

SPOT 7

Highway Submittal List

SPOT 7.0 DCHC MPO Highway Submittal List

August 23, 2023

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#	Route/Facility Name	From/Cross Street	To/Cross Street	Description	Project Category	SIT	Jurisdiction	SPOT ID	Preliminary Score (S, R, D)
Project Submissions (DCHC MPO is allotted 24)*									
A1	Townwide Signal System Upgrade - Chapel Hill/Carrboro	N/A	N/A	Plan and implement an improved signal system for the Town of Chapel Hill and the Town of Carrboro including transit signal priority.	Statewide Mobility	13 - Citywide Signal System	Chapel Hill	N/A	Pending
A2	Townwide Signal System Upgrade - Hillsborough	N/A	N/A	Plan and implement an improved signal system for the Town of Hillsborough including consideration for transit signal priority.	Statewide Mobility	13 - Citywide Signal System	Orange County/Town of Hillsborough	N/A	Pending
A3	NC 98 (Holloway Street)	SR 1919 (Lynn Road)	SR 1815 (Mineral Springs Road)	Install a median to manage access and improve safety, as well as pedestrian, bicycle, and transit accommodations.	Regional Impact	11 - Access Management	City of Durham	H190419	N/A, 42, 35.15
A4	Cornwallis Rd / NC 55 Intersection Improvements	Cornwallis Rd / NC 55 Intersection	-	Improve intersection to enhance safety and provide multimodal accommodations	Regional Impact	10 - Improve Intersection	City of Durham	N/A	Pending
A5	SR 1006 (Orange Grove Road)	SR 1148 (Eno Mountain Road)	SR 1192 (Mayo Street)	Create two roundabouts along Orange Grove Road, one at Eno Mountain Road and one at Mayo Street.	Division Needs	25 - Improve Multiple Intersections along Corridor	Hillsborough, Orange County	H192437	N/A, N/A, 21.47
A6	Orange Grove Road (SR-1102) Widening with Bicycle and Pedestrian Improvements	Patriot's Pointe Drive	New Grady Brown School Road (SR-1221)	Construct one additional lane between Patriot's Pointe Drive and New Grady Brown School Road (SR 1221) to include both pedestrian and bicycle improvements along the roadway. The 1-40 bridge would be widened to accommodate both pedestrian and bicycle amenities and one additional travel lane.	Division Needs	1 - Widen Existing Roadway	Orange County	N/A	Pending
A7	US 501 (Roxboro Road)	Omega Road	US 501 Bypass (Duke Street)	Construct median as an access management facility, with bicycle and pedestrian facilities and transit stop improvements.	Regional Impact	11 - Access Management	City of Durham	H170126	N/A, 46.91, 38.56
A8	US 70 Business (Hillsborough Road)	SR 1314 (Neal Road)		Install a one-lane roundabout.	Regional Impact	10 - Improve Intersection	City of Durham	H190418	N/A, 46.99, 37.04
A9	US 15/501 Upgrade (modernization)	I-40	US 15/501 Business	Upgrade US 15/501 in Durham to a boulevard from I-40 to US 15/501 Business. Intersection improvement at Mount Moriah. Extend Danziger Drive over I-40. Add priority transit infrastructure.	Regional Impact	16 - Modernize Roadway	City of Durham	N/A	Pending
A10	NC 98	SR 1811 (Sherron Road / Patterson Road)		Per the NC 98 Corridor Study, construct a quadrant road at this intersection to reduce congestion and create travel time savings.	Regional Impact	10 - Improve Intersection	City of Durham	H192687	N/A, 45.87, 37.93
A11	NC 98	Ganyard Farm	Nichols Farm	Construct a median for access management, as well as sidewalks and/or a shared use path and transit accommodations	Regional Impact	11 - Access Management	Durham County	N/A	Pending
A12	US 501 (Roxboro Road)	SR 1004 (Old Oxford Road)	NC 55 (Avondale Drive)	Construct median along section with potential turn lanes at Lavender Avenue, Bon Air Avenue, and Murray Avenue. Fill in sidewalk gaps, provide streetscape amenities, and install bus stop improvements.	Regional Impact	11 - Access Management	City of Durham	H170375	N/A, 48, 43.29
A13	New Route - Northern Durham Parkway	US 70	Sherron Parkway	Construct roadway on new location and widen Northern Durham Parkway from US 70 to Sherron Road to provide four lanes with a median with bicycle, pedestrian, and transit facilities as appropriate.	Division Needs	5 - Construct Roadway on New Location	Durham City/ County	H171433	N/A, N/A, 28.35

