\$	0.01	\$	0.01			\$	0.01
	Exit 273 - U.S. 74 (East)	\$	0.05	\$	0.05	\$	0.04	\$	0.03	\$	0.02	\$	0.02	\$	0.01		

## **Contact Us**

ncdot.gov/turnpike

ncquickpass.com

🥤 @NCTurnpike

@NC\_QuickPass

# Thank you!