

Transpo

Rank	Org
Highway	
1	TARPO
2	MPO
3	TARPO
4	MPO
5	TARPO
6	MPO
7	TARPO
8	TARPO
9	TARPO
10	TARPO
11	TARPO
Bike/Ped	
1	TARPO
2	TARPO
3	TARPO
Transit	
1	TARPO
2	TARPO
Rail	
1	TARPO

Transportation Advisory Committee Suggested Projects and Priorities

Description
General improvements to support increased capacity on secondary roads surrounding the Triangle Innovation Point site.
Safety improvements at the 15-501 and Lystra Road intersection.
Safety improvements (potentially a signal) at the intersection of 421 and Ike Brooks.
Safety improvements at Old Farrington Road and Whippoorwill Lane intersection.
Safety improvements at the intersection of Henderson Tanyard Road and Castle Rock Road.
Safety improvements at the intersections of 15-501 Village Way/Weathersfield
Modernization of Beaver Creek Road to reduce congestion.
Intersection improvements at 751 and 64 to increase safety and reduce congestion.
Safety improvements on Russell Chapel Church Road
Safety improvements at intersection of 64 and Progress Way (Siler City)
Increased lighting at intersection of 902 and 87 (Pittsboro)
Pike/pedestrian facilities on Seaforth Road to 64.
Bike/pedestrian safety improvements crossing 15-501 at Northwood High (hi-vis, pedestrian bridge) – Pittsboro
Construction of a bike/ped safety corridor on US64 bridge over Haw River. Cantilever corridor or protective barrier.
Expansion of transit route from Chapel Hill to downtown Pittsboro.
Funding to increase the curb-to-curb services of Chatham Transit Network in rural areas.
Creation of passenger/commuter rail between Moncure region and Car/Apex region.

Projects Expected to be Funde

ORG.	ROUTE	DESCRIPTION	MODE	ROW SCHEDULE
TARPO	SILER CITY MUNICIPAL AIRPORT (SCR)	ACQUIRE NAVIGATION EASEMENTS IN RUNWAY 4 AND RUNWAY 22 APPROACHES, AND REMOVE OBSTRUCTIONS IN EASEMENTS.	AVIATION	2022
TARPO	CHATHAM BUSINESS DR	SOUTH OF US 64 BUSINESS (EAST STREET) TO 900 FEET SOUTH OF US 64 BUSINESS (EAST STREET) IN PITTSBORO. CONSTRUCT SIDEWALK SEGMENT TO CONNECT EXISTING SIDEWALK	BIKE/PED	2022
TARPO	SR 2103 (EAST RALEIGH STREET)	SOUTH 7TH AVENUE TO US 64 (EAST 11TH STREET) IN SILER CITY. CONSTRUCT SIDEWALK ON SOUTH SIDE.	BIKE/PED	
TARPO/ DCHC MPO	NC 751	SR 1731 (O'KELLY CHAPEL ROAD). UPGRADE AND REALIGN INTERSECTION.	HIGHWAY	
TARPO	SR 1916 (CORINTH ROAD)	REPLACE BRIDGE 180010 OVER SHADDOX CREEK.	HIGHWAY	
TARPO	US 15 / US 501	SOUTH OF US 64 BUSINESS TO POWELL PLACE LANE IN PITTSBORO. WIDEN TO MULTILANES, MILL AND RESURFACE, AND CONSTRUCT ROADWAY AND STREETScape IMPROVEMENTS AT TRAFFIC CIRCLE.	HIGHWAY	
TARPO	US 15 / US 501	US 15 / US 501, SOUTH OF US 64 BUSINESS TO NORTH OF US 64 BUSINESS. CONSTRUCT ROADWAY AND STREETScape IMPROVEMENTS AT TRAFFIC CIRCLE.	HIGHWAY	
TARPO	US 421	NC 902 INTERSECTION. CONVERT EXISTING SIGNALIZED INTERSECTION TO A SUPERSTREET.	HIGHWAY	2022

