

Potential Aviation Projects to Submit for SPOT 7.0 Scoring

SPOT ID	Project Category	Route / Facility Name	Project Name	Description	Specific Improvement Type	ROW Cost	Construction Cost	Total/Cost to NCDOT	Division(s)	MPO(s)/RPO(s)	County(s)
	Division Needs	LHZ - Triangle North Executive	New Terminal, Landside and Airside Improvements	Construct new airport terminal, landside parking/access and utilities, and airside access (apron, taxiway)	1305 - General Aviation Terminal Building: New Construction		\$ 5,900,000	\$ 6,465,000	05	Capital Area MPO	Franklin
	Division Needs	HRJ- Harnett Regional Jetport	Relocate Airport Road	Full relocation of airport road to include land acquisition, residential and business relocations, paving, utility relocation, and drainage infrastructure.				\$ 11,309,940	06	Capital Area MPO	Harnett
	Division Needs	HRJ- Harnett Regional Jetport	Northwest Corporate Development - Site 1	Will relocate a portion of Airport Road, Construct a new corporate taxiway and apron, Provide pad ready sites with utilities and drainage for (5) large hangars to house corporate jets connected to local businesses.				\$ 6,121,800	06	Capital Area MPO	Harnett
	Division Needs	HRJ- Harnett Regional Jetport	T-Hanger Site Development	Site development, grading, construction of taxiways and access roads, utilities, drainage, pad ready sites for (7) 10-unit T-Hangars and (6) 60'x60' Box Hangars				\$ 6,341,100	06	Capital Area MPO	Harnett
	Division Needs	HRJ- Harnett Regional Jetport	T-Hanger Taxiways and T-Hangars (3-10 Unit Hangars)	Construction of (3) 10-Unit T-Hangars and final paving between hangars.				\$ 4,248,000	06	Capital Area MPO	Harnett
	Division Needs	HRJ- Harnett Regional Jetport	Runway Widening to 100'	Widen existing runway from 75' to 100'. Meets NC State Airport System Plan Requirements and is justified by runway type and use.				\$ 3,697,000	06	Capital Area MPO	Harnett
	Division Needs	HRJ- Harnett Regional Jetport	Runway Extension to 5,500' & add MALSR	Includes 500' runway and parallel taxiway pavement extension, 1,000 foot runway safety area, approach lighting system, land acquisition. Necessary for safety, reduction of aircraft visibility minimums, and increase runway capacity. Additional length was justified during recent masterplan update.				\$ 29,755,110	06	Capital Area MPO	Harnett
	Division Needs	HRJ- Harnett Regional Jetport	Harnett Regional Jetport Comprehensive Upgrades	Full relocation of airport road to include land acquisition, residential and business relocations, paving, utility relocation, and drainage infrastructure. Construct a new corporate taxiway and apron, Provide pad ready sites with utilities and drainage for (5) large hangars to house corporate jets connected to local businesses. Site development, grading, construction of taxiways and access roads, utilities, drainage, pad ready sites for (7) 10-unit T-Hangars and (6) 60'x60' Box Hangars. Construction of (3) 10-Unit T-Hangars and final paving between hangars. Widen existing runway from 75' to 100'. Meets NC State Airport System Plan Requirements and is justified by runway type and use. Includes 500' runway and parallel taxiway pavement extension, 1,000 foot runway safety area, approach lighting system, land acquisition.				\$ 61,472,950	06	Capital Area MPO	Harnett

Potential Bicycle/Pedestrian Projects to Submit for SPOT 7 Scoring

SPOT ID	TIP	Route / Facility Name	From / Cross Street	To / Cross Street	Description	Specific Improvement Type	Cost to NCDOT	Division Needs Quantitative Score (SPOT 6) (Out of 50)	County(ies)	Primary Purpose
B171971		Atlantic Ave greenway	Crabtree Creek Trail	Highwoods Blvd	Construct a shared-use path on the west side of Atlantic Ave. Includes grade-separation pedestrian access under I-440.	2 - Off-Road/Separated Linear Bicycle Facility (Bicycle)	\$ 1,492,400	45.4	Wake	Construct shared-use path to increase connectivity and safety
B191736		Marsh Creek Greenway	Crabtree Creek Greenway Trail	Departure Drive	Construct greenway /multi-use path on new location.	2 - Off-Road/Separated Linear Bicycle Facility (Bicycle)	\$ 1,721,800	43.98	Wake	Create greenway to increase connectivity
B191738		Pigeon House Creek Both	Peace St	Crabtree Greenway	Greenway MUP on new location	2 - Off-Road/Separated Linear Bicycle Facility (Bicycle)	\$ 4,600,000	42.06	Wake	Construction of new greenway will increase system linkage and improve mobility for bicyclists and pedestrians
B191742		Marsh Creek Tributary A Greenway-Alt	Crabtree Creek Greenway Trail	Spring Forest Road	Greenway MUP on new location	2 - Off-Road/Separated Linear Bicycle Facility (Bicycle)	\$ 1,630,000	41.91	Wake	Construction of new greenway will increase system linkage and improve mobility for bicyclists and pedestrians
B191678		Railroad Crossing Improvements Bundle	N Elm St	N Salem St	Combination of two railroad crossing pedestrian improvements serving downtown Apex.	7 - Protected Linear Pedestrian Facility (Pedestrian)	\$ 1,884,000	39.24	Wake	Construction of two rail crossings increases connectivity and safety.
B191688		Greenway	Judd Parkway	US401	Greenway Connection	2 - Off-Road/Separated Linear Bicycle Facility (Bicycle)	\$ 1,689,600	38.69	Wake	Construction of greenway will increase connectivity and mobility between US 401 and Judd Parkway.
B191737		Turkey Creek Greenway	Ebenezer Church Road	Cedar Ridge Trail	Greenway MUP on new location	2 - Off-Road/Separated Linear Bicycle Facility (Bicycle)	\$ 1,713,600	38.37	Wake	Construction of new greenway will increase system linkage and improve mobility for bicyclists and pedestrians
B191740		Lumley/Westgate Sidepath	Leesville Road	Brier Creek Parkway	Streetside MUP	2 - Off-Road/Separated Linear Bicycle Facility (Bicycle)	\$ 2,263,000	38.24	Wake	Construction of new greenway will increase system linkage and improve mobility for bicyclists and pedestrians
B191752		Swift Creek Greenway	Lake Pine Drive	Koka Booth Amphitheatre/Regency Drive	Approximately 2.57 miles of 10' wide paved greenway including 2 grade-separations over highways US 1 & US 64, with trailhead.	2 - Off-Road/Separated Linear Bicycle Facility (Bicycle)	\$ 21,753,400	37.71	Wake	Construction of new greenway will increase system linkage and the construction of grade separated crossings will increase safety.
B191753		Swift Creek Greenway - North (US 64)	Lake Pine Drive	Existing Greenway at Gregson Drive	Approximately 1.42 miles of 10' wide paved greenway including a grade separation over US Highway 64, with trailhead.	2 - Off-Road/Separated Linear Bicycle Facility (Bicycle)	\$ 8,398,000	37.45	Wake	Construction of new greenway will increase system linkage and the construction of grade separated crossings will increase safety
B191707		Triangle Bikeway	Trenton Road	Crabtree Park	Construct a direct bicycling "highway" paralleling the I-40 corridor	2 - Off-Road/Separated Linear Bicycle Facility (Bicycle)	\$ 16,648,000	37.34	Wake	Construction of the Triangle Bikeway will increase linkage, mobility, and safety along the I-40 corridor, connecting the Research Triangle Park in the west (at the future Park Center) to the Capital Area Greenway Trail System in the east (at the future greenway trail along Trenton Road).
B191693		Garner-Walnut Creek Greenway	Garner Road/Downtown Garner	Walnut Creek Greenway Trail	Construction of new greenway. This project links the center of Garner to the Walnut Creek Greenway in southeast Raleigh. From Garner Road, the route travels past the Garner Senior Center, through Garner Recreation Park to Creech Road Elementary School and Creech Road before connection to, and following, a Walnut Creek tributary to the Walnut Creek Trail. This project provides a direct link to Raleigh's existing greenway system and the heart of Garner.	2 - Off-Road/Separated Linear Bicycle Facility (Bicycle)	\$ 9,367,600	36.94	Wake	Construction of greenway increases linkage between Garner Road, Garner Recreation Park, Creech Road Elementary School, Walnut Creek Trail, and Raleigh's existing greenway system
B191690		Downtown/Judd Parkway Connector	SW Judd Pkwy	NE Judd Parkway	Sidewalk Gap Fill and Pedestrian Improvements from SW Judd through Downtown Varina and Downtown Fuquay	7 - Protected Linear Pedestrian Facility (Pedestrian)	\$ 6,120,000	36.84	Wake	Constructing sidewalk to fill gaps will increase connectivity and improve safety. Improvements to existing sidewalk will reduce facility deficiencies.
B191754		Swift Creek Greenway - South (US 1)	Existing Greenway at Gregson Drive	Koka Booth Amphitheatre/Regency Drive	Approximately 1.28 miles of 10' wide paved greenway including a grade separation over US Highway 1	2 - Off-Road/Separated Linear Bicycle Facility (Bicycle)	\$ 15,979,000	36.66	Wake	Construction of new greenway will increase system linkage and the construction of grade separated crossing will increase safety

Potential Bicycle/Pedestrian Projects to Submit for SPOT 7 Scoring

SPOT ID	TIP	Route / Facility Name	From / Cross Street	To / Cross Street	Description	Specific Improvement Type	Cost to NCDOT	Division Needs Quantitative Score (SPOT 6) (Out of 50)	County(ies)	Primary Purpose
B191684		Ennis Street Pedestrian Improvement	Broad	US401	Sidewalk Improvements (construction of new sidewalk and improvement of existing facilities) to Connect Downtown Varina to Downtown Fuquay	7 - Protected Linear Pedestrian Facility (Pedestrian)	\$ 872,066	36.35	Wake	Resolve connectivity issues and facility deficiencies.
B191681		Fuquay-Varina Downtown Connector	Fayetteville Street/Varina Station	North Johnson Street	Pedestrian Tunnel to Connect Downtown Varina District to Downtown Fuquay District	6 - Grade-Separated Pedestrian Facility (Pedestrian)	\$ 2,170,416	36.02	Wake	Construction of a pedestrian tunnel will increase connectivity across the railroad tracks, as well as decreasing the risk of crossing.
B191683		Fayetteville Street - Wake Chapel Road Downtown Connector	Fayetteville Street	US401	Sidewalk Improvements (construction of additional sidewalk and improvement of existing facilities) to Connect Downtown Varina to Downtown Fuquay	7 - Protected Linear Pedestrian Facility (Pedestrian)	\$ 1,405,492	35.47	Wake	Increase connectivity and safety.
B172005		Kindley St - Fayetteville St Connector	Levister Ct	Kindley St	Construct a shared-use path connection with a grade separation over MLK Jr Blvd	1 - Grade-Separated Bicycle Facility (Bicycle)	\$ 924,800	33.41	Wake	Increase connectivity and safety
B191626		NC 55 Sidewalk	US 64 EB Ramp	Vision Drive	Construct a 5' sidewalk along the west side of West Williams Street from the US 64 eastbound ramp to the First Citizens Bank driveway south of Vision Drive. Install guardrail, handrail, and retaining wall north of the bridge over US 64. Install crossing improvements at the intersection of NC 55 and Vision Drive.	7 - Protected Linear Pedestrian Facility (Pedestrian)	\$ 760,000	32.99	Wake	project is to build pedestrian facilities where there currently are none
B191669		Olive Chapel Road bike lanes	NC 55	New Hill Olive Chapel Road	Construct bike lanes along Olive Chapel	3 - On-Road Designated Bicycle Facility (Bicycle)	\$ 11,220,000	31.5	Wake	Construct bike lanes to increase safety and connectivity.
B191732		Sawmill Creek Greenway	McCrimmon Parkway	Ashe Street	Construct 10-foot wide Asphalt Greenway along Sawmill Creek, from McCrimmon Parkway to Ashe Street. Project will require some Right-of-Way Acquisition.	7 - Protected Linear Pedestrian Facility (Pedestrian)	\$ 1,400,000	28.41	Wake	Complete construction of greenway will increase connectivity and safety for cyclists and pedestrians
B191743		North Main Street Greenway (US Hwy 401 Business)	Waterstone Lane	Creek Pine Drive	New 10 foot paved greenway	2 - Off-Road/Separated Linear Bicycle Facility (Bicycle)	\$ 510,000	28.22	Wake	Construction of new greenway will increase system linkage and improve mobility for bicyclists and pedestrians
B191757		Third Street	Prop. Savannah Place Development	Main St.	Construct approximately 640' of 5' wide sidewalk. This project will connect the proposed Savannah Place residential development sidewalk system to existing sidewalk at the Third St. & Main St. intersection. It will also allow for direct pedestrian access to points of interest on the east side of NC 55 via the Utley Creek Greenway underpass.	7 - Protected Linear Pedestrian Facility (Pedestrian)	\$ 210,000	27.56	Wake	Construction of new sidewalk will increase connectivity and safety for the described area. The sidewalk will improve pedestrian safety and community connectivity with several residential neighborhoods, a shopping center, healthcare facilities, an elderly independent living center, Holly Springs Village District and Cultural Center, an elementary school, a town park, a town cemetery, a greenway, and several businesses.
B191642		Middle Creek Greenway (Phase III) & Swift Creek Connector	Gladson Drive	Intersection of Lufkin Rd & Ten Ten Rd	Construct gaps in the greenway from Gladson Drive to intersection of Lufkin Road and Ten Ten Road. Continue with Swift Creek Connector to Regency Parkway in Town of Cary	2 - Off-Road/Separated Linear Bicycle Facility (Bicycle)	\$ 2,415,040	27.34	Wake	Construct greenway to fill existing gaps
B191760		Irving Parkway	Green Oaks Parkway	Thomas Mill Rd.	Construct 1000' of 5' sidewalk. This project will connect existing sidewalk along the east side of Irving Parkway from north of Green Oaks Parkway to south of Thomas Mill Rd.	7 - Protected Linear Pedestrian Facility (Pedestrian)	\$ 250,000	26.64	Wake	Construction of new sidewalk will increase connectivity and safety for the described area. The sidewalk will provide access and pedestrian safety for the surrounding business parks, a medical complex, the Towns Public Works building and shopping centers.
B191749		Smith Creek Greenway Phase 3	Ligon Mill Road	Smith/Sanford Creek Greenway	Construct 0.75 miles of paved greenway, extending the existing Smith & Sanford Creek Greenways south of Heritage High School to Ligon Mill Road. The would connect to Phase 2 and the New River Greenway	2 - Off-Road/Separated Linear Bicycle Facility (Bicycle)	\$ 1,891,900	25.22	Wake	Construction of new greenway will increase system linkage and improve mobility for bicyclists and pedestrians

