

DCHC MPO SPOT PRIORITIZATION 4.0: LOCAL INPUT POINTS FOR REGIONAL IMPACT CATEGORY PROJECTS

Factors used to determine assignment of DCHC MPO Local Input Points for Regional Impact Category Projects (from pg. 17 of the DCHC MPO's adopted Methodology)

- 1 The likelihood of receiving funding through STI considering the amount of funding available within each Division or Region, historical funding levels for the mode, and the normalization limitations that NCDOT has adopted
- 2 The priorities of the current MTP including the adopted distribution of funding between modes and the planning horizon year of projects
- 3 The effect that receiving funding for a project may have on the likelihood of other projects being funded in the Division or Region considering the limitations set by the STI legislation
- 4 If the project is located within an area of overlapping Environmental Justice Communities of Concern identified in the MPO's 2014 Environmental Justice Report
- 5 Public input received during public input sessions
- 6 Geographic and jurisdictional balance

Regional Points Guidelines from DCHC MPO Adopted Methodology

- 300 Public Transportation
- 800 Highway
- 700 Flexible to any mode

Actual Regional Points Allocation

- 408 Public Transportation
- 292 Rail
- 1158 Highway

DCHC MPO Preliminary Local Input Point Assignment for Regional Impact category projects

7/25/2016

Total of 1858 points available for Regional Impact category. 58 Points donated by TARPO.

DCHC MPO Local Input Points	SPOT ID	Mode	Route/Facility Name	From/Cross Street	To/Cross Street	Project Description	Funding Region / Division	SPOT P4.0 Raw Score (Regional Category)	Funding Tier	Cost to NCDOT	Methodology/Reasoning for Points Assignment (or No Points)*
100	H149000-C	Highway	NC 54	SR 1110 (Barbee Chapel Road)	I-40	Widen Roadway to 6 Lanes with Bicycle, Pedestrian, and Transit Facilities (Adjacent Multiuse Path)	C / 05	49.92	Regional Impact	\$26.7M	Factors 1, 2, 3, & 6
0	H090366-B	Highway	US 15 , US 501	I-40, Mt. Moriah Rd, and SW Durham Dr Intersections		Improve Interchange Area including Mount Moriah Road and SW Durham Drive	C / 05	48.2	Statewide Mobility	\$195.3M	Factors 1 & 3. This project is listed in the statewide tier. The DCHC MPO anticipates this project receiving funding in the statewide tier in SPOT P5.0.
0	H111131	Highway	I-40	NC 147	US 15/501	Construct 1 Managed Lane Per Direction (Additional 16Ft of Pavement - 12Ft Lanes + 4Ft Pavement For Separation with General Purpose Lanes).	C / 05	47.3	Statewide Mobility	\$310.2M	Factors 1 & 3. Also, a toll study is underway. More information will be available from the toll study. The managed lanes projects are expensive projects and would be eligible for funding in the statewide tier in SPOT P5.0.