TARPO	VARIOUS	TRIANGLE INNOVATION POINT MEGASITE. ROADWAY IMPROVEMENTS.	HIGHWAY	
TARPO	CHATHAM TRANSIT NETWORK	ADMINISTRATION	PUBLIC TRANSIT	
TARPO	VARIOUS	CHATHAM TRANSIT NETWORK. PURCHASE 3 NEW RAMP-EQUIPPED MINIVANS.	PUBLIC TRANSIT	
TARPO	SR 1916 (CORINTH ROAD)	CSX CROSSING 630723C NEAR HAYWOOD. INSTALL ACTIVE WARNING DEVICES.	RAIL	
TARPO	SR 1007 (PLANK ROAD)	REPLACE BRIDGE 180169 OVER DEEP RIVER.	HIGHWAY	2025
TARPO	SR 1107 (WEST 3RD STREET)	NORTH GARDEN AVENUE TO SR 1108 (NORTH CHATHAM AVENUE) IN SILER CITY. CONSTRUCT SIDEWALK.	BIKE/PED	2024
TARPO	NEW ROUTE	COUNTRY ROUTT BROWN ROAD TO US 15 / US 501. CONSTRUCT 2-LANE ROADWAY ON NEW LOCATION.	HIGHWAY	2023
TARPO	NEW ROUTE	US 15 / US 501 / NC 87 TO US 64 BUSINESS. CONSTRUCT 2-LANE ROADWAY ON NEW LOCATION.	HIGHWAY	2024
TARPO	US 15 / US 501	US 15 / US 501, NORTH OF US 64 BUSINESS TO POWELL PLACE LANE. MILL AND RESURFACE FROM NORTH OF US 64 BUSINESS TO LAUNIS STREET AND WIDEN FROM LAUNIS STREET TO POWELL PLACE LANE.	HIGHWAY	2023
TARPO	US 64 (EAST 11TH STREET)	NORTH GLENN AVENUE TO EAST OF US 421 IN SILER CITY. UPGRADE ROADWAY TO INCLUDE MEDIAN FOR ACCESS CONTROL, SIDEWALKS, CROSSWALKS, BICYCLE LANES AND / OR MULTIUSE SIDEPATH.	HIGHWAY	2023
TARPO/ DCHC MPO	US 15 / US 501	US 64 BYPASS TO SR 1919 (SMITH LEVEL ROAD). CONVERT REMAINING NON-SYNCHRONIZED SECTIONS OF FACILITY TO SYNCHRONIZED STREET.	HIGHWAY	2027

TARPO/ DCHC MPO	US 64	NC 751. CONVERT AT-GRADE INTERSECTION TO INTERCHANGE.	HIGHWAY	2027
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ed in the 2024-2033 STIP

UTILITIES SCHEDULE	CONSTR. SCHEDULE	OTHER ACTIVITIES SCHEDULE	TOTAL REMAINING FUNDS NEEDED	COMMENT
			\$365,000	
	2022	2022	\$210,000	
	2022		\$744,000	
	2023		\$925,000	
				UNDER CONSTRUCTION
	2021	2021	\$4,450,000	UNDER CONSTRUCTION
	2023		\$836,000	

				ECONOMIC DEVELOPMENT PROJECT; PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDY ONLY
		2020	\$944,000	FUNDS AUTHORIZED IN PROGRESS
		2021	\$141,000	
	2023		\$800,000	
2025	2026		\$7,150,000	
	2026		\$577,000	
2023	2024		\$21,352,000	
2024	2027		\$56,359,000	
2023	2025		\$15,400,000	
2023	2026		\$28,301,000	
2027	2030		\$117,700,000	

2027	2029		\$35,800,000	
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STATUS	ORG.	MODE	ROUTE	FROM	TO
No Carry	TARPO	Aviation	SCR - Siler City Municipal Airport: Parallel Taxiway	parallel to runway	
No Carry	TARPO	Bicycle & Pedestrian	US 64 Business (West Street) / CCCC Entrance Road	NC 87	Central Carolina Community College
No Carry	TARPO	Bicycle & Pedestrian	SR 2208 (South Second Avenue)	Greenhill Drive	SR 2110 (Alston Bridge Road)
No Carry	TARPO	Bicycle & Pedestrian	SR 1006 (North Second Avenue)/SR 1317 (Greensboro Avenue)	East Sixth Street	US 64 (East Eleventh Street)
No Carry	TARPO	Bicycle & Pedestrian	SR 1006 (North Second Avenue) / Cottage Grove Avenue	East Fourth Street	West Eleventh Street
No Carry	TARPO	Bicycle & Pedestrian	SR 1107 (East Third Street) / North Avenue	SR 1006 (North Second Avenue)	US 64 (East Eleventh Street)
No Carry	TARPO	Bicycle & Pedestrian	SR 1107 (East Third Street) / North Tenth Avenue	North Fourth Avenue	SR 2103 (East Raleigh Street)
No Carry	TARPO	Bicycle & Pedestrian	SR 1108 (North Chatham Avenue) / Memorial Drive / Cottage Grove Avenue	Craven Street	US 64 (West Eleventh Street)
No Carry	TARPO	Bicycle & Pedestrian	South Sixth Avenue	SR 2103 (East Raleigh Street)	SR 2208 (South Second Avenue)

