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**DCHC**

METROPOLITAN PLANNING ORGANIZATION

PLANNING TOMORROW'S TRANSPORTATION

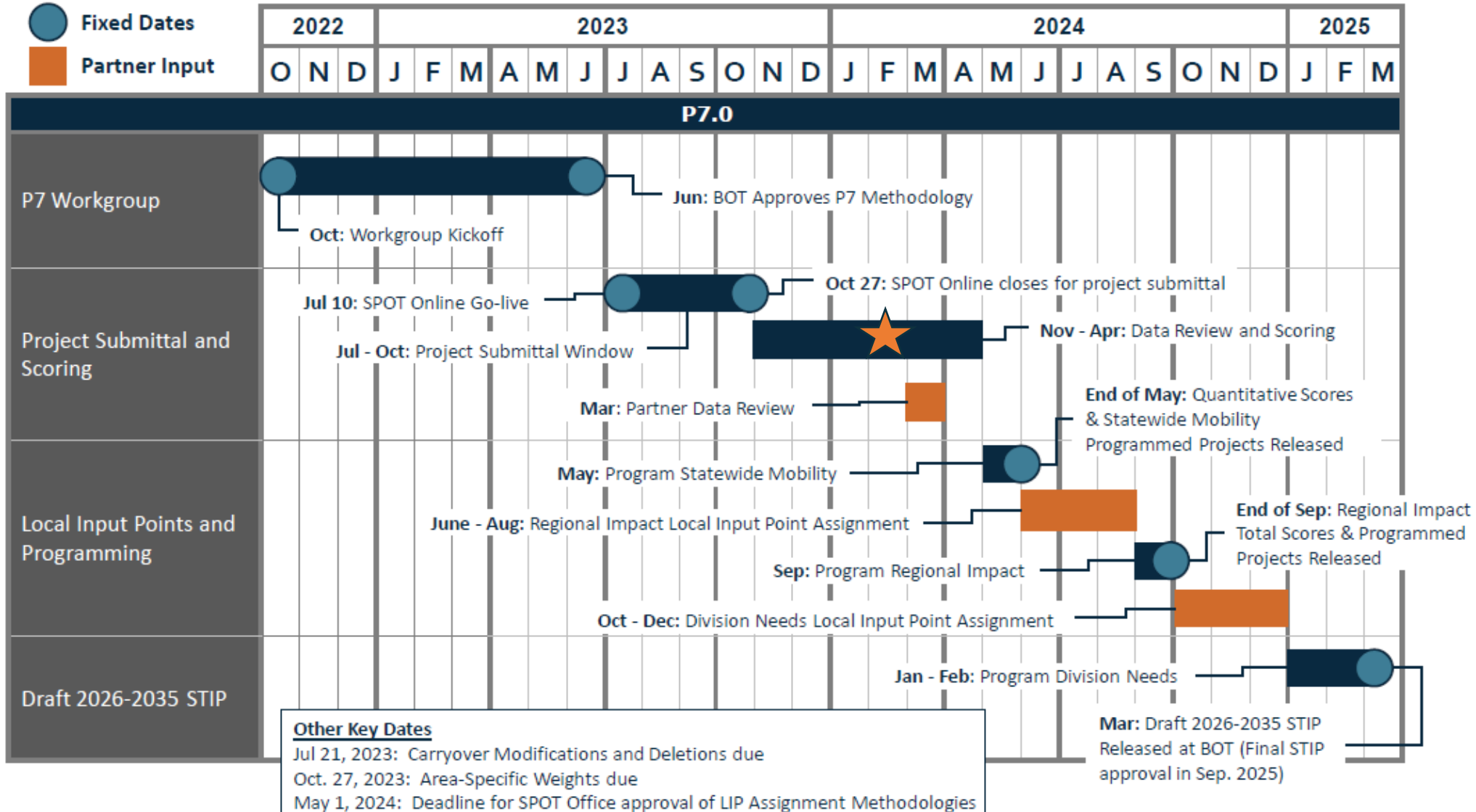
# SPOT 7.0 Update

Board Meeting – February 27, 2024

# P7 Schedule

Schedule Revision – September 8, 2023

Dates set per P7 Workgroup in October 2022



# Highway List

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- SPOT office has been reaching out to MPO for input as they are preparing concepts for travel time savings analysis
  - DCHC MPO Projects
  - NCDOT submitted projects
- Limited time to respond (2 weeks)
- Analysis currently taking place

