

# Highway Projects

## Methodology Criteria

Route	From	To	Description	Jurisdiction	MTP Prioritization	Local Tax Revenues	Local Funding	Complements Non-Highway	EJ	TOTAL	Cascading Project?	SPOT Score	Proposed Local Input Points	Notes
US 501 (Roxboro Road)	US 501 Bypass (Duke Street)	Omega Road	Construct median, access management facilities, safety improvements, bicycle and pedestrian facilities, and transit stop improvements.	Durham	2	0	1	1	1	5	N	47.45	100	
US 501 Business (Roxboro Road)	NC 55 (Avondale Drive)	SR 1004 (Old Oxford Road)	Construct median along section with potential turn lanes at Lavender Avenue, Bon Air Avenue, and Murray Avenue. Fill in sidewalk gaps and provide streetscape amenities.	Durham	2	0	1	1	1	5	N	45.93	100	
NC 98 (Holloway Street)	SR 1838 (Junction Road)	SR 1919 (Lynn Road)	Construct safety improvements and widen to add median, bicycle lanes, sidewalks, transit stop improvements, and traffic signals where needed.	Durham	2	0	1	1	1	5	N	45.76	100	
US 15, US 501	US 15-501 / NC 54 interchange (Raleigh Road)	SR 1742 (Ephesus Church Road)	Construct capacity improvements and add sidewalks, wide-outside lanes, and transit accommodations.	Chapel Hill	1	0	1	1	1	4	Y	47.70	0	Does not meet threshold for cascading project
US 501 Business (Roxboro Road)	SR 1443 (Horton Road)		Install turn lanes on US 501 Business (Roxboro Road) at Horton Road.	Durham	2	0	1	0	1	4	N	44.75	100	
NC 147 (Durham Freeway)	Elba Street/Trent Drive		Improve ramps by tying them into a roundabout with Elba Street and Trent Drive.	Durham	2	0	0	1	1	4	Y	37.94	100	Meets <\$5M threshold for cascading project
NC 54	NC 751	SR 1118 (Fayetteville Road)	Widen to Multi-Lanes with Bicycle, Pedestrian, and Transit Accommodations	Durham	1	0	1	1	0	3	N	40.30	100	
US 15, US 501	NC 147 (Durham Freeway)	US 70 Business (Hillsborough Road)	Signalize collector-distributor ramp intersections to improve safety.	Durham	2	0	0	0	1	3	Y	37.85	100	Meets <\$5M threshold for cascading project
NC 54	I-40	NC 751	Widen to Multi-Lanes with Bicycle, Pedestrian, and Transit Accommodations	Durham	1	0	1	1	0	3	N	37.11	100	
NC 54	SR 1118 (Fayetteville Road)	SR 1106 (Barbee Road)	Widen to Multi-Lanes with Bicycle, Pedestrian, and Transit Accommodations	Durham	1	0	1	1	0	3	N	31.65	100	
NC 54	SR 1106 (Barbee Road)	NC 55	Widen to Multi-Lanes with Bicycle, Pedestrian, and Transit Accommodations	Durham	1	0	1	1	0	3	N	31.05	100	
NC 751 (Hope Valley Road)	South Roxboro Road	Woodcroft Parkway	Widen to four lanes with bike lanes and sidewalks. Improve the NC 751 & South Roxboro Road intersection.	Durham	1	0	1	1	0	3	N	25.62	100	
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.	Durham	1	0	1	1	0	3	N	25.56	66	
US 70 Business	US 15-501 Business (Roxboro Street)	US 15/501 (Roxboro Street)	Convert the Downtown Loop from one-way to two-way traffic	Durham	0	0	1	1	1	3	N	19.51	0	

