

DURHAM • CHAPEL HILL • CARRBORO

DCHC

METROPOLITAN PLANNING ORGANIZATION

PLANNING TOMORROW'S TRANSPORTATION

Draft 2024-2033 STIP

Kayla Peloquin, DCHC MPO Transportation Planner

Kayla.Peloquin@durhamnc.gov

2024-2033 STIP Funding Availability for Committed Projects

Statewide Mobility

Available Funding	Programming Status
\$10.6B	\$3.36B Over

Regional Impact

Region	Available Funding	Programming Status
A (D1 & D4)	\$647.5M	\$383.2M Over
B (D2 & D3)	\$919.2M	\$391.2M Over
C (D5 & D6)	\$1.78B	\$297.1M Over
D (D7 & D9)	\$1.33B	\$596.7M Over
E (D8 & D10)	\$1.67B	\$756.5M Over
F (D11 & D12)	\$881.0M	\$455.7M Over
G (D13 & D14)	\$676.1M	\$982.2M Over

REG Total: \$3.86B Over

Division Needs

Division	Available Funding	Programming Status
1	\$569.7M	\$129.5M Over
2	\$569.7M	\$190.3M Over
3	\$569.7M	\$77.3M Under
4	\$569.7M	\$223.2M Under
5	\$569.7M	\$172.4M Over
6	\$569.7M	\$87.4M Under
7	\$569.7M	\$65.4M Under
8	\$569.7M	\$85.3M Over
9	\$569.7M	\$31.6M Under
10	\$569.7M	\$68.8M Over
11	\$569.7M	\$102.4M Under
12	\$569.7M	\$234.0M Over
13	\$569.7M	\$325.7M Over
14	\$569.7M	\$88.2M Over

DIV Total: \$706.9M Over

Total Overprogrammed: \$8B

Includes estimated funding from Infrastructure and Investment Jobs Act (IIJA)/Bipartisan Infrastructure Law (BIL)

As of January 25, 2022. Available Funding reflects accounting for 3% inflation. Programming Status Amounts are compared to 100% of budget.

2024-2033 STIP Development (Framework)

Only includes projects funded in 2020-2029 STIP

Projects selected for funding using one of two approaches:

1. Delivery Projects – programmed first
 - Currently scheduled for CON in FY 2024, 2025, or 2026; ROW underway; or has federal grant
2. P3-P4-P5 Evaluation (Seniority Approach) – programmed second



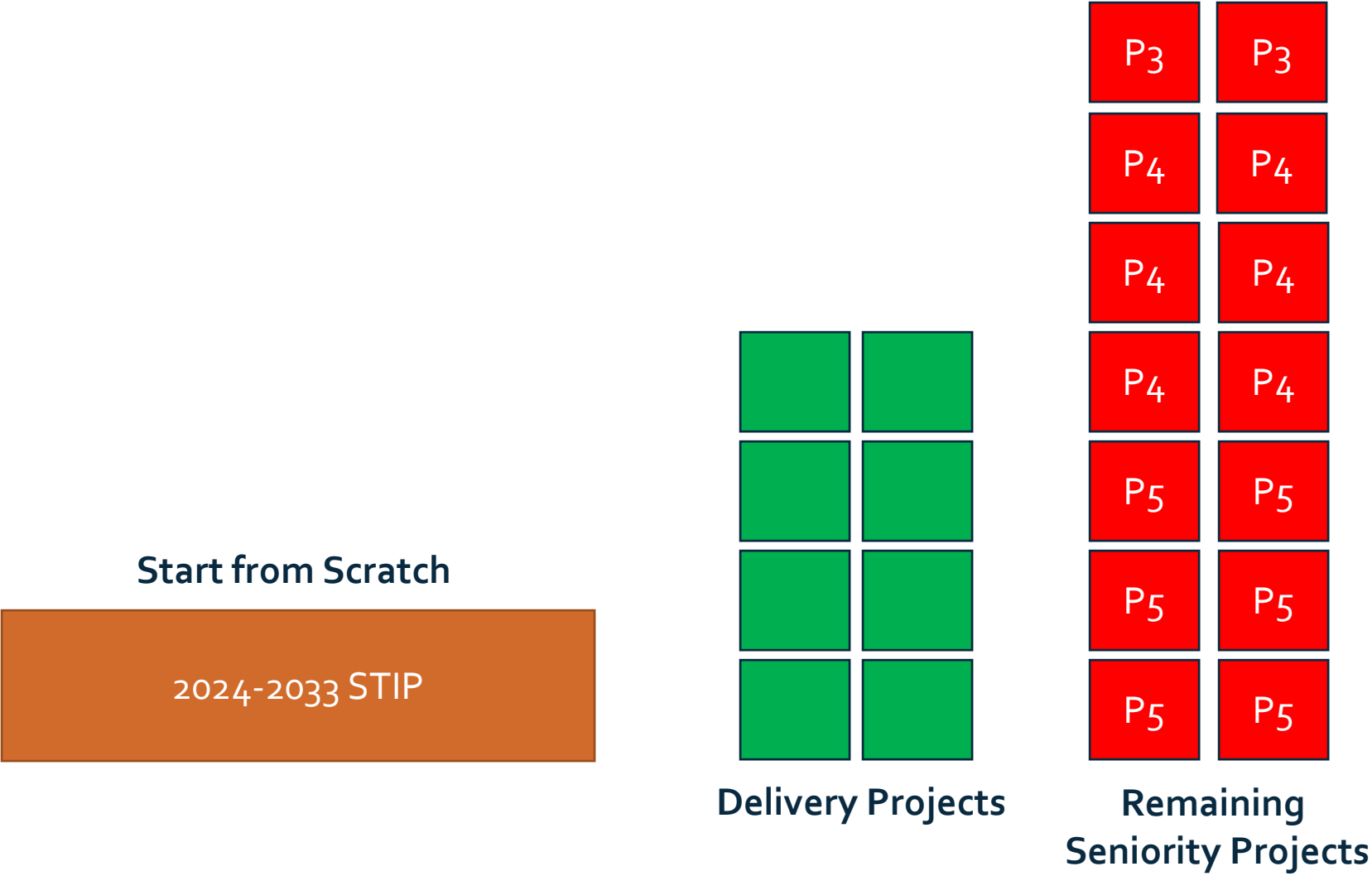
2024-2033 STIP Development (Framework)

Opportunity to swap projects & project schedules following release of Draft STIP (April 25th)

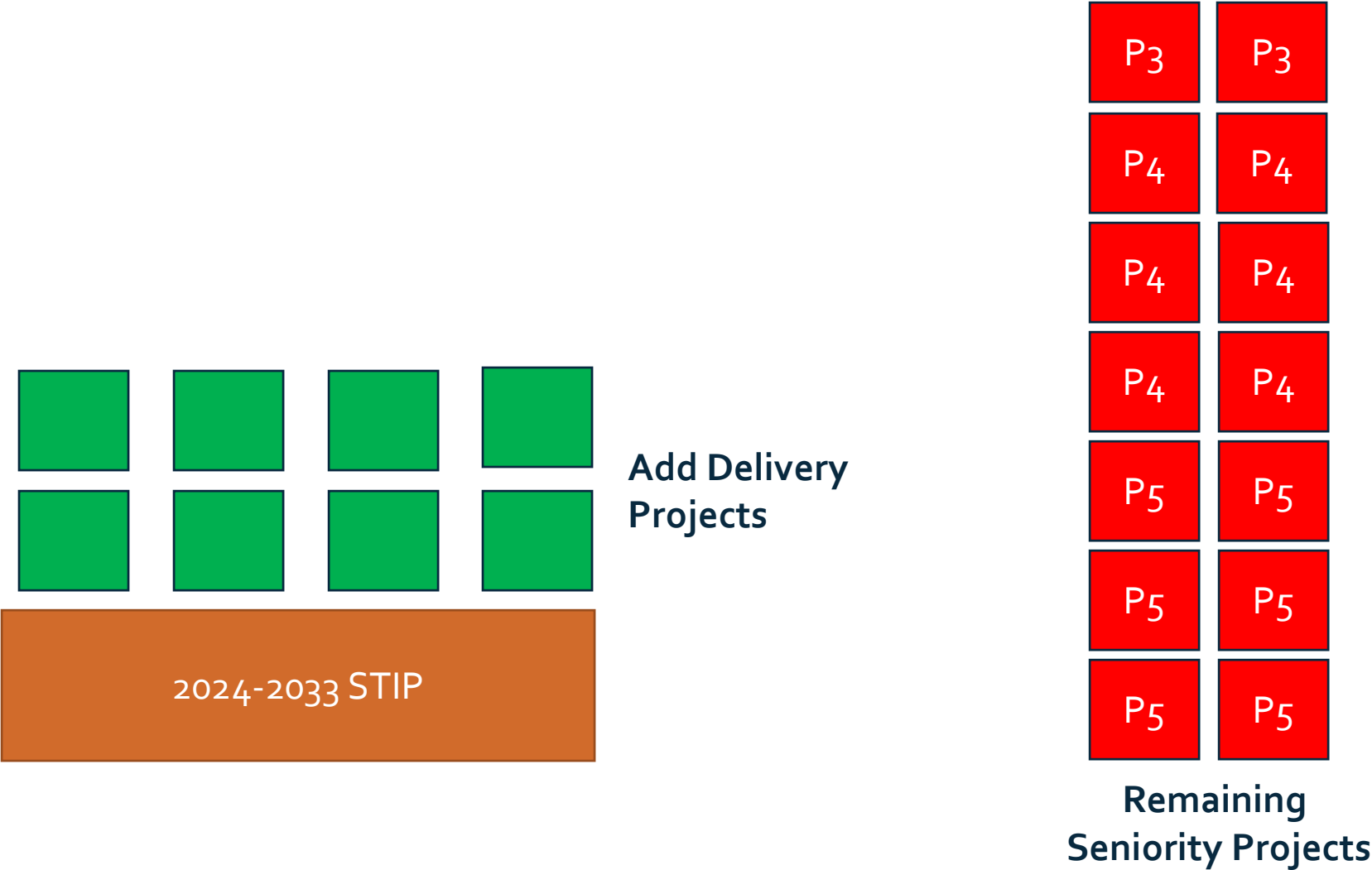
- Swaps must be agreed to by NCDOT and MPO/RPO(s)
- Cost of project(s) swapped in must be within 10% of cost of project(s) being swapped out
- Projects brought into STIP cannot be of a higher tier than those that are removed



