

Recommended DCHC MPO Local Input Points - Regional

MPO and Division Engineer points were developed cooperatively by staffs.

Red text indicates change from TCC's recommendation. Changes based on coordination with Division Engineers.

Very good chance to receive full funding.	Chance of funding.	Unlikely to be funded.
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Highway

Minimum scores to ensure funding for highways: 63 in Durham, 65 in Orange.

SPOT ID	Project Category	Route	From / Cross Street	To	Project Description	Cost to NCDOT	70% Regional Impact Quantitative Score (Out of 70)	15% Rec. MPO Regional Points	15% Rec. Division Engineer Points	= Final Score	Draft MPO Regional Points	Reason for Recommended Points
H140660	Regional Impact	NC-54	Farrington Road		Construct grade separation.	\$ 2,325,000	63.08	14	0	65.18	34	TCC: 25 points. Decreased to provide more points to H129685 Points likely unnecessary. However, a few points will ensure that it scores near the top in the highway mode.
H129685	Regional Impact	US-501 Roxboro Road	SR 1448 (Latta Road) / SR 1639 (Infinity Road)		Add lanes through intersection	\$ 2,100,000	50.21	86	0	63.11	92	TCC: 75 points. Increased to save Division Engineer points. Assigns minimum number of points to ensure funding.
H128065	Regional Impact	NC-751 Hope Valley Road	SR 1183 (University Drive)		Construct Roundabout	\$ 1,005,000	43.48	100	31	63.13	95	Assigns minimum number of points to ensure funding.
H090531-A	Regional Impact	NC-54	SR 1110 (Barbee Chapel Road)	I-40	Widen Roadway to 6 Lanes with Bicycle, Pedestrian, and Transit Facilities (Adjacent Multiuse Path)	\$ 9,100,000	42.63	100	36	63.03	98	Assigns minimum number of points to ensure funding.
H129638-A	Statewide Mobility	US-70	Lynn Road	Miami Blvd	Upgrade Roadway to Freeway	\$ 109,020,000	39.99	100	54	63.09	0	Although it is an expensive Statewide project, minimum number of points would ensure funding. 2030 in MTP. Complement to adjacent East End Connector and Miami/US 70 interchange projects.
H141550	Regional Impact	NC-54 Raleigh Road	Burning Tree Drive	Barbee Chapel Road	Improve NC 54 to a Superstreet design and construct interchange at Barbee Chapel Road	\$ 32,106,000	36.86	100	88	65.06	94	(82 points Division 7; 6 points Division 5.) Assigns minimum number of points to ensure funding.
H141884	Statewide Mobility	US-501 Fordham Blvd	NC 54, NC 86 (S. Columbia Street)		Construct additional lane for northbound to eastbound entry movement.	\$ 2,175,000	35.05	100	100	65.05	89	Assigns minimum number of points to ensure funding.
H090531-C	Regional Impact	NC-54	NC 751	SR 1118 (Fayetteville Road)	Widen to Multi-Lanes with Bicycle, Pedestrian, and Transit Accommodations	\$ 21,600,000	30.46	100	100	60.46	0	Segment of NC 54 widening with the best chance of funding. 2030 in MTP.
H090010-A	Statewide Mobility	I-40	I-85	US 15/501	Add Additional Lanes.	\$ 76,700,000	30.18	100	100	60.18	99	Chance of funding. 2020 in MTP.
H090366	Statewide Mobility	US-15, US-501	I-40	US 15/501	I-40 to US 15/501 Bypass in Durham. Major Corridor Upgrade	\$ 130,644,000	36.84	100	0	51.84	0	2040 in MTP. Although it would be ensured funding with full 200 points, the Division Engineer is unable to assign any points as it is an expensive Statewide project and would eliminate funding for several other Division 5 projects in Region C.
H129638-B	Statewide Mobility	US-70	Miami Blvd	Proposed Northern Durham Parkway	Upgrade Roadway to Freeway.	\$ 91,347,000	31.91	100	0	46.91	0	2030 in MTP. Division Engineer unable to assign any points. Would only have chance of funding with full 200 points. This project may score better in the Statewide category next time.
H129645	Regional Impact	US-501 Roxboro Road	US 501 Bypass (Duke Street)	SR 1640 (Goodwin Road)	Widen to Six Lanes	\$ 28,500,000	27.91	100	0	42.91	0	2030 in MTP. Very unlikely based on quantitative score. Division Engineer unable to assign any points.

