

**SPOT 6 DCHC Rail Submittal List**  
**Staff Recommendations**  
**January 22, 2020**

**SPOT 5 SCORE**

#	SPOT ID	TIP	Project Category	Route / Facility Name	Description	Cost to NCDOT	County	Statewide Mobility Quantitative Score (Out of 100)	REGIONAL IMPACT Quantitative Score (Out of 70)	DIVISION NEEDS Quantitative Score (Out of 50)	Notes
1	R140014	P-5716	Statewide Mobility	NS/NCRR H Line	Construction of grade separation at SR 1954 (W. Ellis Road) and closure of existing at-grade crossing (Crossing # 735 236Y) in Durham.	\$ 11,750,000	Durham	71.97	49.33	34.80	
2	R150312	P-5728	Statewide Mobility	NS/NCRR H Line	Construction of grade separation at SR 1317 (Neal Road) and closure of existing at-grade crossing (Crossing # 735 202E) in Durham.	\$ 5,492,000	Durham	64.17	42.13	29.26	
3	R150325		Statewide Mobility	NS/NCRR H Line	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) per Durham TSS in Durham.	\$ 650,000	Durham	60.07	45.78	32.96	
4	R150318		Statewide Mobility	NS/NCRR H Line	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.	\$ 21,575,000	Orange	52.84	33.08	22.86	
5	R150320		Statewide Mobility	NS/NCRR H Line	Construction of second main track from East Durham Yard (MP 58.5) to Nelson (MP 63.5) in Durham.	\$ 53,900,000	Durham	44.08	34.22	21.70	
6	R170032		Statewide Mobility	NCRR/NS H line	Construction of curve radius improvements from MP H 44.5 to MP H 48 west of Hillsborough.	\$ 3,500,000	Orange	42.85	31.97	21.97	
7	R170033		Statewide Mobility	NCRR/NS H line	Construction of curve radius improvements from MP H 38 to MP H 40.4 near Effland.	\$ 3,500,000	Orange	24.27	18.90	17.16	
8	R170029		Statewide Mobility	NS/NCRR H Line	Construction of new railroad bridge, or other railroad approved method, over Exchange Park Lane (Crossing #735 158U) to accommodate pedestrian traffic within the structure.	\$ 7,400,000	Orange	23.47	16.56	12.46	
9	R150319		Statewide Mobility	NS/NCRR H Line	Construction of second main track from Control Point Funston (MP 49.8) to East Durham Yard (MP 56) in Durham.	\$ 50,800,000	Durham	10.73	8.21	10.73	
10	R171833		Statewide Mobility	I-40 Rail Bridge in Durham County	Construct triple track bridge over I-40 in Durham County.	\$ 20,000,000	Durham	7.36	4.91	7.36	
11	N/A		Statewide Mobility	NCRR/NS H line	Construction of curve radius improvements near Hillsborough (Collins)	N/A	Orange	N/A	N/A	N/A	Verify MP
12	N/A		Regional Impact	US 15 Business (Roxboro Street)	Improve the crossing 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.	\$ 31,100,000	Durham	N/A	19.07	21.88	Scores poorly. Per SPOT office must submit as rail project.
13	N/A		Statewide Mobility	NCRR/NS H line at Fayetteville Street	Install 3 WCR's, four crosswalks and relocate stop bars for pedestrian access.	N/A	Durham	N/A	N/A	N/A	
14	N/A		Statewide Mobility	NCRR/NS H line at Mangum Street	Install 200' of decorative fence, four streetscape lights, six WCRs and sidewalk for pedestrian safety.	N/A	Durham	N/A	N/A	N/A	
15	N/A		Statewide Mobility	NCRR/NS H line at Blackwell/Corcoran Streets	Install 200' of decorative fence and 25' of restricted access fence, four streetscape lights, four WCRs and sidewalk. Improve safety by clustering traffic signal cabinets on north and south side of crossing.	N/A	Durham	N/A	N/A	N/A	
16	N/A		Statewide Mobility	NCRR/NS H line at Chapel Hill Street	Repair sidewalks, concrete structures and wing walls. Improve landscaping near wing wall. Sandblast, repair, and repaint bridge structure. Remove 100' sidewalk. Bore 100' 2" conduit for pedestrian signal cable.	N/A	Durham	N/A	N/A	N/A	
17	N/A		Statewide Mobility	NCRR/NS H line at Duke	Install 3 WCRs and three crosswalks for pedestrian access and safety.	N/A	Durham	N/A	N/A	N/A	

18	N/A		Statewide Mobility	NCRR/NS H line at Buchanan Boulevard	Install two WCRs and one crosswalk for pedestrian access and safety.	N/A	Durham	N/A	N/A	N/A	
19	N/A		Statewide Mobility	NCRR/NS H line at Swift Avenue	Widen shoulder on Buchanan Boulevard within RR ROW with edgeline for pedestrian access and safety. Install four WCRs and two crosswalks.	N/A	Durham	N/A	N/A	N/A	
*	N/A		Regional Impact	Amtrak	Purchase of passenger rail cars	N/A	Statewide	N/A	N/A	N/A	Submitted by Rocky Mount MPO; requesting 11 points from DCHC (percent of track in DCHC jurisdiction)

\*To be submitted by another agency