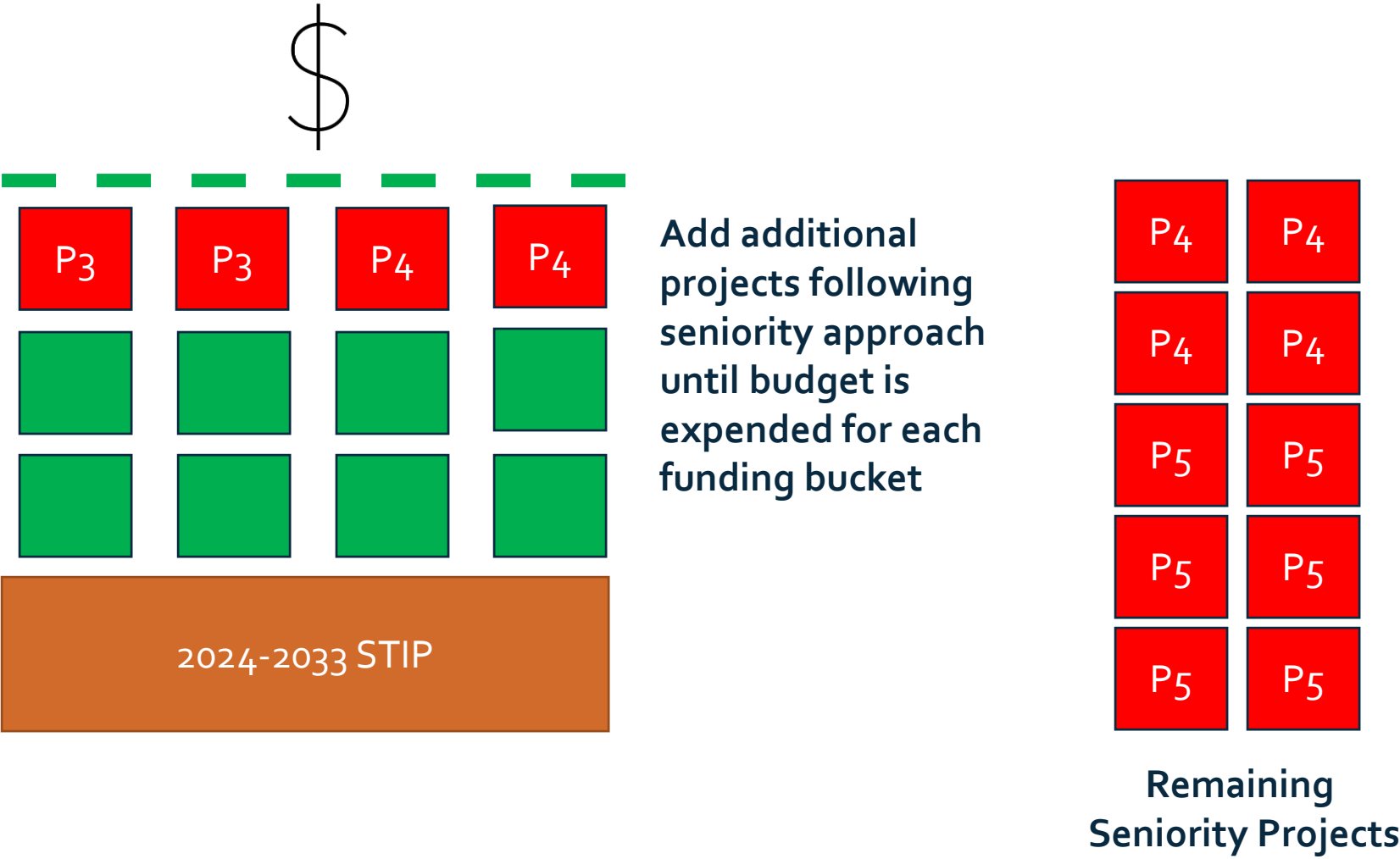
2024-2033 STIP Development – Visual



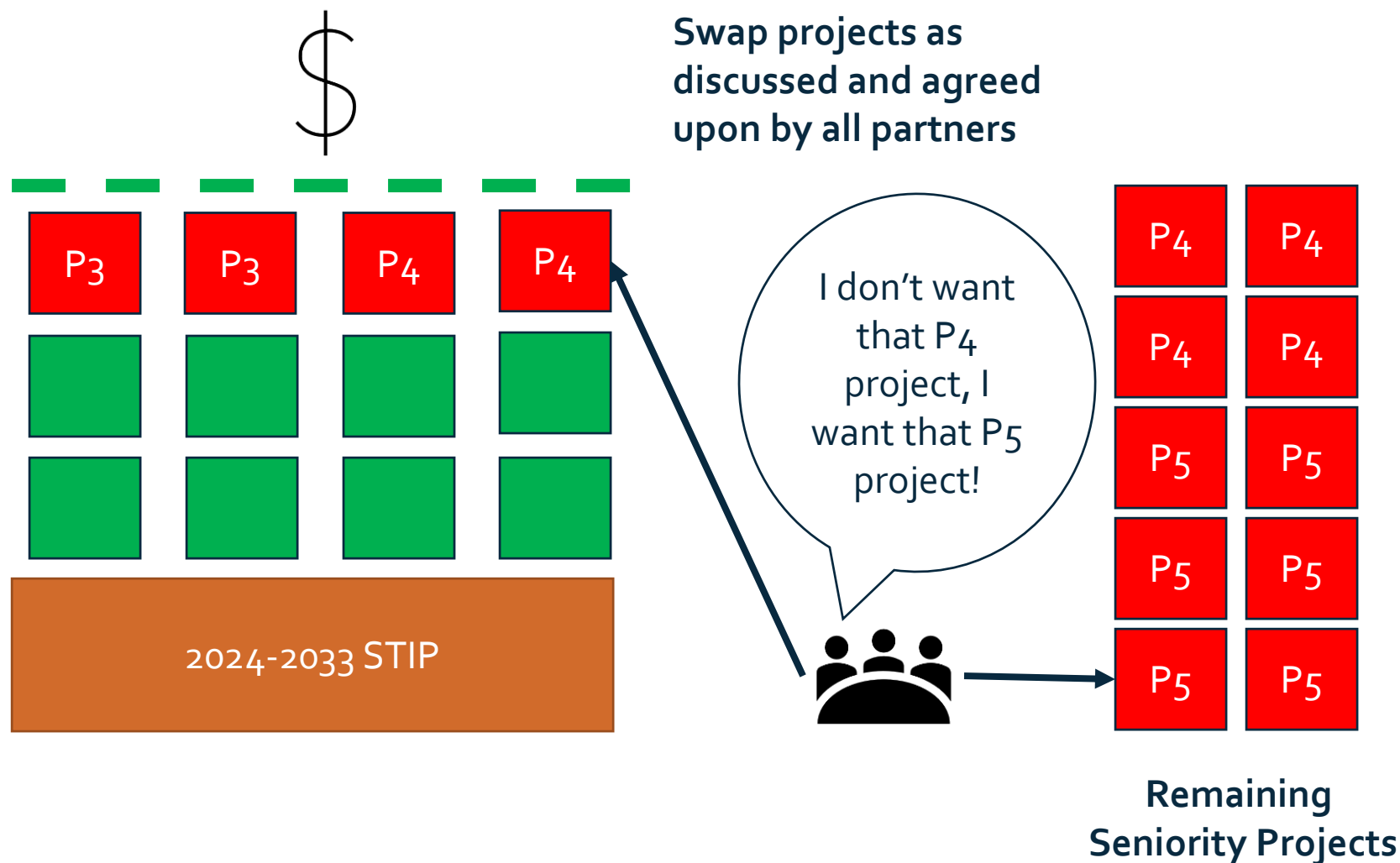
2024-2033 STIP Development – Visual



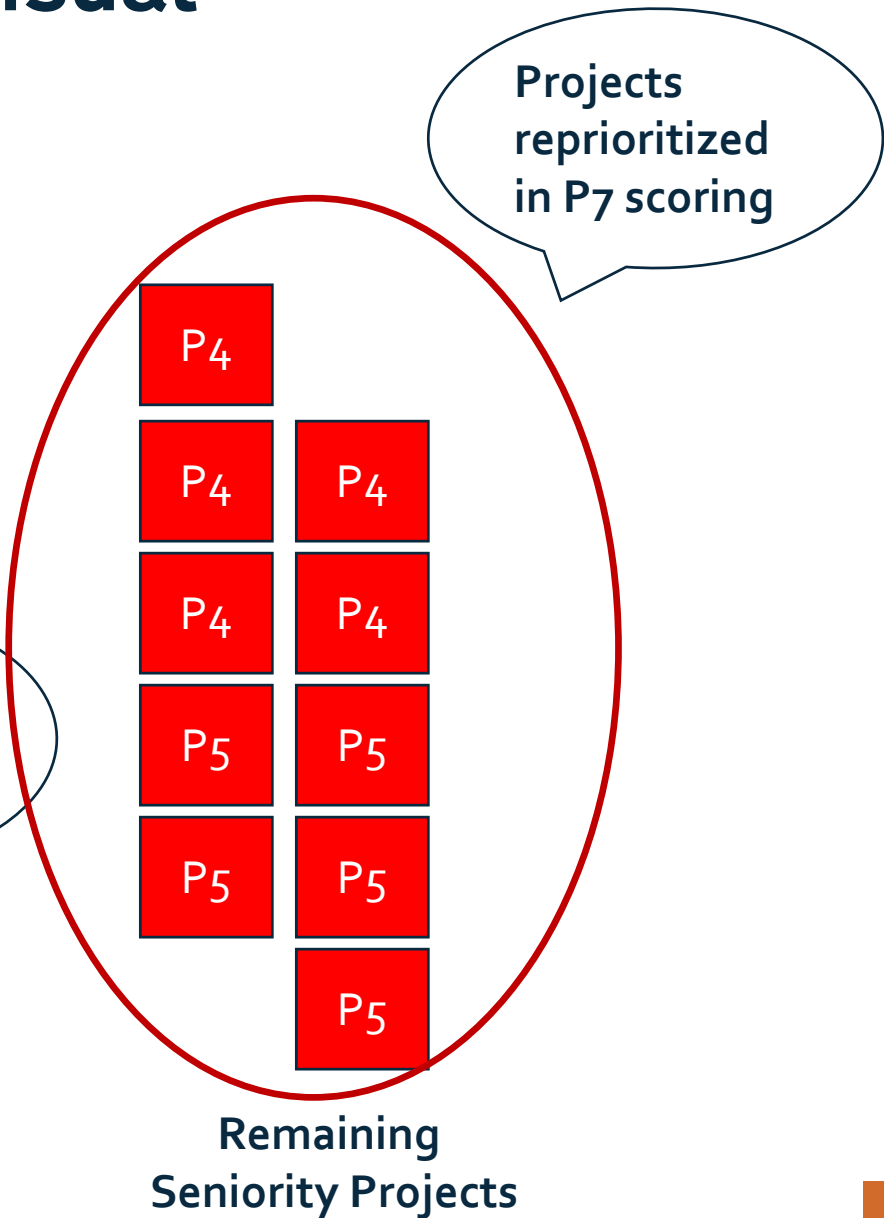
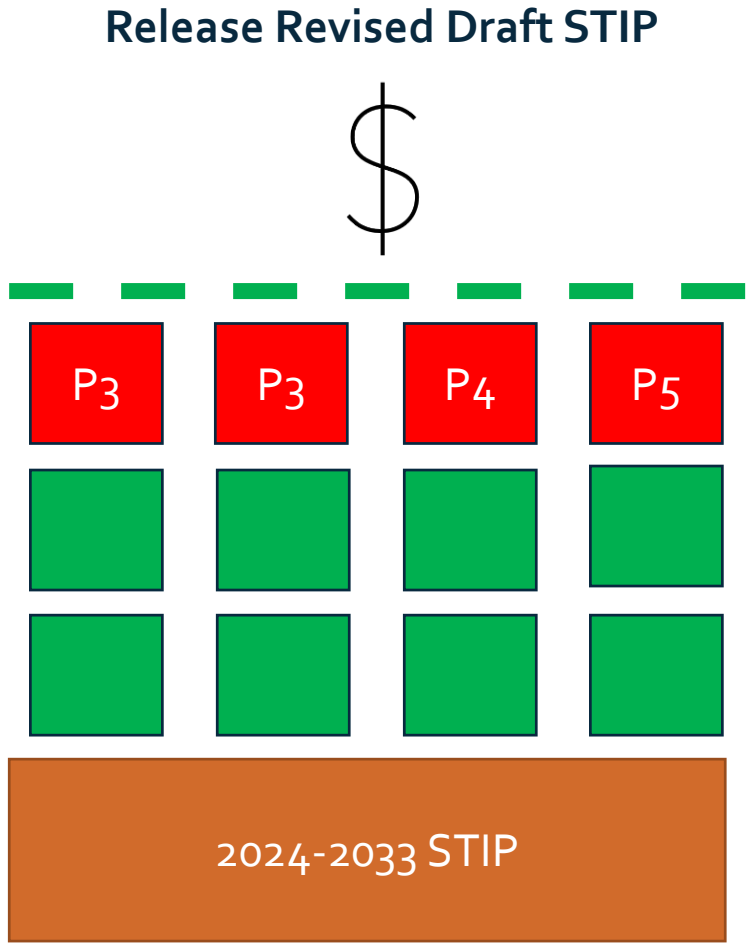
2024-2033 STIP Development – Visual