# Updates to Highway List

Spot ID	Project Submitter	Project description	SIT Code	Level of Design	Alternative	Jurisdiction	Notes/Comments Received
H230498	Division 7	I-85 at US 70	8 (improve interchange)	EDTE	Construct diamond interchange	Orange County, Durham County	Only option to click was "FYI message received"
<b>H230770</b>	<b>DCHC MPO</b>	<b>US 501, US 15 at Mt Carmel Church Road/Culbreth Rd</b>	<b>10 (improve intersection)</b>	<b>EDTE</b>	<b>Bowtie configuration with 3 left turns redirected to roundabouts</b>	<b>Orange County</b>	<b>Removed from the list at request of Chapel Hill</b>
H231716	DCHC MPO	US 501 (Chapel Hill Road), US 15 (Chapel Hill Road) at Village Way	10 (improve intersection)	No Design	Location is part of U-6192 (Committed Project). No-Build will include U-6192 design. Improvements to the U-6192 will be included based on review of volumes.	Chatham County	Approved alternative
H230684	DCHC MPO	NC 751 (Academy Road), NC 751 (Cameron Boulevard) at Duke University Road	10 (improve intersection)	No Design	Convert to roundabout	Durham County	Approved alternative
H231717	DCHC MPO	NC 55 (Apex Highway) at Cornwallis Road	10 (improve intersection)	No Design	Convert to signalized RCI intersection	Durham County	Only option to click was "FYI message received"
<b>H230683</b>	<b>DCHC MPO</b>	<b>I-85 at NC 86</b>	<b>8 (improve interchange)</b>	<b>No Design</b>	<b>Duplicate - Remove from P7</b>	<b>Orange County</b>	<b>Approved removal.</b>
H090366-A	Division 5	US 15/501 - I-40 to Garrett Rd	8 (improve interchange)	Express Design	Final conceptual design attached	Orange County, Durham County	
H190035	Division 7	US 70 at SR 1004 (Efland-Cedar Grove Road)	10 (improve intersection)	Express Design	Add left turn lanes on all four approaches of the intersection	Orange County	
H190418	DCHC MPO	US 70 BUS (Hillsborough Road) at SR 1314 (Neal Road)/US 70 Business	10 (improve intersection)	Express Design	Convert to roundabout	Durham County	
H192437	DCHC MPO	SR 1006 (Orange Grove Road) - SR 1148 (Eno Mountain Road) to SR 1192 (Mayo Street)	10 (improve intersection)	No Design	Two three-leg single lane roundabouts	Orange County	
H192687	DCHC MPO	NC 98 (Wake Forest Highway) at SR 1811 (Sherron Road / Patterson Road)	10 (improve intersection)	Express Design	Construct a quadrant road with two roundabouts	Durham County	Include one more crosswalk across NC 98 at the intersection of the new proposed roadway.
H193151	Division 5	US 501 (Duke Street) - I-85 to SR 1407 (West Carver Street)	4 - Upgrade Arterial to Signalized RCI Corridor	TTS Only	Construct a RCI corridor on US 501 with RCIs at Leon St, Murray Ave, Stadium Dr, and Carver St	Durham County	
H230731	DCHC MPO	US 15/501 - Mt. Moriah Rd to East Lakeview Rd	8 (improve interchange)	No Design	Construct an extension of Danziger Drive to East Lakeview Drive and an extension of New Hope Commons Drive to Eastowne Drive with multimodal accommodations along both roadways. Upgrade intersections at Mt Moriah Rd & New Hope Commons Drive, Mt. Moriah Rd & Danizer Dr, Danziger Dr & E Lakeview Dr. Includes Committed Project U-5304F.	Orange County, Durham County	A preference for the Danziger Drive connector road to not intersect with the interchange ramps.



# Bicycle/Pedestrian List

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- Rail Division provided a review of the DCHC MPO Rail Project List
- Additional Information requested to confirm cost estimate for East Durham Rail Yard relocation
- Advised 3 projects be removed from the Rail list and submitted as Bike/Ped Projects. These projects have been highlighted in the listing of Rail submittals.
- We had submitted maximum number of Bike/Ped projects, however Div 5 and Div 7 have submitted these two additional projects on our behalf:
  - Bundled Pedestrian/Bicycle Improvements at Rail Crossings in Durham (6 locations: Fayetteville, Blackwell/Corcoran, Duke, Swift, Buchanan, US 15 Bus/Mangum)
  - Exchange Park Lane Crossing

# Transit List

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# No Updates to Transit List at this time

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- ITRE is preparing analysis of submitted projects and has requested additional information on some projects.
- MPO Staff will be reaching out to submitters for this additional information and data

# Questions?

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# Highway List

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# Top 24 Highway Projects (1-12)

#	Route/Facility Name	Description	Jurisdiction
1	Townwide Signal System Upgrade - Chapel Hill/Carrboro	Plan and implement an improved signal system for the Town of Chapel Hill and the Town of Carrboro including transit signal priority.	Chapel Hill
2	Townwide Signal System Upgrade - Hillsborough	Plan and implement an improved signal system for the Town of Hillsborough including consideration for transit signal priority.	Orange County/Town of Hillsborough
3	NC 98 (Holloway Street)	Install a median to manage access and improve safety, as well as pedestrian, bicycle, and transit accommodations.	City of Durham
4	Cornwallis Rd / NC 55 Intersection Improvements	Improve intersection to enhance safety and provide multimodal accommodations	City of Durham
5	SR 1006 (Orange Grove Road)	Create two roundabouts along Orange Grove Road, one at Eno Mountain Road and one at Mayo Street.	Hillsborough, Orange County
6	Orange Grove Road (SR-1102) Widening with Bicycle and Pedestrian Improvements	Construct one additional lane between Patriot's Pointe Drive and New Grady Brown School Road (SR 1221) to include both pedestrian and bicycle improvements along the roadway. The 1-40 bridge would be widened to accommodate both pedestrian and bicycle amenities and one additional travel lane.	Orange County
7	US 501 (Roxboro Road)	Construct median as an access management facility, with bicycle and pedestrian facilities and transit stop improvements.	City of Durham
8	US 70 Business (Hillsborough Road)	Install a one-lane roundabout.	City of Durham
9	US 15/501 Upgrade (modernization)	Upgrade US 15/501 in Durham to a boulevard from I-40 to US 15/501 Business. Intersection improvement at Mount Moriah. Extend Danziger Drive over I-40. Add priority transit infrastructure.	City of Durham
10	NC 98	Per the NC 98 Corridor Study, construct a quadrant road at this intersection to reduce congestion and create travel time savings.	City of Durham
11	NC 98	Construct a median for access management, as well as sidewalks and/or a shared use path and transit accommodations	Durham County
12	US 501 (Roxboro Road)	Construct median along section with potential turn lanes at Lavender Avenue, Bon Air Avenue, and Murray Avenue. Fill in sidewalk gaps, provide streetscape amenities, and install bus stop improvements.	City of Durham

