

## SPOT 4.0 Holding Tank Projects

Mode	Project Category	Route / Facility Name	From / Cross Street	To / Cross Street	Description	Cost To NCDOT	County(ies)
Highway	Statewide Mobility	US 15 , US 501	I-40	US 15/501 Business	I-40 to US 15/501 Bypass in Durham. Major Corridor Upgrade to Expressway	\$ 195,300,000	Durham
Highway	Statewide Mobility	US 15 , US 501	I-40, Mt. Moriah Rd, and SW Durham Dr		Improve Interchange Area including Mount Moriah Road and SW Durham Drive	\$ 195,300,000	Durham
Highway	Statewide Mobility	I-85 , US 15	E Club Blvd		Improve interchange. modernization of this interchange. The big concern is the pre-1970's design speed for the on- and off-ramps and merging. Not so much a congestion issue, but a safety issue.	\$ 20,700,000	Durham
Highway	Statewide Mobility	I-40	NC 147 (Durham Freeway)		Improve existing NC 147 Durham Freeway SE on-ramp to I-40 toward Raleigh. Ramp improvement only.	\$ 17,000,000	Durham
Highway	Statewide Mobility	NC 147	I-40	East End Connector	Add northbound and southbound auxiliary lanes: NB from either Cornwallis or TW Alexander to the EEC, and SB from the EEC to either Cornwallis or I-40. Request Congestion Management to determine the best configuration.	\$ 30,000,000	Durham
Rail	Statewide Mobility	NS H line			Grade separations at Blackwell St crossing (735229N) and Mangum St crossing (735231P) in Durham	\$ 95,000,000	Durham
Rail	Statewide Mobility	NS H line			Construct grade separation at Neal Rd. Cost information does not exist at this time and a placeholder value of \$1 was used in the cost estimating screen	\$ 5,300,000	Durham
Rail	Statewide Mobility	NS H line			Construct double track from Cary Station (control point Fetner) to SR751 at Duke Forest (cp Funston). Segment 1: West of the rail yard - Funston to East Durham yard. Cost information does not exist at this time and a placeholder value of \$1 was used in the cost estimating screen	\$ 49,000,000	Durham
Rail	Statewide Mobility	NS H line			Construct double track from Cary Station (control point Fetner) to SR 751 at Duke Forest (cp Funston). Segment 2: East Durham Yard to Nelson. Cost information does not exist at this time and a placeholder value of \$1 was used in the cost estimating screen	\$ 52,000,000	Durham
Rail	Statewide Mobility	NS H line			Construct improved at grade crossings at Blackwell St crossing (735229N) and Mangum St crossing (735231P) in Durham. Cost information does not exist at this time and a placeholder value of \$1 was used in the cost estimating screen	\$ 630,000	Durham

Highway	Statewide Mobility	I-85	NC 86		Construct new interchange to accommodate increased increased traffic & Diamond with 2-lane and 4-lane widened NC 86 on bridge with turn lanes.	\$ 16,488,000	Orange
Highway	Statewide Mobility	I-85	West of Mt. Herman Church Road grade separation	west of Durham County Line	Widen one lane in each direction	\$ 53,460,000	Orange
Highway	Statewide Mobility	I-85	I-85/40 split	east of the NC 86 interchange	Widen to one lane in each direction and improve interchanges	\$ 107,042,000	Orange
Rail	Statewide Mobility	NS H			Improve current Dimmocks Mill Rd (#735154S) grade separation and close Bellvue St (#735152D). Cost information does not exist at this time and a placeholder value of \$1 was used in the cost estimating screen	\$ 11,600,000	Orange
Highway	Statewide Mobility	I-40	NC 147	Wade Avenue	Construct Managed Lanes.	\$ 724,910,000	Wake, Durham
Highway	Statewide Mobility	I-40	Aviation Parkway	I-540	Construct Auxiliary on I-40 Westbound between Aviation Parkway and Airport Blvd, and Airport Blvd and I-540; and I-40 Eastbound between Airport Blvd and Aviation Parkway	\$ 16,520,000	Wake, Durham
Highway	Statewide Mobility	I-540	I-40	I-495 (Knightdale Bypass)	Construct managed shoulders in both directions along I-540. Managed lanes are expected to be in operation for approx 3 hours during morning and evening peak periods (6 hours total).	\$ 97,250,000	Wake, Durham
Highway	Regional Impact	NC 751	US 64	O'Kelly Chapel Road	Widen to 4 Lanes with Bicycle Lanes on Existing Location.	\$ 91,750,000	Chatham
Highway	Regional Impact	NC 751 (Hope Valley Road)	NC 54	Southpoint Auto Park Blvd	Widen Roadway to Four Lanes with a Median with Bicycle, Pedestrian and Transit Facilities As Appropriate.	\$ 16,500,000	Durham
Highway	Regional Impact	US 501 (Roxboro Road)	US 501 Bypass (Duke Street)	SR 1640 (Goodwin Road)	Widen to Six Lanes	\$ 49,083,000	Durham
Highway	Regional Impact	NC 751	South Roxboro Rd	Woodcroft Parkway	NC 751 (S. Roxboro Rd to NC 54) Widen to 4 lane, bike lane and sidewalks. This project includes the realignment of the NC 751 & South Roxboro Road intersection. The realignment can't be entered using the SPOT Online tool.	\$ 5,189,000	Durham
Rail	Regional Impact	New Durham/Garner Commuter Rail line			The Proposed 37 mile alignment extends 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). The operations plan assumes the use of existing freight tracks where possible. In some instances, a second track will be constructed to enhance the capacity of the corridor to allow for continued increases in demand for both passenger and freight traffic in the corridor.	\$ 345,000,000	Durham