2024-2033 STIP Development – Visual



2024-2033 STIP Development – Visual



Project Prioritization Status

Projects with first year of ROW or CON in FY 2028 or earlier are “Scheduled for Delivery” and are committed

Projects with first year of ROW or CON in FY 2029 or later “Will be Reprioritized” in P7.0



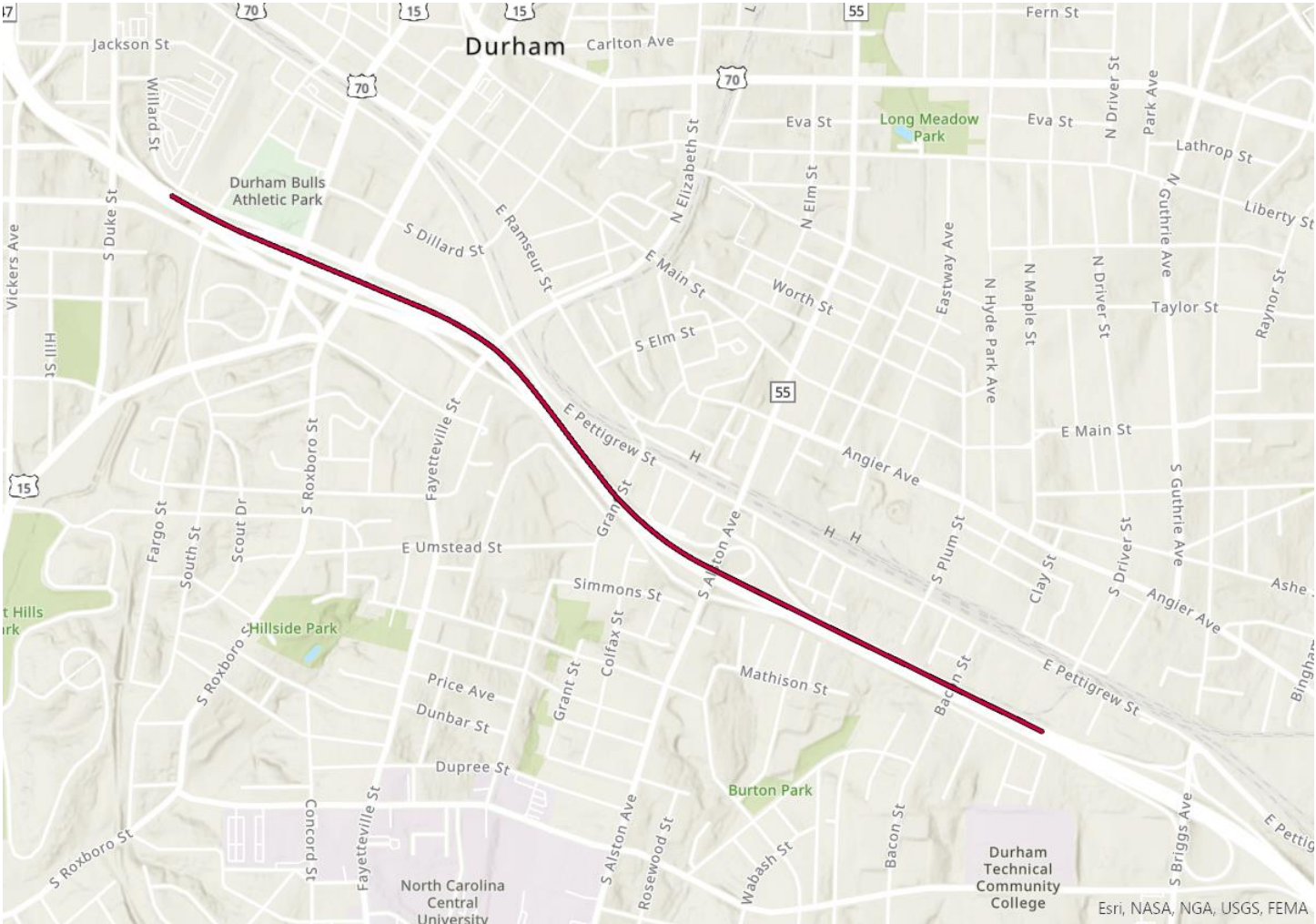
Project Prioritization Status

A		B		C		D	E	F	G	H	I	J	K	L	M	N	O
						2024-2033 DRAFT STATE TRANSPORTATION IMPROVEMENT PROGRAM: PROJECTS											
						NOTES: COSTS AND SCHEDULES ARE AS OF APRIL 25, 2022 AND ARE SUBJECT TO CHANGE. CURRENT PRIORITIZATION STATUS IS BASED ON THE PRIORITIZATION WORKGROUP'S RECOMMENDATION OF USING A FIVE-YEAR LIFECYCLE. IF A PROJECT IS NOT SCHEDULED IN OR BEFORE FISCAL YEAR 2028, THE PROJECT IS CONSIDERED "SCHEDULED FOR DELIVERY" AND DOES NOT HAVE TO BE REPRIORITIZED. AT THIS TIME, THE BOARD OF TRANSPORTATION HAS NOT YET REVIEWED THE PROJECTS.											
				BASIC PROJECT INFORMATION				PRIORITIZATION INFORMATION				FISCAL YEAR PROJECT PHASE SCHEDULED TO START					
	COUNTY(S)	ROUTE/CITY	DESCRIPTION	MODE	DIVISION(S)	MPOs/RPOs	PROJECT ID	STI CATEGORY FUNDED	CURRENT PRIORITIZATION STATUS	FUNDING SOURCE (SEE FUNDING SOURCES TAB FOR MORE INFO)	RIGHT-OF-WAY PROJECTED SCHEDULE	STI FUNDS NEEDED FOR RIGHT-OF-WAY	UTILITIES PROJECTED SCHEDULE	STI FUNDS NEEDED FOR UTILITIES	CONSTRUCTION PROJECTED SCHEDULE		
5	ALAMANCE	BURLINGTON- ALAMANCE REGIONAL AIRPORT (BUY)	CONSTRUCT 100 FT PAVED OVERRUN AND MAKE SAFETY ENHANCEMENTS.	AVIATION	7	BURLINGTON-GRAHAM MPO	AV-5851	DIVISION 7	SCHEDULED FOR DELIVERY	T					2024		
6	ALAMANCE	LEE AVENUE	WEST LEBANON AVENUE TO SR 1454 (WEST HAGGARD AVENUE) IN ELON. CONSTRUCT SIDEWALK.	BIKE/PED	7	BURLINGTON-GRAHAM MPO	EB-5988	DIVISION 7	SCHEDULED FOR DELIVERY	L, TA5200	2025	\$4,000			2026		
7	ALAMANCE	I-40 / I-85	SR 1158 (HUFFMAN MILL ROAD) INTERCHANGE. CONSTRUCT ADDITIONAL LEFT TURN LANE ON I-40 WESTBOUND RAMP AND IMPROVE OPERATIONS AT SR 1308 (GARDEN ROAD) INTERSECTION.	HIGHWAY	7	BURLINGTON-GRAHAM MPO	I-6009	STATEWIDE MOBILITY	WILL BE REPRIORITIZED	T		\$700,000	FUNDED FOR PRELIMINARY ENGINEERING ONLY	\$100,000	FUNDED FOR PRELIMINARY ENGINEERING ONLY		
8	ALAMANCE	I-40 / I-85	SR 1981 (TROLLINGWOOD-HAWFIELDS ROAD) IN MEANE. UPGRADE INTERCHANGE.	HIGHWAY	7	BURLINGTON-GRAHAM MPO	I-6059	DIVISION 7	WILL BE REPRIORITIZED	NHP		\$600,000	FUNDED FOR PRELIMINARY ENGINEERING ONLY	\$200,000	FUNDED FOR PRELIMINARY ENGINEERING ONLY		
9	ALAMANCE	NC 119	SR 1981 (TROLLINGWOOD-HAWFIELDS ROAD) / SR 2126 (OLD HILLSBOROUGH ROAD TO LOWES BOULEVARD IN MEANE. WIDEN TO MULTILANES.	HIGHWAY	7	BURLINGTON-GRAHAM MPO	U-6013	DIVISION 7	SCHEDULED FOR DELIVERY	T	2023	\$4,228,000	2023	\$900,000	2024		
10	ALAMANCE	NC 49 (ROXBORO ROAD)	SR 1928 (WILKINS ROAD) AND SR 1927 (BASON ROAD). UPGRADE K-TYPE INTERSECTION.	HIGHWAY	7	BURLINGTON-GRAHAM MPO	U-6183	DIVISION 7	WILL BE REPRIORITIZED	T		\$400,000	FUNDED FOR PRELIMINARY ENGINEERING ONLY	\$1,200,000	FUNDED FOR PRELIMINARY ENGINEERING ONLY		
11	ALAMANCE	NC 54 (CHAPEL HILL ROAD)	SR 1445 (SOUTH O'NEAL STREET) IN BURLINGTON. RECONFIGURE INTERSECTION TO MAKE O'NEAL STREET THE THROUGH MOVEMENT WITH NC 54 EAST OF THE INTERSECTION.	HIGHWAY	7	BURLINGTON-GRAHAM MPO	U-6184	DIVISION 7	WILL BE REPRIORITIZED	T		\$5,800,000	FUNDED FOR PRELIMINARY ENGINEERING ONLY	\$400,000	FUNDED FOR PRELIMINARY ENGINEERING ONLY		
12	ALAMANCE	NC 54 (EAST HARDEN STREET)	I-40 / I-85 INTERCHANGE IN GRAHAM. UPGRADE RAMP INTERSECTIONS.	HIGHWAY	7	BURLINGTON-GRAHAM MPO	U-6115B	REGION D	WILL BE REPRIORITIZED	T		\$600,000	FUNDED FOR PRELIMINARY ENGINEERING ONLY	\$300,000	FUNDED FOR PRELIMINARY ENGINEERING ONLY		

