

## Proposed Highway Project Submittals for SPOT 5.0

Submitted By	Category	Route / Facility Name	From / Cross Street	To / Cross Street	Description	Notes
Durham	Statewide Mobility	NC 147	Elba St.	Trent Dr.	Construct roundabout at the intersection of Elba St., Trent Dr., and NC 147 ramps.	
Durham	Statewide Mobility	US 15/501 Bypass	NC 147	US Business 70 (Hillsborough Road)	Signalize collector-distributor ramp intersections to improve safety.	
Chatham County	Regional Impact	NC 751	O'Kelly Chapel Rd (SR1731)	Lewter Shop Rd (SR1740)	Widen to 4 Lanes with Bicycle accommodations on Existing Location.	
Durham	Regional Impact	NC 751	NC 54	Southpoint Auto Park Blvd	Widen roadway to four lanes with a median with bicycle, pedestrian and transit facilities as appropriate.	
Durham	Regional Impact	NC 751 (Hope Valley Road)	South Roxboro Rd	Woodcroft Parkway	Widen NC 751 (S. Roxboro Rd to NC 54) to four lanes with bike lanes and sidewalks. This project includes the realignment of the NC 751 & South Roxboro Road intersection.	
Durham	Regional Impact	NC 98 (Holloway St./Wake Forest Hwy.)	SR 1838 (Junction Rd.)	Lynn Rd. or Mineral Springs Rd.	Safety improvements, access management, widen to add median, bicycle lanes, sidewalks, transit stop improvements, traffic signals where needed.	End point could be Mineral Springs or Lynn
Durham	Regional Impact	US 15/501 Business (Roxboro Street)	Pettigrew St	Main St	Widen Roxboro St and rebuild NC Railroad bridge. Ramseur St may be reconstructed at grade.	
Durham	Regional Impact	US 501 (Roxboro Rd.)	US 501 Bypass (Duke Street)	Omega Rd.	Construct median, access management, and safety improvements, bicycle and pedestrian facilities, transit stop improvements.	
Durham	Regional Impact	US 501 Business (Roxboro Rd.)	Avondale Dr.	Old Oxford Rd.	Construct turn lanes at Lavender, Bon Air, and Murray. Pedestrian and streetscape improvements.	
Durham	Regional Impact	US 501 Business (Roxboro Rd.)	Horton Rd.		Construct turn lanes at Horton Rd.	Only one of the two highlighted projects will be submitted.
Durham	Regional Impact	US 501 Business (Roxboro Rd.)	Fairfield St.	US 501 (Duke St.)	Construct turn lanes at Horton Rd. Pedestrian facilities, streetscape improvements	
Durham	Regional Impact	US 70 Business and SR 1380 (Great Jones St.) and SR 2266 (Liberty St.)	US 15/501 Business (Roxboro St.)	US 15/501 Business (Roxboro St.)	Convert the Downtown Loop and Liberty Street to two-way traffic. Project includes realigning portions of the Loop, traffic signals, bicycle facilities, sidewalks, signage.	
Hillsborough	Regional Impact	NC 86	US 70 Bypass	North of NC 57	Widen roadway to four lanes with a median and improve intersections at US 70 Bypass and NC 57. Incorporate pedestrian crossing at intersection on NC 57 and NC 86.	

Orange County	Regional Impact	US 70 Connector	US 70		Reconstruct interchange to allow for an at-grade intersection permitting all turning movements, i.e. allowing left turns from the US 70 Connector northbound onto US 70 and right turns from US 70 eastbound onto the US 70 Connector (these movements currently not allowed). Remove/abandon structurally deficient bridge. The improvement to the I-85/US 70 Connector, US 70 interchange area will create a better alternative for truck and automobile traffic that currently use SR-1004/Efland-Cedar Grove Road, Forest Ave, Mt. Willing Road to travel to I-40/I-85. This project will also support economic development on parcels to the west of the US 70 Connector.	
Carrboro	Division Needs	Old NC 86	Homestead Road	Old Fayetteville Road	Upgrade roadway corridor and intersection to improve safety of all users. Construct two-lane improvements on Old NC 86 with left turn lanes at appropriate locations, such as John's Woods Road, and on-road bicycle facilities--paved shoulders and bicycle lane markings; design of roadway and facilities may vary along the corridor. Improve intersection at Calvander (Old NC 86/Homestead/Dairyland (SR 1004/1113/1777)) for all modes; increase capacity for vehicles and provide bicycle and pedestrian facilities to improve safety.	
Chapel Hill	Division Needs	Elliott Rd	US 15/501 (Fordham Blvd)	Ephesus Church Rd	Construct extension of existing roadway (Elliott Rd) on new location between Ephesus Church Rd and US 15/501. The primary benefit of the new segment of road is to alleviate traffic at the intersection of US 15/501 & Ephesus Church Road, as well as congestion on US 15/501 between Ephesus Church and Elliott.	
Chatham County	Division Needs	Farrington Point Rd SR 1008/Old Farrington Rd (SR 1728)	SR 1109 (Farrington Road)	Jack Bennett/Lystra (SR 1717)	Modernize roadway.	
Chatham County	Division Needs	O'Kelly Chapel Rd	NC 751	Yates Store Road	Widen to 4 lane and bicycle accommodations on existing location.	
Durham	Division Needs	Hillandale Rd.	Horton Rd.		Construct roundabout	