No Carry	TARPO	Bicycle & Pedestrian	Multiple intersections on US 64 Business and US 15-501 in Pittsboro	Multiple	
No Carry	TARPO	Bicycle & Pedestrian	SR 1108 (North Chatham Avenue)/Memorial Drive/Cottage Grove Avenue/Connector Road	Craven Street	US 64 (West Eleventh Street)
No Carry	TARPO	Bicycle & Pedestrian	East Fourth Street/Pine Glade Avenue	North Fifth Avenue	US 64 (East Eleventh Street)
No Carry	TARPO	Bicycle & Pedestrian	Fifth Street/North Garden Avenue	North Second Street	West Third Street
No Carry	TARPO	Bicycle & Pedestrian	Jordan Matthews High School Greenway	Loves Creek Greenway	East Cardinal Street
No Carry	TARPO	Bicycle & Pedestrian	West Elk Street	SR 1006 (West Raleigh Street)	SR 1108 (South Chatham Avenue)

No Carry	TARPO	Bicycle & Pedestrian	Fir Avenue/West Elk Street	SR 1107 (West Third Street)	SR 1006 (West Raleigh Street)
No Carry	TARPO	Bicycle & Pedestrian	South Seventh Avenue/East Dolphin Street	SR 2103 (East Raleigh Street)	SR 2208 (South Second Avenue)
No Carry	TARPO	Bicycle & Pedestrian	SR 2110 (Alston Bridge Road)	SR 2208 (South Second Avenue)	Loves Creek Greenway
No Carry	TARPO	Bicycle & Pedestrian	SR 1004 (Martin Luther King Jr Boulevard)	US 64 (East Eleventh Street)	Hill Street
No Carry	TARPO	Highway	US 421	NC 902	
No Carry	TARPO	Highway	NC 87 (Graham Road)	US 64 (Pittsboro Bypass)	SR 1553 (Pete Thomas Road)
No Carry	TARPO	Highway	NC 902	NC 22/42	US 421

No Carry	TARPO	Highway	NC 902	US 421	NC 87
No Carry	TARPO	Highway	NC 42	NC 22	SR 2318 (Ronald Scott Road / Calvin Phillips Road)
No Carry	TARPO	Highway	US 64	East of US64 Business Interchange	West of NC 751
No Carry	TARPO	Highway	US 421	SR 2210 (Carter Brooks Road)	Lee County Line
No Carry	TARPO	Highway	US 421	SR 1010 (Pittsboro Goldston Road)	SR 1400 (Cumnock Road)

		Public Transit	Expansion vehicle for CT Express Route	Pittsboro	Chapel Hill
No Carry	TARPO				
No Carry	MPO	Highway	NC 751	SR 1118 (Fayetteville Road)	SR 1731 (O'Kelly Chapel Road)
No Carry	MPO	Highway	NC 751	SR 1731 (O'Kelly Chapel Road)	US 64
No Carry	MPO	Highway	SR 1731 (O'Kelly Chapel Road)	NC 751	SR 3132 (Yates Store Road)
No Carry	MPO	Highway	SR 1717 (Jack Bennett / Lystra Road)	US 15/501	SR 1008 (Farrington Point Road)
Carry Over	TARPO	AVIATION	SILER CITY MUNICIPAL AIRPORT (SCR)		

