

SPOT 7

Transit Submittal List

SPOT 7.0 DCHC MPO Transit Submittal List

August 23, 2023

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#	Route/Facility Name	From/Cross Street	Description	Project Category	County Location	SPOT ID	Preliminary Score (R, D)
Project Submissions (DCHC MPO is allotted 24)*							
A1	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	T192949	61.71, 45
A2	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	T192845	55.07, 39.86
A3	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	T171711	54.43, 40.86
A4	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	T192955	54, 39.86
A5	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	T192850	50.5, 36
A6	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	T171692	44.43, 31
A7	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	T171722	33.86, 27.71
A8	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	T193154	N/A, 46.5
A9	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	T193158	N/A, 44.79

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#	Route/Facility Name	From/Cross Street	Description	Project Category	County Location	SPOT ID	Preliminary Score (R, D)
A10	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	T150449	N/A, 44.14
A11	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	T192633	N/A, 41.14
A12	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	T192943	N/A, 35.86
A13	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. (updated costs)	Division Needs	Orange	T192656	N/A, 35.86
A14	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	T192853	N/A, 30.72
A15	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	N/A	Pending
A16	GoTriangle ODX Headway Reduction & Hillsborough RTC	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. Includes Construction of Hillsborough Regional Transfer Center	Regional Impact	Durham, Orange	N/A	Pending
A17	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	N/A	Pending
A18	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	N/A	Pending
A19	200 / Holloway TEC	Raleigh	Add new Regional route connecting Raleigh to Durham and provide infrastructure improvements for Holloway Transit Emphasis Corridor (TEC).	Regional Impact	Durham, Wake	N/A	Pending
A20	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	N/A	Pending
A21	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	N/A	Pending
A22	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	N/A	Pending
A23	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	N/A	Pending
A24	North-South Bus Rapid Transit	Eubanks Park and Ride to 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	T192652	Pending

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#	Route/Facility Name	From/Cross Street	Description	Project Category	County Location (or Previous Submitter)	SPOT ID	Preliminary Score	P7.0 Submitter
Projects Potentially Submitted by Others**								
B1	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	T192910	55.79, 39.29	Capital Area MPO
B2	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	T192900	54.79, 37.86	Capital Area MPO
B3	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	T192907	51.71, 36.14	Capital Area MPO
B4	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	T192908	50.79, 34.71	Capital Area MPO
B5	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	T192912	50.21, 34.43	Capital Area MPO
B6	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	T192909	45.78, 31.71	Capital Area MPO
B7	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 BRT 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	T192906	45, 31	Capital Area MPO
B8	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	T192914	41.14, 28.14	Capital Area MPO
B9	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	T192915	37.36, 25.57	Capital Area MPO
B10	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	T191778	23.86, 18.57	Capital Area MPO
B11	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 TRP HUB to downtown Cary. New BRT lanes from RTP to Cary. Project includes 8 vehicles.	Regional Impact	Capital Area MPO	T192903	21.93, 14.14	Capital Area MPO

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#	Route/Facility Name	From/Cross Street	Description	Project Category	County Location (or Previous Submitter)	SPOT ID	Preliminary Score	P7.0 Submitter
B12	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	T191799	20.29, 15.86	Capital Area MPO
B13	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	T191789	13.21, 8.86	Capital Area MPO
B14	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	T192847	N/A, 41.14	Division 5
B15	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	T191903	N/A, 36.07	Capital Area MPO
B16	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	T193096	N/A, 14.25	Triangle Area RPO
B17	Expansion vehicle for CT Express Route	CT Express Route runs between Pittsboro and Chapel Hill (with some runs also serving Siler City)	Purchase one large transit vehicle for use on Chatham Transit's fixed route services. In long-term, vehicle may also be used for future possible connecting service to Sanford, or future fixed route services related to Chatham Park.	Division Needs	Triangle Area RPO	T193079	N/A, 4.86	Triangle Area RPO
B18	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	Request for Division 5	N/A	Pending	Pending
B19	OCPT Microtransit	Orange County	Purchase vehicles to support on-demand service.	Division Needs	Request for Division 7	N/A	Pending	Pending
B20	Durham Microtransit	Durham County	Purchase vehicles to support on-demand service.	Division Needs	Request for Division 5	N/A	Pending	Pending
B21	3B Headway reduction	Durham Station in downtown Durham to Holloway Street	Reduce headway and provide improvements to NC 98 infrastructure.	Division Needs	Request for Division 5	N/A	Pending	Pending
B22	North-South Bus Rapid Transit	Hillsborough to Pittsboro	Add additional connection for NSBRT from Hillsborough to Pittsboro	Regional Impact	Request for Division 8	N/A	Pending	Pending
B23	Orange County Public Transportation Circulator II Vehicles	Orange County	Provide one (1) bus to serve a new route for Orange Public Transportation providing service to major trip generators in Hillsborough	Division Needs	Request for Division 7	N/A	Pending	Pending

Note: DCHC is allowed (24) submittals per mode for SPOT 7.0. Carryover projects already in the STIP are not included in this submission.

*Projects in this category are listed in no particular order and projects need to be narrowed down to only 24. Projects listed with preliminary scores in this sheet were scored in a previous prioritization cycle and scores are subject to change due to updated scoring criteria as well as if the project itself is modified.

**Projects in this category are expected to be submitted by other MPOs, RPOs, or Divisions. All partners work together to avoid duplication of project submittals, as well as to submit as many high-scoring projects as possible.

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Updated 8/17/2023 5:00PM

Useful Acronyms:

BRT - Bus Rapid Transit

CRT - Commuter Rail Transit

TEZ - Transit Emphasis Zone

TEC -Transit Emphasis Corridor

TSP - Transit Signal Prioritization