Durham	Division Needs	New Route - Northern Durham Parkway	Old Oxford Rd.	I-85	Construct multi-lane roadway on new location.	
Durham	Division Needs	New Route - Northern Durham Parkway	US 70	NC 98/Wake Forest Hwy/Holloway St	Construct multi-lane roadway on new location.	
Durham	Division Needs	Riddle Rd.	Alston Ave.		Construct roundabout	
Durham	Division Needs	SR 1116 (Garrett Rd.)	NC 751	SR 2220 (Old Chapel Hill Rd.)	Upgrade roadway corridor, increase capacity, bicycle and pedestrian facilities, transit stop improvements.	
Durham	Division Needs	SR 1978 (Hopson Rd.)	Distribution Dr.	NC 54	Widen roadway to a four lane divided roadway with bicycle and pedestrian facilities.	
Hillsborough	Division Needs	SR 1006 (Orange Grove Road)	SR 1148 (Eno Mountain Road)/SR 1192 (Mayo Street)		Construct new section of SR 1184 (Eno Mountain Road) to align with SR 1192 (Mayo Street) and install signal.	

## Highway Projects Not Recommended for Submittal for SPOT 5.0

Submitted By	Category	Route / Facility Name	From / Cross Street	To / Cross Street	Description	Notes
Durham	Regional Impact	NC 55	Cecil St.	Lawson St.	Add median and turn lanes with bicycle, pedestrian, and transit facilities as appropriate.	Project may not be necessary since there are turn lanes at Lawson and Cecil Streets. Potential negative impacts to houses on NC 55.
Durham	Regional Impact	US 15/501 Business (Durham-Chapel Hill Blvd.)	Nation Ave.	University Dr.	Construct roundabouts at Legion, Hope Valley, Midvale, and James. Access management, driveway consolidation or closures, median, protected bicycle facilities, sidewalks, transit stop improvements, safety improvements.	Wait until US 15-501 Corridor Study is completed.
Durham	Regional Impact	US 15/501 Business (Roxboro and Mangum Streets)	US 15/501 Business (Lakewood Ave.)	Markham Ave.	Convert Roxboro St. and Mangum St. to two-way traffic. Includes traffic signals, bicycle facilities, and sidewalks.	Not supported by Division without further study.
Chapel Hill	Division Needs	Legion Road Extension	Legion Rd	Fordham Blvd	Construct extension of existing roadway (Legion Rd extension) on new location between Legion Road and US 15-501. Project shall include bicycle and pedestrian facilities.	Not projected to score well.
Chatham County	Division Needs	Jack Bennett/Lystra Rd (SR 1717)	US 15501	Farrington Mill/Point Rd (SR1008)	Modernization	Not projected to score well.
Durham	Division Needs	Globe Road	Miami Blvd	Page Road	Construct new location roadway	Does not score well. Very expensive.
Durham	Division Needs	Leesville Road	Leesville Road	Page Road Extension	Construct new location roadway	Does not score well. Could it be included within scope of US 70 project?
Durham	Division Needs	Roxboro St	Cornwallis Rd	MLK Pkwy	Construct new location roadway	Does not score well. May be more appropriate as a City project.
Durham	Division Needs	SR 1327 (Gregson St.), SR 1361 (Vickers Ave.) and SR 1445 (Duke St.)	US 15/501 Business (Lakewood Ave.)	I-85	Convert Gregson St./Vickers Ave. and Duke St. to two-way traffic. Includes traffic signals, bicycle facilities, and sidewalks.	Not supported by Division without further study.
Orange County	Division Needs	Orange Grove Road	New Grady Brown School Road	Patriot's Pointe Drive	This project would be to construct one additional lane between Patriot's Pointe Drive and New Grady Brown School Road. This project would include both pedestrian and bicycle improvements along the roadway. The I-40 bridge would be widened to accommodate both pedestrian and bicycle amenities and one additional travel lane.	Not in MTP or CTP.