Carry Over	TARPO	BIKE/PED	SR 2106 (EAST CARDINAL STREET); SOUTH 10TH AVENUE		
Carry Over	TARPO	HIGHWAY	NC 87		
Carry Over	TARPO	HIGHWAY	US 15 / US 501		
Carry Over	TARPO	HIGHWAY	VARIOUS		
Carry Over	TARPO	HIGHWAY	US 64		
Carry Over	MPO	Public Transit	North-South BRT w/ Pittsboro	Eubanks park-and-ride in Chapel Hill	Chatham Park in Pittsboro

Projects Not Funded in the 2024-2033 STIP

DESCRIPTION	COST TO NCDOT	Statewide Mobility Score (Out of 100)	Regional Impact Score (Out of 70)	Division Needs Score (Out of 50)
Construct parallel taxiway (Partner Connect ID 3124 and 3127)	\$ 6,550,000	N/A	N/A	31.80
Construct sidewalk. Provide crosswalks and pedestrian signals at West St/NC 87 intersection.	\$ 324,000	N/A	N/A	14.50
Construct sidewalk.	\$ 345,000	N/A	N/A	17.37
Construct sidewalk on east side of roadway	\$ 395,000	N/A	N/A	22.12
Construct sidewalk on west side of street	\$ 522,000	N/A	N/A	30.24
Construct sidewalk on north side of East Third Street and west side of North Avenue	\$ 1,190,000	N/A	N/A	29.68
Construct sidewalk along south side of East Third Street, and along one side of North Tenth Avenue	\$ 731,000	N/A	N/A	30.35
Construct sidewalk	\$ 390,000	N/A	N/A	19.58
Construct sidewalk	\$ 713,000	N/A	N/A	21.13

<p>Construct pedestrian crossing improvements at multiple intersections in Pittsboro. Includes: (1) crosswalks and pedestrian signals at West Street & NC 87; (2) crosswalks, curb ramps, sidewalk segments & median refuge island at West Street & McClenahan Street; (3) crosswalks, curb ramps, sidewalk segments & median refuge island at West Street & Fayetteville Street; (4) crosswalks, curb ramps, sidewalk segments & median refuge island at East Street & Masonic Street; (5) crosswalks, curb ramps, sidewalk segments & median refuge island at East Street & Small Street; (6) crosswalks, curb ramps, sidewalk segments & pedestrian signals at East Street & Martin Luther King Drive; (7) RRFB or other safety measures at existing crosswalk on Hillsboro Street between Launis & Midway Streets; (8) crosswalks & curb ramps at Sanford Road & Pittsboro Elem School Road; (9) RRFB and curb extensions at Sanford Road & Chatham Street; and (10) ADA compliant ramp at Hillsboro Street & Salisbury Street.</p>	\$ 456,000	N/A	N/A	30.47
<p>Construct sidewalk on east side of Chatham Avenue from Craven Street to new US 64 connector road north of US 64, including improvements to bridge. Construct sidewalk on Memorial Drive/Cottage Grove Avenue from Chatham Avenue to US 64. Construct sidewalk on new US 64 connector road from Chatham Avenue to US 64.</p>	\$ 1,087,000	N/A	N/A	18.34
<p>Construct sidewalk on north/east side of street</p>	\$ 490,000	N/A	N/A	29.14
<p>Construct sidewalk on north side of Fifth Street from North Second Avenue to North Garden Avenue. Construct sidewalk on east side of North Garden Avenue from West Fifth Street to West Third Street.</p>	\$ 1,158,000	N/A	N/A	25.42
<p>Construct multi-use path</p>	\$ 443,000	N/A	N/A	23.97
<p>Construct sidewalk</p>	\$ 976,000	N/A	N/A	16.60

Construct sidewalk on Fir Avenue from West Third Street to West Elk Street, and on West Elk Street from Fir Avenue to West Raleigh Street.	\$ 583,000	N/A	N/A	27.07
Construct sidewalk	\$ 578,000	N/A	N/A	21.85
Construct sidewalk	\$ 414,000	N/A	N/A	20.34
Construct sidewalk	\$ 241,000	N/A	N/A	27.89
Construct interchange at US 421 and NC 902.	\$ 17,000,000	50.72	30.04	20.58
Widen to Twenty-Four Feet Construct Paved Shoulders Provide Turn Lanes at Various Locations and Realign Where Appropriate	\$ 53,700,000	N/A	13.72	9.83
Modernize roadway. Also includes bicycle accommodations as recommended in CTP.	\$ 76,200,000	N/A	35.34	24.81

