

# SPOT 7.0 DCHC MPO Rail Submittal List

July 26, 2023

| #                                              | 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)* |                     |                                                                                                |                                                                                                                                                                                                                                                                                                                                                         |                    |                 |         |                             |
| 1                                              | 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 (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          |
| 2                                              | 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         |
| 3                                              | NCRR/NC Line        | NCRR/NC Line at Blackwell/Corcoran Streets in Durham                                           | 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.                                                                                                                                                 | Statewide Mobility | Durham          | R192639 | 73.92, 49.14, 35.7          |
| 4                                              | 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         |
| 5                                              | 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         |
| 6                                              | 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         |
| 7                                              | 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           |
| 8                                              | 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         |
| 9                                              | 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         |
| 10                                             | 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         |
| 11                                             | 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         |
| 12                                             | 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         |
| 13                                             | 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                     |
| 14                                             | 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                     |
| 15                                             | 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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|----|------------------------------------|--------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-----------------------------------------------------------------------------------------|---------|-----------------------------|
| 16 | 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                     |
| 17 | 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                     |
| 18 | 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                     |
| 19 | 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                     |
| 20 | 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                     |
| 21 | 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                     |
| 22 | 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                     |
| 23 | 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                     |
| 24 | 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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|-------------------------------------|-----------------------------------|---------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-----------------|---------|---------------------|--------------|
| Additional Project Considerations** |                                   |                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                    |                 |         |                     |              |
| A1                                  | 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 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. 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             | Pending      |
| A2                                  | 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  | Pending      |
| A3                                  | 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   |
| A4                                  | 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        |

**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 the current submittals for rail projects pending preliminary scoring. Projects with preliminary scores are ordered first in this section based on overall scoring, and projects with "pending" scores are listed in no particular order.

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 include project overflow from the (24) allowed submissions, as well as projects that are expected to be submitted by other MPOs, RPOs, or Divisions.

Updated 7/19/2023 5:00PM