

SPOT 7 DCHC MPO Transit Submittal List

Project Candidates for Review

April 26, 2023

#	Route/Facility Name	From/Cross Street	To/Cross Street	Description	Project Category	County/ Jurisdiction	Submitted in SPOT 6?	SPOT ID	SCORE	Request has Been Modified?
Holding Tank										
1	Village Neighborhood Transit Center	Village Shopping Center, near the intersection of Raynor Street and Miami Boulevard.		Design and construct a Neighborhood Transit Center (NTC). This will include shelters, landing pads, bus pullouts, and information and ticket kiosks. Park-and-ride facilities will also be available.	Division Needs	Durham	Yes	T150449		No
2	Commuter Rail Transit West Durham to Auburn	CRT service from the West Durham station, which is along Main Street in Durham between Fifteenth Street and Hillsborough Road, and the Auburn station in Garner.		Construct commuter-rail transit service adjacent to and/or within the existing NCRR corridor extending from West Durham to Auburn station in Garner via RTP, Morrisville, Cary, and Raleigh. Provide 5 trains each direction during the morning rush hour, 5 in the evening rush hour and 1 train each direction in the off-peak AM and PM (a total of 12 trains each direction). The peak services will operate at one-hour intervals (e.g. leave origin station at 6:00 am 7:00 am 8:00 am etc.). A total of eight locomotives and 32 coaches will be purchased.	Regional Impact	Durham, Wake	Yes	T171692		No
3	GoTriangle DRX Route Expansion	DRX route serves Durham to Raleigh via Durham Station in Downtown Durham and Raleigh Union Station in Downtown Raleigh.		Purchase two additional vehicles to reduce peak-hour service headways to every 15 minutes.	Regional Impact	Durham, Wake	Yes	T171711		No
4	ODX Route Headway Reduction	Durham Station in Downtown Durham to Efland-Cheeks Community Center in Orange County. Serves Duke University, Durham Tech Orange Campus, downtown Hillsborough, and Mebane in Alamance County.		Purchase one additional vehicle to support headway reduction to 30 minutes during peak service hours on the ODX route.	Regional Impact	Durham, Wake	Yes	T171722		No
5	Fayetteville Street Transit Emphasis Corridor	Fayetteville Street from Lakewood Avenue to Riddle Road in Durham.		Improve ridership along the Fayetteville Street corridor, particularly for GoDurham Routes 5 & 5K, by installing sidewalks, improved stop infrastructure such as landing pads, shelters, lighting, etc., as well as crosswalks, signage, and bus pullouts where appropriate.	Division Needs	Durham	Yes	T193154		No
6	GoTriangle Route 800 Headway Reduction	UNC Hospital in Chapel Hill to the Regional Transit Center in RTP/Durham. Serves UNC campus and Southpoint.		Purchase two vehicles to decrease the headways to 15 minutes on the Route 800 from UNC to Southpoint, and construct stop and access improvements including transit priority infrastructure. Improve existing facility at Southpoint Transit Center with shelters, bus pullouts, and designated park-and-ride lot.	Regional Impact	Durham, Orange	Yes	T192949		Yes
7	Chapel Hill Road Transit Emphasis Corridor	Chapel Hill Road in Durham from Chapel Hill Street to Pickett Road.		Improve transit ridership along the Chapel Hill Street corridor by installing sidewalks, improved stop infrastructure such as landing pads, shelters, lighting, etc., as well as crosswalks, signage, and bus pullouts where appropriate. Includes expansion of route 10.	Division Needs	Durham	Yes	T193158		Yes
8	GoTriangle Route 100X arterial / highway BRT	Durham Station to Moore Square Station via NCCU/Durham Tech, Regional Transit Center and NCSU		Construct Transit Center to connect with arterial BRT and 100x expansion as well as downtown TEZ on Mangum and Pettigrew, and RTC to/from I-40	Division Needs	Durham	Yes	T192633		Yes
9	Durham-Chapel Hill BRT	BRT service from North Carolina Central University in Durham to UNC Hospital in Chapel Hill. Using primarily the 15/501 corridor.		BRT service using 10 buses primarily on dedicated lanes. Starting from North Carolina Central University in Durham, stopping at Durham Station in Downtown Durham, Duke University, South Square, Patterson Place, Easttowne, Downtown Chapel Hill, UNC campus, and UNC Hospital, following proposed 400 route. Extend to Carrboro.	Regional Impact	Durham, Orange	Yes	T192845		Yes
10	Durham - Chapel Hill - Arterial BRT	Arterial BRT service from North Carolina Central University in Durham to UNC Hospital in Chapel Hill. Using primarily the 15/501 corridor.		Arterial BRT service using 10 buses primarily on dedicated lanes. Starting from Durham Tech, North Carolina Central University in Durham, stopping at Durham Station in Downtown Durham, Duke University, South Square, Patterson Place, Easttowne, Downtown Chapel Hill, UNC campus, and UNC Hospital, following proposed 400 route. Extend to Carrboro.	Regional Impact	Durham, Orange	Yes	T192955		Yes
11	Durham-Cary BRT	BRT service from Duke University to downtown Cary, via downtown Durham, NCCU, Durham Tech, RTP, and Morrisville.		BRT, using a combination of dedicated lanes and mixed traffic with Transit Signal Prioritization (TSP), from Duke University to downtown Cary. The portion in Wake County will follow the previously funded Morrisville-Clayton BRT line.	Regional Impact	Durham, Wake	Yes	T192850		No
12	Fayetteville Street BRT	Durham Station to Southpoint via Fayetteville Street. Essentially follow the existing GoDurham Route 5.		Run a BRT service along Fayetteville Street in Durham from Durham Station in downtown to the Southpoint Transit Center. Complements existing GoDurham Route 5 service.	Division Needs	Durham	Yes	T192943		No
13	North-South BRT w/ Hillsborough	North-South BRT from Eubanks park-and-ride to Southern Village; includes express service to Hillsborough.		North-South BRT from Eubanks park-and-ride to Southern Village; includes express service to Hillsborough.	Division Needs	Orange	Yes	T192656		Yes

