

SPOT 7

Rail Submittal List

SPOT 7.0 DCHC MPO Rail Submittal List

August 23, 2023

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#	Route/Facility Name	From/Cross Street	Description	Project Category	County Location	SPOT ID	Preliminary Score (S, R, D)
Project Submissions (DCHC MPO is allotted 24)*							
A1	NCRR/NC Line	NS/NCRR H Line crossings at Blackwell Street, Mangum Street, and Fayetteville Street in Durham	Construction of at-grade crossing improvements at Blackwell Street and cluster traffic signal cabinets at Blackwell/Corcoran Street (Crossing # 735 229N), US 15 (Mangum Street) (Crossing # 735 231P), and SR 1118 (Fayetteville Street) (Crossing # 910 605Y) in Durham	Statewide Mobility	Durham	R150325	82.52, 53.58, 38.6
A2	NCRR/NC Line	SR 1954 (W. Ellis Road)	Construction of grade separation at SR 1954 (W. Ellis Road) and closure of existing at-grade crossing (Crossing # 735 236Y) in Durham.	Statewide Mobility	Durham	R140014	76.31, 49.65, 34.37
A3	NCRR/NC Line	Exchange Park Lane (Crossing #735 158U)	Construction of new railroad bridge or other railroad approved method over Exchange Park Lane (Crossing #735 158U) to accommodate pedestrian traffic within the structure.	Statewide Mobility	Orange	R170029	14.47, 9.65, 14.47
A4	NCRR/NC Line	SR 1317 (Neal Road)	Construction of grade separation at SR 1317 (Neal Road) and closure of existing at-grade crossing (Crossing # 735 202E) in Durham.	Statewide Mobility	Durham	R150312	68.77, 44.16, 30.97
A5	NCRR/NC Line	East Durham Yard (MP 58.5) to Nelson (MP 63.5) in Durham	Construction of second main track from East Durham Yard (MP 58.5) to Nelson (MP 63.5) in Durham.	Statewide Mobility	Durham	R150320	54.74, 43.66, 27.98
A6	NCRR/NC Line	US 15/501 Business (Roxboro St) in downtown Durham	Improve the crossing (Crossing# 735 233D) at US 15/501 Business (Roxboro Street) in downtown Durham. Make the bridge higher to reduce truck conflict, make the span wider to facilitate a future two-way of Roxboro Street, and make the bridge wider to be able to accommodate four tracks. Potentially create an intersection at Ramseur and Roxboro.	Regional Impact	Durham	R192634	N/A, 24.17, 22.88
A7	NCRR/NC Line	Control Point Funston (MP 49.8) to East Durham Yard (MP 56) in Durham	Construction of second main track from Control Point Funston (MP 49.8) to East Durham Yard (MP 56) in Durham.	Statewide Mobility	Durham, Orange	R150319	14.39, 12.08, 14.39
A8	NCRR/NC Line	I-40 Rail Bridge in Durham County	Construct triple track bridge over I-40 in Durham County.	Statewide Mobility	Durham	R171833	14.39, 12.08, 14.39
A9	NCRR/NC Line	MP H 38 to MP H 40.4 near Efland	Construction of curve radius improvements from MP H 38 to MPH 40.4 near Efland.	Statewide Mobility	Orange	R170033	14.26, 11.95, 14.26
A10	NCRR/NC Line	MP H 44.5 to MP H 48 east of Hillsborough	Construction of curve radius improvements from MP H 44.5 to MPH 48 east of Hillsborough.	Statewide Mobility	Orange	R170032	13.95, 11.64, 13.95
A11	NCRR/NC Line	NCRR H Line from MP 41.7 to MP 42.2.	Construction of curve radius improvements near Collins Ridge in Hillsborough from approximately MP 41.7 to MP 42.2. According to local officials, property for realignment of track was previously obtained.	Statewide Mobility	Orange	R192631	13.29, 10.98, 13.29
A12	NCRR/NC Line	S. Plum Street Rail Crossing Improvements	Improve the crossing (Crossing# 630472K) at S Plum Street including a grade separation, crossing closure, rail-crossing consolidation, and additional safety initiatives.	Statewide Mobility	Durham	N/A	Pending
A13	NCRR/NC Line	S. Driver Street Rail Crossing Improvements	Improve the crossing (Crossing# 630471D) at S Driver Street including a grade separation, crossing closure, rail-crossing consolidation, and additional safety initiatives.	Statewide Mobility	Durham	N/A	Pending
A14	NCRR/NC Line	Ellis Road North Rail Crossing Improvements	Improve the crossing (Crossing# 735236Y) at Ellis Road including a grade separation, crossing closure, rail-crossing consolidation, and additional safety initiatives.	Statewide Mobility	Durham	N/A	Pending