Rail	Regional Impact	NS H			Triple track bridge over I-40 (freight) Cost information does not exist at this time and a placeholder value of \$1 was used in the cost estimating screen	\$ 20,000,000	Durham
Transit	Regional Impact	GoTriangle Holloway Street Transit Corridor Improvements			Holloway Street Transit Corridor, Transit Corridor improvements (access and stop improvements. GoDurham 3, 16, 16A, 16B	\$ 106,000	Durham
Transit	Regional Impact	GoTriangle Rougemont Park & Ride			Construct Rougemont Park and Ride	\$ 110,000	Durham
Transit	Regional Impact	Regional Transit Center			An improved location to increase the efficiency of the overall regional system. The project includes 10 bus bays and 150 parking spaces in a structured facility.	\$ 1,040,000	Durham
Highway	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 .	\$ 34,600,000	Orange
Highway	Regional Impact	US 70	US 70 Connector/ I-85		Reconstruct Interchange to allow for full movements (install ramp from eastbound US 70 to Connector and from the Connector to westbound US 70). The improvement to the I-85/US 70 Connector, US 70 interchange area will alleviate the 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. Once traffic heads eastward past the Forest Ave intersection, there isn't an easy or direct way to get from US 70 south to I-40/I-85.	\$ 22,740,000	Orange
Transit	Regional Impact	GoTriangle Hillsborough Park & Ride ODX, 420			Purchase and Construction of a 100 space park and ride lot in Hillsborough for Routes ODX, 420.	\$ 120,000	Orange
Transit	Regional Impact	GoTriangle 17 Bus Stop/Shelter Improvements			Complete or construct 17 Bus Stop Improvements/bus shelters for Routes 400, 405, CRX, 800, 805	\$ 36,000	Orange
BikePed	Division Needs	SR 1008 Farrington Point Road/Farrington Mill Road	Durham County Line	SR-1721 - Lystra Road	Construct Bicycle lanes along SR 1008 Farrington Point Road/Old Farrington Point Road from the Durham County Line to SR 1721 Lystra Road.	\$ 1,806,621	Chatham
BikePed	Division Needs	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.	\$ 1,940,657	Chatham

BikePed	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. The American Tobacco Trail is a 20+ mile railtrail that extends from Durham to RTP, Cary, Morrisville, Apex and New Hill. It is a designated segment of the East Coast Greenway (linking Maine to Florida), and is heavily used by cyclists, pedestrians and equestrians. The ATT crosses a few roadways along it's length, one of which is O'Kelly Chapel Road.	\$ 3,021,816	Chatham
BikePed	Division Needs	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	\$ 2,001,818	Chatham, Wake
BikePed	Division Needs	Horton Road	Hillandale Rd	N Roxboro Rd	Construct bike lanes and sidewalks.Add sidewalk between Guess Rd and Hillandale Rd. Add sidewalk and bike lanes between Guess Rd and Duke St. Add sidewalk between Duke St. and Roxboro Rd.	\$ 7,368,800	Durham
BikePed	Division Needs	Hardee St	NC 98 (Holloway St)	SR 1800 (Cheek Rd)	Construct Sidewalks and Bike Lanes.	\$ 2,080,000	Durham
BikePed	Division Needs	Academy1	Duke University Rd	Cornwallis Rd	Construct bicycle and Pedestrain Facilities	\$ 4,353,028	Durham
BikePed	Division Needs	Club2	Ambridge St	Dearborn Dr	Construct Bicycle and Pedestrian Facilities	\$ 3,496,422	Durham
BikePed	Division Needs	Sandy Creek Trail	Pickett Rd	Cornwallis Rd	Construct a shared use trail	\$ 2,136,732	Durham
BikePed	Division Needs	Pearsontown Trail	Nelson St	Hayti Heritage Center	Construct a shared use trail and sidewalks between Nelson St and Hayti Heritage Center	\$ 1,844,542	Durham
BikePed	Division Needs	Cook Rd	Fayetteville Rd	Martin Luther king Jr Parkway	Fayetteville Rd(near Hillside High School) to MLK Jr Parkway) construct bike lanes and sidewalks on both sides of the road	\$ 7,021,561	Durham
BikePed	Division Needs	Duke Belt Line Trail	Pettigrew St	Avondale Ave	Construct a shared use trail on former rail corridor.	\$ 6,400,000	Durham
Highway	Division Needs	New Route - Northern Durham Parkway	US 70	NC 98/Wake Forest Hwy/Holloway St	Construct Multi-Lane Roadway on New Location	\$ 80,850,000	Durham