H141779	Regional Impact	Durham Citywide Signal System			Upgrade the City of Durham Signal System (inc. central servers, signal controller upgrades for FYA and transit priority, CCTV network, fiber optic communications network, etc.).	\$ 12,824,000	27.51	100	0	42.51	99	Very unlikely based on quantitative score. Division Engineer unable to assign any points.
H111143-A	Statewide Mobility	US-15 Fordham Boulevard, US-501	SR 1742 (Ephesus Church Road)	NC 86 (Columbia Street)	Capacity improvements and possible interchange at Manning Drive, with Sidewalks, Wide-Outside Lanes, and Transit Accommodations.	\$ 95,330,000	32.62	0	0	32.62	0	2030 in MTP. Several other US 15-501 projects are funded from Statewide. A feasibility study is underway which will better define the project and may lower the cost. This project scores well in the Statewide category. Recommend waiting to see if it gets funded from the Statewide category next time while the study is underway.
H140374	Regional Impact	NC-54	SR 1006 (Orange Grove Rd)	SR 1937/1107 (Old Fayetteville Rd)	Widen to a four-lane boulevard	\$ 57,346,000	23.53	35	0	28.78	0	Not in MTP, and MPO member governments do not agree on the scope of the project. Recommend considering project for 2045 MTP. Recommend rejecting proposed donation of 65 points from TARPO. (TARPO'S 35 points are shown.)
H090652	Regional Impact	NC-751 Hope Valley Road	South Roxboro Road	NC 54	NC 751 (S. Roxboro Rd. to NC 54) Widen to 4-Lane, Bike Lanes, and Sidewalks.	\$ 8,276,000	27.34	0	0	27.34	100	TCC: 100 points. Eliminated points to assign points to R141797. 2030 in MTP. Very unlikely based on quantitative score.
H111097	Statewide Mobility	NC-147	East End Connector	US 15/501	Modernization, Pavement Rehabilitation, Interchange Consolidation/Upgrades, and Lighting (pending lighting study recommendations).	\$ 46,626,000	26.55	0	0	26.55	100	Very unlikely based on quantitative score.
H090531-E	Regional Impact	NC-54	SR 1106 (Barbee Road)	NC 55	Widen to Multi-Lanes with Bicycle, Pedestrian, and Transit Accommodations	\$ 46,400,000	26.52	0	0	26.52	100	2030 in MTP. More likely to get phase C funded in this TIP. Environmental study on entire length would be done at the same time. Recommend waiting to see if this segment scores better next time.