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B191747		Smith Creek Greenway Phase 2	Burlington Mills Road at existing Smith	Ligon Mill Road	Construct 1.1 miles of pave greenway and trailhead. This trail will connect to the southern portion of the existing Smith Creek Greenway and to Raleigh's Neuse River Greenway via the Wake Forest Connector bridge.	2 - Off-Road/Separated Linear Bicycle Facility (Bicycle)	\$ 3,136,800	24.06	Wake	Construction of new greenway will increase system linkage and improve mobility for bicyclists and pedestrians
B193183		Franklin County Rails to Trails Greenway	Vance Granville Community College/ NC 56	East Mason Street	Completing a section of the current greenway in Franklin County and providing a link between the Town of Louisburg and the Town of Franklinton.	2 - Off-Road/Separated Linear Bicycle Facility (Bicycle)	\$ 13,441,000	22.92	Franklin	This section of the greenway will provide an alternative transportation venue for those who prefer not to drive or cannot drive for a variety of reasons. This greenway will also extend the variety of recreation options available in Franklin County.
B191758		Optimist Farm Road	Sunset Lake Rd.	Sunset Oaks Dr.	Construct 5' sidewalk. This project will connect existing sidewalk in the Sunset Oaks neighborhood to the existing sidewalk on Sunset Lake Rd. The sidewalk is proposed for both sides of Optimist Farm Rd., approximately 1 mile on each side with pedestrian crosswalks.	7 - Protected Linear Pedestrian Facility (Pedestrian)	\$ 1,960,000	22.4	Wake	Construction of new sidewalk will increase community connectivity and pedestriansafety for the described area. The sidewalk will provide access for the surrounding residential areas to Sunset Lake Rd., shopping centers, churches and schools.
B191751		Ludy Park Trail	Main Street (NC96)	Camille Circle	Construct 3,410 lf. 10 ft. multi-use path (sidepath), crosswalks including one rectangular rapid flashing beacon (RRFB) with median refuge island.	2 - Off-Road/Separated Linear Bicycle Facility (Bicycle)	\$ 475,775	21.32	Franklin	Construction of sidepath will increase system connectivity, and the addition of crosswalks and crossing improvements will increase safety.
B191666		Salem Street/Old US 1 bike lanes	Apex Peakway	Pleasant Plains Road	Construct bike lanes along S Salem Street/Old US 1 from Apex Peakway to Pleasant Plains Road.	3 - On-Road Designated Bicycle Facility (Bicycle)	\$ 4,412,000	20.91	Wake	Construct bike lanes to improve safety and connectivity.
B191730		Sunset Lake Rd	Brackenridge Ln	Lake Flower Dr	This project will extend a sidewalk along the east side of Sunset Lake Rd to provide access for the surrounding residential areas to Sunset Lake, the shopping center, and a private school. Two sections of sidewalk totaling approximately 1,400 feet in length will be added to connect existing sidewalk, along with a 435 foot pedestrian bridge across Middle Creek. The pedestrian bridge will be parallel to the existing Sunset Lake Road bridge that is too narrow for pedestrians to safely walk across.	7 - Protected Linear Pedestrian Facility (Pedestrian)	\$ 909,000	20.9	Wake	Construction of sidewalks and new pedestrian bridge will increase connectivity, reduce facility deficiencies, and increase safety. The sidewalk and pedestrian bridge will increase the safety of pedestrians in this area traveling between neighborhoods, shopping, and the school, as the existing Sunset Lake Road bridge that is too narrow for pedestrians to safely walk across.
B191717		N Main St/GB Alford Hwy	Bennet Knoll Pkwy	Arbor Creek Dr	Addition of two new sidewalks leading to Ting Park to improve pedestrian access and continuity. One section will be a 5 foot sidewalk approximately 1,125 feet in length on N Main St from Arbor Creek Dr to Trellis Pointe, connecting to existing sidewalk on both ends. The other sidewalk will be 10 feet wide along GB Alford Hwy (NC 55) leading from Holly Springs Towne Center via Bennet Knoll Pkwy and connecting to Sportsmanship Way at Ting Park. The 10 foot sidewalk will cross GB Alford Hwy through an existing unpaved underpass.	7 - Protected Linear Pedestrian Facility (Pedestrian)	\$ 357,000	17.3	Wake	Building new sidewalk will reduce connectivity issues, provide continuity, and increase safety. The existing underpass will provide pedestrians a safe grade-separated crossing of NC 55, connecting Ting Park to the shopping center and residential neighborhoods.
B191646		Beaver Creek Greenway (Phases III & IV)	Apex Nature Park	American Tobacco Trail	Construct greenway through Apex Nature Park to American Tobacco Trail.	2 - Off-Road/Separated Linear Bicycle Facility (Bicycle)	\$ 6,800,000	16.88	Wake	Construct greenway through Apex Nature Park to American Tobacco Trail.

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B191763		Avent Ferry Road	Hollymont Dr.	Holly Meadow Dr. (east)	This project will complete the proposed Avent Ferry Rd. sidewalk connection with 2000' of concrete sidewalk on the north side of Avent Ferry Rd. from Hollymont Dr. to Holly Meadow Dr. (east). This is the middle phase of the proposed 3 phase Avent Ferry Rd. sidewalk.	7 - Protected Linear Pedestrian Facility (Pedestrian)	\$ 620,000	16.12	Wake	Construction of new sidewalk will increase connectivity and safety for the described area. The sidewalk will provide access and improve pedestrian safety for surrounding residential communities along Avent Ferry Rd. When all phases are complete, the sidewalk will provide pedestrian access to 3 schools, many more residential neighborhoods, the shopping centers on the NC 55 Bypass, and the future UNC Rex hospital.
B191756		Trotter Bluffs Dr.	Avent Ferry Rd.	Stable Ridge Dr.	Construct approximately 1400' of 5' wide sidewalk. This project will connect the proposed Avent Ferry Rd. sidewalk to the Utley Creek Greenway and Morgan Park Neighborhood sidewalk system via a concrete sidewalk along the southeast side of Trotter Bluffs Drive. It will also allow for direct pedestrian access to points of interest on the east side of NC 55 via the Utley Creek Greenway underpass.	7 - Protected Linear Pedestrian Facility (Pedestrian)	\$ 305,000	15.5	Wake	Construction of new sidewalk will increase connectivity and safety for the described area. The sidewalk will improve pedestrian safety and community connectivity with several residential neighborhoods, shopping centers, healthcare facilities, an elderly independent living center, a fire station, and several businesses.
B191713		Estes Ln	Horncliffe Way	Grigsby Ave	This project includes the addition of about 4,050 feet of new sidewalk on both sides of Estes Lane connecting to Horncliffe Way. The sidewalk will also continue on the north side of Grigsby Avenue connecting to existing sidewalk at Blooming Meadows Road and leading to Sugg Farm Park	7 - Protected Linear Pedestrian Facility (Pedestrian)	\$ 372,500	14.35	Wake	Building new sidewalk will reduce connectivity issues and increase safety. The sidewalk will improve pedestrian safety and community connectivity from the many residential areas to several greenways, Sugg Farm Park, Bass Lake Park, Womble Park, and the W.E. Hunt Recreation Center.
B191762		Avent Ferry Road	Holly Meadow Dr. (west)	Hollymont Dr.	This project will bridge the proposed Avent Ferry Rd. - Phase 1 and Avent Ferry Rd. - Phase 3 sidewalk projects with 900' of concrete sidewalk on the north side of Avent Ferry Rd. from Holly Meadow Dr. (west) to Hollymont Dr. This is the middle phase of the proposed 3 phase Avent Ferry Rd. sidewalk.	7 - Protected Linear Pedestrian Facility (Pedestrian)	\$ 295,000	12.4	Wake	Construction of new sidewalk will increase connectivity and safety for the described area. The sidewalk will provide access and improve pedestrian safety for surrounding residential communities along Avent Ferry Rd. When all phases are complete, the sidewalk will provide pedestrian access to 3 schools, many more residential neighborhoods, the shopping centers on the NC 55 Bypass, and the future UNC Rex hospital.
B191761		Avent Ferry Road	Long Bottom Trail	Holly Meadow Dr. (west)	This project will extend nearly 2000' of existing sidewalk on the north side of Avent Ferry Rd. at Long Bottom Trail to Holly Meadow Dr. (west). This is the westernmost phase of the proposed 3 phase Avent Ferry Rd. sidewalk.	7 - Protected Linear Pedestrian Facility (Pedestrian)	\$ 620,000	6.93	Wake	Construction of new sidewalk will increase connectivity and safety for the described area. The sidewalk will provide access and improve pedestrian safety for surrounding residential communities along Avent Ferry Rd. When all phases are complete, the sidewalk will provide pedestrian access to 3 schools, many more residential neighborhoods, the shopping centers on the NC 55 Bypass, and the future UNC Rex hospital.
		Big Branch Greenway	S Salem Street	US HWY 1 at Veridea SD Development	Construct greenway/ side path from South Salem Street to the Veridea SD Project including a CSX rail and US HWY 1 grade seperated crossing(s).	2. Multi-Use Path, Rail-Trail, Shared-Use Path, Overpass, Underpass (Bicycle)	\$ 8,268,000		Wake	Construct greenway/ side path from South Salem Street to the Veridea SD Project including a CSX rail and US HWY 1 grade seperated crossing(s).
	BO-2416	Tingen Road grade-separated crossing at CSX RR	Tingen Rd	CSX RR	Construct grade-separated bicycle and pedestrian crossing of the CSX RR tracks from Tingen Road to S. Salem Street	2. Multi-Use Path, Rail-Trail, Shared-Use Path, Overpass, Underpass (Bicycle)	\$ 328,000		Wake	Construct grade-separated bicycle and pedestrian crossing of the CSX RR tracks from Tingen Road to S. Salem Street

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		Bundle of Grade-Separated Bike/Ped crossings	Varies	Varies	Construct grade-separated bicycle and pedestrian crossing of E. Williams Street north of Technology Drive   Construct grade-separated bicycle and pedestrian crossing of W. Williams Street north of Upchurch Street and complete greenway connection   Construct grade-separated bicycle and pedestrian crossing of S. Salem Street north of Old US 1 in the vicinity of Pleasant Plains Elementary School   Replace bridge on Richardson Road (floods) and construct grade-separated bicycle and pedestrian crossing of Richardson Road for the Beaver Creek Greenway extension to the American Tobacco Trail	2. Multi-Use Path, Rail-Trail, Shared-Use Path, Overpass, Underpass (Bicycle)	\$ 2,860,800		Wake	Construct various grade-separated bicycle and pedestrian crossings
		Walnut Creek Greenway Ph 1A	Walker Street	Fenton Development	Approximately 1.25 miles of paved greenway (minimum 10' wide) with a grade-separation under NE Maynard Road	2. Multi-Use Path, Rail-Trail, Shared-Use Path, Overpass, Underpass (Bicycle)	\$ 7,900,000		Wake	Provide new connections throughout the corridor to the new large multiuse district at the Fenton Development and to Downtown Cary.
		Walnut Creek Greenway Ph 1A & 1B	Walker Street	Ivy Lane	Approximately 1.9 miles of paved greenway (minimum 10' wide) with a grade-separation under NE Maynard Road & under/over Cary Towne Blvd	2. Multi-Use Path, Rail-Trail, Shared-Use Path, Overpass, Underpass (Bicycle)	\$ 11,400,000		Wake	Provide new connections throughout the corridor to the new large multiuse district at the Fenton Development and to Downtown Cary. Another goal is to provide grade separated crossing of two heavily travelled and wide roads which are dangerous for pedestrians even at marked crosswalks.
		Reedy Branch Greenway	Kelly Road	New Hill Olive Chapel Rd	Construct gaps in the greenway from Kelly Road to terminus at Wake/ Chatham County crossing the American Tobacco Trail	2. Multi-Use Path, Rail-Trail, Shared-Use Path, Overpass, Underpass (Bicycle)	\$ 7,720,000		Wake	Construct gaps in the greenway from Kelly Road to terminus at Wake/ Chatham County crossing the American Tobacco Trail
B230519		Main St. Pedestrian Improvments	S Moore St	S Church St	Improve existing crossings with pedestrian signals and thermoplastic stripings on the roadway	7. Sidepath, Sidewalk (Pedestrian)	\$ 1,126,000		Johnston	While sidewalks are complete along both sides of Main St from Moore St to Central St, crossing improvements are needed at each intersection to some degree. Pedestrian signals are needed at all signalized intersections.  See Pedestrian Plan for more information.