DCHC MPO Projects in Draft STIP

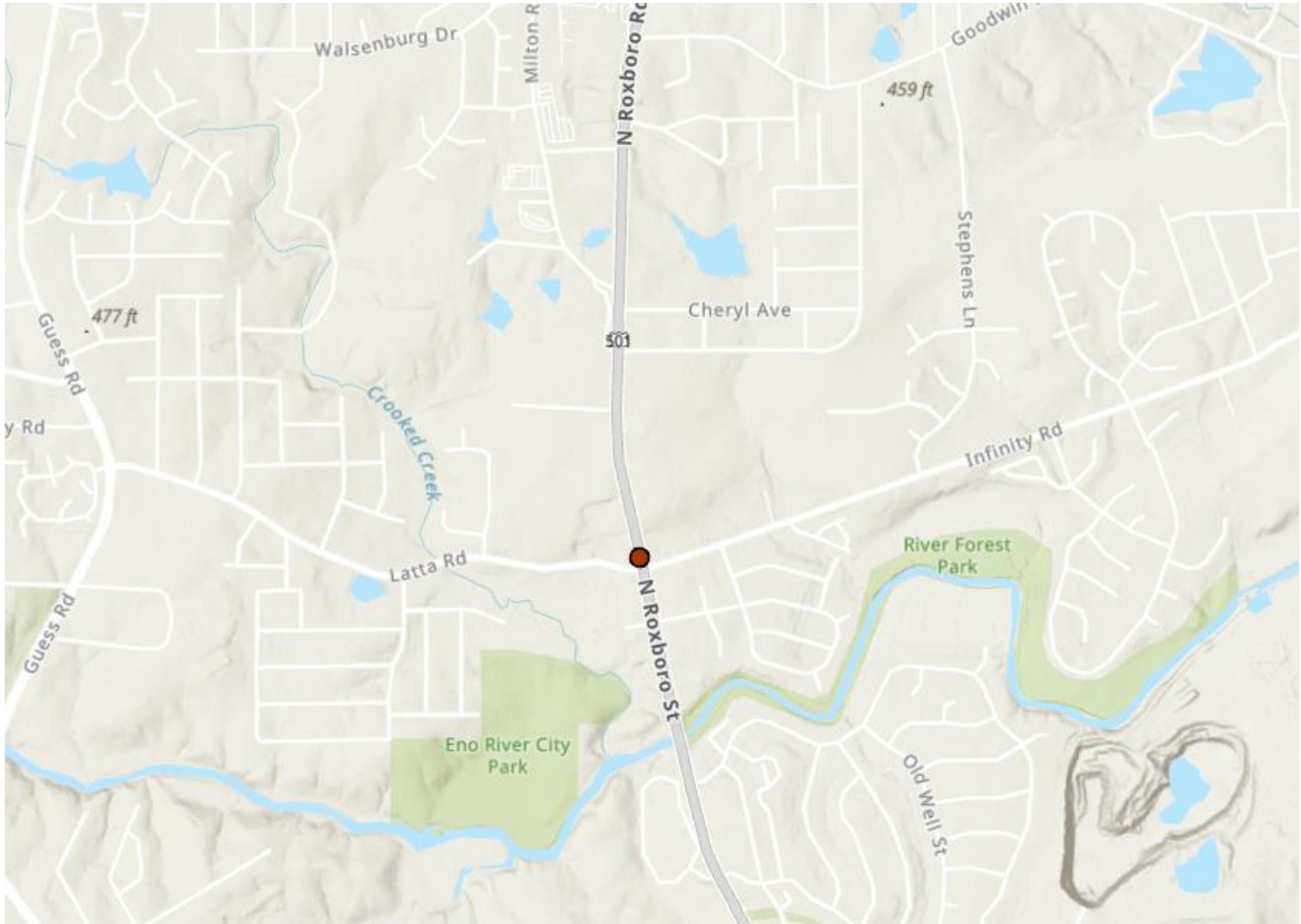
Highway Projects – Durham – Schedule Adjusted

NC 147 (Durham Freeway)		
U-5937		
Statewide Tier		
SR 1127 (W. Chapel Hill St) to Briggs Ave construct auxilliary lanes and operational improvements		
	ROW	CON
20-29 STIP	2027	after 2029
24-33 STIP	2029 or later	2029 or later



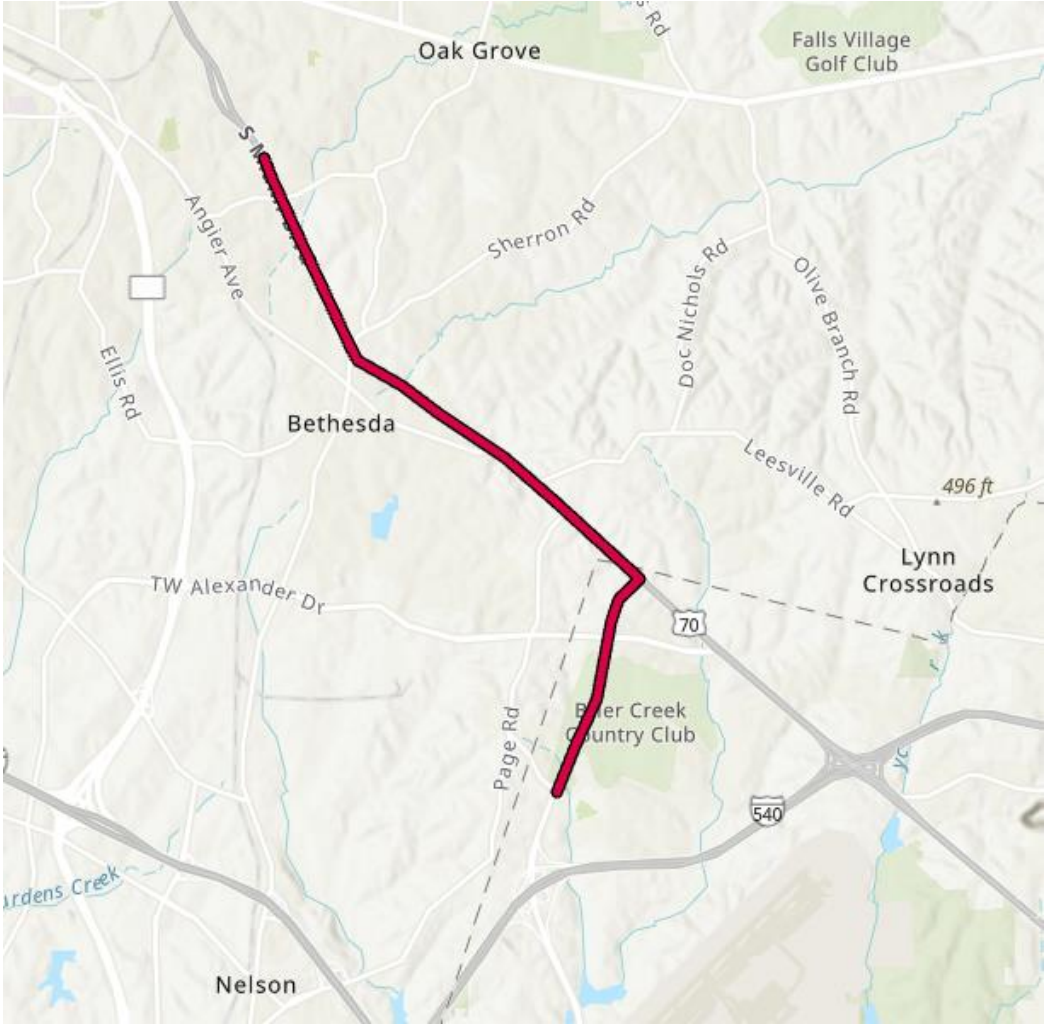
Highway Projects – Durham – Schedule Adjusted

US 501 (Roxboro Road)		
U-5516		
Regional Tier		
SR 1448 (Latta Rd) / SR 1639 (Infinity Rd) intersection Improvements		
	ROW	CON
20-29 STIP	2025	2027
24-33 STIP	2026	2028



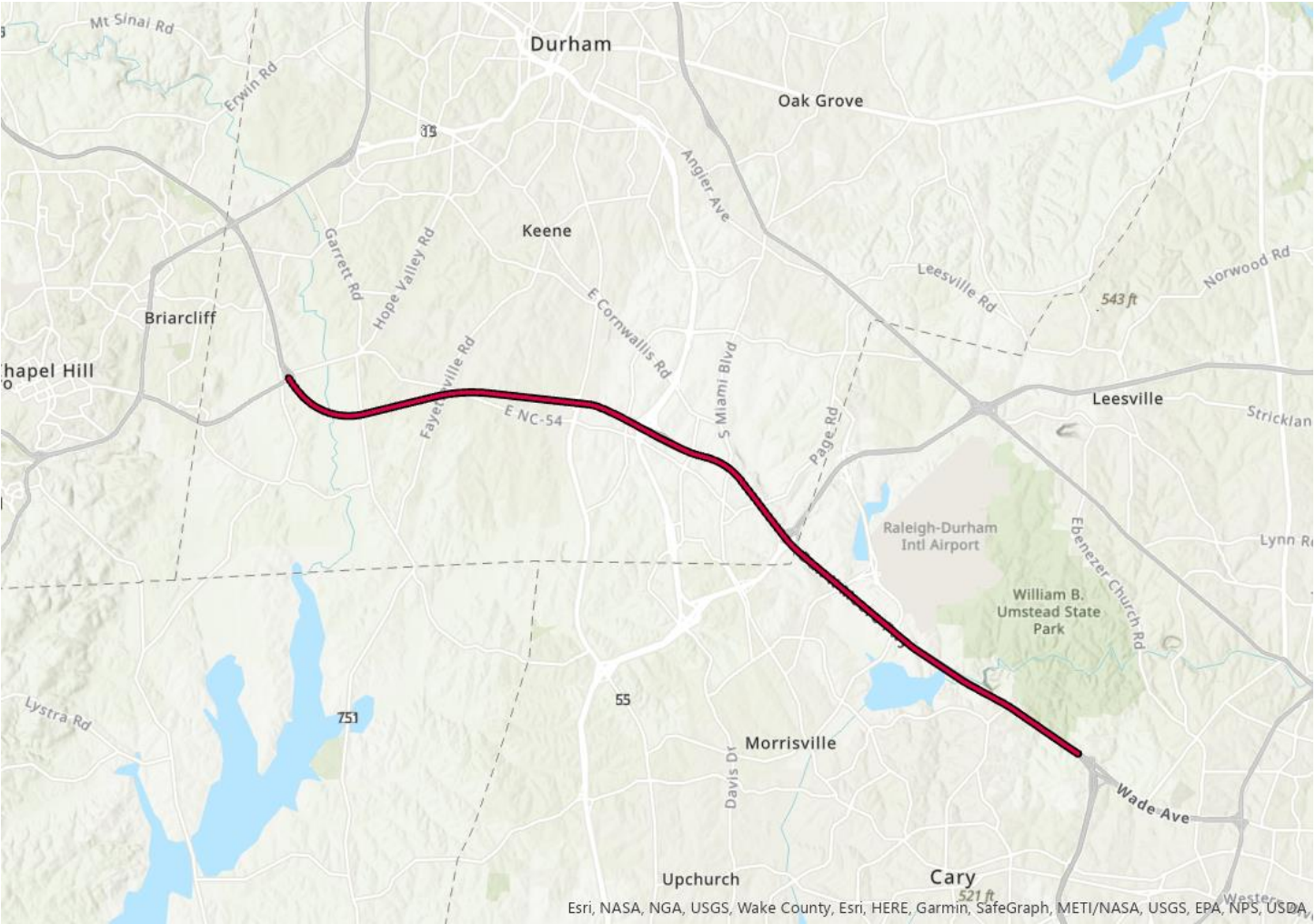
Highway Projects – Durham – Schedule Adjusted

US 70 (Miami Boulevard)		
U-5720		
Statewide Tier		
Upgrade to controlled-access facility and convert SR 1811 at-grade intersection to interchange		
	ROW	CON
20-29 STIP	2027	after 2029
24-33 STIP	2029 or later	2029 or later



Highway Projects – Durham – Schedule Adjusted

I-40		
I-6006		
Statewide Tier		
NC 54 (Exit 273) to SR 1728 (Wade Ave) convert facility to a managed freeway with ramp metering and other ATM/ITS components		
	ROW	CON
20-29 STIP	2028	2029
24-33 STIP	2029 or later	2029 or later