0	H111013	Highway	I-40	NC 147	Wade Avenue	Construct Managed Lanes.	C / 05	46.52	Statewide Mobility	\$724.9M	Factors 1 & 3. Also, a toll study is underway. More information will be available from the toll study. The managed lanes projects are expensive projects and would be eligible for funding in the statewide tier in SPOT P5.0.
100	H149001-D	Highway	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.	D / 07	46.17	Statewide Mobility	\$32.4M	Factors 1, 2, 3 & 6
0	H150787	Highway	Morrisville Citywide Signal System			Construct city wide ITS/signal system	C / 05	45.97	Regional Impact	\$837,000	This project isn't in our MPO area so we aren't putting MPO Local Input Points on it.
100	H090010-AC	Highway	I-40	NC 86		Improve interchange	D / 07	45.84	Statewide Mobility	\$16.5M	Factors 1, 2, 3, 4, & 6.
0	H149000-F	Highway	I-40	NC 54/Farrington Road/Falconbridge Road		Improve Interchange at I-40 and NC 54, construct grade separation and slip ramp at Farrington Road, construct interchange at Falconbridge Road, and provide a connector between Farrington and Falconbridge Roads	C / 05	45.58	Statewide Mobility	\$94.1M	Factors 1 & 3. Also, this interchange area will be included in the study/design for the larger U-5774 TIP project. Not putting Regional points on it will not impact the schedule.
100	H149001-B	Highway	US 15 , US 501	US 15-501 / NC 86 interchange (South Columbia Street)	US 15-501 / NC 54 interchange (Raleigh Road)	Construct capacity improvements and add sidewalks, wide-outside lanes, and transit accommodations.	D / 07	45.48	Statewide Mobility	\$28.7M	Factors 1, 2, 3 & 6
0	H090366-A	Highway	US 15 , US 501	I-40	US 15/501 Business	I-40 to US 15/501 Bypass in Durham. Major Corridor Upgrade to Expressway	C / 05	45.37	Statewide Mobility	\$195.3M	Factors 1 & 3. This project is listed in the statewide tier. The DCHC MPO anticipates this project receiving funding in the statewide tier in SPOT P5.0.
0	H149002	Highway	I-40	Aviation Parkway	I-540	Construct Auxiliary on I-40 Westbound between Aviation Parkway and Airport Blvd, and Airport Blvd and I-540; and I-40 Eastbound between Airport Blvd and Aviation Parkway	C / 05	45.26	Statewide Mobility	\$16.5M	Factors 1, 3, and 6. Also, only a very small segment of this project is located in the DCHC MPO area so very few points would be assigned to this project.
100	H149000-B	Highway	NC 54 (Raleigh Road)	US 15-501	SR 1110 (Barbee Chapel Road)	Upgrade Roadway to Superstreet with Bicycle and Pedestrian accommodations and construct interchange at Barbee Chapel Road	D & C / 07 & 05	45.18	Regional Impact	\$41.9M	Factors 1, 2, & 3.