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B230520		US 70 Crossings	US70/Shotwell Intersection	US70/S Robertson St Intersection	This includes pedestrian signals, crosswalk stripings, refuge islands in the median, RRFBs and lighting	8. Accessible Pedestrian Signals, Curb Ramp, Marked Crosswalk, Mid-Block Crossing, Pedestrian Hybrid Beacon, Pedestrian Signal, Rectangular Rapid Flashing Beacon, Lighting (Pedestrian)	\$ 496,000		Johnston	<p>While US 70 remains a significant barrier to pedestrian connectivity on both sides, multiple efforts are needed to make this corridor traversable by pedestrians. In addition to the numerous residences, businesses, and destinations on either side of US 70, this is a key corridor that is also being studied as part of the southern extension of bus rapid transit between Raleigh, Garner, and Clayton. Building on the recently completed US 70 pedestrian crossing at the Robertson St/Amelia Church Rd intersection, the following priorities for improving US 70 crossings include (see further detail in the map below):</p> <ul style="list-style-type: none"> <li>-US 70/E. Main St/Champion St intersection: With sidewalks complete to all four corners of the intersection and the funded sidewalk gap project along E. Main St to the north, this crossing would utilize the existing signalized intersection to connect the eastern edge of downtown with multiple businesses and neighborhoods to the southeast.</li> <li>-Shotwell Rd intersection: With existing sidewalk connectivity to the northeast corner (and see priority project #234 regarding connectivity to the southeast corner), this crossing would utilize the existing signalized intersection to connect multiple businesses and residential areas on either side of US 70.</li> <li>-Moore St intersection: With existing sidewalk connectivity to the northeast corner and the western edge of the downtown Clayton neighborhood grid, this crossing would connect numerous businesses and residences.</li> </ul> <p>See Pedestrian Plan for more information.</p>
B230433		Amelia Church Rd & Shotwell Rd Greenway Gaps	Amelia Church Rd/Verrazano Intersection	Shotwell Rd/US 70 Bus Intersection	Greenway segments along Little Creek, Amelia Church Rd, and Shotwell Rd	2. Multi-Use Path, Rail-Trail, Shared-Use Path, Overpass, Underpass (Bicycle)	\$ 2,794,000		Johnston	<p>Greenway segments along Little Creek, Amelia Church Rd, and Shotwell Rd provide important neighborhood connectivity on the southwest side of US 70, but they come short of connecting to the US 70 corridor. Two short links are needed - one in the Shotwell Rd area and one along Amelia Church Rd. Furthermore, additional greenway links could help significantly with neighborhood connectivity as well. See map notes on the following page. The image at the bottom of the page shows a cleared utility corridor that could link the existing greenway toward the Greenwood Dr neighborhood and US 70.</p> <p>See adopted Pedestrian Plan for more information.</p>

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B230600		Glen Laurel Road Pedestrian Improvements	Varies	Varies	Crosswalk stripings, filling gaps in the existing sidepath network, RRFB	2. Multi-Use Path, Rail-Trail, Shared-Use Path, Overpass, Underpass (Bicycle)	\$ 1,120,000		Johnston	<p>Key pedestrian improvements to this corridor are detailed on the following page, and include:</p> <ul style="list-style-type: none"> <li>• Creating formalized crosswalks</li> <li>• Filling gaps in the sidepath/shared use path network</li> <li>• Lowering the speed limit from 45 mph to 35 mph (additional traffic calming measures related to roadway design should be considered (such as strategic stop signs, narrowing lane widths))</li> </ul> <p>Options for installing Rectangular Rapid Flashing Beacons (RRFBs) along Glen Laurel Rd are highlighted in the map to the right. They elicit the highest increase in compliance of all the warning beacon enhancement options. A study of the effectiveness of going from a no-beacon arrangement to a two-beacon RRFB installation increased yielding from 18 percent to 81 percent. A four-beacon arrangement raised compliance to 88%. Additional studies of long term installations in Florida show little to no decrease in yielding behavior over time.</p> <p>See adopted Pedestrian Plan for more information.</p>
B230601		O'Neil St Pedestrian Improvements	W Stallings St	W Wilson St	High visibility crosswalks should be painted at each intersection, crosswalks across O'Neil St, curb extensions	8. Accessible Pedestrian Signals, Curb Ramp, Marked Crosswalk, Mid-Block Crossing, Pedestrian Hybrid Beacon, Pedestrian Signal, Rectangular Rapid Flashing Beacon, Lighting (Pedestrian)	\$ 156,000		Johnston	<p>Near Term Recommendations - costs below only reflect near-term improvements</p> <p>New curb ramps have been recently installed along much of this corridor. High visibility crosswalks should be painted at each intersection, and crosswalks across O'Neil St should be constructed, creating formal pedestrian crossings. Curb extensions, could be accomplished by using quick-build materials (such as paint and flexible delineators), or by constructing concrete extensions that would require additional drainage detail (higher cost).</p> <p>Longer Term Recommendations</p> <p>Within the current 60' wide O'Neil St right of way, a significantly improved pedestrian environment could be created with some investment, by doing the following:</p> <ul style="list-style-type: none"> <li>- Most of the O'Neil St sidewalks are older and are narrower than the 5' ADA standard width for sidewalks. Replace with 5-6' sidewalks.</li> <li>- Bury the utility poles - these utilize valuable real estate that could allow for greater flexibility in creating a bike/ped corridor that has a wide physical buffer with motor vehicle traffic.</li> <li>- O'Neil St currently has 28'-29' pavement width, leaving wide motor vehicle travel lanes at 14'-15' each for the two-lane cross-section. The curb should be modified to create standard 11' travel lanes, which will better match the desired posted speed limit of 25 mph, and allow for greater flexibility in creating a bike/ped corridor that has a wide physical buffer with motor vehicle traffic. This will also shorten the crossing distance for pedestrians crossing O'Neil St.</li> </ul>
B230451		Cobblestone to Clayton Community Center Greenway	Cobblestone	Little Creek Church WRF	Greenway segment from Cobblestone through the Little Creek Church WRF to the terminus of the CCC Greenway at NC 42	2. Multi-Use Path, Rail-Trail, Shared-Use Path, Overpass, Underpass (Bicycle)	\$ 1,380,000		Johnston	Complete the greenway segment from Cobblestone through the Little Creek Church WRF to the terminus of the CCC Greenway at NC 42. Approx 3000' all on town owned property.
B230449		Clayton Riverwalk extension to NC 42E	US70 Bus	Glen Laurel Rd	Extend the Clayton Riverwalk Greenway from the Sam's Branch WRF along the CAT property to the River Mews property	2. Multi-Use Path, Rail-Trail, Shared-Use Path, Overpass, Underpass (Bicycle)	\$ 1,126,000		Johnston	Extend the Clayton Riverwalk Greenway from the Sam's Branch WRF along the CAT property to the River Mews property. Approx 5000'. May require a ped crossing at NC 42 E and small gaps to be filled to connect with STIP greenway project from US 70 BUS to Glen Laurel Rd.
B230602		Parkview, Meadow View, High Gate Greenway Gap	Honeydew Way	Crawford Parkway	Complete the 100-250' foot gap of greenway to finish connection to the existing Mountains to Sea Trail.	2. Multi-Use Path, Rail-Trail, Shared-Use Path, Overpass, Underpass (Bicycle)	\$ 530,000		Johnston	Complete the 100-250' foot gap of greenway to finish connection to the existing Mountains to Sea Trail.



Potential Bicycle/Pedestrian Projects to Submit for SPOT 7 Scoring

SPOT ID	TIP	Route / Facility Name	From / Cross Street	To / Cross Street	Description	Specific Improvement Type	Cost to NCDOT	Division Needs Quantitative Score (SPOT 6) (Out of 50)	County(ies)	Primary Purpose
B230448		Clayton Community Center - Pedestrian Crossing	Shotwell Rd/Amelia Church Rd	Clayton Community Center	Correct the intersection and pedestrian crossings at Shotwell Road-Amelia Church Rd-Clayton Community Center to allow for a safe pedestrian crossing at the signal	8. Accessible Pedestrian Signals, Curb Ramp, Marked Crosswalk, Mid-Block Crossing, Pedestrian Hybrid Beacon, Pedestrian Signal, Rectangular Rapid Flashing Beacon, Lighting (Pedestrian)	\$ 695,000		Johnston	Correct the intersection and pedestrian crossings at Shotwell Road-Amelia Church Rd-Clayton Community Center to allow for a safe pedestrian crossing at the signal
B230603		Shotwell Pedestrian Improvements	US70 Bus/Shotwell Rd	Shotwell Rd/Amelia Church Rd	Complete sidewalk connection from the retirement home on Shotwell Rd to the sidewalk in or near the Lowe's Foods/Clayton Corners Shopping Center	7. Sidepath, Sidewalk (Pedestrian)	\$ 410,000		Johnston	Complete sidewalk connection from the retirement home on Shotwell Rd to the sidewalk in or near the Lowe's Foods/Clayton Corners Shopping Center. Approx 750'.
B231055		First Street Pedestrian Improvements - O'Neil to Robertson	O'Neil St	Robertson St	Fill in sidewalk gaps and striping	7. Sidepath, Sidewalk (Pedestrian)	\$ 2,460,000		Johnston	Make pedestrian improvements only the First Street corridor from O'Neil to Robertson as allowed by NCRR.
B230857		Stirrup Iron Creek/Mills Spring Greenway	Aviation Parkway	Carrington Mill Boulevard	Construct 10' asphalt/boardwalk greenway	2. Multi-Use Path, Rail-Trail, Shared-Use Path, Overpass, Underpass (Bicycle)	\$ 2,220,000		Wake	Construct 10-foot wide asphalt/boardwalk greenway from Aviation Parkway across Airport Boulevard with northern terminus extending to Carrington Mill Boulevard and connection spur to the future Triangle Bikeway. Project will require easement acquisition.