# Top 24 Highway Projects (13-24)

#	Route/Facility Name	Description
13	New Route - Northern Durham Parkway	Construct roadway on new location and widen Northern Durham Parkway from US 70 to Sherron Road to provide four lanes with a median with bicycle, pedestrian, and transit facilities as appropriate.
14	NC 751 (Hope Valley Road)	Widen to four lanes with a median with bicycle pedestrian and transit facilities as appropriate.
15	NC 751	Widen NC 751 to four lanes divided and improve the intersection with Fayetteville Road. Include a sidepath for bike/ped use.
16	Village Way/15-501 Intersection Improvements	Safety improvements at the intersection of 15-501 and Village Way
17	NC 86 Improvements North of Hillsborough	Widen NC 86 from US 70 Bypass to north of NC 57 to four (4) lanes with intersection improvements at US 70 Bypass and NC 57.
18	I-85/NC 86 Interchange Improvements	Reconstruct interchange at 1-85 and NC 86.
19	Mangum St / Roxboro St Two Way Conversion	Convert Mangum St & Roxboro St from one way to two way streets with multimodal accommodations on one or both streets
20	US 70	Widen US-70 and improve intersections from Buckhorn Road (SR-1114) to Durham County with NCDOT standard street cross-section 4G (110' row, 17.5' median, 11' travel lanes, 5' bike lane, c&g, and sidewalk), add turn lanes and safety improvements at key intersections
21	Duke University Rd / Academy Rd / Cameron Blvd Intersection Improvements	Improve intersection to enhance safety and provide multimodal accommodations
22	Mt. Carmel Church Road/15-501 Intersection Improvements	Construct safety improvements at the intersection of Mt. Carmel Church Road, Culbreth Road, and 15-501.
23	NC 10 Improvements	Modernize NC 10 from NC 86 to US 70 Business with NCDOT standard street cross-section 2B (60' row, 11' travel lanes, with 5' paved shoulder), add turn lanes and safety improvements key intersections.
24	Orange Grove Road Extension/ NC 86 Connector	Extend Orange grove road from Old NC 86 (S. Churton Street) to NC 86 with multimodal accommodations and taking into consideration the new Hillsborough Train Station.



# Highway Projects Potentially Submitted by Others

#	Route/Facility Name	Description	Jurisdiction	P7.0 Submitter
1	NC 54	Widen NC-54 from Orange Grove Rd (SR 1006) to Butler Rd (SR 1951)/ Dodsons Cross Rd (SR 1102) and from Butler Rd (SR 1951) / Dodsons Cross Rd (SR 1102) to Old Fayetteville Road (SR-1107)/ Inside DCHC with additional lanes and multimodal facilities along the corridor and safety improvements at each intersection.	Orange County	TARPO
2	SR 1009 (Old NC 86)	Modernize roadway including wider lanes and paved shoulders. Improve multiple intersections in corridor by adding turn lanes.	Orange, Alamance	TARPO
3	Orange Grove Road	Modernize Orange Grove Road (SR-1106) from 1-85 to Dodson Crossroad (SR-1007) with NCDOT standard street cross-section 2B (60' row, 11' travel lanes, with 5' paved shoulder), add turn lanes and safety improvements at Ode Turner Road (SR-1130), Dimmocks Mill Road (SR-1134), Crossroad Church Cemetery Road (SR-1131), Davis Drive (SR-1129), Kimbro Road (SR-1128) and Dodson Crossroads (SR-1102).	Orange County	TARPO
4	Dodson Crossroad Improvements (SR-1102)	Modernize Dodson Crossroad (SR-1102) from Orange Grove Road (SR-1006) to NC-54 with NCDOT standard street cross-section 2B (60' row, 11' travel lanes, with 5' paved shoulder), add turn lanes and safety improvements at Orange Grove Road (SR-1106), Borland Road (SR-1126), Arthur Minnis Road (SR-1115), and Dairyland Road (SR-1177).	Orange County	TARPO
5	SR 1005 (Old Greensboro Road)	Modernize roadway	Orange, Alamance	TARPO
6	I-40	Add service roads to reduce weaving, per recommendations in the HNTB study.	Durham County	Division 5
7	US 15	Add travel lanes to 15/501. Include 3 NB through lanes (perhaps 2 lanes plus 1 choice lane) for NB vehicles traveling through the Business/Bypass interchange. If needed, include improvements at/between Erwin Road to the west of 15-501 and Erwin Road to the east of 15-501.	Durham County	Division 5
8	US 501 (Duke Street)	Convert to 4-lane SS. Minimize median width and ROW in residential areas. Sidepath may be desired in some areas where ROW is available.	Durham County	Division 5
9	NC-540	Implement Managed Freeways Improvements	Durham County, Wake County	CAMPO

# Bicycle/Pedestrian List

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# Top 24 Bicycle/Pedestrian Projects (1-12)

#	Route/Facility Name	Description	Jurisdiction	Division
1	East Franklin Street Sidepath	Construct sidepath along north side of Franklin Street to connect Bolin and Booker Creek Greenways.	Town of Chapel Hill	7
2	US 15-501 (University Dr)	Construct shared use sidepaths on both sides of US 15-501 Business (University Dr) from Cornwallis Rd to Blackwell St.	City of Durham	5
3	ATT / Durham Rail Trail Connector	Construct shared use path / multi-use path and/or separated bike lane path to connect American Tobacco Trail to Downtown Durham and future Durham Rail Trail.	City of Durham	5
4	SR 1183 (University Drive)	Construct shared use sidepath along one side of the roadway.	City of Durham	5
5	US 15/501 (Durham-Chapel Hill Boulevard)	Construct sidewalks, improve bicycle lanes, and install intersection improvements.	City of Durham	5
6	Estes Drive	Constrect a sidewalk on the south side of the street and a multiuse path on the north side of the street.	Town of Chapel Hill	7
7	US 501 (Roxboro Road)	Construct shared use paths on both sides of the road.	City of Durham	5
8	SR 1843 (Seawell School Road)	Construct a sidepath along the entire corridor from Estes Drive to Homestead Road.	Town of Carrboro	7
9	Cook Rd	Construct a shared use sidepath.	City of Durham	5
10	Warren Creek Trail Extension	Construct a shared use sidepath on one side of Stadium Dr from Horton Rd to Stadium Dr northern dead end.	City of Durham	5
11	Campus to Campus Greenway	Construct an off-road multi-use path providing a safe connection between downtown Chapel Hill, Carrboro, and the rest of the greenway network.	Town of Chapel Hill	7
12	Bolin Creek Greenway Extension	This roughly .5 mile project would connect the 2.5 mile Bolin Creek Greenway from Umstead Park	Town of Chapel Hill	7