US 15 Business (Roxboro Street)	Pettigrew Street	East Main 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.	Durham	0	0	1	1	1	3	N	19.07	0	
NC 55	I-40		Add third SB lane on NC 55 from Meridian to I-40 EB on-ramp and improve ramp terminals. Also add bike/ped facilities.	Durham	0	0	1	1	0	2	N	51.65	0	
US 15, US 501	I-40	US 15/501 Business	I-40 to US 15/501 Bypass in Durham. Major Corridor Upgrade to Expressway	Durham	1	0	0	0	1	2	Y	43.41	0	
NC 54	SR 1937/SR 1107 Old Fayetteville Road		Improve intersection	Orange County	2	0	0	0	0	2	N	42.92	0	
NC 54	Neville Road		Improve intersection	Orange County	2	0	0	0	0	2	N	32.60	0	
Division 5 Non-Municipal Divisionwide Signal System			Add cameras and fiber to signals in division 5 which are outside of municipal systems and upgrade software and add equipment to enable monitoring of signals by Division staff. Division wide project. Will provide the list of signals.	Division 5	2	0	0	0	0	2	N	22.94	0	
US 70	SR 1959 (South Miami Blvd) / SR 1811 (Sherron Road)	Page Road Extension / New Leesville Road	Upgrade Roadway to Freeway.	Durham	1	0	0	0	0	1	Y	49.32	0	
I-40	NC 147	Wade Avenue	Construct Managed Lanes.	Durham	1	0	0	0	0	1	Y	45.37	0	
US 70	Page Road Extension	Alexander Drive in Wake County	Upgrade Roadway to Freeway	Durham	1	0	0	0	0	1	Y	38.25	0	
NC 86	US 70 Bypass	North of NC 57	Widen to four lanes with a median and Improve intersections at US 70 Bypass and NC 57.	Orange County	0	0	0	0	1	1	N	36.02	0	
NC 751	SR 1740 (Lewter Shop Road)	O'Kelly Chapel Road	Widen road to 4 Lanes with bicycle lanes on existing location.	Chatham County	0	0	0	1	0	1	N	32.77	0	
NC 54	US 15-501		Improve Interchange	Chapel Hill	1	0	0	0	0	1	N	30.44	0	
US 70	US 70 Connector		Reconstruct interchange to an at-grade intersection.	Orange County	0	0	0	0	1	1	N	18.43	0	
I-40	NC 54	NC 751	Construct auxiliary lane between ramps	Durham	0	0	0	0	0	0	Y	47.78	0	
NC 54	SR 1006 (Orange Grove Rd)	SR 1937 / SR 1107 (Old Fayetteville Rd)	Widen to a four-lane boulevard	Orange County	0	0	0	0	0	0	N	46.80	0	
US 15, US 501	NC 751	Pickett Road Overpass	Widen section of 15-501 bypass between Tower and NC 751 to 6 lanes	Durham	0	0	0	0	0	0	Y	45.65	0	

I-540	I-40	I-87	Construct managed shoulders in both directions along I-540. Managed lanes are expected to be in operation for approx 3 hours during morning and evening peak periods (6 hours total).	Wake County	0	0	0	0	0	0	Y	41.66	0	
US 15, US 501	SR 1919 (Smith Level Rd)	US 64 Pittsboro Bypass	Convert remaining non-synchronized sections of US 15-501 to synchronized between the Orange County Line and the US 64 Pittsboro Bypass	Chatham County	0	0	0	0	0	0	N	32.26	0	
I-540	I-40	US 1	Construct managed shoulders in both directions along I-540. Managed lanes are expected to be in operation for approx 3 hours during morning and evening peak periods (6 hours total).	Wake County	0	0	0	0	0	0	Y	26.60	0	
TOTAL													1166	

*Per the adopted Methodology, a minimum of 800 points will go towards highway projects.  
An additional 366 points are assigned to highway projects due to a lack of eligible non-highway projects.*