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A14	NC 751 (Hope Valley Road)	NC 54	Southpoint Auto Park Blvd	Widen to four lanes with a median with bicycle pedestrian and transit facilities as appropriate.	Regional Impact	1 - Widen Existing Roadway	City of Durham	H111011	N/A, 36.68, 32.65
A15	NC 751	Renaissance Pkwy	SR 1731 (O'Kelly Chapel Road)	Widen NC 751 to four lanes divided and improve the intersection with Fayetteville Road. Include a sidepath for bike/ped use.	Regional Impact	1 - Widen Existing Roadway	City of Durham	H190420	N/A, 42.86, 38.75
A16	Village Way/15-501 Intersection Improvements	15-501	Village Way	Safety improvements at the intersection of 15-501 and Village Way	Regional Impact	10 - Improve Intersection	Chatham County	N/A	Pending
A17	NC 86 Improvements North of Hillsborough	US 70 Bypass	NC 57	Widen NC 86 from US 70 Bypass to north of NC 57 to four (4) lanes with intersection improvements at US 70 Bypass and NC 57.	Regional Impact	25 - Improve Multiple Intersections along Corridor	Orange County	N/A	Pending
A18	I-85/NC 86 Interchange Improvements	I-85	NC 86	Reconstruct interchange at 1-85 and NC 86.	Regional Impact	8 - Improve Interchange	Orange County	N/A	Pending
A19	Downtown Loop Two Way Conversion (Morgan & Ramseur St)	Roxboro St	Roxboro St	Convert the Downtown Loop from one way to two way streets with multimodal accommodations.	Division Needs	16 - Modernize Roadway	City of Durham	N/A	Pending
A20	US 70	Buckhorn Rd (SR-1114)	Durham County line	Widen US-70 and improve intersections from Buckhorn Road (SR-1114) to Durham County with NCDOT standard street cross-section 4G (110' row, 17.5' median, 11' travel lanes, 5' bike lane, c&g, and sidewalk), add turn lanes and safety improvements at NC-86, St. Mary's Road (SR-1002), Efland Cedar Grove Road (SR-1004), Frazier Road (SR-1310), Richmond Road (SR-1312), Brookhollow Road (SR-1324), Faucette Mill Road (SR-1328), Miller Road (SR-1555), Lawrence Road (SR-1561), Palmers Grove Church Road (SR-1562), Pleasant Green Road (SR-1567), Orange High School Road (SR- 1588), and N Scotswood Boulevard (SR-2300).	Regional Impact	25 - Improve Multiple Intersections along Corridor	Orange County	N/A	Pending
A21	Duke University Rd / Academy Rd / Cameron Blvd Intersection Improvements	Duke University Rd / Academy Rd / Cameron Blvd	-	Improve intersection to enhance safety and provide multimodal accommodations	Division Needs	19 - Improve Intersection on Local (Non-State) Roadway	City of Durham	N/A	Pending
A22	Mt. Carmel Church Road/15-501 Intersection Improvements	Mt. Carmel Church Road	Culbreth Road	Construct safety improvements at the intersection of Mt. Carmel Church Road, Culbreth Road, and 15-501.	Division Needs	10 - Improve Intersection	Chapel Hill	N/A	Pending
A23	NC 10 Improvements	NC 86	US 70 Business	Modernize NC 10 from NC 86 to US 70 Business with NCDOT standard street cross-section 2B (60' row, 11' travel lanes, with 5' paved shoulder), add turn lanes and safety improvements at Lawrence Road (SR-1561) New Hope Church Road (SR-1723), University Station Road (SR-1712), Mt. Harmon Church Road (SR-1339) and US 70 Business.	Regional Impact	16 - Modernize Roadway	Orange County	N/A	Pending