# Top 24 Bicycle/Pedestrian Projects (13-24)

#	Route/Facility Name	Description	Jurisdiction	Division
13	SR 1008 (Mt. Carmel Church Road)	Construct a multi-use path on one side of Mt. Carmel Church Road.	Town of Chapel Hill	7
14	Ephesus Church Road Sidewalk	Construct sidewalks and bike lanes along both sides of Ephesus Church Road.	Town of Chapel Hill	7
15	Old NC 86 - Hillsborough Road	Construct bicycle lanes on both sides of roadway and a sidewalk along the north/east side of roadway to extend existing bike lanes and sidewalk at Farm House Road to Homestead/Dairyland Rd intersection at Calvander.	Town of Carrboro	7
16	15-501 South Sidepath	Construct a multi-use path on one side of 15-501 South.	Town of Chapel Hill	7
17	Raleigh Road Sidepath	Construct a multi-use path on one side of Raleigh Road.	Town of Chapel Hill	7
18	NSBRT Multi-Use Path	The Martin Luther King Jr. Blvd./ S. Columbia St. multiuse path (MUP) creates 10.5 miles of offroad bicycle and pedestrian facilities along Chapel Hill's primary north-south travel corridor.	Town of Chapel Hill	7
19	Carrboro Morgan Creek Greenway, Phase 2	Construct approximately 2800 LF of paved multi-use path, with one crossing.	Town of Carrboro	7
20	I-85 Pedestrian Bridge	Construct a pedestrian bridge across I-85 to connect downtown Hillsbrough, the future train station..	Town of Hillsborough	7
21	Weaver Dairy Road Sidewalk	Construct a sidewalk on one side of Weaver Dairy Road.	Town of Chapel Hill	7
22	Erwin Rd	Construct shared use sidepaths on both sides of Erwin Rd from Cameron Blvd to Flowes Dr.	City of Durham	5
23	Orange High School Road/Harold Latta Road Sidewalk Improvements	Construct a sidewalks and install high visibility crosswalks and in-road signage at school entrances and exits on Orange Grove Road, and construct a sidewalk along entrance roads to CW Stanford Middle School.	Orange County	7
24	Downtown Rail Trail To R. Kelly Bryant Bridge Trail	Construct a multimodal trail facility to connect the Downtown Rail Trail to the R Kelly Bryant Bridge Trail.	City of Durham	5

# Additional Bicycle/Pedestrian Projects for Consideration

#	Route/Facility Name	Description	Jurisdiction	Division
25	15-501 Ped Crossing	Pedestrian Bridge over 15-501.	Town of Chapel Hill	7
26	ATT Forest Hills Park - Lyon Park Connector Trail	Construct a multimodal trail facility to connect the ATT & Forest Hills Park to Lyon Park.	City of Durham	5
27	NC 55 (Apex Highway)	Construct shared use sidepath on one side of roadway and make intersection improvements.	City of Durham	5
28	Bennett Road Sidewalk	Construct a sidewalk on one side of Bennett Road.	Town of Chapel Hill	7
29	Fordham Pedestrian Bridge	Pedestrian bridge between UNC Health Eastowne and Parkline Office Building.	Town of Chapel Hill	7
30	NC 55 (Apex Highway)	Construct sidepaths on both sides of the road.	City of Durham	5
31	Alston Avenue	Construct a sidepath.	City of Durham	5
32	NC 98 (Holloway Street)	Construct sidepaths on both sides of the road and include intersection improvements.	City of Durham	5
33	SR 1669 (Club Boulevard)	Construct a sidepath on one side and sidewalks on the other side for the entire length of the route.	City of Durham	5
34	I 40/ Triangle Bikeway	Construct a shared use sidepath along both sides of the roadway and pedestrian intersection improvements and sidewalk connections to bus stops on both sides of the road.	City of Durham	5
35	NC 751 (Academy Road)	Construct a sidepath for the entire length of the route.	City of Durham	5
36	SR 1959 (Miami Boulevard)	Construct a sidepath along east side of Miami Boulevard and a sidewalk along the west side of Miami Boulevard. A portion of this sidepath will be constructed in P-5717.	City of Durham	5



# Additional Bicycle/Pedestrian Projects for Consideration

#	Route/Facility Name	Description	Jurisdiction	Division
37	Swift Ave	Construct a shared use sidepath on the east side of Swift Ave from W Pettigrew St to Hull Ave and construct a small section of sidewalk on the west side of Swift Ave.	City of Durham	5
38	Downtown Chapel Hill Streetscape	This project will enhance the streetscape of downtown Chapel Hill, in alignment with the Downtown Streetscape Plan.	Town of Chapel Hill	7
39	I 40 / Triangle Bikeway (NC 54 to NC 55)	Construct a segment of the Triangle Bikeway in Durham County, which entails a shared use sidepath approximately 5 miles in length along the south side of I-40 from the bridge at NC 54 to NC 55. Includes new bicycle facilities, pedestrian intersection improvements, and transit connections. Submitted by DCHC MPO.	DCHC MPO	5

# Transit List

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# Top 24 Transit Projects (1-6)

#	Route/Facility Name	From/Cross Street	Description	County Location
1	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.	Durham, Orange
2	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.	Durham, Orange
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.	Durham, Wake
4	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.	Durham, Orange
5	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.	Durham, Wake
6	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.	Durham, Wake

# Top 24 Transit Projects (7-12)

#	Route/Facility Name	From/Cross Street	Description	County Location
7	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.	Durham, Wake
8	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.	Durham
9	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.	Durham
10	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.	Durham
11	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	Durham
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.	Durham

# Top 24 Transit Projects (13-19)

#	Route/Facility Name	From/Cross Street	Description	County Location
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. (updated costs)	Orange
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.	Durham
15	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.	Durham, Wake
16	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	Durham, Orange
17	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	Durham, Wake, Johnston
18	Route 2 headway reduction	Durham Station in Downtown Durham to Brier Creek in Wake County.	Provide stop improvements along route 2 and reduce headway.	Durham, Wake
19	200 / Holloway TEC	Raleigh	Add new Regional route connecting Raleigh to Durham and provide infrastructure improvements for Holloway Transit Emphasis Corridor (TEC).	Durham, Wake



# Top 24 Transit Projects (20-24)

#	Route/Facility Name	From/Cross Street	Description	County Location
20	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).	Durham
21	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).	Durham
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	Durham
23	North Durham Crosstown	Duke Regional Hospital to Duke/VA Medical Center	Provide improvements along North Durham Crosstown route, stops, and transfer points.	Durham
24	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, Fearington Village, and Pittsboro.	Orange