## Proposed Bike/Ped Project Submittals for SPOT 5.0

Submitted by	Category	Route / Facility Name	From / Cross Street	To / Cross Street	Description
Carrboro	Division Needs	NC 54	James Street	Anderson Park	Construct sidepath on the north side of the road to accommodate two-direction bicycle transportation.
Carrboro	Division Needs	Old NC 86 - Hillsborough Road	SR 1777 (Homestead Road)	Farm House Road	Construct bicycle lanes on both sides of roadway
Carrboro	Division Needs	SR 1843 (Seawell School Road)	SR 1780 (Estes Drive Extension)	SR 1777 (Homestead Road)	Construct bicycle lanes where they do not currently exist on both sides of roadway
Chapel Hill	Division Needs	Martin Luther King Jr. Blvd.	Estes Drive	Homestead Rd	Bike lane addition and sidewalk upgrade.
Chapel Hill	Division Needs	Partial Campus to Campus Connector/ Tanyard Branch extension	Broad Street	Village Dr. & Tanyard Branch Greenway	Off-road Multit-use path
Chapel Hill	Division Needs	Pope Road/Ephesus Church Road	Old Durham-Chapel Hill Rd	Fordham Blvd	Construct sidewalks and bicycle lanes. Between Legion Rd and the Durham County line, the project consists mostly of filling in missing sidewalk. Between the County line and Old Durham Rd, the project involves constructing bicycle lanes and filling in missing gaps.
Chapel Hill	Division Needs	US 15/501 (Fordham Blvd)	Willow Drive	Old Durham Chapel Hill Road	Construct multi-use side paths paralleling US 15/501 (Fordham Blvd), both sides from Willow Drive to Ephesus Church Road and just the east side from Ephesus Church Road to Old Durham Chapel Hill Road. Construct enhanced pedestrian and bicyclist crossing accommodations at intersections and crossing locations.
Chatham County (Cary)	Division Needs	American Tobacco Trail	O'Kelly Chapel Road		Construct pedestrian and bicycle crossing (tunnel) improvements at the American Tobacco Trail (multi-use trail) crossing of O'Kelly Chapel Road.
Durham	Division Needs	Academy	Duke University Rd	Cornwallis Rd	Construct bicycle and Pedestrian Facilities
Durham	Division Needs	Club Blvd	Broad St	Washington Street/Ellerbe Creek Trail	Construct protected bicycle lanes on both sides of the street, install pedestrian hybrid signal at Watts and Club
Durham	Division Needs	Cook Rd	American Tobacco Trail	Martin Luther king Jr Parkway	Connect the American Tobacco Trail (through Hillside High School) to MLK Jr Parkway with buffered bike lanes and sidewalks on both sides of the road
Durham	Division Needs	Durham-Chapel Hill Boulevard	Nation Ave.	University Dr.	Sidewalks, improve bike lanes

Durham	Division Needs	Hardee St	NC 98 (Holloway St)	SR 1800 (Cheek Rd)	Construct Sidewalks and Bike Lanes.
Durham	Division Needs	Holloway Street	Ganyard Farm Way	US-70 Bypass	Construct sidewalk on both sides of the road and intersection improvements.
Durham	Division Needs	Horton Road	Guess Rd.	N. Roxboro Rd	Construct multi-use path <u>or</u> Construct Bicycle and Pedestrian Facilities
Durham	Division Needs	Miami Boulevard	Ellis Rd	Cornwallis Rd	Construct multi-use path along east side of roadway.
Durham	Division Needs	NC 54	RTP Trail	American Tobacco Trail	Construct shared use path along east side of roadway and intersection improvements/sidewalk connections to transit stops on both sides of the road.
Durham	Division Needs	NC 55	American Tobacco Trail	Cornwallis Rd	Construct shared use path on one side of roadway and make intersection improvements.
Durham	Division Needs	Sandy Creek Trail	Sandy Creek Trail	Cornwallis Rd. at Al Buehler Trail	Construct a shared use trail
Durham	Division Needs	Tunnel	Ramseur Street	American Tobacco Trail	Construct tunnel underneath NCRR railbed.
Durham	Division Needs	University Dr	Garrett Rd	MLK Parkway	Construct shared use path
Durham	Division Needs	US 501 (N. Roxboro Rd.)	Fairfield Road	Milton Road	Construct shared use path on one side of the street, sidewalk connections to transit on both sides, and intersection improvements.
Durham	Division Needs	Warren Creek Trail Phase II	Mountains-to-Sea Trail	Warren Creek Trail	Construct a shared use trail and sidewalks connecting the Rocky Creek Trail, the American Tobacco Trail, and the Hayti Heritage Center