14	Holloway Street BRT	Durham Station in downtown Durham to the Village Transit Center in east Durham. Utilize Holloway street primarily for this route.		Upgrade the GoDurham Route 3 to a BRT line with Traffic Signal Prioritization (TSP) and queue jumps where applicable. Upgrade stops along the way consistent with BRT aspect of the route. Purchase four new vehicles and increase the service hours to run the service.	Division Needs	Durham	Yes	T192853		No
New Submittals										
15	North-South Bus Rapid Transit	Eubanks Park and Ride	Southern Village Park and Ride	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, Fearrington Village, and Pittsboro.	Division Needs	Orange	No	N/A		N/A
16	GoDurham Route 9	Durham Station in Downtown Durham to Riverview Shopping Center in northern Durham		Upgrade route 9 through by purchasing vehicles and expanding service, as well as providing transit amenities and infrastructure for Dearborn Drive Transit Emphasis Corridor (TEC).	Division Needs	Durham	No	N/A		N/A
17	GoDurham Route 4	Durham Station in Downtown Durham to North Duke Crossing. Route serves Duke Regional Hospital		Upgrade route 4 through by purchasing vehicles and expanding service, as well as providing transit amenities and infrastructure for Roxboro Road Transit Emphasis Corridor (TEC).	Division Needs	Durham	No	N/A		N/A
18	North-South Bus Rapid Transit	Hillsborough	Pittsboro	Add additional connection for NSBRT from Hillsborough to Pittsboro	Regional Impact	Orange, Chatham	No	N/A		N/A
19	Downtown Durham Transit Emphasis Zone (TEZ)	Downtown Durham at Pettigrew, Ramsuer, Roxboro, and Mangum streets		Improve bus speed and reliability at TEZ that connect with Liberty Street transit lanes and routes 2, 3, and 9.	Regional Impact	Durham, Wake	No	N/A		N/A
20	GoTriangle ODX Headway Reduction	Durham Station in Downtown Durham to Efland-Cheeks Community Center in Orange County		Reduce headways on route ODX, and upgrade stop and transfer point infrastructure	Regional Impact	Durham, Orange	No	N/A		N/A
21	Central Durham BRT - Route 100X	Duke to Downtown to NCCU / Durham Tech		Add BRT service from Duke to Downtown Raleigh via NCCU/Durham Tech, Regional Transit Center, and NCSU	Regional Impact	Durham, Wake, Johnston	No	N/A		N/A
22	Route 3 Expansion	Durham Station in downtown Durham to Holloway Street		Provide improvements/expand along routes 3 / 3V, East Durham Crosstown, and transfer points	Division Needs	Durham	No	N/A		N/A
23	North Durham Crosstown	Duke Regional Hospital to Duke/VA Medical Center		Provide improvements along North Durham Crosstown route, stops, and transfer points.	Division Needs	Durham	No	N/A		N/A
24	Route 2 headway reduction	Durham Station in Downtown Durham to Brier Creek in Wake County.		Provide stop improvements along route 2 and reduce headway.	Regional Impact	Durham, Wake	No	N/A		N/A
25	200 / Holloway TEC	Raleigh	Durham	Add new Regional route connecting Raleigh to Durham and provide infrastructure improvements for Holloway Transit Emphasis Corridor (TEC).	Regional Impact	Durham, Wake	No	N/A		N/A
Possible Removals										
26	Carrboro-RTP BRT	Begins in Carrboro, serving downtown Carrboro, downtown Chapel Hill, UNC campus, UNC hospital, Southpoint, and RTP.		Provide high-quality BRT service from Carrboro to RTP, serving destinations in Chapel Hill and Durham along the way.	Regional Impact	Orange, Durham	Yes	T192852		No
27	Southpoint Transit Center	Renaissance Parkway between NC 751 and Fayetteville Road in southern Durham.		Improve existing facility with shelters, bus pullouts, and designated park-and-ride lot.	Division Needs	Durham	Yes	T192848		No
28	Chapel Hill-RTP BRT	BRT service from the Chapel Hill Transit Center at UNC Hospital to the new Regional Transit Center in RTP		BRT service from Chapel Hill to RTP serving south Durham and Southpoint.	Division Needs	Orange, Durham	Yes	T192636		No
29	GoTriangle Route 405 Headway Reduction	UNC Hospital in Chapel Hill to Durham Station in Downtown Durham. Express service serving UNC campus, downtown Chapel Hill, and Duke University.		Purchase four buses to reduce headways during all service hours.	Regional Impact	Orange, Durham	Yes	T192957		No
30	GoTriangle Route CRX Headway Reduction	Direct service from Chapel Hill to Raleigh. Serves Eubanks park-and-ride, downtown Chapel Hill, UNC campus, NC State University, and downtown Raleigh.		Purchase two additional vehicles in order to reduce headways to 20-30 minutes for totality of service time.	Regional Impact	Orange, Durham, Wake	Yes	T192959		No
31	Durham-Raleigh CRT	Along the NCRR corridor from West Durham near Duke University to Raleigh Union Station.		Provide high quality commuter rail service utilizing seven locomotives and 28 coaches from West Durham near Duke University to Raleigh. Serves Duke University, Downtown Durham, North Carolina Central University, RTP, Morrisville, Cary, NC State, and Downtown Raleigh. Project operates on an 8-2-8-2 schedule.	Regional Impact	Durham, Wake	Yes	T192632		No
32	Durham-Clayton CRT	CRT service from West Durham near Duke University to Clayton.		Provide high quality commuter rail service utilizing seven locomotives and 36 coaches from West Durham near Duke University to Clayton. Serves Duke University, Downtown Durham, North Carolina Central University, RTP, Morrisville, Cary, NC State, Downtown Raleigh, Garner, and Clayton. Project operates on a 5-1-5-1 schedule. Nine locomotives and 36 coaches will be purchased.	Regional Impact	Durham, Wake, Johnston	Yes	T192849		No
Submissions by Others										
33	GoTriangle Route 100X RTP / NC 54 BRT	Durham Station to Moore Square Station		Construct a high quality transfer facility, passenger station, and park-and-ride lots that include shelters, information kiosks, and other facilities. Upgrade route 100x through this facility with new vehicles.	Division Needs	Division 5	Yes	T192847		Yes