# Transit Projects Potentially Submitted by Others

#	Route/Facility Name	From/Cross Street	Description	Project Category	P7.0 Submitter
1	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
2	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
3	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
4	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
5	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
6	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
7	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
8	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

# Transit Projects Potentially Submitted by Others (cont.)

#	Route/Facility Name	From/Cross Street	Description	Project Category	P7.0 Submitter
9	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
10	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
11	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
12	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
13	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
14	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
15	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
16	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
17	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

# Transit Projects Potentially Submitted by Others (cont.)

#	Route/Facility Name	From/Cross Street	Description	Project Category	P7.0 Submitter
18	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
19	OCPT Microtransit	Orange County	Purchase vehicles to support on-demand service.	Division Needs	Request for Division 7
20	Durham Microtransit	Durham County	Purchase vehicles to support on-demand service.	Division Needs	Request for Division 5
21	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
22	North-South Bus Rapid Transit	Hillsborough to Pittsboro	Add additional connection for NSBRT from Hillsborough to Pittsboro	Regional Impact	Request for Division 8
23	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

# Rail List

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# Top 24 Rail Projects (1-12)

#	Route/Facility Name	From/Cross Street	Description	County Location
1	NCRR/NC Line	NS/NCRR H Line crossings at Blackwell Street, Mangum Street, and Fayetteville Street in Durham	Construction of at-grade crossing improvements at Blackwell Street and cluster traffic signal cabinets at Blackwell/Corcoran Street (Crossing # 735 229N), US 15 (Mangum Street) (Crossing # 735 231P), and SR 1118 (Fayetteville Street) (Crossing # 910 605Y) in Durham	Durham
2	NCRR/NC Line	SR 1954 (W. Ellis Road)	Construction of grade separation at SR 1954 (W. Ellis Road) and closure of existing at-grade crossing (Crossing # 735 236Y) in Durham.	Durham
3	NCRR/NC Line	Exchange Park Lane (Crossing #735 158U)	Construction of new railroad bridge or other railroad approved method over Exchange Park Lane (Crossing #735 158U) to accommodate pedestrian traffic within the structure.	Orange
4	NCRR/NC Line	SR 1317 (Neal Road)	Construction of grade separation at SR 1317 (Neal Road) and closure of existing at-grade crossing (Crossing # 735 202E) in Durham.	Durham
5	NCRR/NC Line	East Durham Yard (MP 58.5) to Nelson (MP 63.5) in Durham	Construction of second main track from East Durham Yard (MP 58.5) to Nelson (MP 63.5) in Durham.	Durham
6	NCRR/NC Line	US 15/501 Business (Roxboro St) in downtown Durham	Improve the crossing (Crossing# 735 233D) at US 15/501 Business (Roxboro Street) in downtown Durham. Make the bridge higher to reduce truck conflict, make the span wider to facilitate a future two-way of Roxboro Street, and make the bridge wider to be able to accommodate four tracks. Potentially create an intersection at Ramseur and Roxboro.	Durham
7	NCRR/NC Line	Control Point Funston (MP 49.8) to East Durham Yard (MP 56) in Durham	Construction of second main track from Control Point Funston (MP 49.8) to East Durham Yard (MP 56) in Durham.	Durham, Orange
8	NCRR/NC Line	I-40 Rail Bridge in Durham County	Construct triple track bridge over I-40 in Durham County.	Durham
9	NCRR/NC Line	MP H 38 to MP H 40.4 near Efland	Construction of curve radius improvements from MP H 38 to MPH 40.4 near Efland.	Orange
10	NCRR/NC Line	MP H 44.5 to MP H 48 east of Hillsborough	Construction of curve radius improvements from MP H 44.5 to MPH 48 east of Hillsborough.	Orange
11	NCRR/NC Line	NCRR H Line from MP 41.7 to MP 42.2.	Construction of curve radius improvements near Collins Ridge in Hillsborough from approximately MP 41.7 to MP 42.2. According to local officials, property for realignment of track was previously obtained.	Orange
12	NCRR/NC Line	S. Plum Street Rail Crossing Improvements	Improve the crossing (Crossing# 630472K) at S Plum Street including a grade separation, crossing closure, rail-crossing consolidation, and additional safety initiatives.	Durham

# Top 24 Rail Projects (13-21)

#	Route/Facility Name	From/Cross Street	Description	County Location
13	NCRR/NC Line	S. Driver Street Rail Crossing Improvements	Improve the crossing (Crossing# 630471D) at S Driver Street including a grade separation, crossing closure, rail-crossing consolidation, and additional safety initiatives.	Durham
14	NCRR/NC Line	Ellis Road North Rail Crossing Improvements	Improve the crossing (Crossing# 735236Y) at Ellis Road including a grade separation, crossing closure, rail-crossing consolidation, and additional safety initiatives.	Durham
15	NCRR/NC Line	King to West Durham Track Improvements	Construct new railroad track from Old State Route 10 (State Route 1715) in "King" to the proposed West Durham Station just east of Hillandale Road to establish double track along this corridor segment.	Durham
16	NCRR/NC Line	Central Durham Track Improvements	Construct new railroad track from the proposed West Durham Station(just east of Hillandale Road) to the proposed East Durham Station (just east of Alston Avenue/NC55) to establish double track along this corridor segment.	Durham
17	NCRR/NC Line	East Durham to Sullivan Track Improvements	Construct two new railroad tracks from East Durham Station (east of Alston Avenue/NC55) to "Sullivan" (east of Glover Road/State Route 1940) to establish triple track along this corridor segment.	Durham
18	NCRR/NC Line	Sullivan to Nelson Track	Construct new railroad track from "Sullivan" (east of Glover Road/State Route 1940) to "Nelson" (west of NC 54 and proposed RTP station) to establish double track along this corridor segment.	Durham
19	NCRR/NC Line	Research Triangle Park (RTP) Station	Construction of a new rail station for Piedmont service in RTP. To be located on RTF-owned land near the intersection of NC-54 and S Miami Blvd (south of NC-54 and on the west side of the NCRR line).	Durham
20	NCRR/NC Line	Hillsborough Regional Transfer Station	Construction of a multimodal transportation center to include rail, transit, bike/ped, and park-n-ride accommodations. Project location: 36.066613, -79.097416	Orange
21	NCRR/NC Line	East Durham Rail Yard Relocation	Relocate the rail yard to benefit commuter rail and freight rail traffic. This project will minimize negative impacts of rail industry related to environmental justice, as well as improve overall rail capacity.	Durham