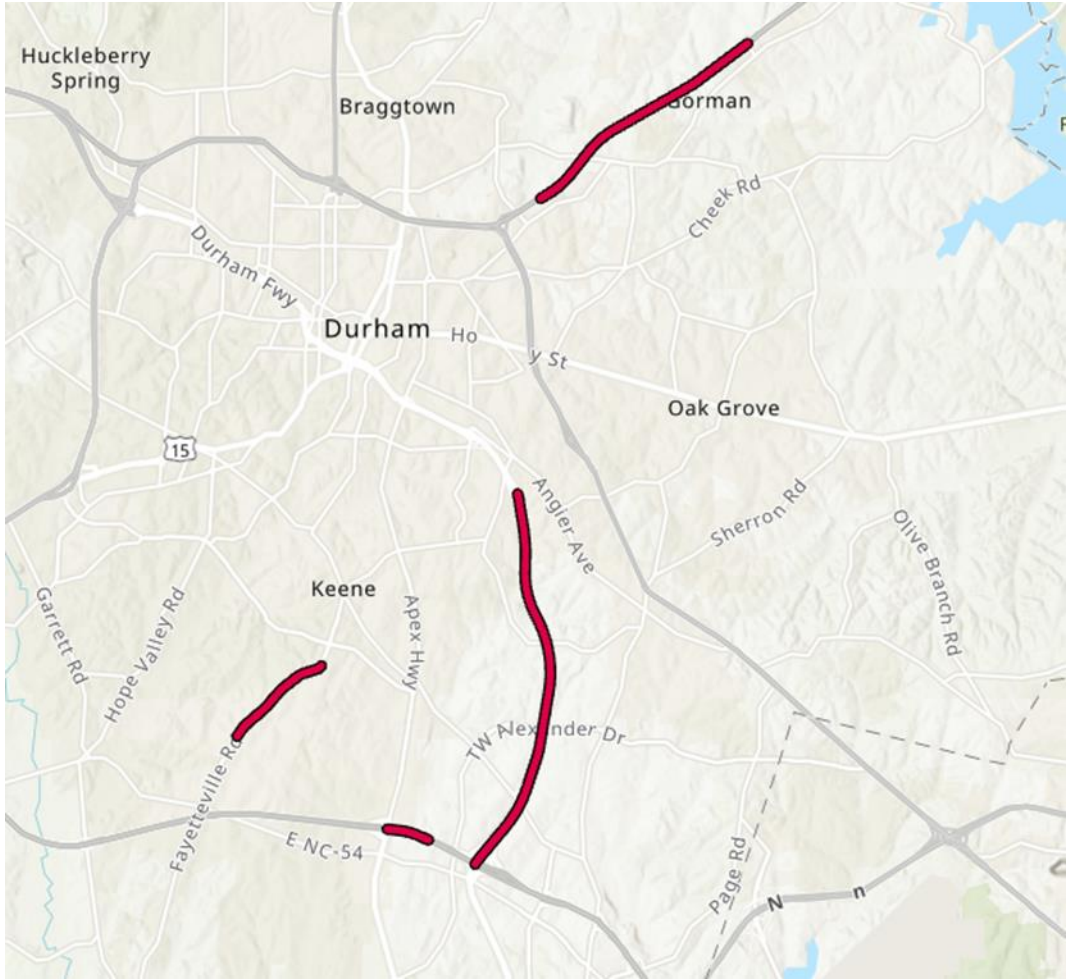
Highway Projects – Durham – Not in MTP

I-85 / US 15		
I-6010		
Not funded		
East of SR 1827 (Midland Terrace) to SR 1632 (Red Mill Rd) add lanes		
	ROW	CON
20-29 STIP	2029	after 2029
24-33 STIP	N/A	N/A

I-40		
I-5707		
Statewide Tier		
NC 55 to NC 147 construct westbound auxilliary lane		
	ROW	CON
20-29 STIP	2024	after 2029
24-33 STIP	2028	2031

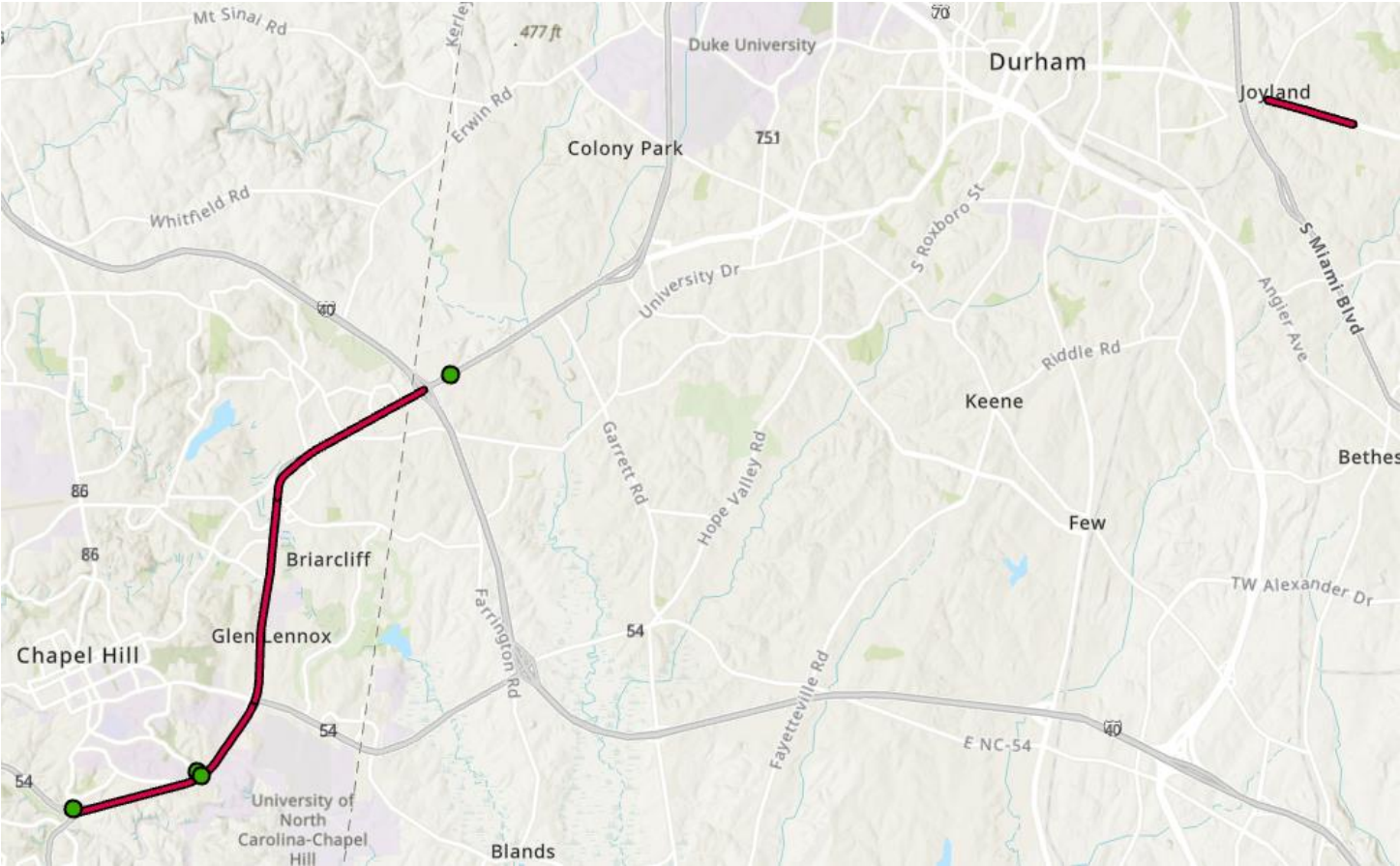
NC 147		
U-5934		
Statewide Tier		
I-40 to future EEC add lanes and rehabilitate pavement		
	ROW	CON
20-29 STIP	2028	2028
24-33 STIP	2029 or later	2029 or later

SR 1118 (Fayetteville Road)		
U-6021		
Division 5		
Woodcroft Pkwy to Barbee Rd widen to 4-lane divided facility with bike/ped accommodations		
	ROW	CON
20-29 STIP	2029	after 2029
24-33 STIP	2029 or later	2029 or later



Highway Projects – Durham & Orange – Not Funded

STIP ID	Description	ROW	CON
U-6120	NC 98 (Holloway St) from SR 1938 (Junction Rd) to SR 1919 (Lynn Rd) safety improvements, widen to add median, bicycle lanes, sidewalks, transit stop improvements, and traffic signals	N/A	N/A
U-6067	US 15/501 at I-40, Mount Moriah Rd, and Southwest Durham Parkway improve interchange/intersection area	N/A	N/A
U-5304	US 15/501 – various interchange improvements and capacity improvements with sidewalks, wide outside lanes, and transit accommodations	N/A	N/A

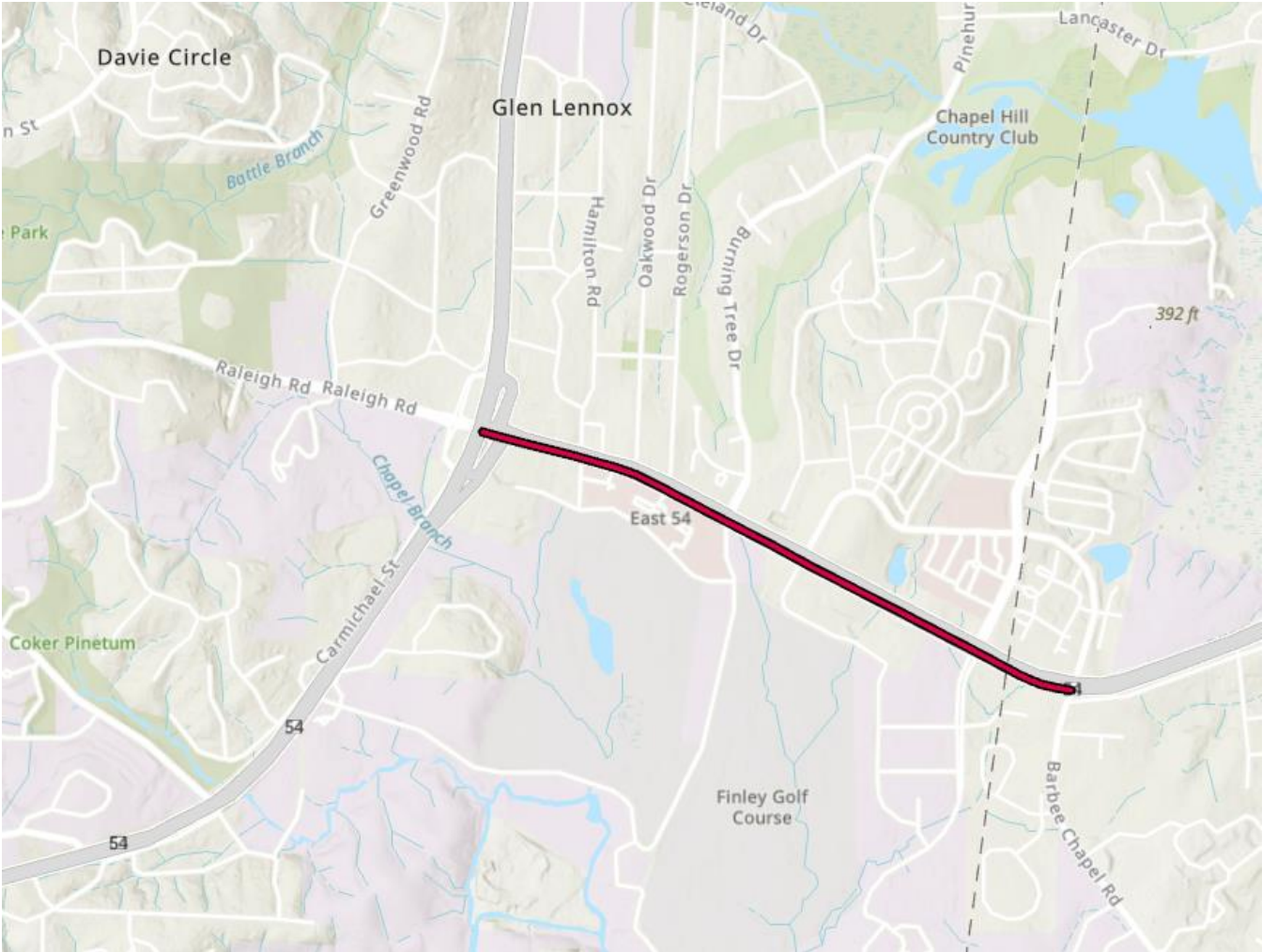


Highway Projects – Durham & Orange – Schedule Not Changing

STIP ID	Description	ROW	CON
U-5774C & U-5774F	NC 54 East of SR 1110 (Barbee Chapel Rd) to East of Little Creek – upgrade roadway corridor & upgrade interchange	2029 or later	2029 or later
U-5717	US 15/501 at SR 1116 (Garrett Rd) – convert at-grade intersection to interchange	Underway	2026
U-5823	Woodcroft Parkway Extension from SR 1116 (Garrett Rd) to NC 751 (Hope Valley Rd) – construct roadway on new alignment	2024	2025
I-0305	I-85 West of SR 1006 (Orange Grove Rd) to West of SR 1400 (Sparger Rd) – add lanes	2029 or later	2029 or later
HS-2005C/D	NC 54 and NC 55 in Durham – install concrete pedestrian refuge islands in all quadrants and SR 1116 intersection install traffic signal	2023	2023
U-5518	US 70 – upgrade roadway to improve capacity, safety and traffic operations including interchanges	2025	2026