34	Durham to Triangle Town Center BRT	BRT service along NC 147, NC 54, Western Blvd, and Capital Blvd serving Durham, RTP, Morrisville, Cary, and Raleigh.		Construct infrastructure and service from Durham to Triangle Town Center. New BRT lanes from RTP to Cary and downtown Raleigh to Triangle Town Center. Project includes 25 vehicles.	Regional Impact	Capital Area MPO	Yes	T192910		No
35	Durham to Clayton BRT	BRT service along NC 147, NC 54, Western, Wilmington, US 70 BUS serving downtown Durham Morrisville, Cary, Raleigh, Garner, Clayton and RTP.		Construct infrastructure and service from downtown Durham to Clayton. New BRT lanes from RTP to Cary. Project includes 28 vehicles.	Regional Impact	Capital Area MPO	Yes	T192900		No
36	Durham to North Hills BRT	BRT service along NC 147, NC 54, Western, and Wake Forest Rd serving Durham, RTP, Morrisville, Cary, and Raleigh.		Construct infrastructure and service from downtown Durham to North Hills. New BRT lanes from RTP to Cary and downtown Raleigh to North Hills. Project includes 24 vehicles.	Regional Impact	Capital Area MPO	Yes	T192907		No
37	GoTriangle Bus Stop Improvements	Various bus stops in the GoTriangle system.		Construct approximately 125 bus stops with passenger amenities as part of bus stop improvement program.	Division Needs	Capital Area MPO	Yes	T191903		No
38	Chapel Hill to North Hills BRT	BRT service along NC 54, Western Blvd, and Wake Forest Rd serving Chapel Hill, RTP, Morrisville, Cary, and Raleigh.		Construct infrastructure and service from Chapel Hill to North Hills. New BRT lanes from Chapel Hill to Cary and downtown Raleigh to North Hills. Project includes 31 vehicles.	Regional Impact	Capital Area MPO	Yes	T192908		No
39	Chapel Hill to Triangle Town Center BRT	BRT service along NC 54, Western Blvd, and Capital Blvd serving Chapel Hill, RTP, Morrisville, Cary, and Raleigh.		Construct infrastructure and service from Chapel Hill to Triangle Town Center. New BRT lanes from Chapel Hill to Cary and downtown Raleigh to Triangle Town Center. Project includes 33 vehicles.	Regional Impact	Capital Area MPO	Yes	T192912		No
40	RTP Hub to Triangle Town Center BRT	BRT service along NC 54, Western, and Capital Blvd serving RTP, Morrisville, Cary, and Raleigh.		Construct infrastructure and service from RTP to Triangle Town Center. New BRT lanes from RTP to Cary and downtown Raleigh to Triangle Town Center. Project includes 23 vehicles.	Regional Impact	Capital Area MPO	Yes	T192909		No
41	RTP Hub to North Hills BRT	BRT service along NC 54, Western Blvd, Wake Forest Rd serving RTP, Morrisville, Cary, and Raleigh.		Construct infrastructure and service from RTP HUB to North Hills. New BRT lanes from RTP to Cary and downtown Raleigh to North Hills. Project includes 21 vehicles.	Regional Impact	Capital Area MPO	Yes	T192906		No
42	RTP to Garner Station BRT	BRT service along NC 54, Western Blvd, and Wilmington St serving RTP, Morrisville, Cary, Raleigh, and Garner		Construct infrastructure and service from RTP to Garner Station. New BRT lanes from RTP to Cary. Project includes 19 vehicles.	Regional Impact	Capital Area MPO	Yes	T192914		No