Potential Rail Projects to Submit for SPOT 7 Scoring

SPOT ID	Mode	TIP	Project Category	Route / Facility Name	From / Cross Street	To / Cross Street	Description	Specific Improvement Type	Cost to NCDOT	Statewide Mobility Quantitative Score (Out of 100)	Regional Impact Quantitative Score (Out of 70)	Division Needs Quantitative Score (Out of 50)	Primary Funding Region	Division(s)	MPO(s) / RPO(s)	County(ies)	Primary Purpose
R141698	Rail	P-5745	Statewide Mobility	NCRR/CSX S, NCRR/NS H	CSX Line at South West Street in downtown Raleigh, NC		Construction of grade separation on South West Street in Raleigh NC. Project also includes closure of the existing at-grade crossing at West Cabarrus Street (Crossing #735 488A).	3 - Highway-rail crossing improvement (point)	\$ 45,000,000	64.31	40.85	32.01	C	05	Capital Area MPO	Wake	Improve mobility and safety
New	Rail	P-5745	Statewide Mobility	NCRR/CSX S, NCRR/NS H	CSX Line at South West Street in downtown Raleigh, NC		Construction of grade separation on South West Street in Raleigh NC. Project also includes closure of the existing at-grade crossing at West Cabarrus Street (Crossing #735 488A). Includes \$25 million of non-NCDOT funds	3 - Highway-rail crossing improvement (point)	\$ 20,000,000				C	05	Capital Area MPO	Wake	Improve mobility and safety
R141699	Rail		Statewide Mobility	CSX S Line	CSX S-Line at Apex Peakway and Salem St in Apex, NC		Construction of grade separation at Apex Peakway near S. Salem Street in Apex NC. Project also includes closure of existing at-grade crossing of SR 1153 (Tingen Road) (Crossing # 630 696H).	3 - Highway-rail crossing improvement (point)	\$ 13,100,000	72.41	47.35	32.79	C	05	Capital Area MPO	Wake	Improve safety and mobility
R141700	Rail		Statewide Mobility	CSX S Line	CSX S-Line at Harris Road in Wake Forest, NC		Construction of grade separation on extension of SR 1931 (Harris Road) to Flathery Avenue in Wake Forest. Project also includes closure of existing at-grade crossing of Brick Street (Crossing # 630 582V).	3 - Highway-rail crossing improvement (point)	\$ 11,550,000	45.54	29.8	22.79	C	05	Capital Area MPO	Wake	Improve safety and mobility
R150039	Rail		Statewide Mobility	CSX S Line/NCDOT Capital Yard	CSX S Line at NCDOT Capital Yard in Raleigh, NC		Construction of NCDOT north Lead track extension towards grade separation with Capital Boulevard in Raleigh.	1 - Freight rail corridor improvement or construction (line)	\$ 4,500,000	7.19	6.39	7.19	C	05	Capital Area MPO	Wake	Increase capacity, safety and improve operations at rail yard
R150048	Rail		Statewide Mobility	CSX S Line	CSX S Line at Ligon Mill Road in Wake Forest, NC		Construction of grade separation at SR 2044 (Ligon Mill Road) and closure of existing at-grade crossing (Crossing # 630 598S) in Wake Forest.	3 - Highway-rail crossing improvement (point)	\$ 6,450,000	58.99	39.24	29.91	C	05	Capital Area MPO	Wake	Improve safety and mobility
R150051	Rail	P-5729	Statewide Mobility	CSX S Line	CSX S Line at Gresham Lake Road in Raleigh, NC Crossing # 630 602E		Construction of grade separation at SR 2013 (Gresham Lake Road) and closure of existing at-grade crossing (Crossing # 630 602E) in Raleigh.	3 - Highway-rail crossing improvement (point)	\$ 12,150,000	59.1	39.28	31.08	C	05	Capital Area MPO	Wake	To provide a safer crossing over the railroad for vehicles.
R150052	Rail		Statewide Mobility	NCRR/NS H Line, NCRR/CSX S Line	NCRR H Line at Powell Drive in Raleigh, NC		Construction of grade separation on realigned SR 1342 (Powell Drive) to SR 1658 (Youth Center Drive) and closure of existing Powell Drive at-grade crossing (Crossing # 630 650U) in Raleigh.	3 - Highway-rail crossing improvement (point)	\$ 44,700,000	67.6	42.9	32.14	C	05	Capital Area MPO	Wake	Improve safety and mobility
R150270	Rail		Statewide Mobility	NCRR/NS H Line, NCRR/CSX S Line	NCRR Line at Edwards Mill Rd in Raleigh, NC		Construction of grade separation on SR 3009 (Edwards Mill Road) extension and closure of SR 1657 (Nowell Road) existing at-grade crossing (Crossing # 630 654W) in Raleigh. Closure dependent on funding of either Edwards Mill Road or Corporate Center Drive.	3 - Highway-rail crossing improvement (point)	\$ 24,100,000	72.65	46.07	33.52	C	05	Capital Area MPO	Wake	Improve safety and mobility
R150271	Rail		Statewide Mobility	NCRR/NS H Line, NCRR/CSX S Line	NCRR H Line at Corporate Center Drive in Raleigh, NC		Construction of grade separation on Corporate Center Drive extension and closure of SR 1657 (Nowell Road) existing at-grade crossing (Crossing #630 654W) in Raleigh. Closure dependent on funding of either Edwards Mill Road or Corporate Center Drive.	3 - Highway-rail crossing improvement (point)	\$ 22,600,000	72.76	46.15	33.45	C	05	Capital Area MPO	Wake	Improve safety and mobility
R150715	Rail		Statewide Mobility	CSX S Line	CSX S Line at Wolfpack Lane in Raleigh, NC		Construction of grade separation at Wolfpack Lane and closure of existing at-grade crossing (Crossing # 630 609C). Project includes grade separation of Atlantic Avenue and Wolfpack Lane.	3 - Highway-rail crossing improvement (point)	\$ 11,050,000	53.45	34.94	29.15	C	05	Capital Area MPO	Wake	Improve safety and mobility
R150890	Rail		Statewide Mobility	NCRR/NS H Line	NCRR H Line between MP H 66.9 (Clegg) and MP H 73.1 (Fetner) in Morrisville and Cary.		Construction of second main track between MP H 66.9 (Clegg) and MP H 73.1 (Fetner) in Morrisville and Cary.	1 - Freight rail corridor improvement or construction (line)	\$ 20,000,000	14.26	11.95	14.26	C	05	Capital Area MPO	Wake	Improve mobility for freight

Potential Rail Projects to Submit for SPOT 7 Scoring

SPOT ID	Mode	TIP	Project Category	Route / Facility Name	From / Cross Street	To / Cross Street	Description	Specific Improvement Type	Cost to NCDOT	Statewide Mobility Quantitative Score (Out of 100)	Regional Impact Quantitative Score (Out of 70)	Division Needs Quantitative Score (Out of 50)	Primary Funding Region	Division(s)	MPO(s) / RPO(s)	County(ies)	Primary Purpose
R150891	Rail		Statewide Mobility	NCRR/NS H Line	NCRR H Line between MP H 81.0 (Boylan) and MP H 84.2 (S. Raleigh) in Raleigh.		Construction of second main track between MP H 81.0 (Boylan) and MP H 84.2 (S. Raleigh) in Raleigh.	1 - Freight rail corridor improvement or construction (line)	\$ 71,900,000	12.19	10.57	12.19	C	05	Capital Area MPO	Wake	Improve mobility for freight
R150892	Rail		Statewide Mobility	NCRR/NS H Line	NCRR H Line between MP H 85.4 (Bagwell) and MP H 90.4 (Auburn) in Garner.		Construction of second main track between MP H 85.4 (Bagwell) and MP H 90.4 (Auburn) in Garner.	1 - Freight rail corridor improvement or construction (line)	\$ 41,900,000	13.11	11.13	13.11	C	05	Capital Area MPO	Wake	Improve mobility for freight
R150893	Rail		Statewide Mobility	NCRR/NS H Line	NCRR H Line between MP H 94.0 (Wake) and MP H 100.0 (Pawhatan) near Clayton.		Construction of second main track between MP H 94.0 (Wake) and MP H 100.0 (Pawhatan) near Clayton.	1 - Freight rail corridor improvement or construction (line)	\$ 34,800,000	13.51	11.39	13.51	A	04	Capital Area MPO	Johnston	Improve mobility for freight
R151020	Rail		Statewide Mobility	NCRR/NS H Line, NCRR/CSX S Line	NCRR Line near NC State Fairgrounds in Raleigh, NC		Construction of crossover near MP H 74 in Raleigh.	2 - Freight rail facility improvement or construction (point)	\$ 6,000,000	6.67	5.34	6.67	C	05	Capital Area MPO	Wake	Improve mobility and capacity of corridor
R171486	Rail		Statewide Mobility	CSX SDS Line	CSX SDS Line at Morrisville Parkway in Cary, NC		Construction of grade separation of SR 3124 (Morrisville Parkway) and closure of existing at-grade crossing (Crossing # 926 247P) in Cary.	3 - Highway-rail crossing improvement (point)	\$ 23,450,000	50.02	32.19	25.02	C	05	Capital Area MPO	Wake	Improve safety and mobility
R171490	Rail		Statewide Mobility	CSX S Line	CSX S Line from MP 180 to MP 182 near New Hill, NC area to relocate existing switching facility from downtown Apex.		Construction of new automated switching facility from MP 180 to MP 182 near New Hill area to relocate existing manual switching facility from downtown Apex.	2 - Freight rail facility improvement or construction (point)	\$ 10,345,000	52.11	41.43	24.12	C	05	Capital Area MPO	Wake	Improve safety and relieve congestion
R171495	Rail		Statewide Mobility	CSX S Line	CSX S Line Construction of additional tracks south of downtown Apex, NC from MP 171.21 to MP 172.14.		Construction of additional track south of downtown Apex from MP 171.21 to MP 172.14.	1 - Freight rail corridor improvement or construction (line)	\$ 7,500,000	10.83	9.45	10.83	C	05	Capital Area MPO	Wake	Improve freight capacity
R171511	Rail		Statewide Mobility	NCRR/NS H Line	NCRR H-Line at Rush St, south of downtown Raleigh, NC		Construction of grade separation of SR-2683 (Rush Street) and closure of existing at-grade crossing (Crossing # 735 480V) in Raleigh.	3 - Highway-rail crossing improvement (point)	\$ 20,650,000	66.61	43.25	32.71	C	05	Capital Area MPO	Wake	Improve safety and mobility
R171514	Rail		Statewide Mobility	NCRR/NS H Line	NCRR H Line at New Rand Rd in Garner, NC		Construction of grade separation at SR 2562 (New Rand Road) and closure of existing at-grade crossing (Crossing #735 328L) in Garner.	3 - Highway-rail crossing improvement (point)	\$ 23,141,236	60.26	39.17	28.72	C	05	Capital Area MPO	Wake	Improve safety and mobility
R171515	Rail		Statewide Mobility	NCRR/NS H Line at Jones Sausage Rd	NCRR H Line at Jones Sausage Rd in Garner, NC		Construction of grade separation at SR 5220 (Jones Sausage Road) and closure of existing at-grade crossing (735 331U) in Garner.	3 - Highway-rail crossing improvement (point)	\$ 27,254,000	65.81	42.54	31.63	C	05	Capital Area MPO	Wake	Improve safety and mobility
R171516	Rail		Statewide Mobility	NCRR/NS H Line at Auburn-Knightdale Rd	NCRR H Line at Auburn-Knightdale Rd east of Garner, NC		Construction of grade separation of SR 2555 (Auburn-Knightdale Road) and closure of existing at-grade crossing (Crossing #735 336D) near Garner.	3 - Highway-rail crossing improvement (point)	\$ 22,150,000	58.1	37.13	26.84	C	05	Capital Area MPO	Wake	Improve safety and mobility
R171517	Rail		Statewide Mobility	NCRR/NS H Line	NCRR H Line at Guy Road east of Garner, NC		Construction of grade separation of SR 2558 (Guy Road) and closure of existing at-grade crossing (Crossing # 735 390W) in Garner.	3 - Highway-rail crossing improvement (point)	\$ 14,650,000	58.54	37.05	25.7	C	05	Capital Area MPO	Wake	Improve safety and mobility
R171520	Rail		Statewide Mobility	NCRR/NS H Line	SR 1901 (Powhatan Road) east of Clayton, NC		Construction of grade separation at SR 1901 (Powhatan Road) with NS/NCRR H Line and closure of existing at-grade crossing (Crossing # 735 410F) in Clayton.	3 - Highway-rail crossing improvement (point)	\$ 11,771,583	72.9	47.33	35.77	A	04	Capital Area MPO	Johnston	Improve safety and mobility
R171521	Rail		Statewide Mobility	CSX S Line	East Holding Ave in Wake Forest, NC		Construction of grade separation of E. Holding Avenue with CSX S Line and closure of existing at-grade crossing (Crossing #630 591U) in Wake Forest.	3 - Highway-rail crossing improvement (point)	\$ 14,450,000	45.15	29.43	24.33	C	05	Capital Area MPO	Wake	Improve safety and mobility
R171522	Rail		Statewide Mobility	CSX S Line	Elm St in Wake Forest, NC		Construction of grade separation of Elm Street and closure of existing at-grade crossing (Crossing #630 589T) in Wake Forest.	3 - Highway-rail crossing improvement (point)	\$ 16,550,000	51.08	33.59	27.81	C	05	Capital Area MPO	Wake	Improve safety and mobility
R171523	Rail		Statewide Mobility	CSX S Line	Bert Winston Rd north of Youngsville, NC		Construction of grade separation of SR 1133 (Bert Winston Road) and closure of existing at-grade crossing (Crossing #630 527V) north of Youngsville.	3 - Highway-rail crossing improvement (point)	\$ 20,350,000	47.68	30.57	25.48	C	05	Capital Area MPO	Franklin	Improve safety and mobility
R171524	Rail		Statewide Mobility	CSX S Line	Eric Medlin Rd near Franklinton, NC		Construction of grade separation of SR 1267 (Eric Medlin Road) and closure of existing at-grade crossing (Crossing #630 517P) near Franklinton.	3 - Highway-rail crossing improvement (point)	\$ 13,400,000	40.61	26.02	19.33	C	05	Capital Area MPO	Franklin	Improve safety and mobility

Potential Rail Projects to Submit for SPOT 7 Scoring

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R171526	Rail		Statewide Mobility	CSX S Line	CSX S Line at Old Apex Road in Cary, NC		Construction of grade separation of Old Apex Road and closure of existing at-grade crossing (Crossing # 630 669L) in Cary.	3 - Highway-rail crossing improvement (point)	\$ 12,550,000	64.97	43	33.72	C	05	Capital Area MPO	Wake	Improve safety and mobility
R171527	Rail		Statewide Mobility	CSX S Line	CSX S Line at High House Road in Cary, NC		Construction of grade separation of High House Road and closure of existing at-grade crossing (Crossing # 643 399C) in Cary.	3 - Highway-rail crossing improvement (point)	\$ 18,900,000	59.41	38.49	30.07	C	05	Capital Area MPO	Wake	Improve safety and mobility
R171529	Rail	P-5746	Statewide Mobility	CSX S Line	CSX S Line at SW Cary Parkway in Cary, NC		Construction of grade separation of SR 3977 (SW Cary Parkway) and closure of existing at-grade crossing (Crossing # 643 702W) in Cary.	3 - Highway-rail crossing improvement (point)	\$ 25,200,000	82.1	56.96	37.68	C	05	Capital Area MPO	Wake	Improve safety and mobility
R171531	Rail		Statewide Mobility	CSX S Line	CSX S Line at Laura Duncan Rd in Cary, NC		Construction of grade separation of SR 1308 (Laura Duncan Road) and closure of existing at-grade crossing (Crossing # 630 689X) in Apex.	3 - Highway-rail crossing improvement (point)	\$ 17,400,000	58.22	38.14	28.77	C	05	Capital Area MPO	Wake	Improve safety and mobility
R171627	Rail		Regional Impact	NS NS & VF Lines	Passenger Rail service from the Fayetteville Train Station to Raleigh Union Station		Construction of timber and surfacing rail improvements for passenger rail service on existing Norfolk Southern NS and VF Lines from Fayetteville to Raleigh through Lillington and Fuquay-Varina.	5 - Passenger rail service (line)	\$ 100,908,000	N/A	17.15	13.14	C	05, 06	Capital Area MPO, Mid-Carolina RPO, Fayetteville Area MPO	Wake, Harnett, Cumberland	This service provides an alternative mode of transportation between Fayetteville and Raleigh, also serving Fort Bragg and Harnett County. This should help relieve congested corridors such as I-95 and US 401.
R171628	Rail		Regional Impact	CSX A, CSX SE, NCRR/NS H	This provides passenger rail originating in Fayetteville passing through Harnett County into Selma, then terminating in Raleigh.		Construction and implementation of Southeastern North Carolina Passenger Rail Service section between Raleigh and Fayetteville. Service to run from Raleigh to Wilmington via Selma and Fayetteville using the NCRR/NS H Line, CSX A Line and CSX SE Line.	5 - Passenger rail service (line)	\$ 910,400,000	N/A	11.02	7.18	C	05, 04, 06	Capital Area MPO, Upper Coastal Plain RPO, Mid-Carolina RPO	Wake, Johnston, Harnett, Cumberland	This passenger service provides an alternative mode of transportation between Fayetteville and Raleigh and relieves congestion on Highway Routes such as US 401, US 301, and I-95.