## Bike/Ped Projects For Division Submittal or Not Recommended for Submittal

Submitted By	Route / Facility Name	From / Cross Street	To / Cross Street	Description	Notes
Chapel Hill	Finley Golf Course Road	US 15-501/NC 54	NC 54	Construct sidepath on one side or bicycle lanes.	Division 7 will submit.
Chapel Hill	Mt. Carmel Church Road	US 15-501	Bennett Road	Multit-use path one side	Division 7 will submit.
Chatham County	O'Kelly Chapel Rd Side St Trail	American Tobacco Trail	Green Level Church Rd (SR 1630)	Construct 10' wide Streetside trail along O'Kelly Chapel Rd between existing trail at Green Level Church Rd and American Tobacco Trail	Removed at request of Town of Cary.
Chatham County	Pittard Sears	O'Kelly Chapel Rd	trailhead at American Tobacco Trail	Construct sidewalk along western side of Pittard Sears Rd between O'Kelly Chapel Rd and trailhead	Removed at request of Town of Cary.
Durham	Alston Ave. and NC 54	Cornwallis Rd.	NC 54 RTP Trail	Bike lanes, sidewalk	
Durham	Club	Ambridge St	Dearborn Dr	Construct Bicycle and Pedestrian Facilities	Not projected to score well.
Durham	Cornwallis Road	American Tobacco Trail	NC 55	Construct sidewalk on one side of the road and intersection improvements/sidewalk connections to transit stops on both sides of the road.	Not projected to score well.
Durham	Erwin Road	NC 751 at Al Buehler Trail	Sage Rd.	Buffered bike lanes	Project extends into Orange County. Not clear who would manage. Request submission by Division 5
Durham	NC 55	NC 54	Carpenter Fletcher Rd	Construct sidewalk on one side of the road and intersection improvements/sidewalk connections to transit stops on both sides of the road.	Request submission by Division 5
Durham	Old Durham-Chapel Hill Road Bridge over I-40			Add bicycle and pedestrian facilities to an existing bridge.	Request submission by Division 5
Durham	Rose of Sharon/Hillandale	Guess Rd.	Horton Rd.	Sidewalks	Not projected to score well.

Durham	Stadium/ Olympic/ Roxboro/ Old Oxford	Ellerbe Creek Trail	Hebron Road	Bike lanes, side path combination	
Durham	University Dr.	Woodridge	West Forest Hills	Sidewalks, improve bike lanes	Not in Durham Bike + Walk Plan. Request submission by Division 5.