Public Transit

SPOT ID	Project Category	System	Project Description	Cost to NCDOT	70%	15%	15%	=	Draft MPO Regional Points	Reason for Recommended Points
					Regional Impact Quantitative Score (Out of 70)	Rec. MPO Regional Points	Rec. Division Engineer Points	Final Score		
T130027	Regional Impact	Triangle Transit	This is for a Neighborhood Transit Center (NTC) in Southern Durham to work in conjunction with the Southpoint Park and Ride.	\$66,000	41.37	100	100	71.37	99	High score. Low cost would have minimal impact on DO LRT.
T130030	Regional Impact	Triangle Transit	This is for a Neighborhood Transit Center (NTC) in Southwest Durham to work in conjunction with the Patterson Place Park and Ride.	\$66,000	41.04	100	100	71.04	87	High score. Low cost would have minimal impact on DO LRT.
T130035	Regional Impact	Triangle Transit	Light rail system from UNC Hospital in Chapel Hill to Alston Avenue in downtown Durham.	\$455,157,750	26.84	100	100	56.84	100	(23 points Division 7; 77 points Division 5) Assigns maximum points to maximize chance of funding.
T130028	Regional Impact	Triangle Transit	2 expansion buses are needed to increase peak frequency between Durham and Raleigh. The added buses will be used to implement 15 minute frequency between these two key Triangle cities.	\$94,420	11.25	0	0	11.25	85	Very unlikely based on quantitative score.
T130026	Regional Impact	Triangle Transit	2 buses are needed to provide service for a new route between downtown Durham, the hospitals, and the northern Durham area of Rougemont.	\$91,670	8.99	0	0	8.99	100	Very unlikely based on quantitative score.
T130034	Regional Impact	Triangle Transit	3 expansion buses are needed to increase the frequency of Route 700 between Durham & RTP to 15 minute frequency during morning & afternoon peak hours. This route also serves Durham Technical Community College and serves as one the major transit links between Durham and RTP.	\$145,879	8.94	0	0	8.94	41	Very unlikely based on quantitative score.
T130024	Regional Impact	Triangle Transit	2 expansion buses are needed for a new route to serve Mebane, Hillsborough, & Durham. Presently, areas of Orange County are underserved by public transit and these expansion buses would provide a link between cities in Orange County and Durham County to help remedy that. This route is due to a partnership between Triangle Transit, the City of Durham, and Orange County. If implemented in 2016, ridership is projected to be over 30,000 per day by 2020.	\$91,760	7.88	0	0	7.88	97	Very unlikely based on quantitative score.
T130025	Regional Impact	Triangle Transit	2 expansion buses are needed for additional service on the route that travels between Chapel Hill & Raleigh. This midday service was adopted in the Orange County Transit Plan and is expected to be implemented in 2016, adding an average yearly 753 revenue hours to our system total.	\$91,670	7.35	0	0	7.35	91	Very unlikely based on quantitative score.

Rail

SPOT ID	Project Category	City(ies)/ Town(s)	Rail Line	Project Description	Cost to NCDOT	70%	15%	15%	=	Draft MPO Regional Points	Reason for Recommended Points
						Regional Impact Quantitative Score (Out of 70)	Rec. MPO Regional Points	Rec. Division Engineer Points	Final Score		
R141797	Statewide Mobility	Durham	NS H line	Construct extension of East Durham Siding. Includes a combination of grade separations and closure at three crossings: Ellis Road - south end (734737A), Glover Road (734735L), and Wrenn Road (734736T).	\$34,255,000	28.34	100	88	56.54	0	TCC: 0 points. Assign enough points to make the final score just below the DO LRT project. Best chance to get a rail project funded although it is the lowest priority rail project according to the Durham TSS.
R140012	Statewide Mobility	Durham	NS H line	Grade separations at Blackwell St crossing (735229N) and Mangum St crossing (735231P) in Durham	\$55,000,000	21.94	100	100	51.94	0	Assign points as it is a high priority of the Durham TSS and because of mutual benefit to DO LRT. Recognize design challenges and public concerns on the project. More study is needed. Cost was lowered from \$136M.
R140014	Statewide Mobility	Durham	NS H line	Grade separation at Ellis Road - north end crossing (735236Y) in Durham.	\$16,411,000	21.80	100	58	45.50	100	Assign points as it is a high priority in the Durham TSS.

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Proposed DCHC MPO Local Input Points - Division

MPO and Division Engineer points were developed cooperatively by staffs.

Red text indicates change from TCC's recommendation. Changes based on coordination with Division Engineers.