Potential Rail Projects to Submit for SPOT 7 Scoring

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R192005	Rail		Regional Impact	SE Corridor Passenger Project- Wake Forest to Henderson (CSX S Line)	Corridor will connect Wake Forest and Henderson, possibly passing through the City of Franklinton.		This corridor project will include the following: ROW purchases for segments needed to build infrastructure between Wake Forest and Henderson; Track construction- Segments P, Q, R,S, & T from updated Richmond to Raleigh ISDP; Grade separations, closings, and associated highway improvements; New signal system for 79 mph or 110 mph operations; and improvement or construction of platform in Henderson.	5 - Passenger rail service (line)	\$ 130,000,000	N/A	36.4	20.3	C	05	Kerr-Tar RPO, Capital Area MPO	Vance, Franklin, Wake	The restored line(s) can be used to access areas of potential freight economic development. This line will also provide future passenger service to Henderson and surrounding communities as it restores S-Line service from Raleigh to Petersburg, VA.
R192701	Rail		Regional Impact	NCCR/NS H Line	Extend Piedmont Passenger rail from Raleigh to Selma.		Infrastructure to facilitate extension of Piedmont service from Raleigh to Selma	5 - Passenger rail service (line)	\$ 62,000,000	N/A	26.74	15.81	C	05, 04	Capital Area MPO, Upper Coastal Plain RPO	Wake, Johnston	To extend passenger rail service into the fast growing region in Johnston County.
R192702	Rail		Regional Impact	NCCR/NS H Line	Extend passenger rail service from Raleigh to Selma to Goldsboro		Infrastructure to facilitate extension of Piedmont service from Raleigh to Goldsboro	5 - Passenger rail service (line)	\$ 182,000,000	N/A	25.15	15.76	C	05, 04	Capital Area MPO, Upper Coastal Plain RPO, Eastern Carolina RPO	Wake, Johnston, Wayne	To extend passenger rail services for commuters connecting to metropolitan regions while connecting to Smithfield/Selma.
R192772	Rail		Statewide Mobility	NS VF Line	NS VF Line - SW Judd Parkway		Construction of grade separation on SR 6108 (SW Judd Parkway) and closure of existing at-grade crossing (Crossing # 959 203G) in Fuquay Varina.	3 - Highway-rail crossing improvement (point)	\$ 38,700,000	43	27.4	23.89	C	05	Capital Area MPO	Wake	Improve safety and mobility
R192773	Rail		Statewide Mobility	NS VF Line	NS VF Line -Norfolk Southern Line at Wagstaff Road southwest of in Fuquay-Varina		Construction of grade separation at SR 1100 (Wagstaff Road) and closure of existing at-grade crossing (Crossing # 465 831V) in Fuquay Varina.	3 - Highway-rail crossing improvement (point)	\$ 15,250,000	38.77	24.63	19.12	C	05	Capital Area MPO	Wake	Improve safety and mobility
R192774	Rail		Statewide Mobility	NS VF Line	Piney-Grove Rawls Road south of Fuquay-Varina		Construction of grade separation of Piney-Grove Rawls Rd and closure of existing at-grade crossing (Crossing # 465 836E) south of Fuquay Varina.	3 - Highway-rail crossing improvement (point)	\$ 16,250,000	49.25	32.44	26	C	06	Capital Area MPO	Harnett	Improve safety and mobility
R192775	Rail		Statewide Mobility	NS VF Line	Rawls Church Road near Angier		Construction of grade separation at Rawls Church Road and closure of existing at-grade crossing (Crossing # 465 837L) near Angier.	3 - Highway-rail crossing improvement (point)	\$ 16,250,000	41.11	25.84	21.54	C	06	Capital Area MPO	Harnett	Improve safety and mobility
R192776	Rail		Statewide Mobility	NS VF Line	Spence Mill Rd near Angier		Construction of grade separation at Spence Mill Rd and closure of existing at-grade crossing (Crossing # 465 838T) near Angier.	3 - Highway-rail crossing improvement (point)	\$ 13,250,000	25.69	15.29	16.46	C	06	Capital Area MPO	Harnett	Improve safety and mobility

Potential Rail Projects to Submit for SPOT 7 Scoring

SPOT ID	Mode	TIP	Project Category	Route / Facility Name	From / Cross Street	To / Cross Street	Description	Specific Improvement Type	Cost to NCDOT	Statewide Mobility Quantitative Score (Out of 100)	Regional Impact Quantitative Score (Out of 70)	Division Needs Quantitative Score (Out of 50)	Primary Funding Region	Division(s)	MPO(s) / RPO(s)	County(ies)	Primary Purpose
R192777	Rail		Statewide Mobility	NS VF Line	Chalybeate Road near Angier		Construction of grade separation at Chalybeate Road and closure of existing at-grade crossing (Crossing # 465 841B) near Angier.	3 - Highway-rail crossing improvement (point)	\$ 16,250,000	42.5	27.22	21.8	C	06	Capital Area MPO	Harnett	Improve safety and mobility
R192778	Rail		Statewide Mobility	NS VF Line	US 401 just north of Lafayette School Rd west of Angier		Construction of grade separation of US 401 and closure of existing at-grade crossing (Crossing #465 843P) west of Angier.	3 - Highway-rail crossing improvement (point)	\$ 17,750,000	55.56	36.94	30.07	C	06	Capital Area MPO	Harnett	Improve safety and mobility
R192779	Rail		Statewide Mobility	NS VF Line	Lafayette School Rd near Angier		Construction of grade separation at Lafayette School Rd and closure of existing at-grade crossing (Crossing # 465 845D) near Angier.	3 - Highway-rail crossing improvement (point)	\$ 24,450,000	42.8	27.2	22.81	C	06	Capital Area MPO	Harnett	Improve safety and mobility
R192780	Rail		Statewide Mobility	NS VF Line	SR 1443 (Lafayette Rd) south of Fuquay-Varina		Construction of grade separation at SR 1443 (Lafayette Rd) and closure of existing at-grade crossing (Crossing # 465 846K) in Fuquay-Varina, Harnett County.	3 - Highway-rail crossing improvement (point)	\$ 24,450,000	37.31	24	20.86	C	06	Capital Area MPO	Harnett	Improve safety and mobility
R192781	Rail		Statewide Mobility	NS VF Line	SR 2215 (Harnett Central Rd) in Kipling, Harnett County		Construction of grade separation at SR 2215 (Harnett Central Rd) with NS and closure of existing at-grade crossing (Crossing # 960 078T) in Kipling, Harnett County.	3 - Highway-rail crossing improvement (point)	\$ 16,250,000	41.35	26.38	21.56	C	06	Capital Area MPO	Harnett	Improve safety and mobility
R192782	Rail		Statewide Mobility	NS VF Line	SR 1437 (Ballard Rd), Harnett County		Construction of grade separation at SR 1437 (Ballard Rd) and closure of existing at-grade crossing (Crossing # 465 853V) in Harnett County	3 - Highway-rail crossing improvement (point)	\$ 13,250,000	36.06	22.8	18.52	C	06	Capital Area MPO	Harnett	Improve safety and mobility
R192783	Rail		Statewide Mobility	NS VF Line	US 401 west of Matthews Rd, north of Lillington, Harnett County		Construction of grade separation at US 401 and closure of existing at-grade crossing (Crossing # 465 856R) north of Lillington in Harnett County	3 - Highway-rail crossing improvement (point)	\$ 24,950,000	54.87	36.26	30.38	C	06	Capital Area MPO	Harnett	Improve safety and mobility
R192787	Rail		Statewide Mobility	CSX A Line	SR 1330 (Raleigh Road) northeast of Benson, NC		Construction of grade separation at SR 1330 (Raleigh Road) and closure of existing at-grade crossing (Crossing # 629 730R) in Johnston County	3 - Highway-rail crossing improvement (point)	\$ 16,250,000	61.32	38.44	26.32	A	04	Capital Area MPO	Johnston	Improve safety and mobility
R192788	Rail		Statewide Mobility	CSX A Line	SR 1354 (Camelia Rd) northeast of Benson, NC		Construction of grade separation at SR 1354 (Camelia Rd) and closure of existing at-grade crossing (Crossing # 629 729W) in Johnston County	3 - Highway-rail crossing improvement (point)	\$ 16,250,000	48.66	30.5	21.09	A	04	Capital Area MPO	Johnston	Improve safety and mobility
R192789	Rail		Statewide Mobility	CSX A Line	SR 1353 (Olivers Grove Rd) northeast of Benson, NC		Construction of grade separation at SR 1353 (Olivers Grove Rd) and closure of existing at-grade crossing (Crossing# 629 728P) in Johnston County	3 - Highway-rail crossing improvement (point)	\$ 16,250,000	51.81	32.6	22.3	A	04	Capital Area MPO	Johnston	Improve safety and mobility
R192790	Rail		Statewide Mobility	CSX A Line	SR 1166 (Parkertown Rd) northeast of Benson, NC		Construction of grade separation at SR 1166 (Parkertown Rd) and closure of existing at-grade crossing (Crossing # 629 727H) in Johnston County	3 - Highway-rail crossing improvement (point)	\$ 16,250,000	45.27	27.65	20.53	A	04	Capital Area MPO	Johnston	Improve safety and mobility
R192791	Rail		Statewide Mobility	CSX S Line	SR 1149 (Friendship Rd) in Friendship, southwest of Apex, NC		Construction of grade separation at SR 1149 (Friendship Rd) and closure of existing at-grade crossing (Crossing # 630 706L) in Friendship, Wake County	3 - Highway-rail crossing improvement (point)	\$ 19,000,000	52.62	33.48	22.59	C	05	Capital Area MPO	Wake	Improve safety and mobility
R192792	Rail		Statewide Mobility	CSX S Line	East Whitaker Mill Rd east of Wake Forest Rd in Raleigh, NC		Construction of grade separation East Whitaker Mill Rd and closure of existing at-grade crossing (Crossing # 630 613S) in Raleigh	3 - Highway-rail crossing improvement (point)	\$ 4,100,008	64.51	42.89	32.04	C	05	Capital Area MPO	Wake	Improve safety and mobility
R192793	Rail		Regional Impact	CSX S Line	Extension of existing Piedmont service along S-Line to Franklinton, NC		Upgrade existing corridor and extend service from Raleigh to Franklinton with two trains each direction daily on the CSX S Line	5 - Passenger rail service (line)	\$ 360,000,000	N/A	23.05	14.04	C	05	Capital Area MPO	Franklin, Wake	Improve mobility
R192794	Rail		Regional Impact	CSX S Line	New passenger service along S-Line from Sanford to Franklinton, NC.		Upgrade existing corridor and create new passenger service along CSX S Line from Sanford to Franklinton,NC, service including two trains each direction daily	5 - Passenger rail service (line)	\$ 760,000,000	N/A	11.97	8.49	C	05, 08	Capital Area MPO, Triangle Area RPO	Franklin, Wake, Chatham, Lee	Improve mobility

