

**Winston-Salem Urban Area Metropolitan Planning Organization
Transportation Advisory Committee
Action Request**

Meeting Date: July 18, 2024 **Agenda Item Number:** 7

Action Requested: Review and Consideration of the Prioritization 7.0 Regional Impact Project Local Input Point Assignments for the Winston-Salem Urban Area Metropolitan Planning Organization (WSUAMPO)

The State Transportation Improvement Program (STIP) identifies the construction funding for and scheduling of transportation projects at the state level over a 10-year period. The North Carolina Department of Transportation (NCDOT) proactively updates the STIP every two years to ensure it accurately reflects the state's current financial situation.

The Strategic Transportation Investments law mandates ongoing evaluation and improvement to ensure the process continues to be responsive to North Carolina's diverse needs. This is accomplished through what is known as the strategic prioritization process. Prioritization 7.0 began in Spring 2023.

NCDOT has released the preliminary scores for projects evaluated for the 2026-2035 STIP. Projects that did not score high enough to be funded in the Statewide category are considered and potentially funded in the Regional Impact category. Projects that do not score high enough to be funded in the Regional Impact category can be considered and potentially funded in the Division Needs category. Projects in these categories are scored and ranked based on data as well as local input.

From May 28 through August 30, NCDOT's 14 divisions – as well as metropolitan and regional planning organizations will rank Regional Impact category projects, which involves assigning what are called "local input points." NCDOT will then combine the local input points assigned by each group to generate the total score for each project. Total scores for Regional Impact projects are scheduled to be released before the end of September 2024. A similar process will then take place for the Division Needs category projects.

The Winston-Salem Urban Area MPO has a pool of 1,900 local input points at the Regional Impact level. The maximum number of points that can be applied to any given project at each level is 100. The MPO also has the option to “flex” an additional 500 points from the Division Needs category. Due to the financial picture for Division Needs category indicating no room for additional projects, the Winston-Salem Urban Area MPO is exercising the “flex” option and will allocate 2,400 local input points in the Regional Impact category. Region D has available funding.

TAC Vote: Motion by: _____ **Second by:** _____

Vote: For _____ **Against** _____

MPO staff evaluated thirty-five (35) eligible projects in accordance with the TAC-approved qualitative and quantitative criteria as part of the Local Input Point Assignment Methodology approved in March 2024. The highest ranked Regional Impact project in each mode shall receive the maximum allowance of Local Input Points (100 points). Projects that span multiple MPOs are only eligible for the equivalent share of points in each MPO and thus are not eligible to receive a full 100 points from any given MPO without prior agreement. The remaining points were allocated strategically, in coordination with NCDOT Division 9, neighboring MPOs, and in response to public comment. Adoption of this item will approve the allocation of 2,400 points across twenty-seven (27) projects as indicated in the attached table.

The MPO held a public review period from June 14 to July 15, 2024, and held a drop-in public meeting on July 1, 2024 from 7 am to 6 pm. Eighty-one (81) people attended the meeting and submitted comments via written surveys. The MPO offered an online survey opportunity, direct email, mail, and an interactive map as alternative avenues for comment submission. As of July 4, 2024, over 300 written public comments have been received, and an additional 1,000 interactions (likes and dislikes) have been received through the interactive map. All public comments, local point assignments, projects, evaluations, are published on the MPO's STI webpage: <https://www.cityofws.org/1254/STI-SPOT-Prioritization>.