# Top 24 Rail Projects (22-24)

#	Route/Facility Name	From/Cross Street	Description	County Location
22	NS Main Line, NCRR NC Line, S Line	New passenger service from Charlotte to Washington, DC	Upgrade infrastructure to support new passenger service from Charlotte to Washington, DC via the NS Main Line, NCRR NC Line, and the S Line. (5 - PAX service)	CRTPO, Cabarrus-Rowan, High Point, Greensboro, Burlington-Graham, DCHC, CAMPO, Kerr-Tar
23	NCRR/NC Line, K Line	New passenger service from Winston-Salem to Raleigh	Upgrade rail infrastructure to support new passenger service from Winston-Salem to Raleigh on the NC Line and K Line. Project includes necessary infrastructure, stations, and passenger equipment to begin service with three roundtrips per day. (5 - PAX service)	CAMPO, DCHC, Burlington-Graham, Greensboro, Winston-Salem
24	NCRR/NC Line	Bundled Pedestrian/Bicycle Improvements at Rail Crossings in Durham	<p>Install wheelchair ramps, crosswalks, and relocate stop bars for pedestrian access at SR 1118 (Fayetteville Street) (Crossing # 910 605Y)</p> <p>Install decorative fence and restricted access fence, streetscape lights, wheelchair ramps, sidewalk, and cluster traffic signal cabinets at Blackwell/Corcoran Street (Crossing # 735 229N) in Durham.</p> <p>Install wheelchair ramps and crosswalks for pedestrian access at SR 1445 (Duke Street) (Crossing # 735 227A)</p> <p>Widen shoulders within railroad ROW and install wheelchair ramps and crosswalks on SR 1322 (Swift Avenue) (Crossing # 735 223X) in Durham.</p> <p>Install wheelchair ramps and crosswalk for pedestrian access at Buchanan Boulevard (Crossing # 735 225L)</p> <p>Install decorative fence, streetscape lights, wheelchair ramps, and sidewalk at US 15 Bus (Mangum Street) (Crossing # 735 231P)</p>	Durham

# Rail Projects Potentially Submitted by Others

#	Route/Facility Name	From/Cross Street	Description	Project Category	County Location	P7 Submitter
1	NCRR/NC Line	Mt. Willing Rd	This project would realign Mt. Willing Road to line up with Efland Cedar Grove Road at US 70 and would remove the at-grade crossing (735 145T) of the Norfolk Southern Rail Line at mile post H-37.31 and would construct a bridge over this line. This line serves as a connect from Greensboro to Durham.	Statewide Mobility	Orange	Division 7
2	NCRR/CSX S, NCRR/NC, NCRR/NS Main	Piedmont Corridor: Raleigh to Charlotte	6th frequency addition to Charlotte to Raleigh service. Requires improvements to NC Line between Greensboro and Raleigh.	Regional Impact	Durham, Orange	BGMPO
3	NCRR/NC Line	NS/NCRR H Line crossing of Dimmocks Mill Road in Hillsborough.	Construction of grade separation at Dimmocks Mill Road (Crossing # 735 154S) and closure of Bellvue Street existing at-grade crossing (Crossing # 735 152D) and West Hill Avenue existing at-grade crossing (Crossing # 735 151W). Project includes a pedestrian tunnel at Hill Avenue.	Statewide Mobility	Orange	Requested for Division 7

## Bicycle/Pedestrian Projects Potentially Submitted by Others: Division 5 Requests

#	Route/Facility Name	Description	Jurisdiction	Division	Original P7.0 Submitter
1	US 15-501 (University Dr)	Construct shared use sidepaths on both sides of US 15-501 Business (University Dr) from Cornwallis Rd to Blackwell St.	City of Durham	5	City of Durham
2	ATT / Durham Rail Trail Connector	Construct shared use path / multi-use path and/or separated bike lane path to connect American Tobacco Trail to Downtown Durham and future Durham Rail Trail.	City of Durham	5	City of Durham
3	SR 1183 (University Drive)	Construct shared use sidepath along one side of the roadway.	City of Durham	5	City of Durham
4	US 15/501 (Durham-Chapel Hill Boulevard)	Construct sidewalks, improve bicycle lanes, and install intersection improvements.	City of Durham	5	City of Durham
5	US 501 (Roxboro Road)	Construct shared use paths on both sides of the road.	City of Durham	5	City of Durham
6	Cook Rd	Construct a shared use sidepath. Construct shared use path on one side of Cook Rd from Martin Luther King Jr Pkwy to Fayetteville St and connect a shared use path or trail from Fayetteville St to the American Tobacco Trail.	City of Durham	5	City of Durham
7	Warren Creek Trail Extension	Construct a shared use sidepath on one side of Stadium Dr from Horton Rd to Stadium Dr northern dead end.	City of Durham	5	City of Durham