Modernize roadway	\$ 83,100,000	N/A	31.94	23.53
Modernize roadway, including intersection alignment improvements at NC 22, Winfred Brady Rd, and Ronald Scott Rd intersections	\$ 13,700,000	N/A	33.00	24.10
Construct Reduced Conflict Intersections along the US64 Corridor in the vicinity of Lake Jordan	\$ 38,900,000	61.05	33.28	23.64
Improve at-grade intersection along US 421 between Siler City and the Lee County line with Reduced Conflict Intersections.	\$ 83,300,000	52.45	31.01	22.12
Upgrade existing corridor to Interstate-grade freeway	\$ 142,200,000	62.27	35.09	20.78

Purchase one large transit vehicle for use on Chatham Transit's fixed route services	\$ 450,000	N/A	N/A	4.86
Widen NC 751 to four lanes divided and improve the intersection with Fayetteville Road. Include a sidepath for bike/ped use.	\$9,000,000	N/A	N/A	N/A
Modernize roadway with bike/ped accommodation (either sidepath or bike lanes - exact facility to be determined).	\$69,400,000	N/A	24.94	20.52
Modernize O'Kelly Chapel Road with turn lanes and wider shoulders. Includes a grade separation at the American Tobacco Trail.	\$22,300,000	N/A	N/A	18.95
Modernize roadway to flatten curves and add appropriate shoulders.	\$30,500,000	N/A	N/A	18.26
EXTEND RUNWAY 22 AND PARALLEL TAXIWAY BY 500 FT, INCLUDING RELOCATION OF AIRPORT ROAD	\$7,758,000	N/A	N/A	N/A

SR 2016 (EAST CARDINAL STREET) FROM SR 2223 (MATTHEWS STREET) TO SOUTH 10TH AVENUE, AND SOUTH 10TH AVENUE FROM EAST CARDINAL STREET TO SR 2103 (EAST RALEIGH STREET) IN SILER CITY. CONSTRUCT SIDEWALK.	\$902,000	N/A	N/A	N/A
NC 902 IN PITTSBORO TO US 64 BYPASS. WIDEN TO 12-FT LANES AND 4-FT PAVED SHOULDERS.	\$17,900,000	N/A	N/A	N/A
SOUTH OF US 64 BUSINESS TO POWELL PLACE LANE IN PITTSBORO. WIDEN TO MULTILANES, MILL AND RESURFACE, AND CONSTRUCT ROADWAY AND STREETScape IMPROVEMENTS AT TRAFFIC CIRCLE.		N/A	N/A	N/A
TRIANGLE INNOVATION POINT MEGASITE. ROADWAY IMPROVEMENTS.		N/A	N/A	N/A
UPGRADE 5-LANE US 64 TO SUPERSTREET FROM THE WALMART ENTRANCE ROAD TO SR 1003 (SILK HOPE ROAD).	\$6,100,000	N/A	N/A	N/A
Provide high quality bus rapid transit service from Eubanks park-and-ride in Chapel Hill to Chatham Park in Pittsboro via NC 86 and US 15-501. Serve downtown Chapel Hill, UNC campus, UNC hospital, Southern Village, Fearington Village, and Pittsboro.	\$16,717,048	N/A	N/A	N/A



PRIMARY PURPOSE

allow aircraft to taxi on taxiway rather than runway

Create pedestrian connection between existing sidewalk network and community college campus.

This project would fill a gap in the current sidewalk network, connecting existing sidewalks that lead north into the rest of Siler City, and south to Chatham Middle School, as well as serving Bray Park and the Loves Creek Greenway.

Improve pedestrian connectivity between downtown Siler City and the US 64 corridor by filling gap in sidewalk connectivity

Improve pedestrian connectivity between downtown Siler City and the US 64 corridor to the north, filling a gap in the town's sidewalk network

This would fill a gap in the town's sidewalk network by connecting the downtown area to the US 64 corridor, and would connect to the largest employment center in the town (Mountaire Farms).

This would improve pedestrian connectivity between downtown Siler City, the Mountaire facility, residential neighborhoods, the East Third Street commercial corridor, and the Jordan Matthews High School area.