Winston-Salem Urban Area MPO Regional Impact Projects: Prioritization 7.0 - DRAFT POINT ASSIGNMENT (2400 POINTS) - (Updated 7/5/2024)

DRAFT MPO Criteria Rank (Out of 35)	Rank Among All Eligible Region D Projects Based on Quantitative Score (Out of 195)	SPOT ID	Mode	TIP	Project Category	Route / Facility / Project Name	From / Cross Street / Location	To / Cross Street	Description	Specific Improvement Type	Cost to NCDOT	Statewide Mobility Quantitative Score (Out of 100)	Regional Impact Quantitative Score (Out of 70)	Division Needs Quantitative Score (Out of 50)	County(ies)	Submitter	MPO Quantitative Score (out of 60 pts)	MPO Qualitative Score (out of 40 pts)	Total MPO Score (out of 100)	Local Input Points to be Granted
1	166	H184620	Highway		Regional Impact	NC 801	SR 1731 (Oak Valley Boulevard)	US 158	Widen NC 801 to multi-lane roadway with bike lanes and sidewalks.	1 - Widen Existing Roadway	\$ 49,800,000	N/A	24.39	23.75	Davie	WSUAMPO	30	120	150	100
2	64	H171393	Highway		Regional Impact	NC 66 (Old Hollow Road)	US 158	NC 66 (Mountain Street)	Widen to a 2 lane section with center turn lane (3-lane section) with curb and gutter, bike lanes and sidewalks	1 - Widen Existing Roadway	\$ 37,600,000	N/A	42.11	35.49	Forsyth	Division 9	40	80	120	100
3	151	H231549	Highway	R-2568C	Regional Impact	NC 109	North of SR 1756 (Old Greensboro Road)	I-40, US 311	Bypass of Wallburg on New Location	5 - Construct Roadway on New Location	\$ 517,200,000	N/A	27.48	15.07	Davidson, Forsyth	HPMPO	21	80	101	52

KEY TO CELL COLORS	
Selected for Local Input Points	Not Selected for Local Input Points

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4	54	H150249	Highway	U-6074	Statewide Mobility	US 421	SR 1122 (Jonestown Road)	N/A	Upgrade the existing interchange by constructing additional travel and turn lanes on US 421 SB Ramp-Loop and Hanes Mall Blvd at intersection of Jonestown Rd. Revise TLs and storage on Jonestown Rd between Hanes Mall Blvd and US 421 NB Ramps. Remove two-way traffic from 421 NB On-ramp. Add lane to 421 NB On-ramp, extend accel lane distance onto mainline. Construct connector road from Benton Dr to Southwin Dr to accommodate access due to NB ramp revisions. Widen Jonestown Rd bridge. Add sidewalk.	8 - Improve Interchange	\$ 20,700,000	66.56	43.10	30.91	Forsyth	WSUAMPO	50	40	90	100
5	9	H090076-D	Highway	R-2247D	Statewide Mobility	New Route	North of SR 1348 (Meadowlark Drive-Robinhood Road)	NC 67	Winston-Salem Northern Beltway, Western Section, North of SR 1348 (Meadowlark Drive-Robinhood Road) to NC 67	5 - Construct Roadway on New Location	\$ 129,100,000	78.28	51.47	36.40	Forsyth	Division 9	40	40	80	100
6	9	H090076-CB	Highway	R-2247CB	Statewide Mobility	New Route	North of US 421	North of SR 1348 (Robinhood Road)	Winston-Salem Northern Beltway, Western Section, North of US 421 Interchange to SR 1348 (Robinhood Road)	5 - Construct Roadway on New Location	\$ 137,900,000	78.28	51.47	36.40	Forsyth	Division 9	40	40	80	100
7	11	H090076-CA	Highway	R-2247CA	Statewide Mobility	New Route	South of US 421	North of US 421	Winston-Salem Northern Beltway, Western Section, Interchange with US 421 and Interchange with SR 1140 (Peace Haven Road)	5 - Construct Roadway on New Location	\$ 204,200,000	78.28	51.42	36.17	Forsyth	Division 9	40	40	80	100