Transit	Division Needs	Village Neighborhood Transit Center			Design and Construction of NTC: Village Neighborhood Transit Center. GoDurham 2B, 3, 16, 16A, 16B.	\$ 85,800	Durham
Transit	Division Needs	Fayetteville St Transit Corridor Improvements			Fayetteville St Transit Corridor; Transit Corridor improvements (access and stop improvements, bus shelters) GoDurham5, 5K, 7, 14; GoTriangle 800, 805	\$ 265,000	Durham
BikePed	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.	\$ 5,217,729	Durham, Orange
BikePed	Division Needs	NC 54	James Street	Anderson Park	Construct sidepath on the north side of the road to accommodate two-direction bicycle transportation.	\$ 1,174,514	Orange
BikePed	Division Needs	Finley Golf Course Road	US 15-501/NC 54	NC 54	Construct sidepath on one side or bicycle lanes.	\$ 2,305,069	Orange
BikePed	Division Needs	Campus to Campus	Merritt Mill Rd	Carolina North Campus	Construct a multi signed route (on road and trail) providing bicycle and pedestrian safety.	\$ 2,027,977	Orange
BikePed	Division Needs	Old NC 86 - Hillsborough Road	SR 1777 (Homestead Road)	Farm House Road	Construct bicycle lanes on both sides of roadway	\$ 990,326	Orange
BikePed	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	\$ 2,579,917	Orange
BikePed	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.	\$ 2,410,877	Orange
Highway	Division Needs	SR 1777 (Homestead Road)	SR 1009 (Old NC 86 / Hillsborough Road)	NC 86/MLK Blvd	Modernize roadway to improve safety of all users. Safety improvements that include turn lanes at intersections, bicycle, pedestrian, and transit accommodations at appropriate locations, design of roadway and facilities may vary along the corridor.	\$ 24,762,000	Orange
Highway	Division Needs	SR 1114 (Buckhorn Road)	SR 1144 (West Ten Road)	US 70	Widen to Multi-Lanes with Bicycle and Pedestrian Accommodations.	\$ 14,795,000	Orange
Highway	Division Needs	SR 1114 (Buckhorn Rd), SR 1006 (Orange Grove Rd)	SR 1177 (Dairyland Road)	SR 1146 (West Ten Road)	Construct 4-Foot Paved Shoulders	\$ 8,200,000	Orange

Highway	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 15/50 & Ephesus Church Road, as well as congestion on US 15/501 between Ephesus Church and Elliott. The evaluation of the benefit should take into consideration the future traffic reduction and the intersection LOS at US 15/501/Ephesus Church, and the future LOS at the Elliott/US 15/501 inter	\$ 7,600,000	Orange
Highway	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.	\$ 1,650,000	Orange
Transit	Division Needs	Chapel Hill Transit Chapel Hill FY19 F Route CW Route J Route G Route Expansion Vehicles			In addition, this project will add additional peak hour service on buses to the existing CW route (Carrboro, Jones Ferry Park and Ride and Weaver ST) in response to ridership growth, resulting in headway reduction. The project will also include additional peak hour service for 1 year on route F (Colony Woods, Franklin St and McDougale School) in response to ridership growth, resulting in headway reduction. This route currently provides 240,627 rides a year. This project will add additional service	\$ 216,282	Orange
Transit	Division Needs	Chapel Hill FY19 UNC Hosp. Manning Dr. Bus Shelter			Install new block length bus shelter at Manning Drive / UNC Hospital.	\$ 8,000	Orange
Transit	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.	\$ 318,385	Orange
Transit	Division Needs	Chapel Hill Transit FY2017 Route F, Route CW, Route J Vehicle			This project will add additional peak hour service for 1 year on route F (Colony Woods, Franklin St. and McDougale School) in response to ridership growth, resulting in headway reduction .	\$ 167,068	Orange
Transit	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.	\$ 187,716	Orange
Transit	Division Needs	Chapel Hill Transit FY18 54 CorridorVehicle2Expansi			Extend local bus service from Friday Center to serve demand in 54 corridor to I-40 or beyond by adding four (4) revenue vehicles.	\$ 193,183	Orange

Transit	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.	\$ 24,200,000	Orange
Highway	Division Needs	SR 1005 (Old Greensboro Road)	SR 1942 (Jones Ferry Rd)	NC 87 in Alamance County	Add 4-Foot Paved Shoulders	\$ 13,467,000	Orange, Alamance