## Bicycle/Pedestrian Projects Potentially Submitted by Others: Division 7 Requests

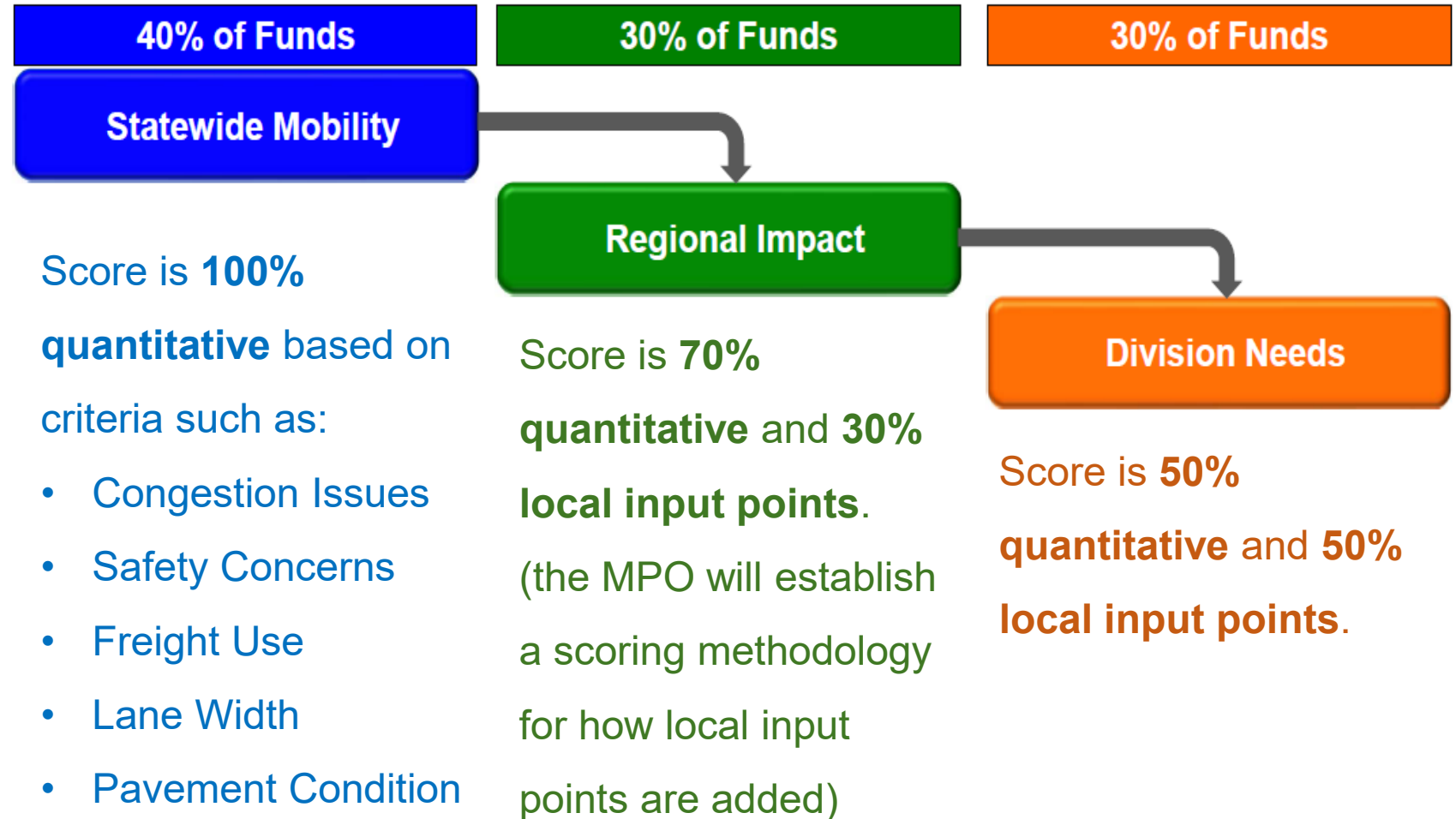
#	Route/Facility Name	Description	Jurisdiction	Division	Original P7.0 Submitter
1	East Franklin Street Sidepath	Construct sidepath along north side of Franklin Street to connect Bolin and Booker Creek Greenways.	Town of Chapel Hill	7	Town of Chapel Hill / Division 7
2	Estes Drive	Construct a sidewalk on the south side of the street and a multiuse path on the north side of the street.	Town of Chapel Hill	7	Town of Chapel Hill / Division 7
3	SR 1843 (Seawell School Road)	Construct a sidepath along the entire corridor from Estes Drive to Homestead Road.	Town of Carrboro	7	Town of Carrboro
4	Campus to Campus Greenway	Construct an off-road multi-use path providing a safe connection between downtown Chapel Hill, Carrboro, and the rest of the greenway network.	Town of Chapel Hill	7	Town of Chapel Hill
5	Bolin Creek Greenway Extension	This project would connect the 2.5 mile Bolin Creek Greenway to the planned 1.7 miles of bicycle and pedestrian improvements on Estes Drive Extension, completing a key east-west connection and connecting Chapel Hill and Carrboro.	Town of Chapel Hill	7	Town of Chapel Hill
6	SR 1008 (Mt. Carmel Church Road)	Construct a multi-use sidepath on one side of Mt. Carmel Church Road.	Town of Chapel Hill	7	Town of Chapel Hill
7	Ephesus Church Road Sidewalk	Construct sidewalks and bike lanes along both sides of Ephesus Church Road	Town of Chapel Hill	7	Town of Chapel Hill
8	Old NC 86 - Hillsborough Road	Construct bicycle lanes on both sides of roadway and a sidewalk along the north/east side of roadway to extend existing bike lanes and sidewalk at Farm House Road to Homestead/Dairyland Rd intersection at Calvander.	Town of Carrboro	7	Town of Carrboro

# How Do Different Transportation Modes Get Funded?

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# Projects Are Funded Using A “Cascading” Method

All projects in the Statewide Mobility category are scored and funded first. If projects do not score high enough for the available funding (40% of total SPOT budget) and are not funded in that category, they are scored again in the Regional Impact category for that available funding and so on. Any projects that are only eligible for Division Needs projects compete against all unfunded projects from the Statewide and Regional levels, as well as against other Division projects for only 30% of the total funding available for the SPOT program.