Non-Highway Projects

Methodology Criteria

Mode	Project	Description	Jurisdiction	Plan		Local Tax		Complements		Statewide		Proposed Local		Notes
				Consistency	Engineering	Revenues	Non-Highway	EJ	TOTAL	Cascade?	SPOT Score	Input Points		
Transit	Durham-Orange Light Rail Transit	Construct a 17.7 mile light rail transit line from North Carolina Central University in Durham to UNC Hospitals in Chapel Hill. The entire alignment will be dedicated light rail tracks, with portions in downtown Durham and Chapel Hill that will be accessible to bus traffic (but not automobile traffic). All service provided for this project will utilize light rail vehicles. On weekdays, peak services will operate at 10 minute intervals, and off-peak at 20 minutes. Weekend services will operate at 20-30 minute intervals.	Durham, Chapel Hill	2	1	1	1	1	6	N	53.33	100		
Transit	Commuter Rail from Durham to Garner	Construct commuter rail service and infrastructure. Project includes 4 locomotives and 8 coaches.	Durham, Wake	2	1	1	1	1	6	N	46.67	34	One-third of the project is within DCHC; remainder of points to come from CAMPO	
Transit	Durham to Raleigh Commuter Rail Service	Construct infrastructure and service for commuter rail service from Durham to Raleigh. Project includes 4 locomotives and 8 coaches.	Durham, Wake	2	1	1	1	1	6	N	43.89	0	Only one viable commuter rail project	
Transit	Durham to Wake Forest Commuter Rail	Construct infrastructure and service for commuter rail service from Durham to Wake Forest. Project includes 6 locomotives and 12 coaches.	Durham, Wake	2	1	1	1	1	6	N	40.19	0	Only one viable commuter rail project	
Transit	Durham to Raleigh to Garner/Wake Forest commuter rail	Construct infrastructure and service for 8-2,8-2 service to Raleigh and 4-1,4-1 service to Wake Forest and Garner. Project includes 6 locomotives and 12 coaches.	Durham, Wake	2	1	1	1	1	6	N	39.45	0	Only one viable commuter rail project	
Transit	Commuter Rail Transit, West Durham to Garner	Construct commuter-rail transit service adjacent to and/or within the existing North Carolina Railroad Corridor extending from West Durham to Greenfield station in Garner via RTP, Cary, and Raleigh. Provide four trains each direction during the morning rush hour, four in the evening rush hour, and one train each direction in the off-peak AM and PM (a total of ten trains each direction). The peak services will operate at one-hour intervals (e.g. leave origin station at 6:00 am, 7:00 am, 8:00 am, etc.).	Durham, Wake	2	1	1	1	1	6	N	34.63	0	Only one viable commuter rail project	
Transit	GoTriangle DRX Route bus service expansion FY 19	Purchase 3 additional vehicles in FY 19 to support headway reduction on DRX route.	Durham, Wake	2	1	1	1	1	6	N	29.63	100		
Transit	GoTriangle ODX Route bus service expansion FY23	Purchase one additional vehicle in FY23 to support headway reduction on the ODX route.	Durham, Hillsborough	2	1	1	1	1	6	N	20.56	100		
Transit	Mebane to Selma Commuter Rail Service	Construct infrastructure and service for commuter rail service from Mebane to Selma. Project includes 12 locomotives and 24 coaches.	Durham, Wake	2	1	0	1	1	5	N	31.48	0	Only one viable commuter rail project	
Rail	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.	Durham	2	1	0	1	0	4	Y	49.33	0	Does not meet threshold for cascading project	
Rail	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.	Durham	2	1	0	1	0	4	Y	45.78	100	Meets <\$5M threshold for cascading project	
Rail	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.	Durham	2	1	0	1	0	4	Y	42.13	0	Does not meet threshold for cascading project	
Rail	NS/NCRR H Line	Construction of second main track from East Durham Yard (MP 58.5) to Nelson (MP 63.5) in Durham.	Durham	2	1	0	1	0	4	Y	34.22	0	Does not meet threshold for cascading project	

Rail	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.	Hillsborough	2	1	0	1	0	4	Y	33.08	0	Does not meet threshold for cascading project
Rail	I-40 Rail Bridge in Durham County	Construct triple track bridge over I-40 in Durham County.	Durham	2	0	1	1	0	4	Y	4.91	0	Does not meet threshold for cascading project
Rail	NS/NCRR H Line	Construction of second main track from Control Point Funston (MP 49.8) to East Durham Yard (MP 56) in Durham.	Durham	2	0	0	1	0	3	Y	8.21	0	Does not meet threshold for cascading project
Rail	NCRR/NS H line	Construction of curve radius improvements from MP H 44.5 to MP H 48 near Hillsborough.	Orange County	0	1	0	1	0	2	Y	31.97	100	Meets <\$5M threshold for cascading project
Rail	NCRR/NS H line	Construction of curve radius improvements from MP H 38 to MP H 40.4 near Efland.	Orange County	0	1	0	1	0	2	Y	18.90	100	Meets <\$5M threshold for cascading project
Rail	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.	Hillsborough	0	0	0	1	1	2	Y	16.56	0	Does not meet threshold for cascading project
TOTAL												634	

66 points remaining from transit set aside due to lack of projects.

366 points remaining from non-highway projects due to lack of projects that meet established thresholds.