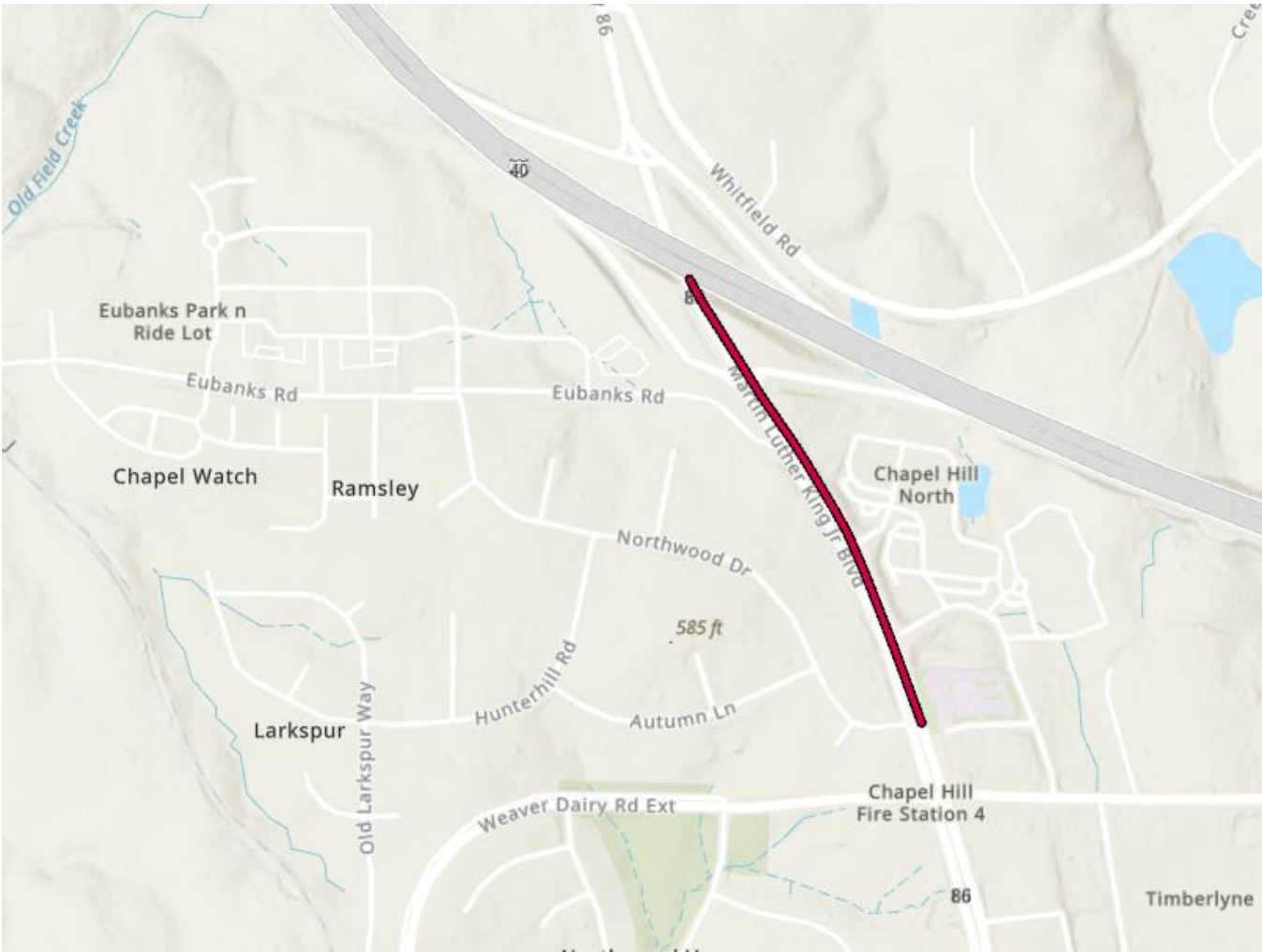
Highway Projects – Durham & Orange – Schedule Adjusted

NC 54		
U-5774B		
Regional Tier		
West of US 15/501 to East of SR 1110 (Barbee Chapel Rd) upgrade roadway		
	ROW	CON
20-29 STIP	2027	after 2029
24-33 STIP	2029 or later	2029 or later



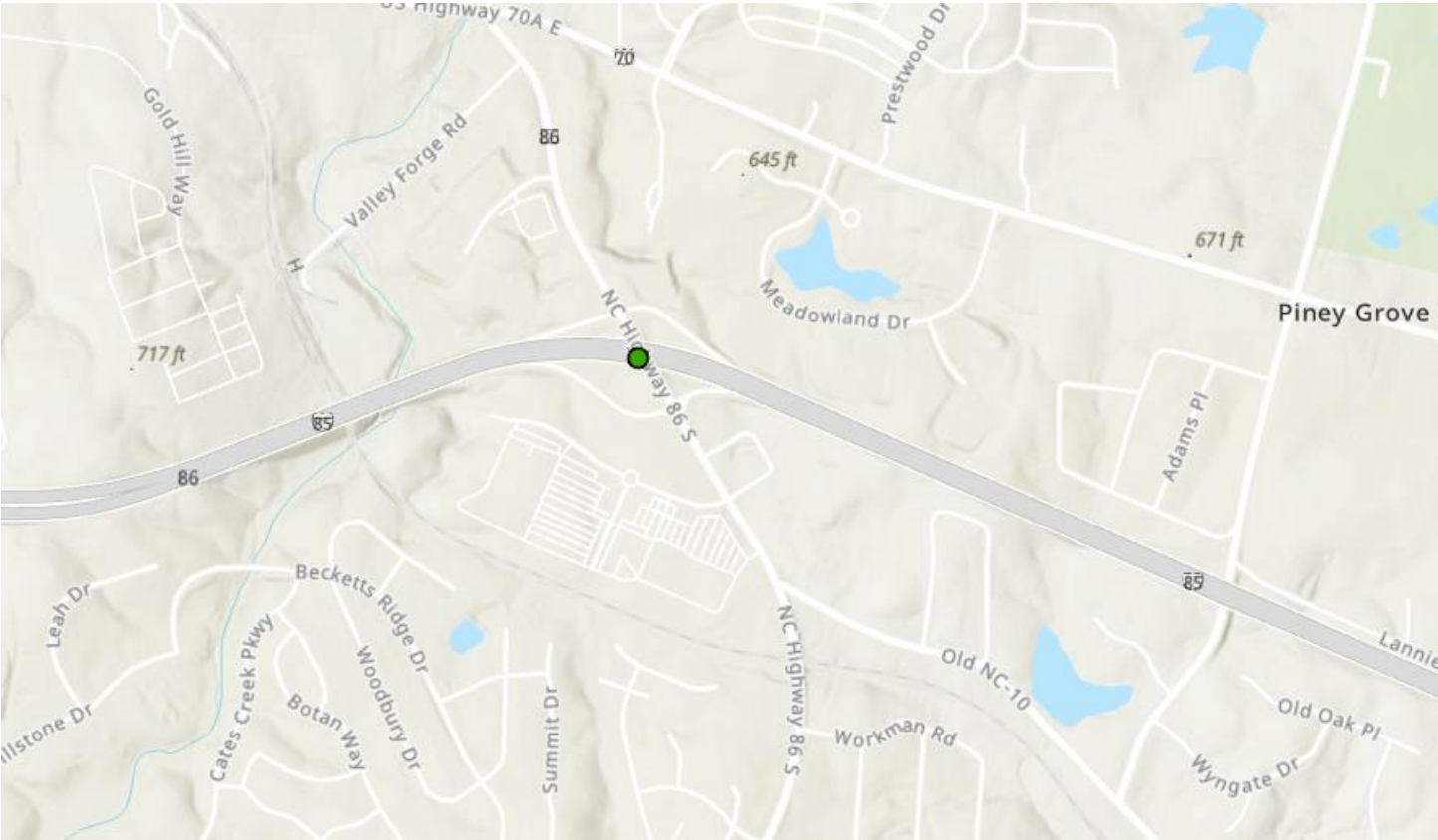
Highway Projects – Orange – Schedule Adjusted

I-40		
I-3306AC		
Regional Tier		
NC 86 upgrade to superstreet from Northwood Dr to ramp collector/distributor at I-40 Interchange		
	ROW	CON
20-29 STIP	2024	2026
24-33 STIP	2028	2030



