

Complete 540 Update

Alan Shapiro, P.E.

April 6, 2023



Phase 1
STIP Projects
R-2721A
R-2721B
R-2828

Current Construction

Phase 2
STIP Project
R-2829A
R-2829B

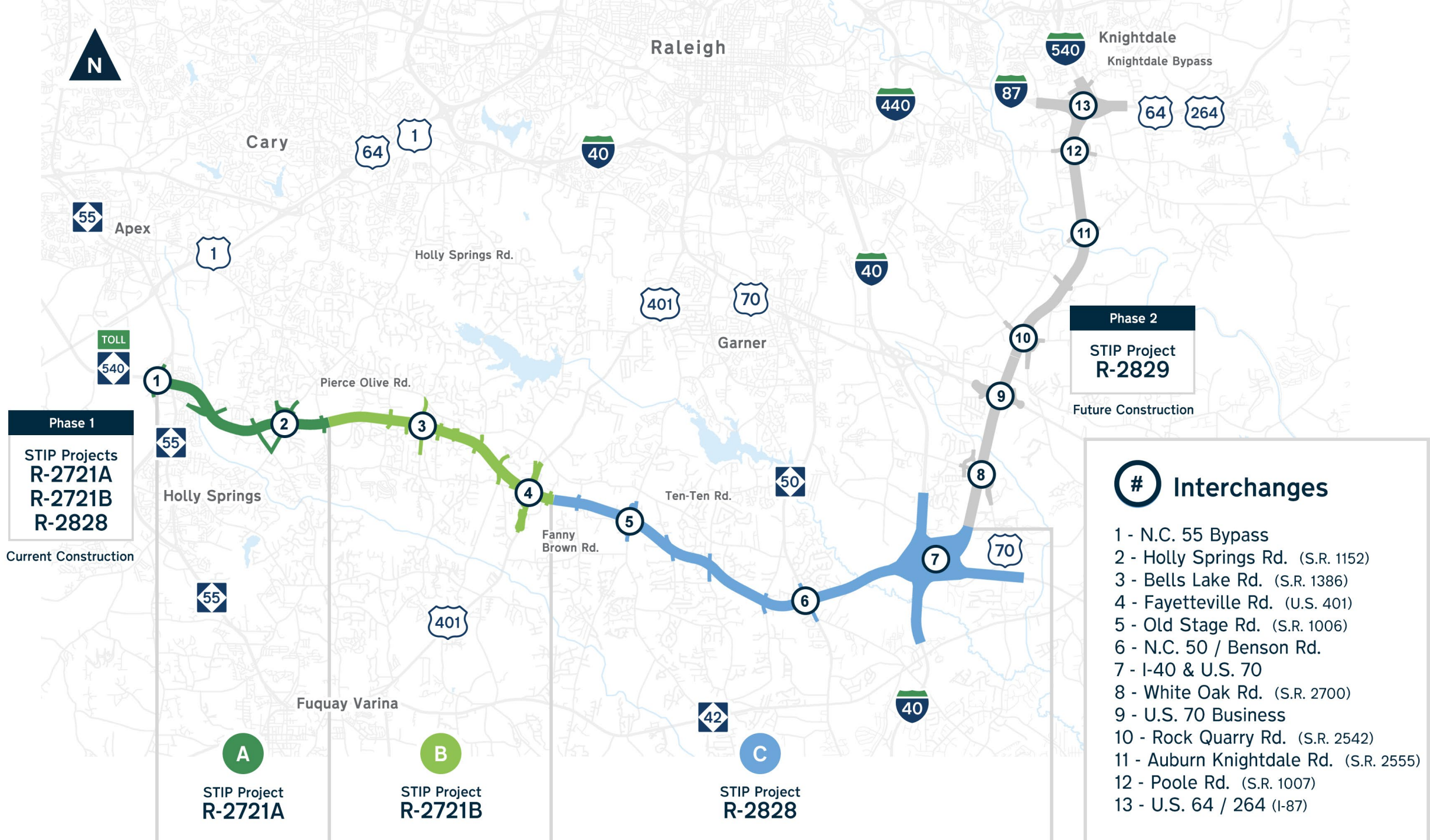
Future Construction

Interchanges

- 1 - N.C. 55 Bypass
- 2 - Holly Springs Rd. (S.R. 1152)
- 3 - Bells Lake Rd. (S.R. 1386)
- 4 - Fayetteville Rd. (U.S. 401)
- 5 - Old Stage Rd. (S.R. 1006)
- 6 - N.C. 50 / Benson Rd.
- 7 - I-40 & U.S. 70
- 8 - White Oak Rd. (S.R. 2700)
- 9 - U.S. 70 Business
- 10 - Rock Quarry Rd. (S.R. 2542)
- 11 - Auburn Knightdale Rd. (S.R. 2555)
- 12 - Poole Rd. (S.R. 1007)
- 13 - U.S. 64 / 264 (I-87)