Potential Rail Projects to Submit for SPOT 7 Scoring

SPOT ID	Mode	TIP	Project Category	Route / Facility Name	From / Cross Street	To / Cross Street	Description	Specific Improvement Type	Cost to NCDOT	Statewide Mobility Quantitative Score (Out of 100)	Regional Impact Quantitative Score (Out of 70)	Division Needs Quantitative Score (Out of 50)	Primary Funding Region	Division(s)	MPO(s) / RPO(s)	County(ies)	Primary Purpose
R192921	Rail		Regional Impact	CSX AA, ABC, AB, A, NCR/NS H	Imperial Tobacco Site to Raleigh Union Station		Construct and upgrade rail facilities necessary to support passenger rail services to and from Raleigh. Connection should be made via Rocky Mount Station. Implement a proposed (3) roundtrips a day AM, mid-day and PM.	5 - Passenger rail service (line)	\$ 400,000,000	N/A	5.89	6.75	C	05, 04, 02	Capital Area MPO, Upper Coastal Plain RPO, Rocky Mount Urban Area MPO	Wake, Johnston, Wilson, Nash	To increase connectivity between the eastern and capital regions of North Carolina
New	Rail		Regional Impact				Upgrade infrastructure to support new passenger service from Charlotte to Washington, DC via the NS Main Line, NCR/NC Line, and the S Line.	5 - Passenger rail service (line)						5,7,9,10	CRTPO, Cabarrus-Rowan, High Point, Greensboro, Burlington-Graham, DCHC, CAMPO, Kerr-Tar		
New	Rail		Regional Impact				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 - Passenger rail service (line)						5,7,9	CAMPO, DCHC, Burlington-Graham, Greensboro, Winston-Salem		
New	Rail		Regional Impact				Upgrade rail infrastructure to support new passenger service from Wilmington to Raleigh via Goldsboro. Project includes necessary infrastructure, stations, and passenger equipment to begin service with three roundtrips per day.	5 - Passenger rail service (line)						3,4,5	CAMPO, Upper Coastal, Goldsboro, East Carolina, Cape Fear, Wilmington Area MPO		
New	Rail		Regional Impact				Upgrade rail infrastructure to support new passenger service from Wilmington to Raleigh via Fayetteville and Pembroke. Project includes necessary infrastructure, stations, and passenger equipment to begin service with three roundtrips per day.	5 - Passenger rail service (line)						3,4,5,6	CAMPO, Upper Coastal, Mid-Carolina, Fayetteville, Lumber River, Cape Fear, Wilmington Area MPO		
New	Rail		Regional Impact				Upgrade rail infrastructure to support new passenger service from Raleigh to Hamlet on the NCR/NC Line and CSX S Line. Project includes necessary infrastructure, stations, and passenger equipment to begin service with three roundtrips per day.	5 - Passenger rail service (line)						5,8	CAMPO, Triangle, Lumber River		
New	Rail		Regional Impact				Upgrade rail infrastructure to support new passenger service from Raleigh to Southern Pines on the NCR/NC Line and CSX S Line. Project includes necessary infrastructure, stations, and passenger equipment to begin service with three roundtrips per day.	5 - Passenger rail service (line)						5,8	CAMPO, Triangle		
New	Rail		Regional Impact				Upgrade rail infrastructure to support new passenger service from Morehead City to Raleigh on the NCR/NC Line. Project includes necessary infrastructure, stations, and passenger equipment to begin service with three roundtrips per day.	5 - Passenger rail service (line)						2,4,5	CAMPO, Upper Coastal, East Carolina, Goldsboro, Down East, New Bern		
New	Rail		Regional Impact				Upgrade rail infrastructure to support new passenger service from Greenville to Raleigh via Wilson on the NS Line. Project includes necessary infrastructure, stations, and passenger equipment to begin service with three roundtrips per day.	5 - Passenger rail service (line)						2,4,5	CAMPO, Upper Coastal, East Carolina, Mid-East, Greenville		
New	Rail		Regional Impact				Upgrade rail infrastructure to support new passenger service from Raleigh to Weldon on the NCR/NC Line and CSX A Line. Project includes necessary infrastructure, stations, and passenger equipment to begin service with three roundtrips per day.	5 - Passenger rail service (line)						1,4,5	CAMPO, Upper Coastal Plain, Rocky Mount, Peanut Belt		

Potential Rail Projects to Submit for SPOT 7 Scoring

SPOT ID	Mode	TIP	Project Category	Route / Facility Name	From / Cross Street	To / Cross Street	Description	Specific Improvement Type	Cost to NCDOT	Statewide Mobility Quantitative Score (Out of 100)	Regional Impact Quantitative Score (Out of 70)	Division Needs Quantitative Score (Out of 50)	Primary Funding Region	Division(s)	MPO(s) / RPO(s)	County(ies)	Primary Purpose
New	Rail		Statewide Mobility	NCRR/CSX S, NCRR/NS H	CSX Line at West Cabarrus in downtown Raleigh		Construction of bicycle & pedestrian grade separation on West Cabarrus St in Raleigh NC. Project also includes closure of the existing at-grade crossing at West Cabarrus Street (Crossing #735 488A).	3 - Highway-rail crossing improvement (point)	\$ 8,000,000				C	05	Capital Area MPO	Wake	Improve mobility and safety



Potential Roadway Corridor Projects to Submit for SPOT 7.0 Scoring

SPOT ID	TIP Number	MTP ID	Project Name	Description	Project From	Project To	Existing_Lanes	Proposed_Lanes	Distance	Approved_Horizon_Year	Proposed_Improvement	Cost to NCDOT	STI_Category
H171877		F86*	Capital Blvd - Corridor Upgrades	Upgrade corridor to reflect improvements in latest City of Raleigh Corridor Study with Managed Motorways components	I-440	US 401	0	0	5.25	2040	Corridor Upgrades	\$ 546,800,000	Statewide Mobility
H171876		F86*	Capital Blvd - Corridor Upgrades	Upgrade corridor to reflect improvements in latest City of Raleigh Corridor Study with Managed Motorways components	US 401	I-540	0	0	5.25	2040	Corridor Upgrades	\$ 621,500,000	Statewide Mobility
H171549		F85	I-540 Managed Shoulder	Implement managed motorways along corridor and 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).	I-40	US 1	0	2	7.72	2040	TSM	\$ 39,440,000	Statewide Mobility
H192752		F84	I-540 Managed Shoulder	Implement managed motorways along corridor and 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).	US 70	I-87	0	2	18.1	2040	TSM	\$ 114,545,000	Statewide Mobility
H171558		A639b	I-87 / I-495 Bypass Widening	Widen Freeway	I-440	Wendell Falls Pkwy	6	8	9.73	2040	Widening	\$ 203,700,000	Statewide Mobility
H192754		F44c	I-40 (East)	Widen Freeway	NC 42	NC 210	4	6	6.78	2040	Widening	\$ 165,800,000	Statewide Mobility
H193266		A98*	NC 55 Bypass	Widen roadway from 4 to 6 lane superstreet with ITS improvements	South Main Street	SR 1152 (Holly Springs Road)	4	6	1.6	2040	Widening	\$ 13,000,000	Regional Impact
H193265		A98*	NC 55 Bypass	Widen roadway from 4 to 6 lane superstreet with ITS improvements	South Main Street	NC 540	4	6	2.81	2040	Widening	\$ 48,000,000	Regional Impact
H192755		A228a*	NC 50	Widen to 4 lane superstreet	Timber Dr	Rand Road	2	4	2.12	2040	Widening	\$ 47,100,000	Regional Impact
H192756	FS-1005B	A221	NC 54	Widen to 4 lane superstreet with ITS improvements	NW Maynard Rd	Cary Parkway	2	4	0.93	2040	Widening	\$ 27,900,000	Regional Impact
H192757	FS-1005B	A222b	NC 54	Widen to 4 lane superstreet with ITS improvements	Weston Parkway	Perimeter Park Dr	2	4	2.4	2040	Widening	\$ 52,400,000	Regional Impact
H192759		A150*	NC 98	Widen to 4 lane superstreet	SR 1831 (Old Creedmoor Rd)	Six Forks Rd	2	4		2040	Widening	\$ 35,500,000	Regional Impact
H192808		Grnv20b	NC 56	Widen to 4 lane superstreet	West of Railroad	Southeast of Holly Drive	2	4		2050	Widening		Regional Impact
H192766		Jhns4a1	North Connector	Construct 2 lane superstreet on new location	NC 42 East	Covered Bridge Rd	0	2	2.33	2040	New Location	\$ 28,300,000	Division Needs
H192765			NC 210	Modernize Roadway and Improve Intersections	NC 55	Lipscomb Rd	2	2	8		Modernization	\$ 4,000,000	Regional Impact

Potential Roadway Corridor Projects to Submit for SPOT 7.0 Scoring

SPOT ID	TIP Number	MTP ID	Project Name	Description	Project From	Project To	Existing_Lanes	Proposed_Lanes	Distance	Approved_Horizon_Year	Proposed_Improvement	Cost to NCDOT	STI_Category
H090824-A		A166	Ten Ten Road	Widen to 4 lanes superstreet	Apex Peakway	Reliance Ave	2	4		2040	Widening		Division Needs
H090824-B		A114b	Ten Ten Road	Widen to 4 lanes superstreet	Reliance Ave	Kildaire Farm Road	2	4		2040	Widening		Division Needs
New	U-5307 B/C	F11-1b/c/d	US 1 North	Upgrade to Freeway - include Richland Creek Greenway crossing (STV)	Durant	NC 98	4	6		2040	Widening	\$ 321,601,000	Statewide Mobility
New		Hrnt2a	NC 210	Widen to add center turn lane from NC 55 (Raleigh Street) to Angier Western Bypass	NC 55 (Raleigh Street)	Angier Western Bypass	2	3		2050	CTL		Regional Impact
H184366			US 70 (Glenwood)	Upgrade corridor to Superstreet corridor	Millbrook	Creedmoor Rd	6	6			Superstreet		Statewide Mobility
New		Jhns3	South Connector	Construct 2 lane road on new location	NC 42 East/Barber Mill Rd	Ranch Rd	0	2		2050	New Location		Division Needs
New		A406b	Amelia Church Rd	Widen to 4 lane superstreet	NC 42	US 70 BUS	2	4		2050	Widening		Division Needs
New		A143b	White Oak / Cornwallis Rd	Widen to 4 lane superstreet	NC 540	NC 42	2	4		2050	Widening		Division Needs
H171611		A448	SR 1005 (Six Forks Rd)	Widen to six lanes with additional improvements south of Ramblewood Dr	Rowan St	Lynn Rd	4	6		2030	Widening	\$ 15,000,000	Division Needs
New		A755a	Buffalo Road	Widen Buffalo Road to 6 lane superstreet	I-540	Forestville Rd	4	6		2030	Superstreet		Statewide Mobility

H192769		Jhns13b	NC 42 (Future)	Widen to 4 lane superstreet	US 70 Bypass	US 70 Bus	2	4	1.96	2040	Widening	\$ 32,700,000	Regional Impact
H192761		A66a	O'Kelly Chapel Rd	Widen to 4 lanes, Town of Cary to contribute 80% funding	Green Level Church Rd	NC 55	2	4	1.21	2050		\$ 1,960,000	Division Needs
H193130			NC 55	Upgrade corridor to superstreet and construct grade separation at Jessie Dr	US 1	NC 540	4	6			Widening	\$ 35,900,000	Regional Impact
H192767		A426	NC 55 (Main St)	Widen to 4 lane divided	Holly Springs Rd	Technology Drive	2	4	2.79	2050	Widening	\$ 55,800,000	Regional Impact

Alternate Projects

Potential Interchange and Intersection Projects to Submit for SPOT 7.0 Scoring

SPOT ID	Project ID	Corridor	Corridor 2	Description	STI Category	Cost
H171604		I-440	US 64 Bus (New Bern Avenue)	Upgrade existing interchange to folded interchange concept on the existing structure	Statewide Mobility	\$ 23,100,000
H172192		I-540	SR 2215 (Buffaloe Road)	Improve interchange	Statewide Mobility	\$ 16,200,000
H192733		US 1 (Capital Blvd)	E Millbrook Rd/N New Hope Rd	Convert Signalized Intersection to Interchange	Statewide Mobility	\$ 88,800,000
H192734		US 1 (Capital Blvd)	New Hope Church Road / Buffalo Road	Convert Signalized Intersection to Interchange	Statewide Mobility	\$ 92,800,000
H192736		I/40	Cary Town Blvd & NC 54	Interchange Improvements on I-40 at NC 54 and Cary Town Blvd	Statewide Mobility	\$ 17,800,000
H192738		I-40	Rock Quarry Road	Interchange Improvements	Statewide Mobility	\$ 10,000,000
H184385		NC 55 (N Raleigh St)	N Broad St	Construct Roundabout	Regional Impact	\$ 2,800,000
H184375	A480a1	US 401	US 70 BUS	Intersection improvements	Statewide Mobility	\$ 26,700,000
H140491		NC 55 Bypass	SR 1152 (Holly Springs Road)	Upgrade existing at grade intersection to interchange.	Regional Impact	\$ 65,800,000
H150792		NC 96, US 1 Alternate	Holden Road	Construct roundabout at intersection of US Alt 1 and NC 96 on west side of Youngsville. Project is identified in CAMPO Northeast Area Study.	Regional Impact	\$ 3,200,000
H171610		NC 98	Six Forks Rd	Upgrade intersection, continuous flow intersection was recommended by NC 98 Corridor Study consultants	Regional Impact	\$ 3,800,000
H140492		NC 55 Bypass	SR 1144 (Main Street)	Upgrade existing at grade intersection to interchange.	Regional Impact	\$ 25,900,000
New		US 1 North	Burlington Mills Rd	Upgrade existing at grade intersection to interchange.	Statewide Mobility	TBD
New		US 1 North	Falls of Neuse Rd	Upgrade existing at grade intersection to interchange.	Statewide Mobility	TBD
H184395		NC 55 (N Raleigh St)	NC 210	Intersection improvements	Regional Impact	\$ 2,000,000
New		US 401		Intersection improvements at: SR 1414 (Piney Grove Rawls Road), SR 1415 (Rawls Church Road), SR 1441 (Chalybeate Springs Road), SR 1429 (Chalybeate Road - North), SR 1429 (Chalybeate Road - South), SR 1443 (Lafayette Road),	Regional Impact	
New	A114a	US 1	Ten Ten Road	Upgrade existing interchange (Project replaces CarryOver Project from SPOT 6)	Statewide Mobility	TBD
H150780		US 1	NC 55	Improve interchange to 6-lane DDI.	Statewide Mobility	
H192811		US 1 (Capital Blvd)	Spring Forest Road	Convert Signalized Intersection to Interchange	Statewide Mobility	\$ 93,700,000
H193168		NC 54	Airport Boulevard	Intersection improvements	Regional Impact	TBD
H192731		I-40	I-540	Construct access roads from each of I-540 interchange to Page Road	Statewide Mobility	\$ 73,000,000