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A15	NCRR/NC Line	King to West Durham Track Improvements	Construct new railroad track from Old State Route 10 (State Route 1715) in "King" to the proposed West Durham Station just east of Hillandale Road to establish double track along this corridor segment.	Statewide Mobility	Durham	N/A	Pending
A16	NCRR/NC Line	Central Durham Track Improvements	Construct new railroad track from the proposed West Durham Station(just east of Hillandale Road) to the proposed East Durham Station (just east of Alston Avenue/NC55) to establish double track along this corridor segment.	Statewide Mobility	Durham	N/A	Pending
A17	NCRR/NC Line	East Durham to Sullivan Track Improvements	Construct two new railroad tracks from East Durham Station (east of Alston Avenue/NC55) to "Sullivan" (east of Glover Road/State Route 1940) to establish triple track along this corridor segment.	Statewide Mobility	Durham	N/A	Pending
A18	NCRR/NC Line	Sullivan to Nelson Track	Construct new railroad track from "Sullivan" (east of Glover Road/State Route 1940) to "Nelson" (west of NC 54 and proposed RTP station) to establish double track along this corridor segment.	Statewide Mobility	Durham	N/A	Pending
A19	NCRR/NC Line	Research Triangle Park (RTP) Station	Construction of a new rail station for Piedmont service in RTP. To be located on RTF-owned land near the intersection of NC-54 and S Miami Blvd (south of NC-54 and on the west side of the NCRR line).	Regional Impact	Durham	N/A	Pending
A20	NCRR/NC Line	Hillsborough Regional Transfer Station	Construction of a multimodal transportation center to include rail, transit, bike/ped, and park-n-ride accommodations. Project location: 36.066613, -79.097416	Regional Impact	Orange	N/A	Pending
A21	NCRR/NC Line	East Durham Rail Yard Relocation	Relocate the rail yard to benefit commuter rail and freight rail traffic. This project will minimize negative impacts of rail industry related to environmental justice, as well as improve overall rail capacity.	Regional Impact	Durham	N/A	Pending
A22	NS Main Line, NCRR NC Line, S Line	New passenger service from Charlotte to Washington, DC	Upgrade infrastructure to support new passenger service from Charlotte to Washington, DC via the NS Main Line, NCRR NC Line, and the S Line. (5 - PAX service)	Regional Impact	CRTPO, Cabarrus-Rowan, High Point, Greensboro, Burlington-Graham, DCHC, CAMPO, Kerr-Tar	N/A	Pending
A23	NCRR/NC Line, K Line	New passenger service from Winston-Salem to Raleigh	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 - PAX service)	Regional Impact	CAMPO, DCHC, Burlington-Graham, Greensboro, Winston-Salem	N/A	Pending

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A24	NCRR/NC Line	Bundled Pedestrian/Bicycle Improvements at Rail Crossings in Durham	<p>Install wheelchair ramps, crosswalks, and relocate stop bars for pedestrian access at SR 1118 (Fayetteville Street) (Crossing # 910 605Y)</p> <p>Install decorative fence and restricted access fence, streetscape lights, wheelchair ramps, sidewalk, and cluster traffic signal cabinets at Blackwell/Corcoran Street (Crossing # 735 229N) in Durham.</p> <p>Install wheelchair ramps and crosswalks for pedestrian access at SR 1445 (Duke Street) (Crossing # 735 227A)</p> <p>Widen shoulders within railroad ROW and install wheelchair ramps and crosswalks on SR 1322 (Swift Avenue) (Crossing # 735 223X) in Durham.</p> <p>Install wheelchair ramps and crosswalk for pedestrian access at Buchanan Boulevard (Crossing # 735 225L)</p> <p>Install decorative fence, streetscape lights, wheelchair ramps, and sidewalk at US 15 Bus (Mangum Street) (Crossing # 735 231P)</p>	Statewide Mobility	Durham	N/A	Pending

Note: DCHC is allowed (24) submittals per mode for SPOT 7.0. Carryover projects already in the STIP are not included in this submission. The primary purpose of rail projects must be to improve railroad operations

*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.

**Projects in this category are expected to be submitted by other 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.

Updated 8/17/2023 5:00PM

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Projects Potentially Submitted by Others**								
B1	NCRR/NC Line	Mt. Willing Rd	This project would realign Mt. Willing Road to line up with Efland Cedar Grove Road at US 70 and would remove the at-grade crossing (735 145T) of the Norfolk Southern Rail Line at mile post H-37.31 and would construct a bridge over this line. This line serves as a connect from Greensboro to Durham.	Statewide Mobility	Orange	R191321	65.74, 43.29, 31.53	Division 7
B2	NCRR/CSX S, NCRR/NC, NCRR/NS Main	Piedmont Corridor: Raleigh to Charlotte	6th frequency addition to Charlotte to Raleigh service. Requires improvements to NC Line between Greensboro and Raleigh.	Regional Impact	Durham, Orange	R190772	N/A, 17.11, 13.76	BGMPO
B3	NCRR/NC Line	NS/NCRR H Line crossing of Dimmocks Mill Road in Hillsborough.	Construction of grade separation at Dimmocks Mill Road (Crossing # 735 154S) and closure of Bellvue Street existing at-grade crossing (Crossing # 735 152D) and West Hill Avenue existing at-grade crossing (Crossing # 735 151W). Project includes a pedestrian tunnel at Hill Avenue.	Statewide Mobility	Orange	R150318	71.43, 46.08, 34.52	Requested for Division 7

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