Complete 540 Phase 1 of Construction



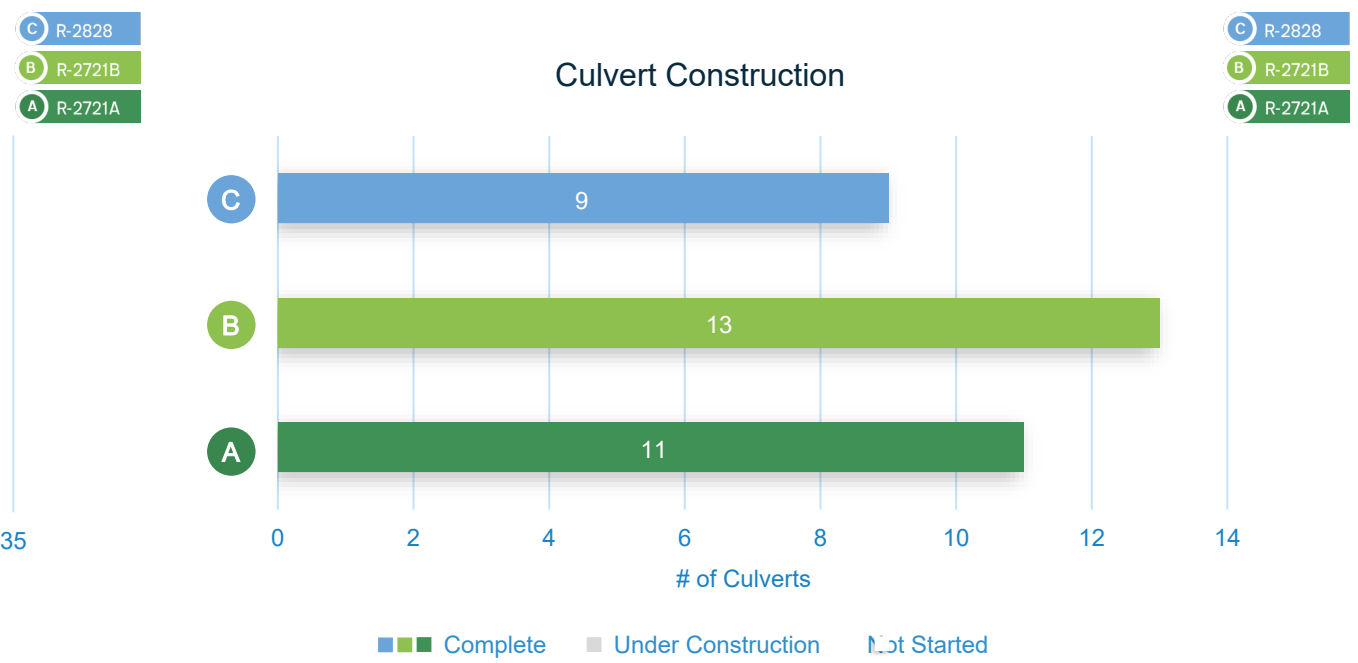
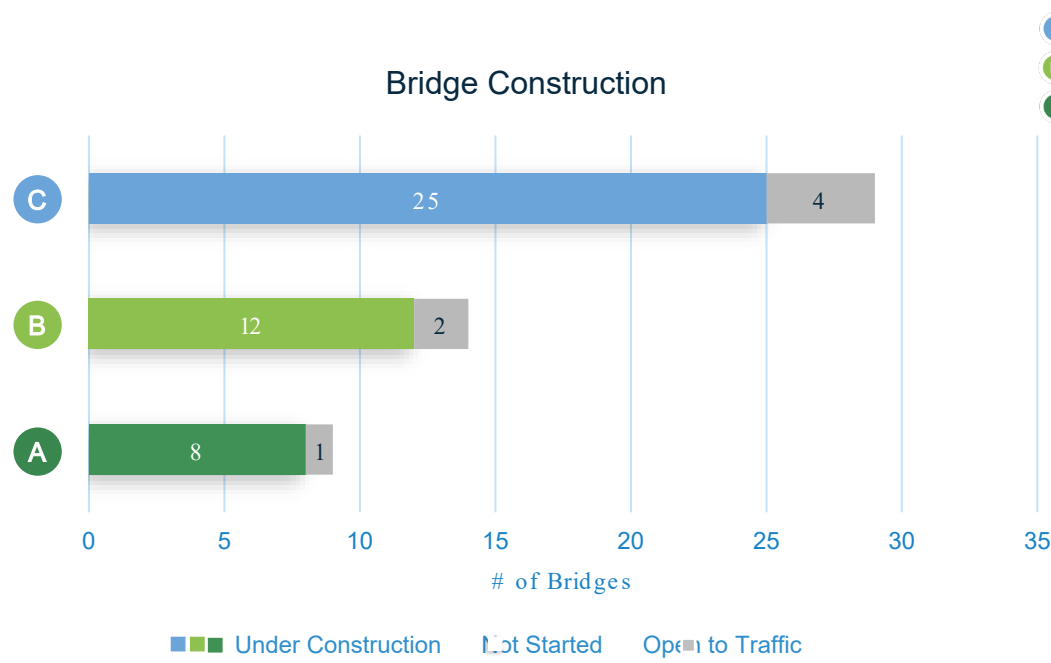
On Grade