**Potential Interchange and Intersection Projects to Submit for SPOT 7.0 Scoring**

CAMPO - Highway Projects

H192836		I-85	NC 56	Improve interchange ramps at NC 56 to provide better storage and turning movements to interstate	Statewide Mobility	\$ 14,100,000
H184387		I-540	Page Road	Construct ramp from I-540 to connect directly to Page Road	Statewide Mobility	\$ 16,000,000

Alternate Projects

Potential Operational Improvements and ITS Projects to Submit for SPOT 7.0 Scoring

SPOT ID	MTP ID	Corridor	From	To	Description	STI Category	SPOT Specific Improvement Type (SIT)	Cost
H192741	Hrnt4a	NC 55 Bus (N Raleigh St in Angier)	N Broad St	Lillington St	Implement complete streets treatment along Main Street from North Broad street to East Depot Street. Project includes the construction of a median, bike lanes, sidewalks, and roundabouts at intersections as shown int the Southwest Area Study Main street concept design.	Regional Impact	11 - Access Management	\$ 14,100,000
H150744		US 401	Judd Parkway	US 401, NC 55, NC 42 interchange east of town	Construct a median throughout the corridor with other access management improvements. Median is shown in the CAMPO 2040 MTP from Judd Parkway to the Five Points interchange east of town.	Regional Impact	11 - Access Management	\$ 18,800,000
H172068		Holly Springs Citywide Signal System			Upgrade existing infrastructure and install new fiber, controllers, signals, and other equipment as necessary.	Regional Impact	13 - Citywide Signal System	\$ 1,430,000
H192739		US 1	I-540	Harris Road	Implement Managed Freeways Improvements	Statewide Mobility	12 - Ramp Metering	\$ 51,700,000
New		Cary ITS Upgrade			Upgrade existing infrastructure, install new fiber, controllers, signals, connected vehicle technology and other equipment as necessary. Cary to provide \$4 million contribution	Regional Impact	13 - Citywide Signal System	\$ 15,000,000
H192740		I-40 & US 70 (Clayton Bypass)	NC 42	I-95	Implement Managed Freeways Improvements	Statewide Mobility	12 - Ramp Metering	61900000
H192813		NC-540 & NC 147 & US 64	I-40 (West)	US1	Implement Managed Freeways Improvements	Statewide Mobility	12 - Ramp Metering	TBD
H192814		NC-540	US 1	I-40 (East)	Implement Managed Freeways Improvements	Statewide Mobility	12 - Ramp Metering	TBD
		Alternate Projects						

Potential Transit Projects to Submit for SPOT 7 Scoring

SPOT ID	Mode	Project Category	Route / Facility Name	From / Cross Street	Description	Specific Improvement Type	Cost to NCDOT	Primary Funding Region	Division(s)	MPO(s) / RPO(s)	County(ies)	Primary Purpose
T170682	Public Transit	Division Needs	Johnston County Expansion Vehicle	The area of operation for expansion vehicle will be Johnston County.	Purchase 5 expansion vehicles to include 1 25' LTV	4 - Demand Response	\$ 369,000	A	04	Upper Coastal Plain RPO, Capital Area MPO	Johnston	The expansion vehicles will provide additional capacity to serve the citizens in the Johnston County Area.
T171711	Public Transit	Regional Impact	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.	2 - Mobility (route-specific) - Headway Reduction	\$ 136,810	C	05	Durham-Chapel Hill-Carrboro MPO, Capital Area MPO	Durham, Wake	To reduce headways to 15 minutes to provide more frequent and reliable service.
T172164	Public Transit	Division Needs	Downtown Raleigh Bus Stops	Downtown Raleigh	Upgrade existing bus stops in downtown Raleigh for GoRaleigh and GoTriangle routes	6 - Facility - Stop/Shelter	\$ 510,000	C	05	Capital Area MPO	Wake	Improve mobility and safety of regional transit services
T172165	Public Transit	Division Needs	GoRaleigh New Hope-Crabtree Route (24L) service	Bus service from New Bern Ave./New Hope Rd. area west to Blue Ridge Road area. (24L)	Purchase buses and associated shelters for new Crescent Loop route (New Bern/New Hope area to Blue Ridge). Includes purchase of 8 vehicles.	1 - Mobility (route-specific) - New Service	\$ 2,200,000	C	05	Capital Area MPO	Wake	Improve mobility for transit services.
T191778	Public Transit	Regional Impact	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.	2 - Mobility (route-specific) - Headway Reduction	\$ 684,050	C	05	Capital Area MPO, Durham-Chapel Hill-Carrboro MPO	Durham, Wake	Addition of two 40-foot buses per shift, generating a 5 minute headway reduction on the chief transit connection between Raleigh and Durham. The project will add additional trips to a heavily traveled GoTriangle fixed-route bus service, providing enhanced service to existing riders and attracting new riders to the bus system.
T191789	Public Transit	Regional Impact	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.	3 - Mobility (route-specific) - Extension	\$ 321,868	C	05	Capital Area MPO, Durham-Chapel Hill-Carrboro MPO	Wake, Durham	With new Wake Transit service improvements, an additional bus is needed to maintain the set frequency in order for Route 310 to be able to service the Cary Train Station. Project will improve connectivity and mobility allowing the route serving Wake Tech and West Cary to be extended to the Cary Train Station.
T191799	Public Transit	Regional Impact	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	2 - Mobility (route-specific) - Headway Reduction	\$ 684,050	C	05, 07	Capital Area MPO, Durham-Chapel Hill-Carrboro MPO	Wake, Durham, Orange	With increasing expansion in local routes in Chapel Hill and Raleigh, an increase in frequency is needed in Route CRX between downtown Chapel Hill and downtown Raleigh. A 5 minute headway reduction is proposed to accommodate growing demand and increase ridership.
T191826	Public Transit	Division Needs	GoCary Bus Stop Improvements	Multiple bus stop locations on up to five GoCary fixed routes (1,3,4,5,6).	Passenger amenity upgrades to existing bus stop locations on up to five GoCary fixed routes (1,3,4,5,6).	6 - Facility - Stop/Shelter	\$ 3,000,000	C	05	Capital Area MPO	Wake	Improve passenger amenities at selected bus stops. Ensure systemwide compliance with ADA accessibility at bus stop locations and install additional amenities (including but not limited to shelters, benches, trash receptacles, bicycle racks, and security lighting) at appropriate stops based on internal prioritization metrics.
T191861	Public Transit	Division Needs	Crabtree Valley Mall Transit Center	Crabtree Valley Mall (Raleigh)	Expansion of existing Crabtree Valley Mall Transit Center for growing demand and routes.	5 - Facility - Passenger Station	\$ 345,184	C	05	Capital Area MPO	Wake	Expanded facility to increase ridership and improve accessibility and connectivity of expanding bus routes in the area. Additional investments include new and upgraded passenger amenities.

Potential Transit Projects to Submit for SPOT 7 Scoring

SPOT ID	Mode	Project Category	Route / Facility Name	From / Cross Street	Description	Specific Improvement Type	Cost to NCDOT	Primary Funding Region	Division(s)	MPO(s) / RPO(s)	County(ies)	Primary Purpose
T191867	Public Transit	Division Needs	Midtown Transit Center (Not Currently in Existence)	Midtown Raleigh (near I-440 and Six Forks)	New transit facility in the Midtown area to serve existing and future bus routes.	5 - Facility - Passenger Station	\$ 4,000,000	C	05	Capital Area MPO	Wake	In coordination through the Wake Transit planning process, a transit center is planned for Midtown in Raleigh, near the North Hills shopping center and in proximity to I-440. The Midtown Transit Center will support transfers between transit routes, create opportunities to travel east ? west, and support expanding bus routes in the area.
T191874	Public Transit	Division Needs	Bundled Transit Centers	East Raleigh near New Hope Rd. and New Bern Ave., Triangle Town Center Mall, Crabtree Valley Mall, Midtown shopping center - Routes (15, 15L, 33)(1, 25L, 401X, NRX, WRX) (6, 16, 23L, 26, 27, 36, 70X) (8, 24L) (Raleigh)	New/Expansion of Existing Transit Center Facilities at key growth areas throughout the GoRaleigh transit system.	5 - Facility - Passenger Station	\$ 12,345,184	C	05	Capital Area MPO	Wake	The City of Raleigh is seeing rapid growth in population, especially close to downtown, and growth in transit ridership through the implementation of the Wake Transit Plan. Key mixed use growth areas in Raleigh have been identified as needing a transit center or upgrade to the existing transit center to serve growing ridership and the expansion of routes being implemented in those areas. Current bus stops in the areas are not all ADA compliant or able to serve the current and growing transit dem
T191884	Public Transit	Division Needs	Bundled Transfer Points through GoRaleigh System	Multiple transfer connection points on Routes (1, 2, 2L, 4, 5, 6L, 7, 9, 11, 12, 16, 23, 27, 31, 32, 40X) (Raleigh)	Enhanced Transfer Points for 9 existing bus stops in the GoRaleigh Transit System that have multiple connecting routes.	6 - Facility - Stop/Shelter	\$ 2,145,796	C	05	Capital Area MPO	Wake	Enhanced transfer points with new/additional passenger amenities to accommodate for growing demand and Wake Transit Plan expanding of routes.
T191889	Public Transit	Division Needs	GoRaleigh/GoWake Access Maintenance Facility	Raleigh (GoRaleigh / GoWake Access) replacement of facility	New Access Maintenance Facility for both GoRaleigh and GoWake system	9 - Facility - Maintenance	\$ 10,275,000	C	05	Capital Area MPO	Wake	New facility to replace the current facility and accommodate for the growing demand of new services provided by GoRaleigh and GoWake Access.
T191893	Public Transit	Division Needs	GoRaleigh Maintenance Facility Bus Bay Expansion	GoRaleigh Operations Center and Bus Maintenance Facility. 4104 Poole Road, Raleigh, NC 27610.	Construction of additional bus bays for GoRaleigh Bus Maintenance Facility	9 - Facility - Maintenance	\$ 2,900,000	C	05	Capital Area MPO	Wake	Additional bus bays to accommodate for the growing transit system, growing vehicle inventory and the new BRT system being added to GoRaleigh.
T191903	Public Transit	Division Needs	GoTriangle Bus Stop Improvements	Various bus stops in the GoTriangle system.	Construct approximately 125 bus stops with passenger amenities.	6 - Facility - Stop/Shelter	\$ 2,205,000	C	05	Capital Area MPO, Durham-Chapel Hill-Carrboro MPO	Wake, Durham	GoTriangle will design and construct approximately 125 bus stops to support future bus services in the region. This project will strive for systemwide compliance with ADA accessibility at bus stop locations and install additional passenger amenities.
T191904	Public Transit	Division Needs	GoTriangle- North Raleigh Park & Ride	I-540 and Falls of Neuse Rd	Construct a new park-and-ride facility with 100 parking spaces to serve local and express bus service.	7 - Facility - Park and Ride	\$ 2,500,000	C	05	Capital Area MPO	Wake	Improve mobility for regional transit by constructing a park and ride facility in North Raleigh. GoTriangle will build a new, approximately 100-space park-and-ride facility for use by GoTriangle NRX-North Raleigh Express service, which will provide weekday commuter service between Triangle Town Center and the Regional Transit Center (RTC) near Research Triangle Park.