Improve pedestrian connectivity to a section of town without existing sidewalks

Improve sidewalk connectivity, including connectivity to downtown area (via Raleigh St), Jordan Matthews High School, and residential neighborhoods.

This project is intended to improve crossing safety and convenience for pedestrians.

Extend the town's sidewalk network in order to provide pedestrian access to a portion of northwestern Siler City that does not currently have pedestrian facilities.

Extend the town's sidewalk network and provide an additional pedestrian connection between the downtown area and US 64.

Improve pedestrian connectivity and access in western Siler City.

The project will connect the existing Loves Creek Greenway to Jordan Matthews High School and the surrounding neighborhood.

Provide a pedestrian connection through an underserved neighborhood, connecting with existing sidewalks at either end of the project.

Provide pedestrian connections between existing sidewalks and improve pedestrian accessibility within the neighborhoods in western Siler City.

Improve pedestrian connectivity in southeastern Siler City by providing sidewalk that connects existing sidewalks on S 2nd Avenue, E Cardinal Street, and E Raleigh St, including improved pedestrian access to Jordan Matthews High School

Provide pedestrian connection between existing Loves Creek Greenway access, Bray Park, and existing Second Avenue sidewalk

Improve pedestrian access to neighborhoods north of US 64

The primary purpose of this project is to improve mobility along the US 421 corridor, which is currently reflected in plans for a long-term upgrade to a freeway through this area (in conjunction with an effort to get this route designated as a future interstate). Removing the signal at NC 902 and replacing it with an interchange would improve mobility on the corridor and enable those future freeway improvements in the corridor.

NC 87 currently has narrow lanes and is an important connection between Pittsboro and the Burlington area. This project would improve the quality of the roadway to modern standards.

NC 902 has narrow lanes and no shoulders. It can be difficult for larger vehicles to pass each other and to safely navigate the narrow road. Modernization would bring the road up to modern design standards and improve safety.

Widen pavement on existing roadway, which is currently narrower than standards, to improve conditions for drivers. Secondary benefit to bicyclists (this road is identified on CTP as needing bicycle improvements as well). Some sections of this road are extremely narrow, making it difficult for large vehicles to safely pass each other.

NC 42 is a narrow roadway and this project would widen it to appropriate standards. The NC 22 and Ronald Scott Rd intersections are both skewed and would be safer if realigned to improve sight lines. The Winfred Brady Rd intersection is slightly offset from Chirpy Rd and would be safer and more efficient if modified to line up the two sides.

Enhance safety and mobility by reducing potential conflict at intersections

Improve Mobility and Access Control along US 421 with Reduced Conflict Intersections. US 421 traffic volumes continue to increase. Two Megasites are available for development with direct access from US 421.

The US 421 corridor between I-85 at Greensboro and I-95 at Dunn has been promoted as a potential Future Interstate corridor. This project would improve one of the sections that does not currently have full control of access.

The current CT Express route runs at capacity at certain popular times, and the purchase of an additional large vehicle would allow more service to be provided to meet the high demand. As the Chatham Park development occurs in Pittsboro in coming years, demand is likely to increase.

Traffic is currently funneled into a two-lane roadway from both directions. NC 751 and Fayetteville Street merge into this roadway in Durham County from the north, and traffic from NC 751 and O'Kelly Chapel Road are funneled onto this road from the south. Widening this road will relieve congestion from the recent development in southern Durham, Chatham County, and Cary.

Improve roadway with wider shoulders and bicycle facility to improve safety.

Improve traffic flow and create a wider recovery zone for vehicles. Bicycle activity is high in this area immediately west of the Town of Cary. The American Tobacco Trail currently crosses O'Kelly Chapel Road at grade; the proposed grade separation would create a safer crossing for trail users.

Jack Bennett and Lystra roads are seeing additional traffic due to residential growth in this portion of Chatham County. As traffic volumes increase, these roads need to be upgraded to improve safety and allow for appropriate traffic speeds.

Provide high quality bus rapid transit service from Eubanks park-and-ride in Chapel Hill to Chatham Park in Pittsboro via NC 86 and US 15-501. Serve downtown Chapel Hill, UNC campus, UNC hospital, Southern Village, Fearington Village, and Pittsboro.