Stabilized Soil and Bridge Construction



Bridge & Culvert Construction





Noisewall Construction



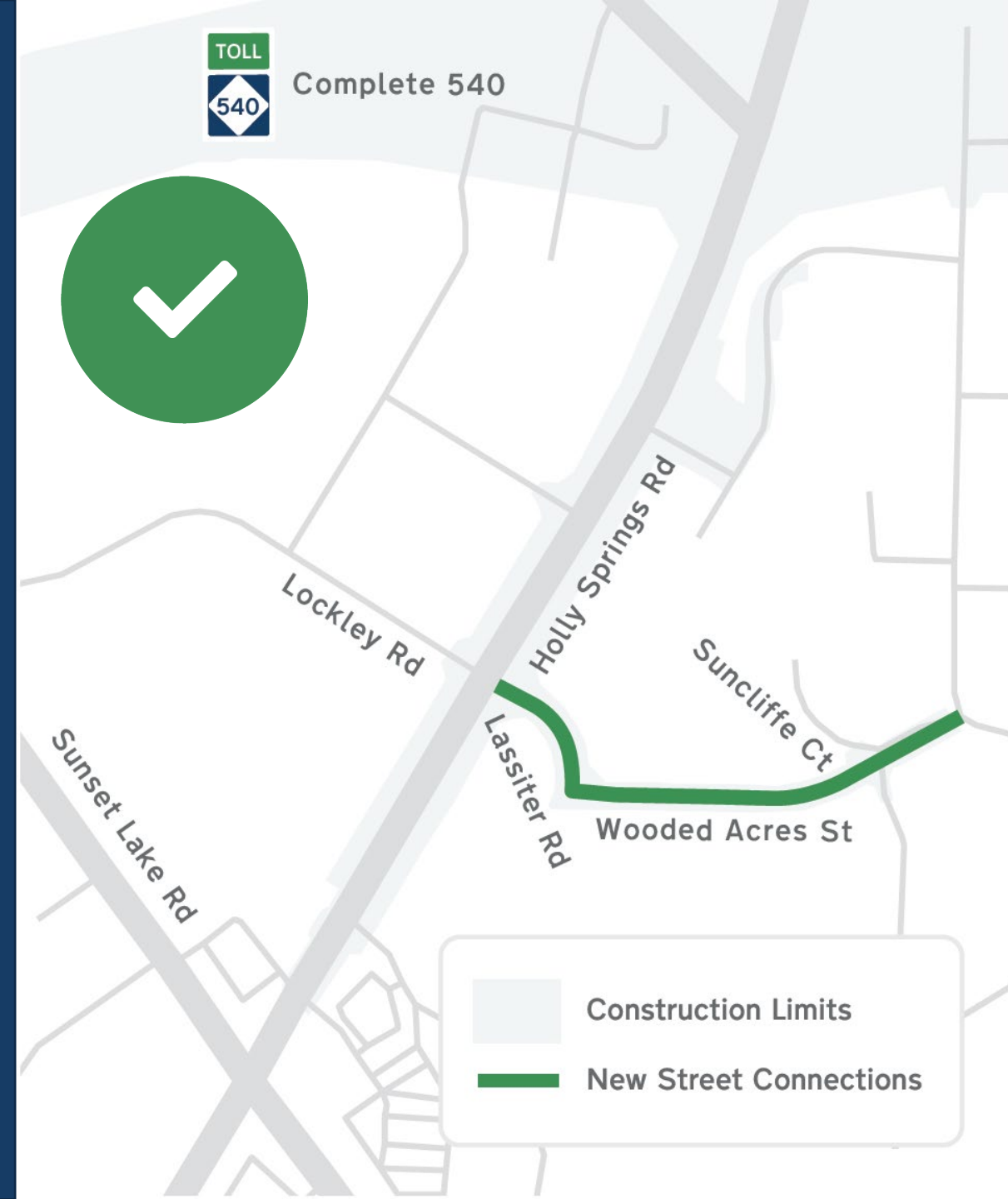


Paving



Complete 540 Openings

- River Falls Pedestrian Trail and Culvert
 - November 2022
- Sunset Lake Road (1 of 2)
 - November 2022
- US-401
 - November 2022
- Holland Church Road
 - September 2022
- Lassiter Road and Wooded Acres Street
 - August 2022
- NC-50
 - August 2022
- Deerborn Drive Extension
 - July 2022
- New Bethel Church Road
 - July 2022
- Kildaire Farm Road
 - May 2022
- Johnson Pond
 - April 2022
- Fanny Brown Road
 - November 2021