## Proposed Transit Project Submittals for SPOT 5.0

Submitted by	Category	Route / Facility Name	Description
Durham	Regional Impact	New Durham/Garner Commuter Rail line	Proposed 37-mile alignment from West Durham to Greenfield Parkway in Garner via Durham, the Research Triangle Park, Morrisville, Cary, Raleigh, and Garner (12 stations total with downtown connections).
GoTriangle	Regional Impact	Durham-Orange Light-Rail Transit Project (D-O LRT)	UNC Hospitals in Chapel Hill to North Carolina Central University in Durham. Construct light rail system
GoTriangle	Regional Impact	GoTriangle Expansion Vehicle FY23	1 vehicle to support bus service expansion
GoTriangle	Regional Impact	GoTriangle Expansion Vehicle FY24	1 vehicle to support bus service expansion
GoTriangle	Regional Impact	GoTriangle Expansion Vehicles FY19	4 vehicles to support bus service expansion
GoTriangle	Regional Impact	GoTriangle Expansion Vehicles FY21	2 vehicles to support bus service expansion
GoTriangle	Regional Impact	GoTriangle Rougemont Park & Ride	Construct Rougemont Park and Ride
Chapel Hill	Division Needs	Bus Rapid Transit (BRT) system along Martin Luther King, Jr Blvd and 15/501 South	Chapel Hill Transit North South Corridor BRT Project (formerly Alternatives Analysis) - Bus Rapid Transit along Martin Luther King Jr. Blvd and South Columbia Streets, between Eubanks Park-and-Ride and Southern Village.
Chapel Hill	Division Needs	Chapel Hill Transit Chapel Hill FY19 F Route CW Route J Route G Route Expansion Vehicles	Add peak hour service on buses to the existing CW route (Carrboro, Jones Ferry Park and Ride and Weaver ST). The project will also include additional peak hour service for 1 year on route F (Colony Woods, Franklin St and McDougle School).
Chapel Hill	Division Needs	Chapel Hill Transit FY17 CL&D RouteVeh2Expansion	Expand CL&D route and service hours. Extend service from Chapel Hill to connect with DATA and Triangle Transit at New Hope Commons. This will introduce four (4) revenue vehicles.
Chapel Hill	Division Needs	Chapel Hill Transit FY18 54 CorridorVehicle2Expansion	Extend local bus service from Friday Center to serve demand in 54 corridor to I-40 or beyond by adding four (4) revenue vehicles.
Chapel Hill	Division Needs	Chapel Hill Transit FY20 MLK CorridorVeh2Expansion	Four additional buses (4) will be introduced along the Martin Luther King Jr. - South Columbia - 15/501 corridor (T Route, NU Route, A Route, NS Route). Improvements will include headway reduction and amenity improvements along the corridor.
GoTriangle	Division Needs	Fayetteville St Transit Corridor Improvements	Fayetteville St Transit Corridor; Transit Corridor improvements (access and stop improvements, bus shelters) GoDurham 5, 5K

GoTriangle	Division Needs	GoDurham AVL/Real-Time System Replacement	Replacement and/or Reconfiguration of current Automated Vehicle Location (AVL) software, including additional features for more efficient safety/security, vehicle health, and incident management.
GoTriangle	Division Needs	GoDurham Expansion Vehicle FY23	1 vehicle to support bus service expansion
GoTriangle	Division Needs	GoDurham Expansion Vehicle FY21	1 vehicle to support bus service expansion
GoTriangle	Division Needs	GoDurham Expansion Vehicle FY22	1 vehicle to support bus service expansion
GoTriangle	Division Needs	GoDurham Expansion Vehicle FY24	1 vehicle to support bus service expansion
GoTriangle	Division Needs	GoDurham Operations and Maintenance Facility	Build a new garage facility to accommodate additional vehicles due to expanded bus service and maintain or replace existing facility after end of useful life
GoTriangle	Division Needs	Village Neighborhood Transit Center	Design and Construction of NTC: Village Neighborhood Transit Center. GoDurham 2B, 3, 16, 16A, 16B.
Orange County	Division Needs	Orange County Public Transportation Circulator II	Purchase one transit vehicle to begin the Hillsborough Circulator II route in Hillsborough

## Proposed Rail Project Submittals for SPOT 5.0

Submitted by	Category	Route / Facility Name	Description	Notes
Durham	Statewide Mobility	NS H	Triple track bridge over I-40	Rail Division and Railroads do not support project.
Durham	Statewide Mobility	NS H	Construct grade separation at Neal Rd.	
Durham	Statewide Mobility	NS H	Construct double track from West of the rail yard at Funston to East Durham yard.	Rail Division and Railroads do not support project.
Durham	Statewide Mobility	NS H	Construct double track from Alexander Drive to Nelson.	Rail Division and Railroads do not support project.
Durham	Statewide Mobility	NS H	Construct improved at grade crossings at Duke Street, Blackwell St, Mangum St, Dillard St, Fayetteville St, and Grant St in Durham. Improvements may include traffic signal and crossing protection device upgrades, and/or installation of new traffic signals and crossing protection devices at intersections adjacent to the crossings to incorporate additional crossing protection devices.	
NCDOT Rail	Statewide Mobility	NCRR/NS	University Station mainline realignment, straighten out curves in the line in the University Station area.	
NCDOT Rail	Statewide Mobility	NCRR/NS	Curve realignments from west of Hillsborough to Efland.	
Orange County	Statewide Mobility	NS H	Improve current Dimmocks Mill Rd grade separation and close Bellvue St	
Hillsborough	Division Needs	NS H	Improve the current trestle at Exchange Park Lane to accommodate pedestrian traffic to support a pedestrian link from the proposed Hillsborough Train Station to downtown Hillsborough.	
NCDOT Rail	Division Needs	NCRR	Add to existing platform at Durham Station and construct center island.	