

SPOT 7.0 DCHC MPO Highway Submittal List

August 9, 2023

#	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	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
A2	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
A3	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
A4	Dairyland Road Improvements (SR-1177)	Orange Grove Road (SR-1006)	Old NC 86 (SR-1009)	Modernize Dairyland Road (SR-1177) from Orange Grove Road (SR-1006) to Old NC-86 (SR-1009) with NC DOT 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-1006), Dodson Crossroads (SR-1102), Rocky Ridge Road (SR-1113), Bethel Hickory Grove Church Road (SR-1104) and convert intersection at Old NC-86 (SR-1009) to Roundabout.	Division Needs	16 - Modernize Roadway	Orange County	N/A	Pending
A5	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	N/A	Pending
A6	Orange Grove Road Improvements (SR-1102)	I-85	Dodson Crossroad (SR-1130)	Modernize Orange Grove Road (SR-1106) from I-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	N/A	Pending
A7	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
A8	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.	Regional Impact	16 - Modernize Roadway	City of Durham	N/A	Pending
A9	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
A10	Leesville Rd Ext	US 70/Page Rd Ext	Leesville Rd	Construct highway on new location to better align Leesville Road with Page Road Extension	Division Needs	5 - Construct Roadway on New Location	Durham County	N/A	Pending
A11	Glover Road	Angier Avenue	US 70	Extend Glover Road to an intersection/interchange with US 70	Division Needs	5 - Construct Roadway on New Location	Durham County	N/A	Pending
A12	Danziger Drive Extension	E. Lakeview St	Mt. Moriah Road	Construct roadway on new location over I-40	Division Needs	5 - Construct Roadway on New Location	Durham County	N/A	Pending

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A13	New Hope Commons Drive	Easttowne Drive	Hoffler Lane	Construct roadway on new location over I-40	Division Needs	5 - Construct Roadway on New Location	Durham County	N/A	Pending
A14	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
A15	Townwide Signal System Upgrade	N/A	N/A	Plan and implement an improved signal system for the Town of Chapel Hill and the Town of Carrboro	Regional Impact	13 - Citywide Signal System	Chapel Hill	N/A	Pending
A16	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
A17	Townwide Signal System Upgrade - Hillsborough	N/A	N/A	Plan and implement an improved signal system for the Town of Hillsborough.	Regional Impact	13 - Citywide Signal System	Orange County	N/A	Pending
A18	Mangum St / Roxboro St Two Way Conversion	E Markham Ave	Holloway St	Convert Mangum St & Roxboro St from one way to two way streets with multimodal accommodations on one or both streets	Division Needs	16 - Modernize Roadway	City of Durham	N/A	Pending
A19	Duke St / Gregson St Two Way Conversion	I-85	University Dr	Convert Duke St & Gregson St from one way to two way streets with multimodal accommodations on one or both streets.	Division Needs	16 - Modernize Roadway	City of Durham	N/A	Pending
A20	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
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	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
A23	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
A24	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
A25	I-85/NC 86 Interchange Improvements	I-85	NC 86	Reconstruct interchange at I-85 and NC 86.	Regional Impact	8 - Improve Interchange	Orange County	N/A	Pending
A26	NC-54 Improvements	Orange Grove Road (SR-1006)	Butler Road (SR-1951)	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	N/A	Pending
A27	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
A28	Garrett Rd/Pickett Rd Roundabout	Garrett Rd/Pickett Rd Intersection	-	Construct a roundabout at the intersection of Garrett Rd & Pickett Rd	Division Needs	10 - Improve Intersection	City of Durham	N/A	Pending
A29	Holloway Street Intersection Improvement	Holloway Street	I 885/US 70 Ramp	Intersection Improvement. Congestion/High Crash location	Division Needs	10 - Improve Intersection	DCHC MPO	N/A	Pending
A30	South Roxboro Street Intersection Improvement	South Roxboro Street	Jackie Robinson Drive	Intersection Improvement. Congestion/High Crash location	Division Needs	10 - Improve Intersection	DCHC MPO	N/A	Pending
A31	North Roxboro Street Intersection Improvement	North Roxboro Street	South Access Road	Intersection Improvement. Congestion/High Crash location	Division Needs	10 - Improve Intersection	DCHC MPO	N/A	Pending
A32	NC 54 Intersection Improvement	NC 54	NC 55/Apex Highway	Intersection Improvement. Congestion/High Crash location	Regional Impact	10 - Improve Intersection	DCHC MPO	N/A	Pending
A33	North Roxboro Street Intersection Improvement	North Roxboro Street	Avondale Drive	Intersection Improvement. Congestion/High Crash location	Division Needs	10 - Improve Intersection	DCHC MPO	N/A	Pending
A34	Horton Road Intersection Improvement	US 501/North Duke Street	Horton Road	Intersection Improvement. Congestion/High Crash location	Division Needs	10 - Improve Intersection	DCHC MPO	N/A	Pending
A35	Fayetteville Road Intersection Improvement	Fayetteville Rd	NC 54	Intersection Improvement. Congestion/High Crash location	Division Needs	10 - Improve Intersection	DCHC MPO	N/A	Pending
A36	North Roxboro Street Intersection Improvements	North Roxboro Street	East Club Blvd IDs 63 and 67	Intersection Improvements. Congestion/High Crash location. Blvd IDs 63 and 67 are adjacent intersections ~0.15 mi apart	Division Needs	10 - Improve Intersection	DCHC MPO	N/A	Pending