Complete 540 Phase 2

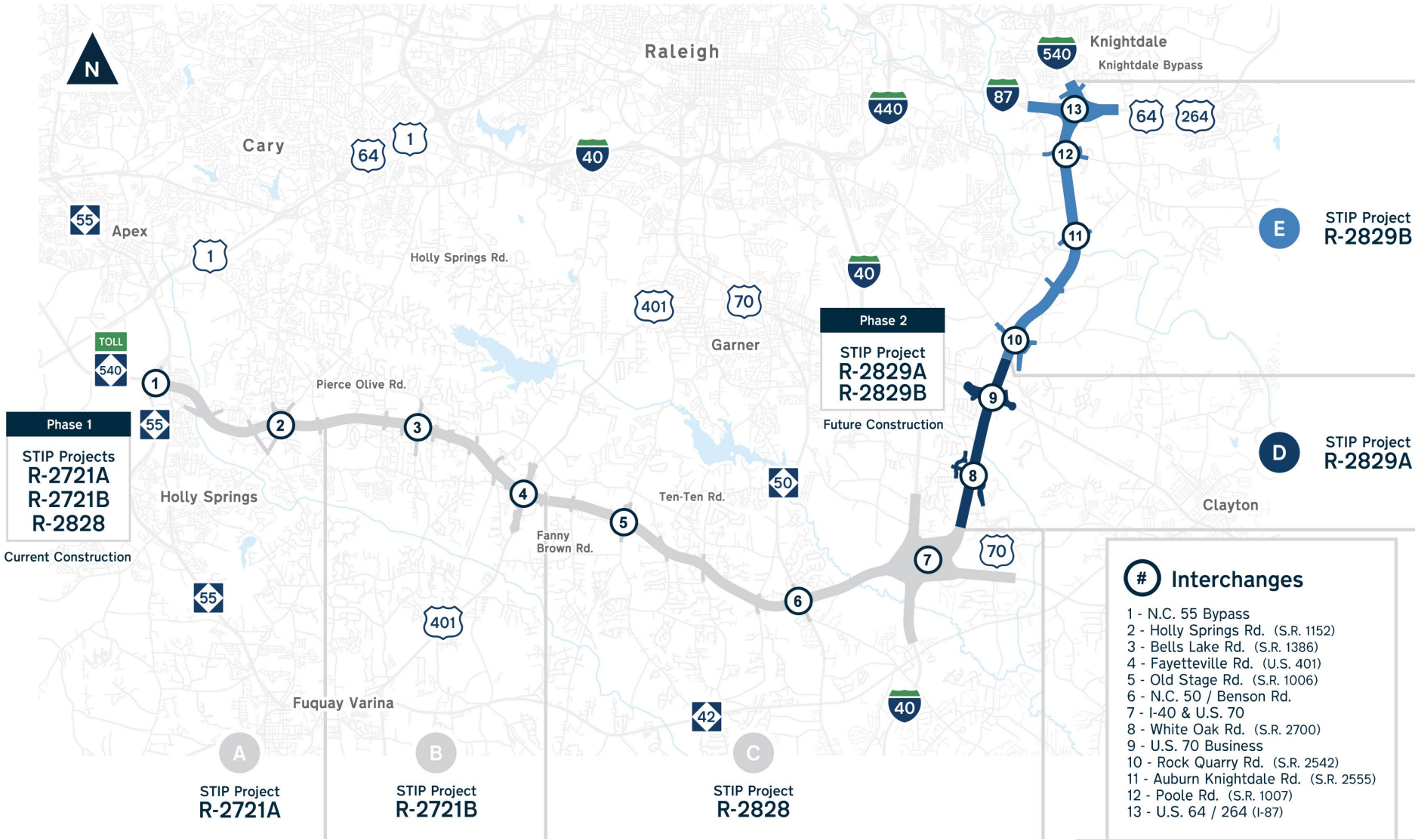
Complete 540
Phase 2

R-2829A

- 4.4 miles
- 2 full interchanges + 1 partial

R-2829B

- 6.6 miles
- 3 full interchanges + 1 partial



R-2829B

RFQ Advertisement	November 15, 2022	✓
Statement of Qualifications due from Design-Build Teams	December 20, 2022	✓
Department Announces Short-listed Teams	January 18, 2023	✓
Department Issues Industry Draft RFP to Short-listed Teams	January 18, 2023	✓
First Meeting with Short-listed Teams	February 1, 2023	✓
Department Issues Second Industry Draft RFP to Short-listed Teams	February 15, 2023	✓
Department Holds Statement of Qualifications Debriefs	Week of February 20, 2023	✓
Second Meeting with Short-listed Teams	March 1, 2023	✓
Department Issues Final RFP to Short-listed Teams	March 22, 2023	✓
Technical Proposals and Fuel Usage Factor Chart / Estimate of Quantities Due	June 22, 2023	
Sealed Price Proposals Due	July 11, 2023	
Technical Presentations by Short-listed Teams	July 12, 2023	
Open Price Proposals	July 18, 2023	
Department Holds Technical Proposal Debriefs (Pending Contract Execution)	Week of August 21, 2023	

R-2829A

RFQ Advertisement	February 1, 2023	✓
Statement of Qualifications due from Design-Build Teams	February 28, 2023	✓
Department Announces Short-listed Teams	March 16, 2023	✓
Department Issues Industry Draft RFP to Short-listed Teams	March 16, 2023	✓
First Meeting with Short-listed Teams	April 4, 2023	✓
Department Holds Statement of Qualifications Debriefs	Week of April 17, 2023	
Department Issues Second Industry Draft RFP to Short-listed Teams	April 18, 2023	
Second Meeting with Short-listed Teams	May 2, 2023	
Department Issues Final RFP to Short-listed Teams	May 16, 2023	
Technical Proposals and Fuel Usage Factor Chart / Estimate of Quantities Due	August 24, 2023	
Sealed Price Proposals Due	September 12, 2023	
Technical Presentations by Short-listed Teams	September 13, 2023	
Open Price Proposals	September 19, 2023	
Department Holds Technical Proposal Debriefs (Pending Contract Execution)	Week of October 23, 2023	

Complete 540 Phase 2 - Preconstruction Activities

Completed Activities

- Environmental Document
- Section 404/401 Corridor Permits
- Biological Opinion
- Air Quality Conformity