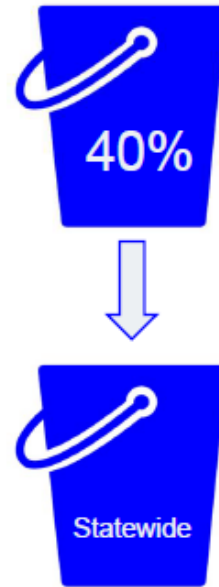
# Funding Is Split Between State Regions & Divisions

**Statewide eligible** projects from across the state compete for the same set of funds.

For **Regional** projects, the available funds are split into 7 buckets based on the population share of the 7 state regions. **DCHC MPO is split between regions C, D, & E.**

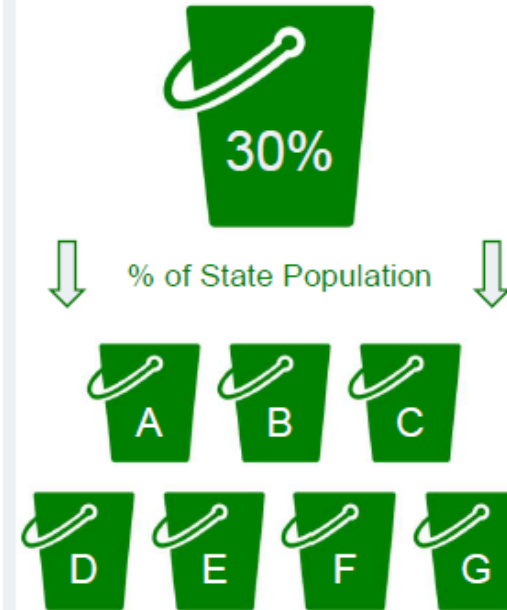
For **Division** projects, the 30% available funding is split between 14 state divisions. **DCHC MPO is split between divisions 5, 7, & 8.**

## Statewide Mobility



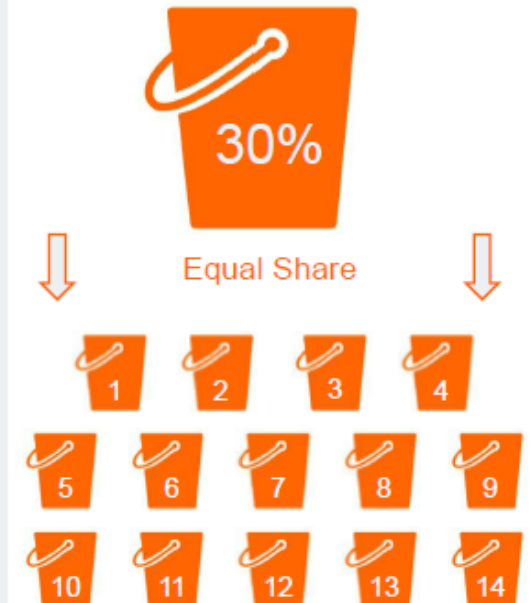
Programmed First  
Interstate Maintenance  
Bridge Replacement  
Bridge Rehabilitation  
Highway Safety  
Committed Projects

## Regional Impact



Programmed First (per bucket)  
Bridge Replacement  
Bridge Rehabilitation  
Highway Safety  
Committed Projects

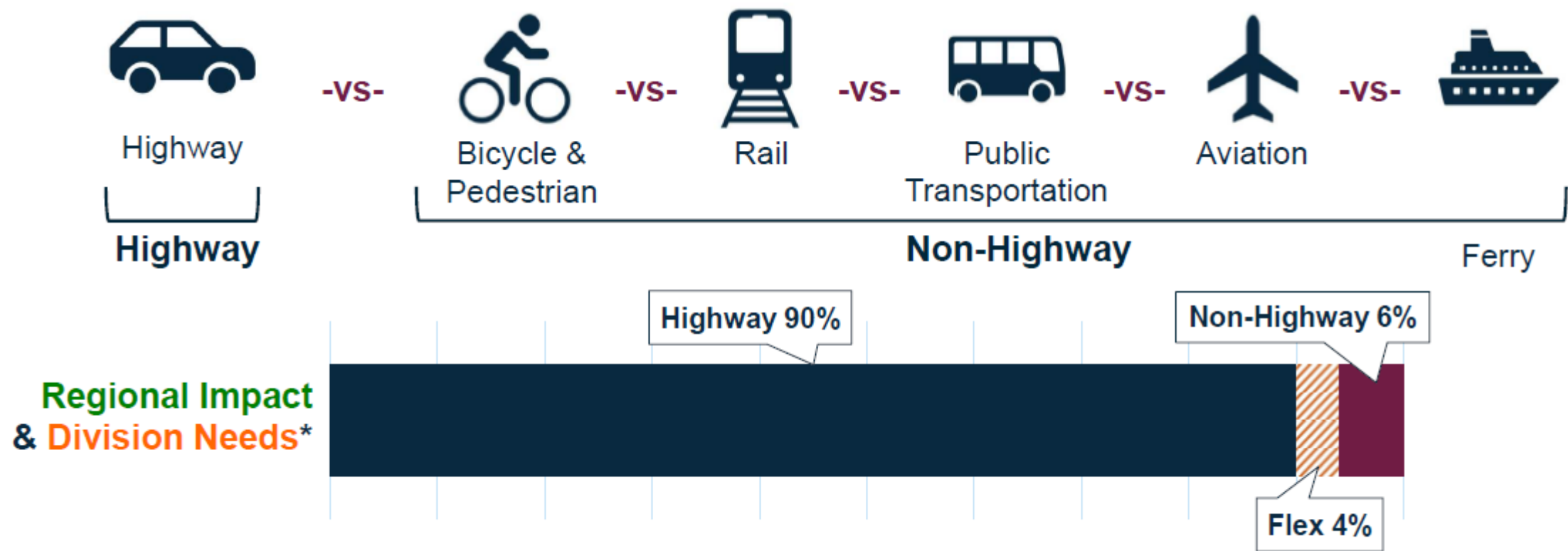
## Division Needs



Programmed First (per bucket)  
Bridge Replacement  
Bridge Rehabilitation  
Highway Safety  
MPO Direct Attributable  
Transportation Alternatives  
Highway-Rail Crossing  
Economic Development  
Committed Projects

# SPOT Process Is Aimed at Funding Highway Projects

In addition to funding being split up by 1) Statewide, regional, and division categories, and 2) buckets for the 7 regions and 14 divisions, funds are also split into 3) highway or non-highway categories. That means that of the 60% of total SPOT funds for regional and division projects, only 6% of that is dedicated to non-highway projects.



*\*Statewide Mobility – No modal allocation, competition based only on quantitative scores*