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A24	Orange Grove Road Extension/ NC 86 Connector	Old NC 86/S. Churton Street	NC 86	Extend Orange grove road from Old NC 86 (S. Churton Street) to NC 86 with multimodal accommodations and taking into consideration the new Hillsborough Train Station.	Regional Impact	5 - Construct Roadway on New Location	Orange County	N/A	Pending

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Projects Potentially Submitted by Others**										
B1	NC 54	Mebane Oaks Road (SR-1007)	Old Fayetteville Road (SR-1107)	Widen NC-54 from Orange Grove Rd (SR 1006) to Butler Rd (SR 1951)/ Dodsons Cross Rd (SR 1102) and from Butler Rd (SR 1951) / Dodsons Cross Rd (SR 1102) to Old Fayetteville Road (SR-1107)/ Inside DCHC with additional lanes and multimodal facilities along the corridor and safety improvements at each intersection.	Regional Impact	1 - Widen Existing Roadway	Orange County	H185160	N/A, 39.08, 32.18	TARPO
B2	SR 1009 (Old NC 86)	I-40	SR 1727 (Eubanks Road)	Modernize roadway including wider lanes and paved shoulders. Improve multiple intersections in corridor by adding turn lanes.	Division Needs	16 - Modernize Roadway	Orange, Alamance	H185159	N/A, N/A, 33.59	TARPO
B3	Orange Grove Road	I-85	Dodson Crossroad (SR-1130)	Modernize Orange Grove Road (SR-1106) from 1-85 to Dodson Crossroad (SR-1007) with NCDOT standard street cross-section 2B (60' row, 11' travel lanes, with 5' paved shoulder), add turn lanes and safety improvements at Ode Turner Road (SR-1130), Dimmocks Mill Road (SR-1134), Crossroad Church Cemetery Road (SR-1131), Davis Drive (SR-1129), Kimbro Road (SR-1128) and Dodson Crossroads (SR-1102).	Division Needs	16 - Modernize Roadway	Orange County	H185154	N/A, N/A, 24.2	TARPO
B4	Dodson Crossroad Improvements (SR-1102)	Orange Grove Road (SR-1006)	NC 54	Modernize Dodson Crossroad (SR-1102) from Orange Grove Road (SR-1006) to NC-54 with NCDOT standard street cross-section 2B (60' row, 11' travel lanes, with 5' paved shoulder), add turn lanes and safety improvements at Orange Grove Road (SR-1106), Borland Road (SR-1126), Arthur Minnis Road (SR-1115), and Dairyland Road (SR-1177).	Division Needs	16 - Modernize Roadway	Orange County	H185157	N/A, N/A, 24.2	TARPO
B5	SR 1005 (Old Greensboro Road)	NC 87 in Alamance County	SR 1942 (Jones Ferry Road)	Modernize roadway	Division Needs	16 - Modernize Roadway	Orange, Alamance	H111162	N/A, N/A, 26.05	TARPO
B6	I-40	I-540	NC 147	Add service roads to reduce weaving, per recommendations in the HNTB study.	Statewide Mobility	22 - Construct Auxiliary Lanes or Other Operational Improvements	Durham County	H192764	62.03, 36.75, 31.14	Division 5
B7	US 15	US 15 Business	NC 751	Add travel lanes to 15/501. Include 3 NB through lanes (perhaps 2 lanes plus 1 choice lane) for NB vehicles traveling through the Business/Bypass interchange. If needed, include improvements at/between Erwin Road to the west of 15-501 and Erwin Road to the east of 15-501.	Statewide Mobility	1 - Widen Existing Roadway	Durham County	H192573	71.46, 44.45, 32.23	Division 5
B8	US 501 (Duke Street)	I-85	SR 1407 (West Carver Street)	Convert to 4-lane SS. Minimize median width and ROW in residential areas. Sidepath may be desired in some areas where ROW is available.	Regional Impact	4 - Upgrade Arterial to Superstreet	Durham County	H193151	N/A, 48.14, 42.53	Division 5
B9	NC-540	US 1	I-40 (East)	Implement Managed Freeways Improvements	Statewide Mobility	12 - Ramp Metering	Durham County, Wake County	H192814	Pending	CAMPO

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

Updated 8/17/2023 5:00PM