- Final Surveys
- Traffic Forecasts and Analysis
- Service Road Study
- Confirmation of Environmental Mitigation Availability
- Roadway and Structure
- Geotechnical Investigations
- Update Project Cost Estimate
- Refining Preliminary Design
- Developing Pavement Design and Life Cycle Analyses
- Railroad Coordination
- Industry Coordination

Activities Underway

- Advanced Acquisition of Certain Right-of-Way Parcels
- Coordination with Owners of Towers Regarding Needed Relocations
- Planning for Community Water and Sewer Conflict Resolutions
- Planning for Other Long Lead-Time Items
- Utility Coordination
- Developer Coordination
- Refine Plans for Right-of-Way Acquisition
- Design-Build Procurement

FAA Communications Tower Relocation – R-2829B

- Was on private property at Rock Quarry Road – Parcel 30 ~ Sta 1208+00
- Tower removed from property
- All work for this relocation was completed by others
- Ongoing coordination is underway



SBA Cell Tower Relocation – R-2829B

- Currently on southeast corner of the Raleigh Rugby Club property
– Parcel 53 ~ Sta 1433+00
- All work for this relocation is being completed by others
- Ongoing coordination is underway
- Town of Knightdale has issued a special use permit
- NEPA underway



WELCOME

Session Agenda

9:00 a.m. – 9:30 a.m.	Open Registration for DBE Outreach Session
9:30 a.m. – 9:45 a.m.	Civil Rights Overview
9:45 a.m. – 10:15 a.m.	Certifications (DBE, SBE, HUB, SPSF)
10:15 a.m. – 10:45 a.m.	On-the-Job Training Program (OJT)
10:45 a.m. – 11:15 a.m.	Business Opportunity and Workforce Development
11:15 a.m. – 11:30 a.m.	Utilization and Contractor Compliance, Title VI, EEO
11:30 a.m. – 12:00 p.m.	NC Turnpike Authority Overview
12:00 p.m. – 1:00 p.m.	Networking/Lunch on your own and Open Registration for Industry Forum
1:00 p.m. – 3:00 p.m.	Industry Forum (Complete 540 Phase 2)
3:00 p.m. – 4:00 p.m.	Networking

Meeting Overview

The Outreach Session will include information about certification support services, Disadvantaged Business Enterprise (DBE) utilization and compliance, and laws governing DBE work with NCDOT. The Industry Forum will include a discussion on project scope, DBE goals, and contracting opportunities for the Complete 540 Phase 2 project.