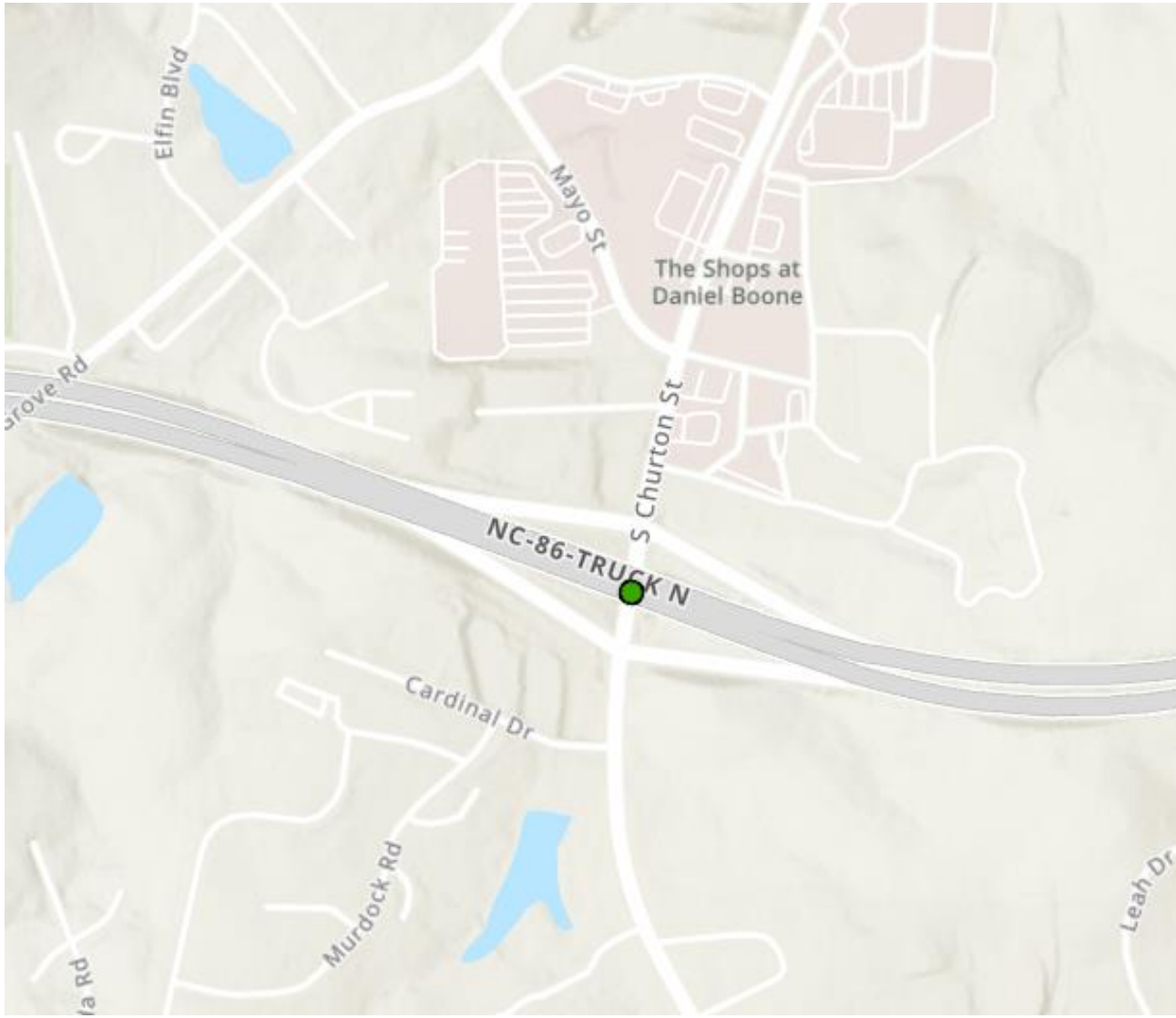
Highway Projects – Orange – Schedule Adjusted

I-85		
I-5984		
Statewide Tier		
NC 86 in Hillsborough upgrade interchange		
	ROW	CON
20-29 STIP	2027	2029
24-33 STIP	2029 or later	2029 or later



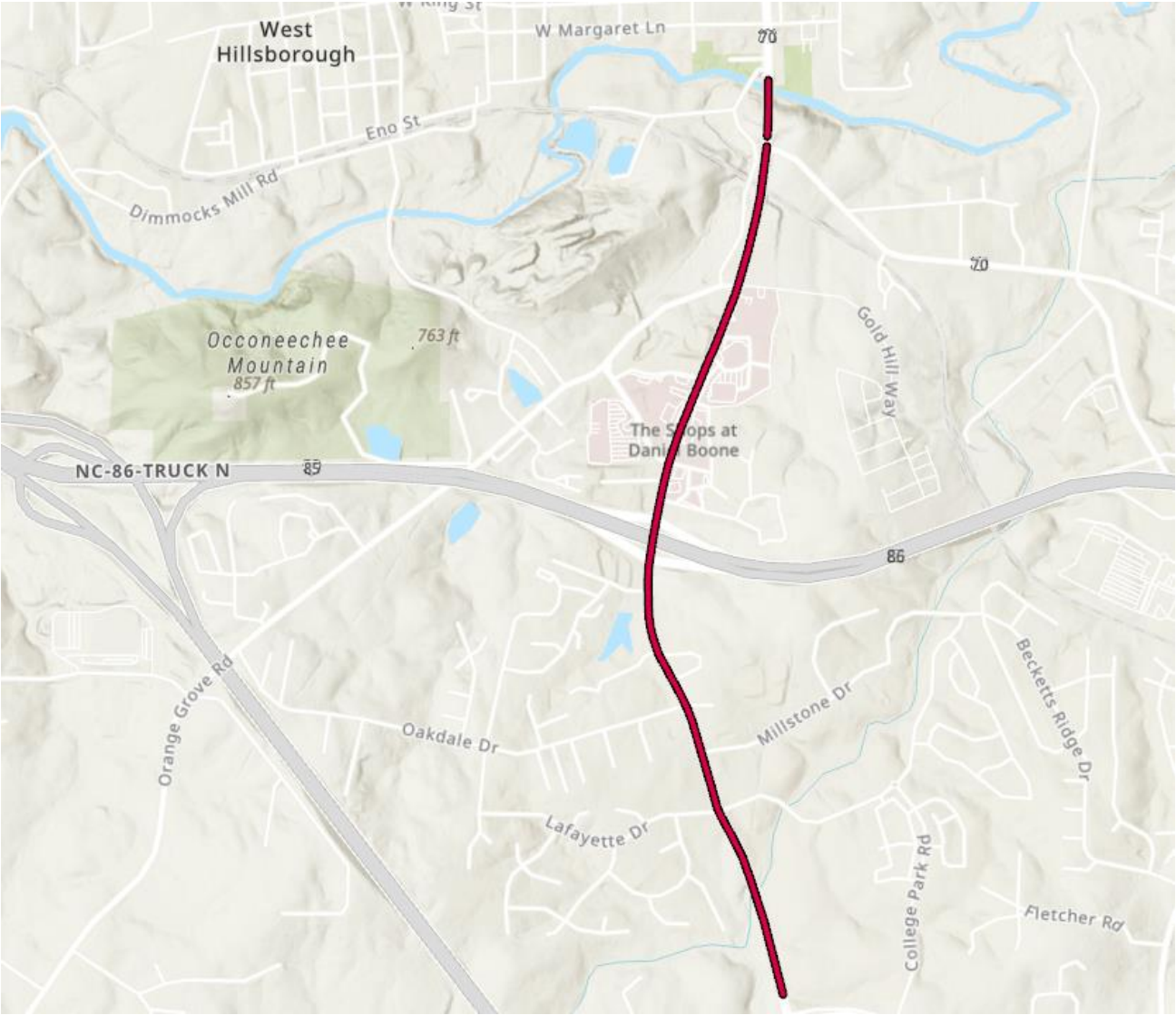
Highway Projects – Orange – Schedule Adjusted

I-85		
I-5967		
Statewide Tier		
SR 1009 (S. Churton St) in Hillsborough interchange improvements		
	ROW	CON
20-29 STIP	2025	2028
24-33 STIP	2029 or later	2029 or later



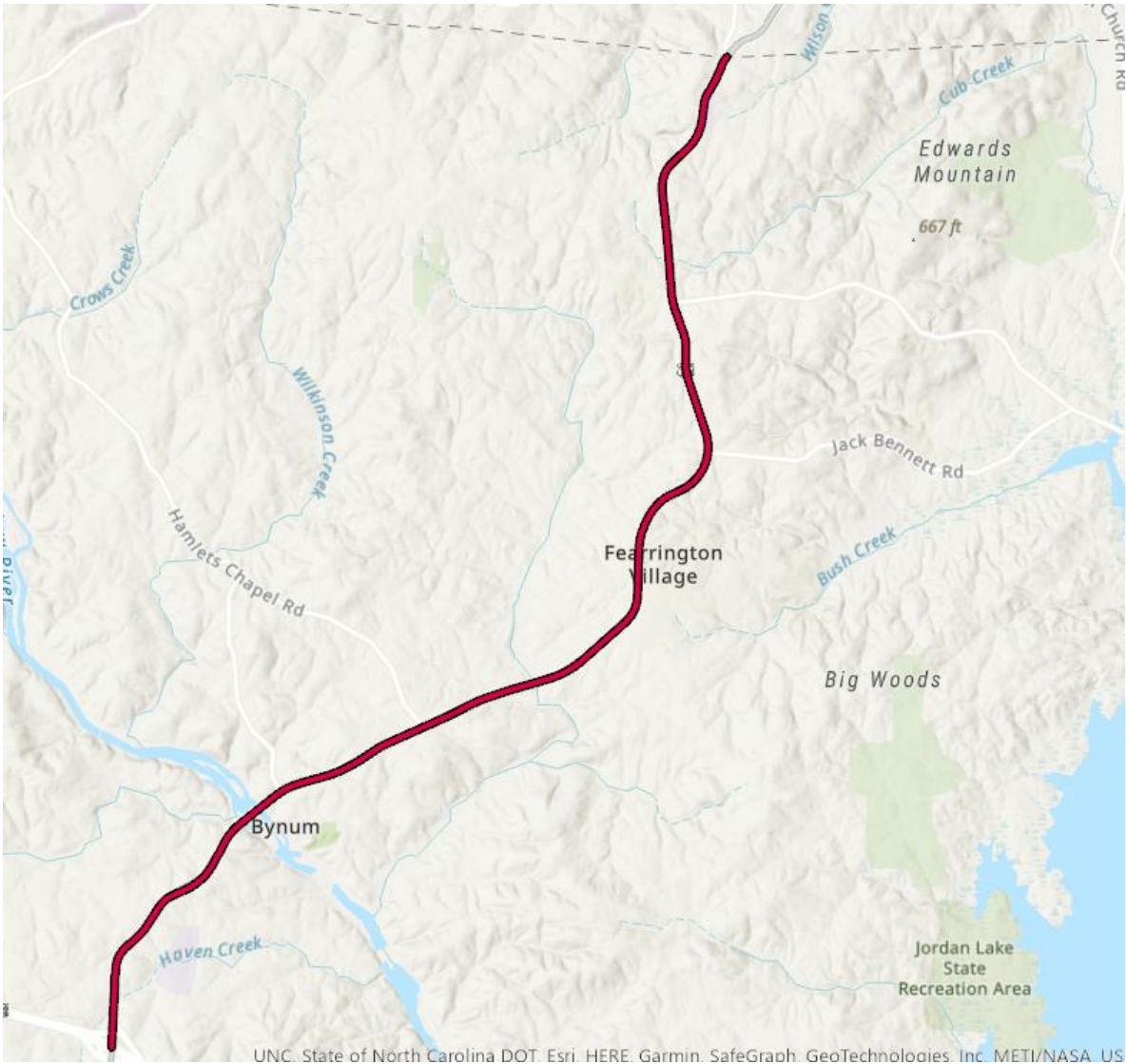
Highway Projects – Orange – Schedule Adjusted

SR 1009 (South Churton Street)		
U-5845		
Division 7		
I-40 to Eno River in Hillsborough widen to multi-lanes		
	ROW	CON
20-29 STIP	2026	2029
24-33 STIP	2027	2029