Very good chance to receive full funding.	Chance of funding.	Unlikely to be funded.
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												Minimum scores to ensure funding for highways: 77 in Durham, 68 in Orange	
SPOT ID	Project Category	Route	From / Cross Street	To	Project Description	Cost to NCDOT	50% Division Needs Quantitative Score (Out of 50)	25% Rec. MPO Division Points	25% Division Engineer Points	= Final Score	Draft MPO Division Points	Reason for Recommended Points	
H090655	Division Needs	SR-1780 Estes Drive	SR 1772 (Greensboro Street)		SR 1780 (Estes Drive)/SR 1772 (Greensboro Street) Construct Roundabout.	\$ 775,000	35.34	77	57	68.84	98	TCC: 70 points. Increased to offset decreased Division Engineer points. Assigns minimum number of points to ensure funding.	
H090654	Division Needs	SR-1010 Franklin Street/East Main Street	Merritt Mill Road (SR 1771)/Brewer Lane		Franklin Street/Merritt Mill Road/Brewer Ln/E Main Street intersection Improvements.	\$ 775,000	34.84	68	68	68.84	92	TCC: 71 points. Decreased due to recalculated minimum score. Assigns minimum number of points to ensure funding.	
H090647	Division Needs	SR-1006 New Route - Orange Grove Road	SR 1006 (Orange Grove Road)	US 70A	Orange Grove Road Extension (Orange Grove Road to US 70) with Sidewalks and Bicycle Lanes	\$ 5,299,000	23.67	90	90	68.67	100	TCC: 93 points. Decreased due to recalculated minimum score. Assigns minimum number of points to ensure funding.	
H141304	Division Needs	- Woodcroft Pkwy Ext	Garrett Rd	Hope Valley Rd	Construct new alignment.	\$ 2,219,000	29.81	95	95	77.31	100	Assigns minimum number of points to ensure funding.	
H090200	Division Needs	SR-1009 South Churton Street	I-40	Eno River	I-40 to Eno River. Widen to Multi-Lanes with Landscaped Median, Bicycle Lanes, and Sidewalks, Widen Bridge No. 240 Over Southern Railroad.	\$ 26,240,000	22.35	93	93	68.85	0	TCC: 96 points. Decreased due to recalculated minimum score. Assigns minimum number of points to ensure funding.	
H090531-C	Regional Impact	NC-54	NC 751	SR 1118 (Fayetteville Road)	Widen to Multi-Lanes with Bicycle, Pedestrian, and Transit Accommodations	\$ 21,600,000	25.34	100	100	75.34	0	Chance of funding based on quantitative score. 2030 in MTP.	
H111056	Division Needs	SR-1771	SR 1008 (Mount Carmel Church Road)	1913 (Bennett Road)	Construct Roundabout and Related Safety Improvements at the Existing intersection of Mount Carmel Church Road and Bennett Road.	\$ 775,000	14.76	100	100	64.76	0	Many public comments in support of project. Chance of funding based on quantitative score and low cost.	
H090557	Division Needs	SR-1114 Buckhorn Road	SR 1144 (West Ten Road)	US 70	Widen to Multi-Lanes with Bicycle and Pedestrian Accommodations.	\$ 10,641,000	11.38	100	0	36.38	0	7 POINTS DONATED TO DCHC MPO FROM TARPO. Combination of DCHC MPO and BGMPPO points shown. Not in 2040 MTP. However, it is only 7% in DCHC MPO and MPO member jurisdictions support project.	
H128065	Regional Impact	NC-751 Hope Valley Road	SR 1183 (University Drive)		Construct Roundabout	\$ 1,005,000	35.03	0	0	35.03	97	Very good chance to be funded from the Regional category.	
H111162	Division Needs	SR-1005 Old Greensboro Road	SR 2057 (Sturbridge Lane)	Alamance County Line	Add 4-Foot Paved Shoulders	\$ 23,598,000	8.44	100	0	33.44	0	65 POINTS DONATED TO DCHC MPO FROM TARPO. Combination of DCHC MPO and TARPO points shown. In 2040 MTP as TSM project.	
H141884	Statewide Mobility	US-501 Fordham Blvd	NC 54, NC 86 (S. Columbia Street)		Construct additional lane for northbound to eastbound entry movement.	\$ 2,175,000	27.19	0	0	27.19	0	TCC: 86 points. Eliminated points to assign points to B142268. Very good chance to be funded from the Regional category.	