Sign-in & Name Tags

When you sign in at the sign-in table, you will be handed a name tag. Name tag color categories below:

	DBE Firm
	Design Firm
	Prime Contractor
	Subcontractor

For your information, the sign in sheets from today's event will be posted on the NCDOT Design-Build website at <https://connect.ncdot.gov/Letting/Pages/Design-Build.aspx>

Meeting Refreshments

Vending machines and tables are located in the café of the McKimmon Center.

DBE Outreach Session

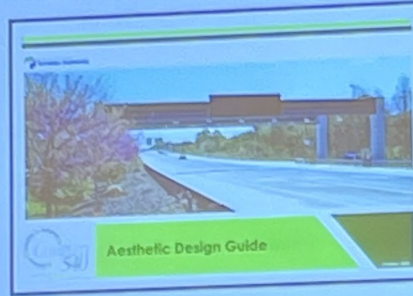


Phase 2 Industry Forum

Aesthetics

Complete 540 Phase 2 will continue the emphasis on aesthetics throughout the project corridor

TA has made minor revisions to the Aesthetic Design Guide (ADG) that was utilized in the construction of Complete 540 Phase 1

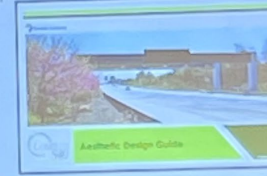


Authority

02

will continue the emphasis on aesthetics throughout the

revisions to the Aesthetic Design Guide (ADG) that was utilized in the construction of Complete 540 Phase 1