DCHC MPO Preliminary Local Input Point Assignment for Regional Impact category projects

7/25/2016

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DCHC MPO Local Input Points	SPOT ID	Mode	Route/Facility Name	From/Cross Street	To/Cross Street	Project Description	Funding Region / Division	SPOT P4.0 Raw Score (Regional Category)	Funding Tier	Cost to NCDOT	Methodology/Reasoning for Points Assignment (or No Points)*
100	H141779	Highway	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.).	C / 05	45.07	Regional Impact	\$19.7M	Factors 1, 2, & 3.
0	H150786	Highway	NC 147	Duke Street (Exit 12C)	Briggs Avenue (Exit 10)	Operational improvements from Duke Street to Briggs Avenue	C / 05	44.65	Statewide Mobility	\$58M	Factors 1 & 3. This project is partially funded in the statewide tier. This will allow the project to be studied and move forward. Currently, not enough information is known about the specifics of this project for the MPO to assign points to it at this time.
100	H149001-A	Highway	US 15 , US 501	NC 54, NC 86 (South Columbia St)		Improve interchange	D / 07	43.85	Statewide Mobility	\$35M	Factors 1, 2, & 3.
100	H149000-H	Highway	NC 54	NC 751	SR 1118 (Fayetteville Road)	Widen to Multi-Lanes with Bicycle, Pedestrian, and Transit Accommodations	C / 05	43.1	Regional Impact	\$21.6M	Factors 1, 2, & 3.
100	T150600	Public transportation	GoTriangle UNC Neighborhood Transit Center			Design and construction of NTC for a UNC Hospitals Neighborhood transit center transfer station.	D & C / 07 & 05	42.78	Regional Impact	\$36,000	Factors 1, 2, 3, 4, 5, & 6.
100	H150228	Highway	I-85	NC 86		Construct new interchange to accommodate increased increased traffic & Diamond with 2-lane and 4-lane widened NC 86 on bridge with turn lanes.	D / 07	42.72	Statewide Mobility	\$16.4M	Factors 1, 2, 3, & 6.
0	H150968	Highway	NC 147	I-40	East End Connector	Add northbound and southbound auxiliary lanes: NB from either Cornwallis or TW Alexander to the EEC, and SB from the EEC to either Cornwallis or I-40. Request Congestion Management to determine the best configuration.	C / 05	42.61	Statewide Mobility	\$30M	Factors 1 & 3. This project is listed in the statewide tier. The DCHC MPO anticipates this project receiving funding in the statewide tier in SPOT P5.0.
74	R141797	Rail	East Durham Siding & grade separations at Ellis (south), Glover, and Wrenn			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	C / 05	42.55	Statewide Mobility	\$49.2M	Factors 1, 2 & 3. This project is listed in the statewide tier. The DCHC MPO anticipates this project receiving funding in the statewide tier in SPOT P5.0. By not putting points on this expensive project, the MPO anticipates Ellis Road north grade
100	H140374-E	Highway	NC 54	SR 1937/SR 1107 Old Fayetteville Road		Improve intersection	D / 07	42.07	Regional Impact	\$1.2M	Factors 1, 3, 5 & 6.
0	H129638-C	Highway	US 70	SR 1959 (South Miami Blvd) / SR 1811 (Sherron Road)	Page Road Extension / New Leesville Road	Upgrade Roadway to Freeway.	C / 05	42	Statewide Mobility	\$151.2M	Factors 1 & 3. This project is listed in the statewide tier. The DCHC MPO anticipates this project receiving funding in the statewide tier in SPOT P5.0.
50	T150813	Public transportation	GoTriangle Garage Expansion			Upgrade garage facility. Doubling of existing facilities at 5120 Nelson Rd Morrisville Rd to ensure continuation of service if Wake County receives funding for operations expansion.	C / 05	41.8	Regional Impact	\$1.7M	Factors 1, 2, 3, 4, 5, & 6.
0	H150229	Highway	I-40	NC 147 (Durham Freeway)		Improve existing NC 147 Durham Freeway SE on-ramp to I-40 toward Raleigh. Ramp improvement only.	C / 05	41.42	Statewide Mobility	\$17M	Factors 1 & 3. This project is listed in the statewide tier. The DCHC MPO anticipates this project receiving funding in the statewide tier in SPOT P5.0.
0	H111011	Highway	NC 751 (Hope Valley Road)	NC 54	Southpoint Auto Park Blvd	Widen Roadway to Four Lanes with a Median with Bicycle, Pedestrian and Transit Facilities As Appropriate.	C / 05	41.13	Regional Impact	\$16.5M	Factors 1, 3, 6.
0	H090010-AB	Highway	I-40	NC 86	US 15/501	Add Additional Lanes.	D / 07	41.09	Statewide Mobility	\$47.4M	Factors 1 & 3. This project is listed in the statewide tier. The DCHC MPO anticipates this project receiving funding in the statewide tier in SPOT P5.0.

DCHC MPO Preliminary Local Input Point Assignment for Regional Impact category projects