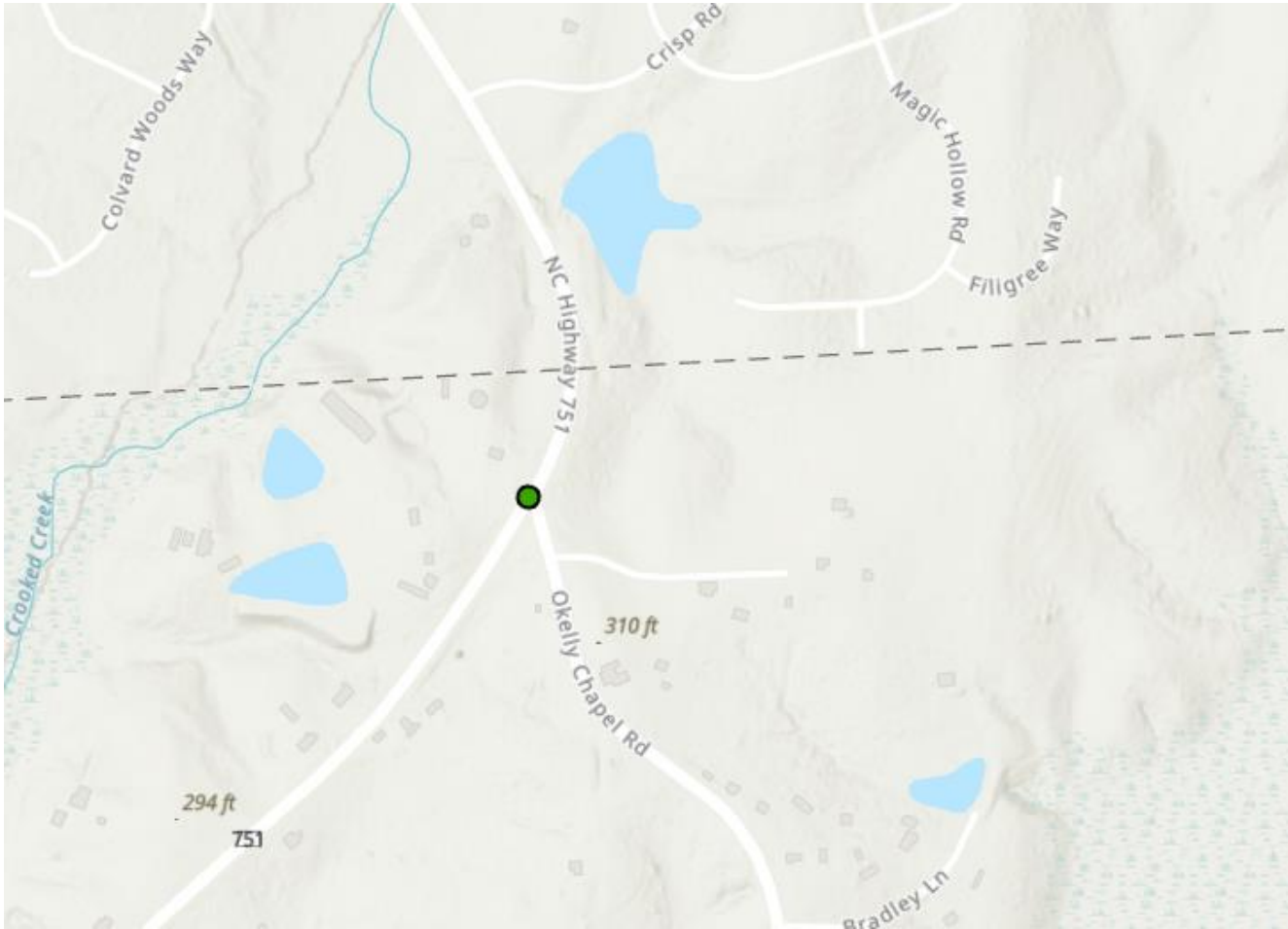
Highway Projects – Chatham – Schedule Adjusted

US 15/501		
U-6192		
Divisions 7 & 8		
US 64 Bypass to SR 1919 (Smith Level Rd) convert remaining non-synchronized sections of facility to synchronized street		
	ROW	CON
20-29 STIP	2026	after 2029
24-33 STIP	2029 or later	2029 or later



Highway Projects – Chatham – Schedule Adjusted

NC 751		
R-5825		
Division 8		
SR 1731 (O'Kelly Chapel Rd) upgrade and realign intersection		
	ROW	CON
20-29 STIP	N/A	2022
24-33 STIP	N/A	2023



BikePed Projects – Durham – Schedule Not Changing

STIP ID	Description	ROW	CON
EB-5834	NC 157 from Hillcrest Dr to SR 1407 (W. Carver St) construct sidewalks on both sides	2025	2026
EB-5835	NC 55 at SR 1171 (Riddle Rd) to Cecil St construct sidewalk on East side	2027	2028
BL-0031	Various locations in Division 5 – construct bicycle accommodations	N/A	2023
EB-5720	Bryant Bridge N / Goose Creek W Trail – construct shared-use path and connecting sidewalks	2022	2023
EB-5904	Durham Beltline Trail – construct multi-use trail on former rail corridor	N/A	2022
EB-5703	Lasalle St – construct sidewalks on both sides from Kangaroo Dr to Hillsborough Rd and on one side from Hillsborough Rd to Sprunt Ave	2022	2022
EB-5708	NC 54 from NC 55 to RTP – construct sections of sidewalk on S side	2021	2022
EB-5704	Raynor St from N Miami Blvd to N Hardee St construct sidewalk on one side	2021	2022

BikePed Projects – Durham – Schedule Not Changing

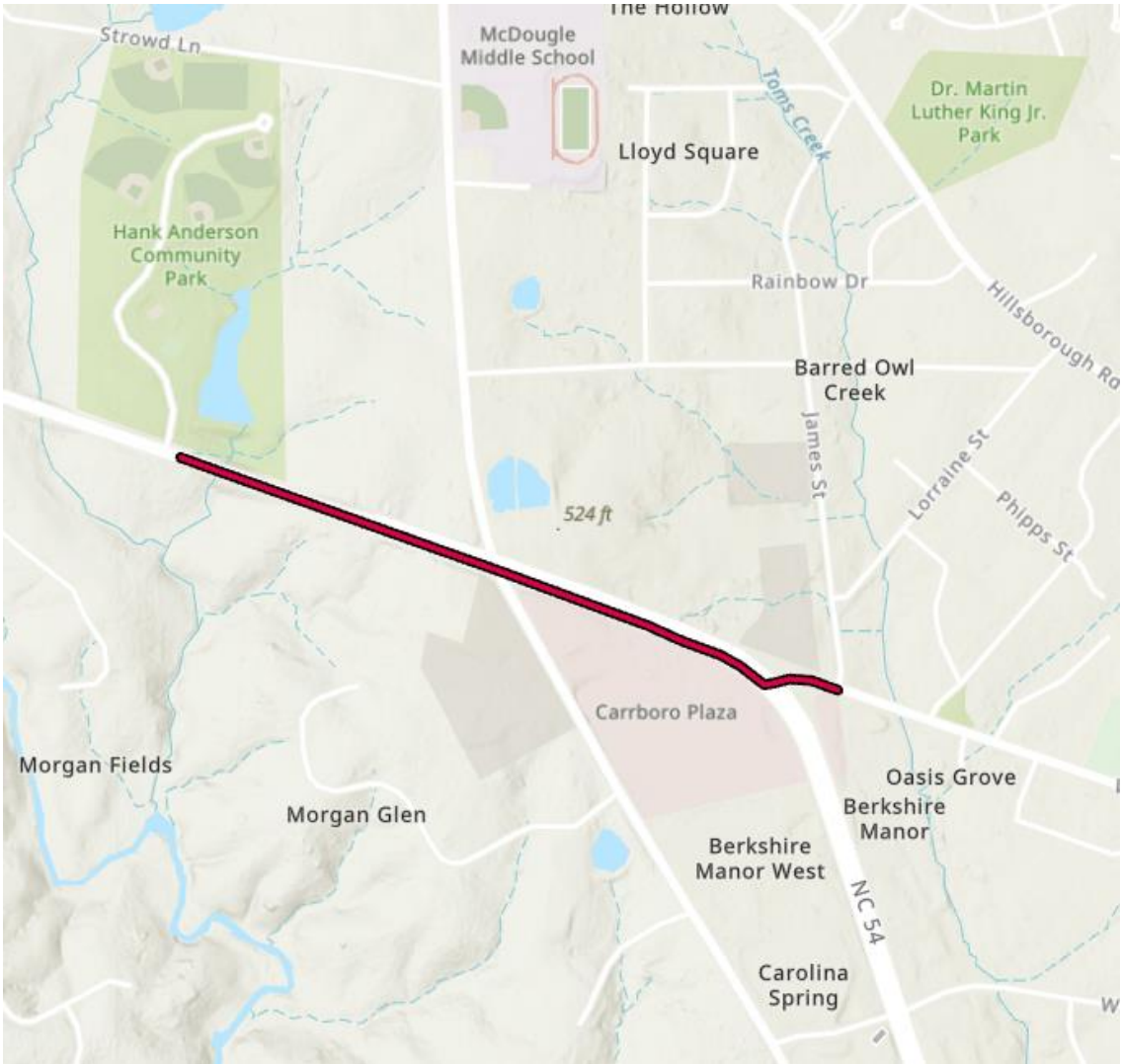
STIP ID	Description	ROW	CON
BL-0028	SR 1127 (Chapel Hill St); W Club Blvd – construct buffered bicycle lanes	N/A	2023
U-4724	SR 1158 (Cornwallis Rd) from SR 2295 (S Roxboro St) to SR 1127 (Chapel Hill Rd) – construct bicycle and pedestrian features	2022	2024
EB-5837	Third Fork Creek Trail – construct shared use path and sidewalks	2022	2023
BL-0030	US 15/501 – construct buffered bicycle lanes	N/A	2022
EB-5715	US 501 Bypass (N Duke St) – construct sidewalk on E side to fill in existing gaps	2021	2022
C-4928	SR 1317 (Morreene Rd) from Neal Rd to SR 1320 (Erwin Rd) – construct bike lanes and sidewalks	2022	2023
C-5183B	SR 1945 (S Alston Ave) from SR 1171 (Riddle Rd) to Capps St – construct sidewalks	N/A	2022

BikePed Projects – Orange – Schedule Not Changing

STIP ID	Description	ROW	CON
EB-5890	Barnes St from King St to SR 1005 (Jones Ferry Rd) – construct sidewalk	2024	2025
EB-5880	SR 1005 (Jones Ferry Rd) from Davie Rd to SR 1010 (W Main St) – construct sidewalk on North side	2024	2025
EB-5886A	SR 1780 (Estes Dr) – bicycle and pedestrian improvements	2024	2026
EB-5886B	SR 1780 (Estes Dr) – bicycle and pedestrian improvements	2023	2025
EB-5998	US 15/501 from Willow Dr to SR 1741/SR 1838 – construct multiuse paths	N/A	2026
EL-4828 & EL-4828A	Morgan Creek Greenway – construct greenway and connections	N/A	2022
BL-0044	NC 54 – construct sidewalk and install pedestrian signals, crosswalks, and refuge islands	2022	2023
EB-5721	Orange County Bicycle Route 1 – upgrade existing off-road path and construct new section of path	N/A	2022
C-5181	Jones Creek Greenway – construct a foot bridge and paved trail to fill in gaps	N/A	2022
C-5650	SR 1919 (Smith Level Rd) / S Greensboro St – construct sidewalk on one side	2022	2023

BikePed Projects – Orange – Schedule Adjusted

NC 54		
EB-5994		
Division 7		
Anderson Park to James St in Carrboro construct multiuse path on N side of NC 54		
54		
	ROW	CON
20-29 STIP	2026	2028
24-33 STIP	2029 or later	2029 or later



- There were no changes to public transit project delivery schedules



Next Steps for the MPO

- June 8, 2022 – Introduction to MPO Board
- June/July – Work with local jurisdictions and NCDOT to determine proposed swaps
- July 27, 2022 – Review proposed swaps with TC, receive feedback
- August 10, 2022 – Review proposed swaps with MPO Board, receive feedback
- August 24, 2022 – TC makes recommendation on swaps to MPO Board
- September 14, 2022 – MPO Board votes to approve swaps
- September 30, 2022 – Project swaps due to STIP managers

Next Steps for STIP Development

- December 2022 – NCODT releases revised draft STIP
- Spring 2023 – Draft STIP public comment period
- June 2023 – STIP approved by NC Board of Transportation
- September 2023 – DCHC MPO approves FY24-33 TIP