03



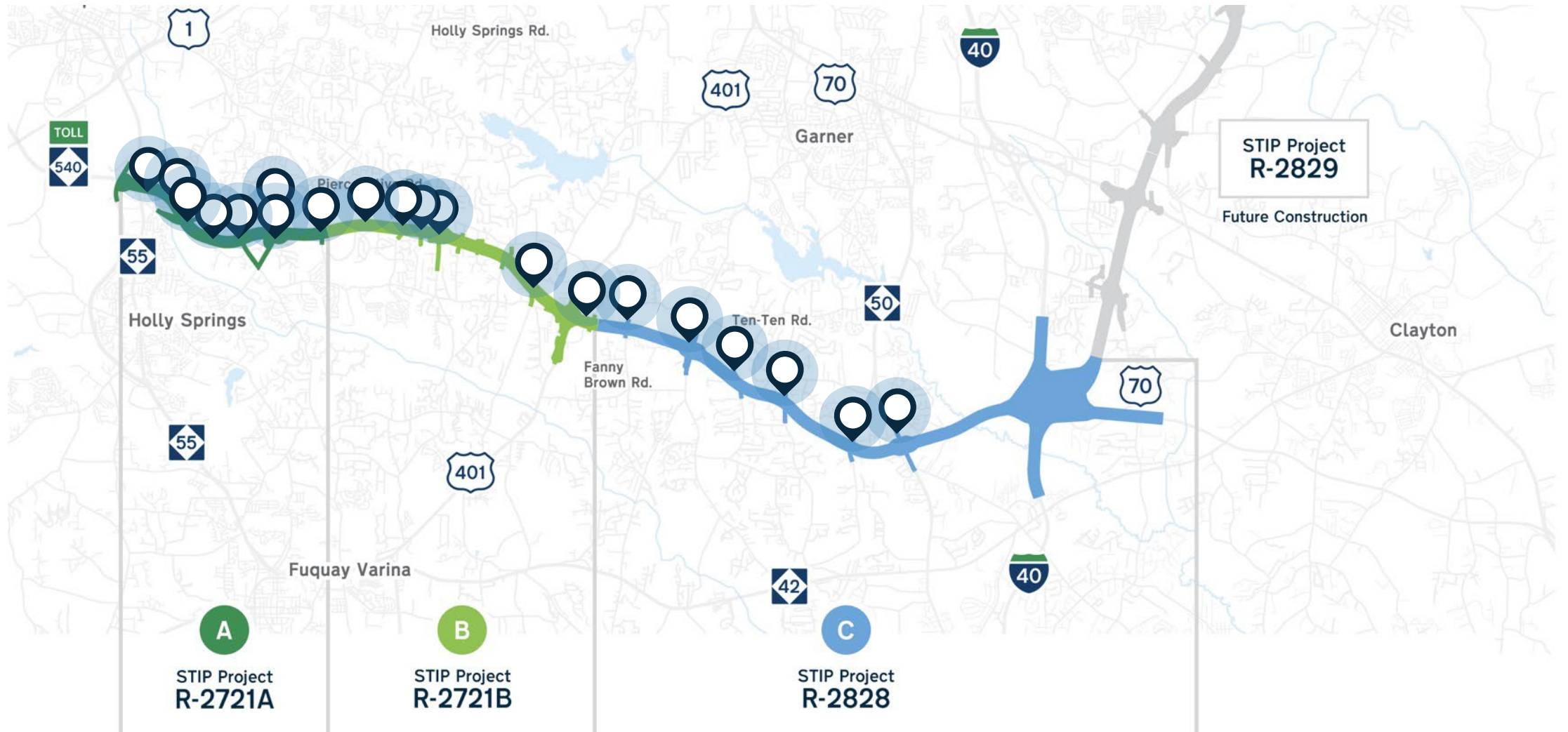
Prime/DBE Networking





For the Benefit of the Neighborhood

Bike/Pedestrian/Multi-Use Accommodations – Phase 1

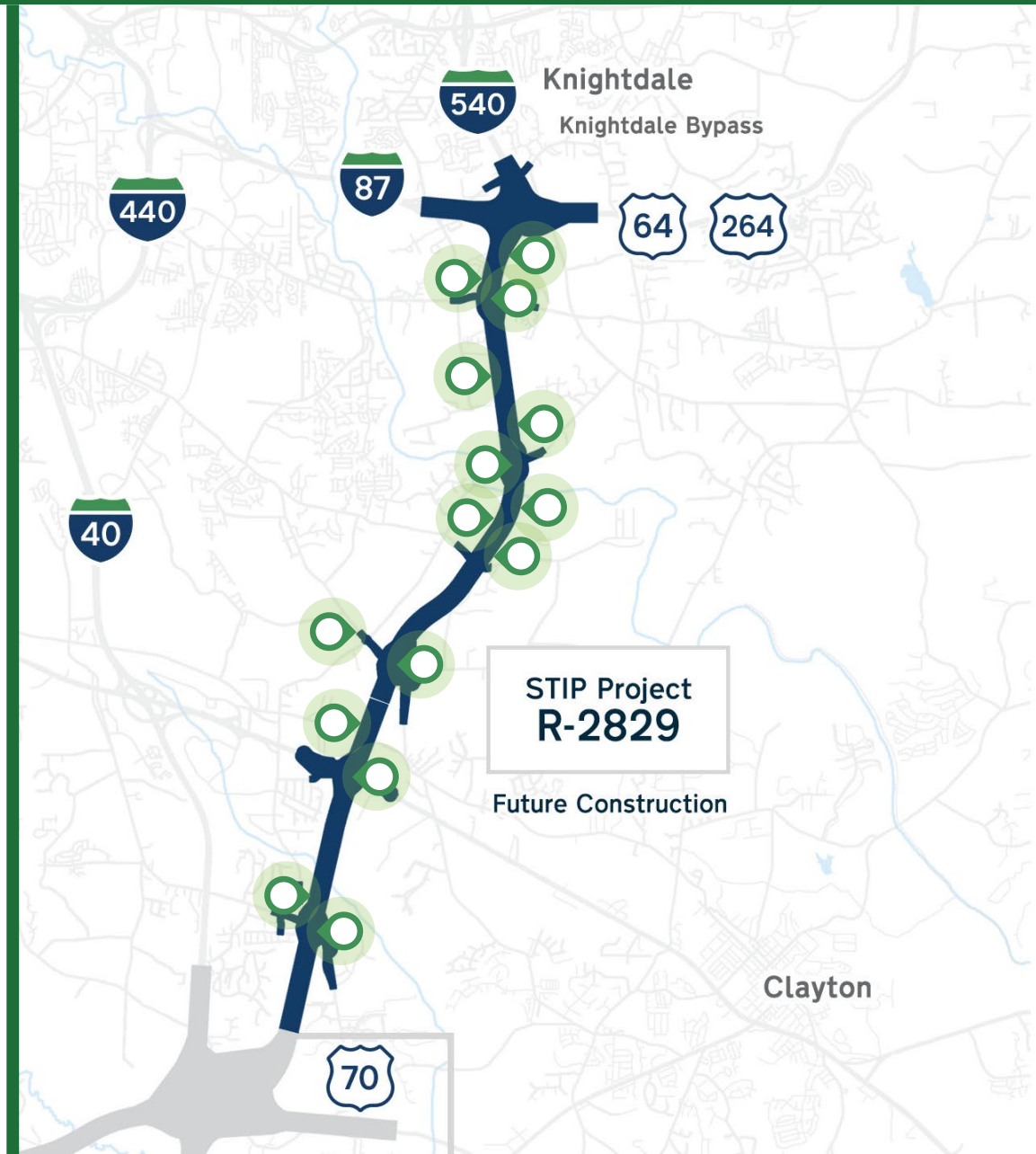


Bike/Pedestrian/Multi-Use Accommodations – Phase 2

- Collaboration with:



- Garner
- Knightdale
- Raleigh
- Wake County
- Wake County Public School System





Community Outreach



Complete 540 Outreach



Public Meetings

Nearly 4,000 participants
over 101 public meetings



Informing Residents

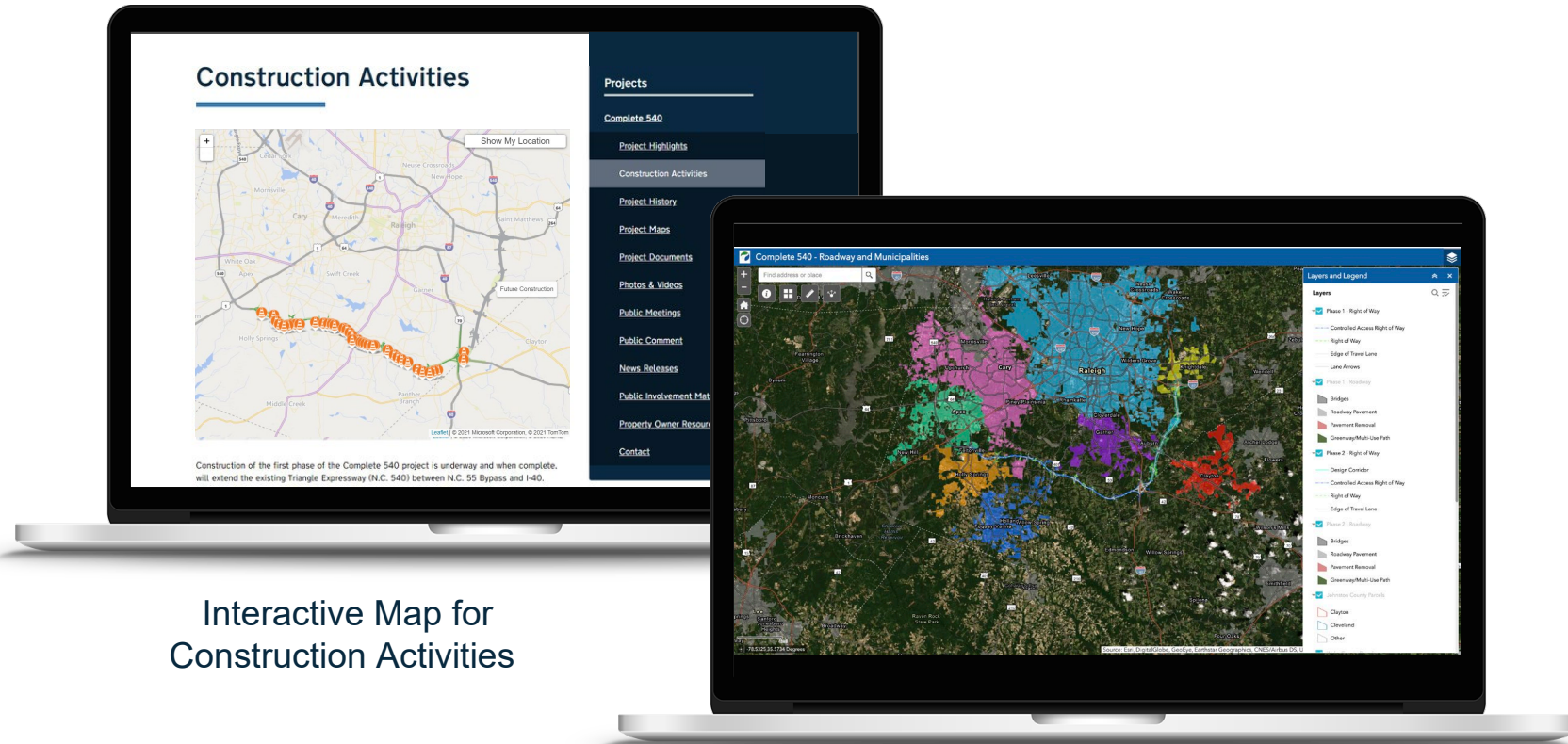
25,650 postcards &
83 Nextdoor posts



Resident Inquiries

1,738 emails & 1,033 calls to
the Complete 540 Hotline

Resources at [ncdot.gov /complete540](https://ncdot.gov/complete540)



Preferred Alternative Interactive Map

Noise Wall Locations Handout

If you have any questions, please contact us at complete540@ncdot.gov or 1-800-554-7849

Contact Us



[ncdot.gov /complete540](https://ncdot.gov/complete540)



complete540@ncdot.gov



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