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SPOT ID	Mode	Project Category	Route / Facility Name	From / Cross Street	Description	Specific Improvement Type	Cost to NCDOT	Primary Funding Region	Division(s)	MPO(s) / RPO(s)	County(ies)	Primary Purpose
T191905	Public Transit	Division Needs	GoTriangle West Raleigh Park & Ride	I-440 and Hillsborough St	Construct a new park-and-ride facility with 500 parking spaces including amenities such as enhanced shelters, large/small shelters, benches, lighting, trash bins, maps and cases, signage, an emergency phone, security cameras, bike storage, and/or ADA improvements.	7 - Facility - Park and Ride	\$ 2,500,000	C	05	Capital Area MPO	Wake	GoTriangle will build a new park-and-ride facility for GoTriangle routes operating throughout west Raleigh, providing a service amenity to those traveling to North Carolina State University, downtown Raleigh, RDU Airport, and the Regional Transit Center (RTC). The park-and-ride facility will primarily serve riders originating in western Raleigh, connecting people in the area with services existing and planned through the Wake Transit Plan vision.
T192080	Public Transit	Division Needs	GoTriangle Operations & Maintenance Facility	NE Wake County	Construct a new maintenance facility to serve approximately 150 vehicles	9 - Facility - Maintenance	\$ 24,475,700	C	05	Capital Area MPO	Wake	Increase mobility for regional transit by increasing efficiency in the GoTriangle system with a new maintenance facility in northeast Raleigh.
T192081	Public Transit	Division Needs	Expand and Renovate GoTriangle Operations & Maintenance Facility	5201 Nelson Rd, Morrisville	Expand & renovate existing existing GoTriangle Operations and Maintenance Facility	9 - Facility - Maintenance	\$ 3,150,750	C	05	Capital Area MPO	Wake	Expand and renovate GoTriangle Operations and Maintenance Facility that was originally constructed in 1998. Update site to have sufficient maintenance bays and administrative space to accommodate the growing regional bus system.
T192083	Public Transit	Division Needs	Apex Transfer Center	35.727092, -78.853693 S Salem St & Williams St	Construction of a new off street enhanced transfer point in downtown Apex to serve multiple agencies and existing and future transit routes.	5 - Facility - Passenger Station	\$ 435,480	C	05	Capital Area MPO	Wake	Construct a new off-street enhanced transfer facility to serve multiple agencies and routes. New transfer facility will improve the mobility and connectivity of regional transit services in the area. Additional amenities are proposed to include larger shelters, lighting, passenger information systems, public Wi-Fi, benches, trash cans, and/or bike racks.
T192916	Public Transit	Division Needs	Triangle Town Center to Garner Station BRT	BRT service along Capital Blvd and Wilmington St serving Raleigh and Garner.	Construct infrastructure and service from Triangle Town Center to Garner Station. New BRT lanes from downtown Raleigh to Triangle Town Center. Project includes 9 vehicles.	1 - Mobility (route-specific) - New Service	\$ 100,000,000	C	05	Capital Area MPO	Wake	Improve regional mobility
T192959	Public Transit	Regional Impact	GoTriangle Route CRX Headway Reduction	Direct service from Chapel Hill to Raleigh. Serves Eubanks park-and-ride, downtown Chapel Hill, UNC campus, NC State University, and downtown Raleigh.	Purchase two additional vehicles in order to reduce headways to 20-30 minutes for totality of service time.	2 - Mobility (route-specific) - Headway Reduction	\$ 136,810	C	05, 07	Durham-Chapel Hill-Carrboro MPO, Capital Area MPO	Durham, Orange, Wake	Purchase two additional vehicles in order to reduce headways to 20-30 minutes for totality of service time.
	Public Transit	Division Needs	GoApex Bus Stop Improvements	Multiple bus stop locations on up to two new GoApex fixed routes	Construct approximately 40 bus stops with passenger amenities.	6 - Facility - Stop/Shelter	\$ 300,000	C	05	Capital Area MPO	Wake	Construction of approximately 40 bus stops to support future local bus services in the Town. Bus stops will be constructed to comply with Town standards including providing a bench at all stops and meeting the ADA and PROWAG standards. Cost to NCDOT is based on escalation of a recently-completed project and assumes 50% of bus stop construction will be funded through the Wake Transit Community Funding Area Program or local funds.
	Public Transit	Division Needs	Apex Mobility Hub	Downtown Apex	Construct a mobility hub to serve multiple modes of transportation including future passenger rail.	5 - Facility - Passenger Station	\$ 5,000,000	C	05	Capital Area MPO	Wake	Construction of a mobility hub in the vicinity of Downtown Apex with the intent of providing parking and serving multiple modes of transportation including future passenger rail. Costs based on similar projects in SPOT database. Details and cost estimate to be updated pending feasibility study kicking off in 2023.



Potential Transit Projects (Fixed Guideway) to Submit for SPOT 7.0 Scoring

SPOT ID	Local ID	Project Category	Route / Facility Name	From / Cross Street	To / Cross Street	Description	Specific Improvement Type	Cost to NCDOT	County(ies)	Primary Purpose
T192906	BRT.10a	Regional Impact	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.	1 - Mobility (route-specific) - New Service	\$ 100,000,000	Wake, Durham	Improve regional mobility
T192907	BRT.10b	Regional Impact	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.	1 - Mobility (route-specific) - New Service	\$ 100,000,000	Wake, Durham	Improve regional mobility
T192908	BRT.10c	Regional Impact	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.	1 - Mobility (route-specific) - New Service	\$ 100,000,000	Orange, Durham, Wake	Improve regional mobility
T192900	BRT.110	Regional Impact	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.	1 - Mobility (route-specific) - New Service	\$ 100,000,000	Wake, Durham, Johnston	Improve regional mobility
T192903	BRT.150	Regional Impact	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.	1 - Mobility (route-specific) - New Service	\$ 100,000,000	Wake, Durham	Improve regional mobility
T192902	BRT.160	Regional Impact	Clayton to North Hills BRT	Clayton to North Hills along US 70 BUS, Wilmington, BRT lanes, Falls of Neuse, serving Clayton, Garner, and Raleigh.		Construct infrastructure and service from Clayton to North Hills. New BRT lanes from downtown Raleigh to North Hills. Project includes 14 vehicles.	1 - Mobility (route-specific) - New Service	\$ 100,000,000	Wake, Johnston	Improve regional mobility
T192904	BRT.170	Regional Impact	Clayton to Triangle Town Center BRT	New BRT service from Clayton to Triangle Town Center along US 70 BUS, Wilmington, and Capital Blvd serving Clayton, Garner, and Raleigh		Construct infrastructure and service from Clayton to Triangle Town Center. New BRT lanes from downtown Raleigh to Triangle Town Center. Project includes 15 vehicles.	1 - Mobility (route-specific) - New Service	\$ 100,000,000	Wake, Johnston	Improve regional mobility
T192909	BRT.20a	Regional Impact	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.	1 - Mobility (route-specific) - New Service	\$ 100,000,000	Wake, Durham	Improve regional mobility
T192910	BRT.20b	Regional Impact	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.	1 - Mobility (route-specific) - New Service	\$ 100,000,000	Wake, Durham	Improve regional mobility

Potential Transit Projects (Fixed Guideway) to Submit for SPOT 7.0 Scoring

T192912	BRT.20c	Regional Impact	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.	1 - Mobility (route-specific) - New Service	\$ 100,000,000	Wake, Orange, Durham	Improve regional mobility
T192914	BRT.40	Regional Impact	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.	1 - Mobility (route-specific) - New Service	\$ 100,000,000	Wake, Durham	Improve regional mobility
T192915	BRT.50	Regional Impact	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.	1 - Mobility (route-specific) - New Service	\$ 100,000,000	Wake, Durham	Improve regional mobility
T171925	BRT.60	Division Needs	SAS to Regency BRT service	BRT service along Harrison, Kildaire Farm, and Regency parkway.		Construct infrastructure and service from SAS in north Cary to Regency Parkway (along Harrison and Kildaire Farm Road). New BRT lanes outside Maynard loop, mixed-traffic inside Maynard. Project includes 7 vehicles.	1 - Mobility (route-specific) - New Service	\$ 100,000,000	Wake	Improve regional mobility
T171904	CRT.1	Regional Impact	Mebane to Selma Commuter Rail Service	CRT service from Mebane to Selma serving Hillsborough, Durham, Morrisville, Cary, Raleigh, Garner, Clayton and Selma		Construct infrastructure and 8-2,8-2 service (8 trains in peak, 2 mi-day, 2-evening) for commuter rail service from Mebane to Selma. Project includes 9 locomotives and 36 coaches.	1 - Mobility (route-specific) - New Service	\$ 285,000,000	Wake, Johnston, Durham, Orange	Improve regional mobility
T171909	CRT.2	Regional Impact	Apex to Youngsville Commuter Rail Service	Commuter rail service from Apex to Youngsville serving Cary, Raleigh, Wake Forest, and Youngsville.		Construct commuter rail infrastructure and 8-2, 8-2 service (8 trains in peak, 2 mid-day, 2 - evening) from Apex to Youngsville. Project includes 5 locomotives and 20 coaches.	1 - Mobility (route-specific) - New Service	\$ 160,000,000	Wake, Franklin	Improve regional mobility and provide transportation options
T171911	CRT.3	Regional Impact	West Durham to Clayton CRT	West Durham to Clayton along NCRR corridor serving Durham Morrisville, Cary, Raleigh, Garner, and Clayton.		Construct infrastructure and service for commuter rail 8-2, 8-2 service (8 trains in peak, 2 mid-day, 2-evening) from West Durham to Clayton. Project includes 6 locomotives and 24 coaches.	1 - Mobility (route-specific) - New Service	\$ 185,000,000	Durham, Wake, Johnston	Improve regional mobility
T171912	CRT.4	Regional Impact	West Durham to Wake Forest Commuter Rail	West Durham to Wake Forest along NCRR and S-line serving Durham, Morrisville, Cary, Raleigh, and Wake Forest		Construct infrastructure and 8-2, 8-2 service (8 trains in peak, 2 mid-day, 2-evening) for commuter rail service from West Durham to Wake Forest. Project includes 6 locomotives and 24 coaches.	1 - Mobility (route-specific) - New Service	\$ 185,000,000	Durham, Wake	Improve regional mobility
T171898	CRT.5	Regional Impact	Commuter Rail from West Durham to Garner	Commuter rail service along NCRR corridor serving Durham, RTP, Morrisville, Cary, Raleigh, and Garner		Construct infrastructure and 8-2,8-2 service (8 trains in peak, 2 mi-day, 2-evening) for commuter rail service from West Durham to Garner. Project includes 5 locomotives and 20 coaches.	1 - Mobility (route-specific) - New Service	\$ 160,000,000	Wake, Durham	Improve regional mobility

Potential Transit Projects (Fixed Guideway) to Submit for SPOT 7.0 Scoring

T171915	CRT.6	Regional Impact	West Durham to Raleigh to Garner/Wake Forest commuter rail	Commuter rail service along NCRR and S-line corridors. 8-2, 8-2 service from West Durham to Raleigh, 4-1, 4-1 services from Raleigh to Wake Forest and Garner. Serving West Durham, RTP, Morrisville, Cary, Raleigh, Garner, and Wake Forest		Construct infrastructure and service for 8-2, 8-2 service to Raleigh and 4-1, 4-1 service to Wake Forest and Garner. Project includes 6 locomotives and 24 coaches.	1 - Mobility (route-specific) - New Service	\$ 204,702,500	Durham, Wake	Improve regional mobility
T192896	CRT.7	Regional Impact	Garner to Youngsville Commuter Rail Service	Garner (Auburn) to Youngsville along NCRR and S-line to Youngsville serving Garner, Raleigh, Wake Forest, and Youngsville.		Construct infrastructure and 8-2,8-2 service (8 trains in peak, 2 mi-day, 2-evening) for commuter rail service from Garner to Youngsville. Project includes 5 locomotives and 20 coaches.	1 - Mobility (route-specific) - New Service	\$ 140,000,000	Wake, Franklin	Improve regional mobility
T171692	DCHC	Regional Impact	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.	1 - Mobility (route-specific) - New Service	\$ 1,250,000	Durham, Wake	To provide a high quality transit service for the two most populous cities in the Triangle and points in between.
T192632	DCHC	Regional Impact	Durham-Raleigh CRT	Along the NCRR corridor from West Durham near Duke University to Raleigh Union Station.		Provide high quality commuter rail service utilizing seven locomotives and 28 coaches from West Durham near Duke University to Raleigh. Serves Duke University, Downtown Durham, North Carolina Central University, RTP, Morrisville, Cary, NC State, and Downtown Raleigh. Project operates on an 8-2-8-2 schedule.	1 - Mobility (route-specific) - New Service	\$ 116,756,757	Wake, Durham	To provide high-speed, reliable commuter service to major destinations in the Triangle including Duke University, downtown Durham, downtown Cary, NC State, and Raleigh.
T192849	DCHC	Regional Impact	Durham-Clayton CRT	CRT service from West Durham near Duke University to Clayton.		Provide high quality commuter rail service utilizing seven locomotives and 36 coaches from West Durham near Duke University to Clayton. Serves Duke University, Downtown Durham, North Carolina Central University, RTP, Morrisville, Cary, NC State, Downtown Raleigh, Garner, and Clayton. Project operates on a 5-1-5-1 schedule. Nine locomotives and 36 coaches will be purchased.	1 - Mobility (route-specific) - New Service	\$ 185,000,000	Durham, Wake, Johnston	To provide an alternative to automobile travel for many of the major residential and employment hubs in the Triangle.

Potential Transit Projects (Fixed Guideway) to Submit for SPOT 7.0 Scoring

T192850	DCHC	Regional Impact	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 TSP, from Duke University to downtown Cary. The portion in Wake County will follow the previously funded Morrisville-Clayton BRT line.	1 - Mobility (route-specific) - New Service	\$ 53,677,548	Durham, Wake	Provide a high quality rapid bus service for major residential and employment centers in the western Triangle.
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