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65	H140374-F	Highway	NC 54	SR 1006 (Orange Grove Rd)	SR 1937/1107 (Old Fayetteville Rd)	Operational improvements along the corridor with bicycle and pedestrian accommodations	D / 07	41.07	Regional Impact	\$3.9M	Factors 1, 3, 5 & 6.
0	H140374-A	Highway	NC 54	SR 1006 (Orange Grove Rd)	SR 1937/1107 (Old Fayetteville Rd)	Widen to a four-lane boulevard	D / 07	40.85	Regional Impact	\$70.4M	Factors 2 & 5. This project is not in the MPO's 2040 MTP and it is not supported by the public or elected officials.
100	R140014	Rail	Ellis Road north grade separation			Grade separation at Ellis Road - north end crossing (735236Y) in Durham.	C / 05	39.61	Statewide Mobility	\$4.5M	Factors 1, 2 & 3.
100	T150613	Public transportation	GoTriangle Future Rougemont Route			Improvement of Transit Corridors (Roxboro Transit corridor from Denfield St to Pettigrew St/Durham Station access and stop improvements, bus shelters). These improvements also serve GoDurham Routes 9a, 9b, and 4.	C / 05	39.46	Regional Impact	\$159,000	Factors 2 & 4.
0	H110997	Highway	NC 147 (Durham Freeway)	I-40	East End Connector	Add Additional Travel Lanes and Rehabilitate Pavement.	C / 05	39.19	Statewide Mobility	\$158M	The DCHC MPO assigned Local Input Points to Regional Impact projects beginning with Public Transportation, then Rail, and then Highway projects. The DCHC MPO used the quantitative scores as a basis for the ranking and then applied the MPO's Methodology to assign Local Input Points. All Local Input Points were assigned to projects that ranked higher than this project.
0	H149000-J	Highway	NC 54	SR 1106 (Barbee Road)	NC 55	Widen to Multi-Lanes with Bicycle, Pedestrian, and Transit Accommodations	C / 05	39.16	Regional Impact	\$30.6M	The DCHC MPO assigned Local Input Points to Regional Impact projects beginning with Public Transportation, then Rail, and then Highway projects. The DCHC MPO used the quantitative scores as a basis for the ranking and then applied the MPO's Methodology to assign Local Input Points. All Local Input Points were assigned to projects that ranked higher than this project.
0	H149000-A	Highway	NC 54 (Raleigh Road)	US 15-501		Improve Interchange	D / 07	38.62	Statewide Mobility	\$14.3M	The DCHC MPO assigned Local Input Points to Regional Impact projects beginning with Public Transportation, then Rail, and then Highway projects. The DCHC MPO used the quantitative scores as a basis for the ranking and then applied the MPO's Methodology to assign Local Input Points. All Local Input Points were assigned to projects that ranked higher than this project.

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100	R150314	Rail	Cornwallis Road grade separation			Construct grade separation at Cornwallis Rd.	C / 05	38.22	Statewide Mobility	\$12M	Factors 1, 2 & 3.
0	H149000-G	Highway	NC 54	I-40	NC 751	Widen to Multi-Lanes with Bicycle, Pedestrian, and Transit Accommodations	C / 05	37.81	Regional Impact	\$32M	The DCHC MPO assigned Local Input Points to Regional Impact projects beginning with Public Transportation, then Rail, and then Highway projects. The DCHC MPO used the quantitative scores as a basis for the ranking and then applied the MPO's Methodology to assign Local Input Points. All Local Input Points were assigned to projects that ranked higher than this project.
0	H090010-AA	Highway	I-40	I-85	NC 86	Add Additional Lanes.	D / 07	37.27	Statewide Mobility	\$97.3M	The DCHC MPO assigned Local Input Points to Regional Impact projects beginning with Public Transportation, then Rail, and then Highway projects. The DCHC MPO used the quantitative scores as a basis for the ranking and then applied the MPO's Methodology to assign Local Input Points. All Local Input Points were assigned to projects that ranked higher than this project.
50	T150797	Public transportation	GoTriangle DRX Expansion			Expansion vehicles purchased to increase frequency	C / 05	36.44	Regional Impact	\$243,105	Factors 2 & 4.
0	H129645	Highway	US 501 (Roxboro Road)	US 501 Bypass (Duke Street)	SR 1640 (Goodwin Road)	Widen to Six Lanes	C / 05	35.86	Regional Impact	\$49M	The DCHC MPO assigned Local Input Points to Regional Impact projects beginning with Public Transportation, then Rail, and then Highway projects. The DCHC MPO used the quantitative scores as a basis for the ranking and then applied the MPO's Methodology to assign Local Input Points. All Local Input Points were assigned to projects that ranked higher than this project.
0	H129638-D	Highway	US 70	Page Road Extension / New Leesville Road in Durham County	Alexander Drive in Wake County	Upgrade Roadway to Freeway	C / 05	35.83	Statewide Mobility	\$81.8M	The DCHC MPO assigned Local Input Points to Regional Impact projects beginning with Public Transportation, then Rail, and then Highway projects. The DCHC MPO used the quantitative scores as a basis for the ranking and then applied the MPO's Methodology to assign Local Input Points. All Local Input Points were assigned to projects that ranked higher than this project.
0	H150716	Highway	I-540	I-40	I-495 (Knightdale Bypass)	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).	C / 05	35.58	Statewide Mobility	\$97.2M	The DCHC MPO assigned Local Input Points to Regional Impact projects beginning with Public Transportation, then Rail, and then Highway projects. The DCHC MPO used the quantitative scores as a basis for the ranking and then applied the MPO's Methodology to assign Local Input Points. All Local Input Points were assigned to projects that ranked higher than this project.