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A37	Northern Durham Parkway	US 70	NC 98	Construct roadway on new location. Align with portions of the roadway that are already constructed	Division Needs	5 - Construct Roadway on New Location	Durham County	N/A	Pending
A38	I-40	SR 1999 (Davis Dr)	-	Improve interchange	Statewide Mobility	8 - Improve Interchange	Durham County	N/A	Pending
A39	SR 1401 (Cole Mill Rd)	US 70 Business (Hillsborough Rd)	NC 147	Extend Cole Mill over the NCRR tracks to extend to NC 147. Allow vehicles to exit from NC 147 northbound directly onto the Cole Mill Road extension. Close the ramp from US 15/501 southbound to NC 147 northbound. If possible, allow southbound Cole Mill Road direct access to southbound NC 147.	Statewide Mobility	8 - Improve Interchange	City of Durham	H192688	55.8, 33.72, 26
A40	I-85/1-40 Connector (SR 1239)	US 70	-	U.S. 70 East/1-85/1-40 Connector: Modify the I-85/I-40 Connector (SR 1239) interchange at U.S. 70 to provide access from all directions.	Statewide Mobility	8 - Improve Interchange	Orange County	N/A	Pending

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Projects Potentially Submitted by Others**										
B1	I-540	I-40	US 1	Implement managed motorways along corridor and construct managed shoulders in both directions along I-540. Managed shoulders are expected to be in operation for approx. 3 hours during morning and evening peak periods (6 hours total).	Statewide Mobility	1 - Widen Existing Roadway	Wake, Durham	H171549	77.54, 47.34, 38.04	Capital Area MPO
B2	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
B3	I-85	Red Mill Road - Exit 182	Gate 1 Road - Exit 186A	Widen existing interstate 85 - Continuation of I-85 widening Project currently in SPOT. Approximately 3.6 miles.	Statewide Mobility	1 - Widen Existing Roadway	Durham, Granville	H192555	68.68, 39.17, 32.16	Division 5
B4	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
B5	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
B6	US 70	SR 1004 (Efland-Cedar Grove Road)		Add left turn lanes on all four approaches of the intersections.	Regional Impact	10 - Improve Intersection	Orange County	H190035	N/A, 34.35, 25.98	Division 7
B7	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	Triangle Area RPO
B8	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	Triangle Area RPO
B9	SR 1731 (O'Kelly Chapel Road)	NC 751	SR 3132 (Yates Store Road)	Modernize O'Kelly Chapel Road with turn lanes and wider shoulders. Includes a grade separation at the American Tobacco Trail.	Division Needs	16 - Modernize Roadway	Chatham County	H191618	N/A, N/A, 18.95	Division 8
B10	SR 1726 (Old Farrington Road)	SR 1725 (Farrington Point Road)	Durham County line	Modernize SR 1726 (Old Farrington Road) with roundabouts at SR 1725 (Farrington Point Road)/SR 1008 (Mt. Carmel Church Rd) and SR 1726 (Whippoorwill Lane)	Division Needs	16 - Modernize Roadway	Chatham County	H191982	N/A, N/A, 16.35	Division 8
B11	New Route - NC 57	US 70	NC 57	Construct a road on a new location to connect US 70 to NC 57, northwest of Hillsborough.	Division Needs	5 - Construct Roadway on New Location	Orange County	H192878	N/A, N/A, 16.34	Division 7

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

*Projects in this category are listed in no particular order and projects need to be narrowed down to only 24. Projects listed with preliminary scores in this sheet were scored in a previous prioritization cycle and scores are subject to change due to updated scoring criteria as well as if the project itself is modified.

**These are projects that are expected to be submitted by MPOs, RPOs, or Divisions. All partners work together to avoid duplication of project submittals, as well as to submit as many high-scoring projects as possible.