H090637	Division Needs	SR-1118 Fayetteville Road	Woodcroft Pkwy	SR 1171 (Riddle Road)	SR 1118 (Fayetteville Road) (Woodcroft Pkwy to Riddle Road (SR 1171)) Widen to 4-Lane Divided, Bikelanes and Sidewalks.	\$ 21,509,000	22.86	0	0	22.86	100	Very unlikely based on quantitative score. Division Engineer unable to assign any points.
H090641	Division Needs	SR-1780 Estes Drive	NC 86	Caswell Road	Estes Drive (NC 86 to Caswell Road) Widen Existing Roadway to include Two 12-Foot Travel Lanes, Four-Foot Bicycle Lanes and Sidewalks.	\$ 4,446,000	20.77	0	0	20.77	97	CMAQ funded project that can be implemented more quickly than STI project.

Public Transit

SPOT ID	Project Category	System	Project Description	Cost to NCDOT	50%			25%		25%		Draft MPO Division Points	Reason for Recommended Points
					Division Needs Quantitative Score (Out of 50)	Rec. MPO Division Points	Division Engineer Points	Final Score	=				
T130001	Division Needs	Durham Area Transit Authority	This is for a Neighborhood Transit Center (NTC) located in The Village to work in conjunction with routes 2b, 3, 16a, and 16b.	\$66,000	32.22	0	0	32.22	100	High score but low cost compared to competitive rail and bike/ped projects.			
T130045	Division Needs	Chapel Hill Transit	Extend local bus service from Friday Center to serve demand in 54 corridor to I-40 or beyond.	\$48,296	20.82	0	0	20.82	100	Very unlikely based on quantitative score. Low cost compared to competitive rail and bike/ped projects.			
T130046	Division Needs	Chapel Hill Transit	Extend local bus service from Friday Center to serve demand in 54 corridor to I-40 or beyond.	\$48,296	20.82	0	0	20.82	77	Very unlikely based on quantitative score. Low cost compared to competitive rail and bike/ped projects.			
T130043	Division Needs	Chapel Hill Transit	Expand CL&D route and service hours. Extend service from Chapel Hill to connect with DATA and Triangle Transit at New Hope Commons.	\$46,929	15.04	0	0	15.04	100	Very unlikely based on quantitative score. Low cost compared to competitive rail and bike/ped projects.			
T130044	Division Needs	Chapel Hill Transit	Expand CL&D route and service hours. Extend service from Chapel Hill to connect with DATA and Triangle Transit at New Hope Commons.	\$46,929	15.04	0	0	15.04	100	Very unlikely based on quantitative score. Low cost compared to competitive rail and bike/ped projects.			
T130009	Division Needs	Chapel Hill Transit	An additional bus (1) will be introduced along the Martin Luther King Jr. - South Columbia - 15/501 corridor (NU Route). Improvements will include headway reduction and amenity improvements along the corridor.	\$79,596	14.36	0	0	14.36	56	Very unlikely based on quantitative score. Low cost compared to competitive rail and bike/ped projects.			

Rail						50%	25%	25%	=		
SPOT ID	Project Category	City(ies)/ Town(s)	Rail Line	Project Description	Cost to NCDOT	Division Needs Quantitative Score (Out of 50)	Rec. MPO Division Points	Division Engineer Points	Final Score	Draft MPO Division Points	Reason for Recommended Points
R141802	Division Needs	Hillsborough	NS H line	Construct platform, passenger rail station building, site access, utilities, and parking on Hillsborough owned site. Station building is comparable to Kannapolis	\$8,000,000	18.97	100	100	68.97	100	Assigns maximum points to maximize chance of funding. Most expensive non-highway Division project.