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0	H111036	Highway	NC 86	US 70 Bypass	North of NC 57	Widen Roadway to Four Lanes with a Median and Improve intersections at US 70 Bypass and NC 57 .	D / 07	35.07	Regional Impact	\$34M	The DCHC MPO assigned Local Input Points to Regional Impact projects beginning with Public Transportation, then Rail, and then Highway projects. The DCHC MPO used the quantitative scores as a basis for the ranking and then applied the MPO's Methodology to assign Local Input Points. All Local Input Points were assigned to projects that ranked higher than this project.
50	T150454	Public transportation	GoTriangle Expansion Vehicles CRX Route			Five expansion vehicles purchased to increase frequency	C & D / 5 & 7	34.91	Regional Impact	\$243,105	Factors 2, 3, & 6.
0	H150345	Highway	I-85	West of Mt. Herman Church Road grade separation	west of Durham County Line	Widen one lane in each direction	D / 07	34.76	Statewide Mobility	\$53.4M	The DCHC MPO assigned Local Input Points to Regional Impact projects beginning with Public Transportation, then Rail, and then Highway projects. The DCHC MPO used the quantitative scores as a basis for the ranking and then applied the MPO's Methodology to assign Local Input Points. All Local Input Points were assigned to projects that ranked higher than this project.
18	R150274	Rail	Piedmont			Purchase five new bi-level passenger cars for future Piedmont service between Raleigh and Charlotte	C & D & E / 5 & 7 & 8	34.64	Regional Impact	\$18M	Factors 2, 3, & 6.
58	T150450	Public transportation	GoTriangle Holloway Street Transit Corridor Improvements			Holloway Street Transit Corridor, Transit Corridor improvements (access and stop improvements. GoDurham 3, 16, 16A, 16B	C / 05	34.16	Regional Impact	\$106,000	Factors 2, 3, & 6.
0	H150278	Highway	NC 751	South Roxboro Rd	Woodcroft Parkway	NC 751 (S. Roxboro Rd to NC 54) Widen to 4 lane, bike lane and sidewalks. This project includes the realignment of the NC 751 & South Roxboro Road intersection. The realignment can't be entered using the SPOT Online tool.	C / 05	33.91	Regional Impact	\$5.1M	The DCHC MPO assigned Local Input Points to Regional Impact projects beginning with Public Transportation, then Rail, and then Highway projects. The DCHC MPO used the quantitative scores as a basis for the ranking and then applied the MPO's Methodology to assign Local Input Points. All Local Input Points were assigned to projects that ranked higher than this project.
0	H149000-I	Highway	NC 54	SR 1118 (Fayetteville Road)	SR 1106 (Barbee Road)	Widen to Multi-Lanes with Bicycle, Pedestrian, and Transit Accommodations	C / 05	33.66	Regional Impact	\$33.6M	The DCHC MPO assigned Local Input Points to Regional Impact projects beginning with Public Transportation, then Rail, and then Highway projects. The DCHC MPO used the quantitative scores as a basis for the ranking and then applied the MPO's Methodology to