43	RTP Hub to Raleigh BRT	BRT service along NC 54 and Western Blvd.		Construct infrastructure and service from RTP to downtown Raleigh. New BRT lanes from RTP to Cary. Project includes 17 vehicles.	Regional Impact	Capital Area MPO	Yes	T192915		No
44	DRX	Downtown Durham to downtown Raleigh		Purchase two 40-foot buses to support headway reduction on the DRX route, the chief transit connection between Raleigh and Durham.	Regional Impact	Capital Area MPO	Yes	T191778		No
45	GoTriangle Route CRX Higher Frequency	Express route between downtown Raleigh and downtown Chapel Hill		Addition of two 40-foot buses per shift, generating a 5 minute Headway Reduction on the chief transit connection between Raleigh and Chapel Hill	Regional Impact	Capital Area MPO	Yes	T191799		No
46	Hybrid Vans for Shared Ride Service	Specified zones within the Orange County Public Transportation service area		Purchase 5 plug-in hybrid, ADA-ramp equipped minivans and 2 level-two dual charge charging stations for new shared ride service	Division Needs	Triangle Area RPO	Yes	T193096		No
47	RTP to Cary BRT	New BRT service along NC 54 from RTP to downtown Cary serving RTP, Morrisville, and Cary.		Construct infrastructure and service from RTP HUB to downtown Cary. New BRT lanes from RTP to Cary. Project includes 8 vehicles.	Regional Impact	Capital Area MPO	Yes	T192903		No
48	GoTriangle Route 310 Extension	Cary Train Station, Wake Tech, West Cary		Addition of a 35-foot bus, allowing the route to be extended to Cary Train Station serving Wake Tech and West Cary without compromising on frequency.	Regional Impact	Capital Area MPO	Yes	T191789		No
49	Expansion vehicle for CT Express Route	CT Express Route runs between Pittsboro and Chapel Hill (with some runs also serving Siler City). In long-term, vehicle may also be used for future possible connecting service to Sanford, or future fixed route services related to Chatham Park.		Purchase one large transit vehicle for use on Chatham Transit's fixed route services	Division Needs	Triangle Area RPO	Yes	T193079		No
50	OCPT Microtransit	Orange County		Purchase vehicles to support on-demand service	Division Needs	NCDOT	No	N/A		N/A
51	Durham Microtransit	Durham County		Purchase vehicles to support on-demand service	Division Needs	NCDOT	No	N/A		N/A
52	Leigh Village Park and Ride	Leigh Village		Construct Leigh Village Park and Ride that serves as a terminus for UNC-bound commuters coming from Southeast Durham, Morrisville, Cary, and Raleigh.	Regional Impact	NCDOT	No	N/A		N/A
53	3B Headway reduction	Durham Station in downtown Durham to Holloway Street		Reduce headway and provide improvements to NC 98 infrastructure	Division Needs	NCDOT	No	N/A		N/A

Note: DCHC is allowed (24) submittals per mode for SPOT 7.0. Carryover projects are not included in this submission. Red font indicates changes to projects.

Updated 4/20/2023

Useful Acronyms

BRT - Bus Rapid Transit
 CRT - Commuter Rail Transit
 TE2 - Transit Emphasis Zone
 TEC -Transit Emphasis Corridor
 TSP - Transit Signal Prioritization