Bicycle and Pedestrian						50%	25%	25%	=	The minimum score to ensure funding for non-highway projects is likely 80.		
SPOT ID	Project Category	Route	From / Cross Street	To	Project Description	Cost to NCDOT (Federal Funds Only Eligible)	Division Needs Quantitative Score (Out of 50)	Rec. MPO Division Points	Division Engineer Points	Final Score	Draft MPO Division Points	Reason for Recommended Points
B141277	Division Needs	LaSalle Street	Kangaroo Dr	Sprunt St	Construct sidewalks on both sides of LaSalle St between Kangaroo Dr and Hillsborough Rd, and on one side between Hillsborough Rd and Sprunt Ave.	\$488,200	40.43	100	100	90.43	92	Assigns maximum points to maximize chance of funding.
B141247	Division Needs	Raynor Street	Miami Blvd	Hardee St	Construct sidewalks on one side of local street.	\$300,250	38.38	100	100	88.38	95	Assigns maximum points to maximize chance of funding.
B141102	Division Needs	NC 54	NC 55	RTP limits	Construct sidewalk on southside to fill in existings gaps..	\$331,250	36.99	100	100	86.99	0	Assigns maximum points to maximize chance of funding.
B140719	Division Needs	US 501 Bypass (N Duke Street)	Murray Ave	N Roxboro Rd	Construct sidewalks on east side to fill in existing gaps.	\$1,607,250	34.80	100	100	84.80	0	Assigns maximum points to maximize chance of funding.
B141096	Division Needs	Bryant Bridge Trail	NC 55	Kelly Bryant Bridge	Construct shared use path.	\$1,234,750	31.82	100	100	81.82	97	Assigns maximum points to maximize chance of funding.
B140778	Division Needs	US 15-501 (Fordham Blvd)	Cleland Drive	Willow Drive	Upgrade existing off-road path and construct new section of sidepath.	\$446,488	34.22	100	84	80.22	100	Assigns minimum number of points to ensure funding.
B142268	Division Needs	SR 1008 Mt. Carmel Church Road	SR-1008 Old Farrington Point Road	Orange County Line	Construct Bicycle lanes along SR 1008 Mt. Carmel Church Road from SR 1008 Old Farrington Point Road to the Orange County Line.	\$434,070	15.44	100	100	65.44	0	TCC: 0 points (did not have score). Assigns maximum points to maximize chance of funding and match Division 8. Highest scoring bike/ped project in Chatham County portion of DCHC MPO.
B141103	Division Needs	Finley Golf Course Road	US 15-501/NC 54	NC 54	Construct sidepath on one side or bicycle lanes.	\$2,831,336	33.68	100	0	58.68	0	Assigns maximum points to maximize chance of funding. More expensive than other bike/ped projects.
B140627	Division Needs	Morgan Creek Greenway Trail Phase 2 (Carrboro)	University Lake	End of Phase 1	Construct multi-use path from University Lake to the western terminus of Phase 1 and construct a multi-use path spur to BPW Club Rd.	\$2,279,310	33.02	100	0	58.02	0	Assigns maximum points to maximize chance of funding. More expensive than other bike/ped projects. Phase 2 will likely be paritally funded with STPDA/TAP. This project includes portions of phases 2, 3, and 4.
B141116	Division Needs	SR 1919 (S Greensboro Street)	Old Pittsboro Rd	NC 54	Construct sidewalk on west side.	\$896,566	33.17	100	0	58.17	0	TCC: 100 points. Decreased in order to assign points to B142266. Project will likely be partially funded with STPDA.

B142266	Division Needs	SR 1532 Manns Chapel Road	US 15-501	SR-1534 - Poythress Road	Construct Bicycle lanes along SR 1532 Manns Chapel Road from US 15-501 to SR 1534 Poythress Road	\$704,900	13.69	77	77	52.19	0	TCC: 0 points (did not have score). Assigns points to match Division 8.
B140787	Division Needs	Campus to Campus Connector	Merritt Mill Rd	Carolina North Campus	Construct multi-facility signed route (on-road and trail) providing bicycle and pedestrian connectivity.	\$1,779,045	34.01	0	0	34.01	99	TCC: 89 points. Decreased points in order to assign points to B142268 and B142266. Lower priority due to delay in development of Carolina North.
B141113	Division Needs	NC 157 (Guess Road)	Hillcrest St	W Carver St	Construct sidewalks on both sides of Guess Rd. to fill in sidewalk gaps.	\$503,600	30.85	0	0	30.85	0	Insufficient points to assign.
B141100	Division Needs	NC 55	Riddle Rd	Cecil St	Construct sidewalks on east side to fill in missing gaps.	\$565,400	30.41	0	0	30.41	0	Insufficient points to assign.

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