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8	45	H190718	Highway	U-2826E	Statewide Mobility	US 52 (Future I-285)	SR 2264 (Akron Drive) - Exit 112	NC 65 (Winston-Salem Northern Beltway) - Exit 115	Upgrade US 52 to interstate standards (I-285) by widening existing 4-lane facility to 6-lanes, widen paved shoulders, upgrade bridges / interchanges. . Y-lines have been evaluated with the complete streets methodology and will include bike-ped accommodations as part of this project.	1 - Widen Existing Roadway	\$ 296,200,000	76.50	44.23	25.30	Forsyth	Division 9	35	40	75	100
9	77	H230557	Highway		Regional Impact	US 158 (Clemmons Road)	Lewisville-Clemmons Road, Middlebrook Drive	Bermuda Run Drive Roundabout	Project would widen existing roadway to a 3-lane section with curb/gutter, bike lanes, and sidewalks from Harper Road to Lewisville-Clemmons Road. The project would transition to a road diet from Harper Road to the Bermuda Run Drive Roundabout.	1 - Widen Existing Roadway	\$ 24,100,000	N/A	39.55	32.95	Forsyth, Davie	WSUAMPO	31	40	71	100
10	89	R230505	Rail		Regional Impact	NS K Line (Winston-Salem to Greensboro [Raleigh])	Winston-Salem to Greensboro (on to Raleigh)	N/A	Upgrade rail infrastructure to support new intercity passenger service from Winston-Salem to Greensboro along the K Line, then onto Raleigh via the NC Line. Project includes necessary infrastructure, stations, and passenger equipment to begin service with three roundtrips per day. This project is contingent upon the awarding of an 80/20 federal grant and if the grant is not awarded, then the project is void.	5 - Passenger rail service (line)	\$ 85,328,800	N/A	37.29	23.76	Forsyth, Guilford	WSUAMPO	20	40	60	100 (47 points donated to GUAMPO)
11	147	H090970-B	Highway	U-5902B	Regional Impact	NC 150	SR 1493 (Frye Bridge Road, Welcome Arcadia Road)	SR 1508 (Hickory Tree Road)	Widen facility to multi lanes to improve capacity and mobility.	1 - Widen Existing Roadway	\$ 161,800,000	N/A	27.88	14.98	Davidson	WSUAMPO	17	40	57	100

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12	19	H190716	Highway	U-2826D	Statewide Mobility	US 52 (Future I-285)	US 421 (Salem Parkway) - Exit 109	SR 2264 (Akron Drive) - Exit 112	Upgrade US 52 to interstate standards (I-285) by widening existing 4-lane facility to 6-lanes, widen paved shoulders, upgrade bridges / interchanges. Y-lines have been evaluated with the complete streets methodology and will include bike-ped accommodations as part of this project.	1 - Widen Existing Roadway	\$ 377,700,000	81.76	48.82	34.05	Forsyth	Division 9	45	0	45	100
13	74	H090142-B	Highway	R-2577B	Statewide Mobility	US 158	SR-1965 (Belews Creek Rd) in Forsyth County	SR-1969 (Piney Grove Rd) in Forsyth County	Widen to Multi-Lanes	1 - Widen Existing Roadway	\$ 133,300,000	60.48	39.78	27.42	Forsyth	Division 9	41	0	41	100
14	11	H090076-B	Highway	R-2247B	Statewide Mobility	New Route	South of I-40	South of US 421	Construct Freeway on New Location - Winston-Salem Northern Beltway, Western Section	5 - Construct Roadway on New Location	\$ 234,200,000	78.28	51.42	36.17	Forsyth	Division 9	40	0	40	100

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15	14	H170705	Highway		Statewide Mobility	I-40	US 158 (Stratford Road)	N/A	Add Lanes to I-40 WB exit loop, modify traffic signal at intersection of US 158. Extend decel lane on I-40 WB.	8 - Improve Interchange	\$ 3,800,000	72.28	50.12	36.37	Forsyth	Division 9	40	0	40	100
16	35	H190715	Highway	U-2826C	Statewide Mobility	US 52 (Future I-285)	SR 2747 (Clemmonsville Road) - Exit 105	US 421 (Salem Parkway) - Exit 109	Upgrade US 52 to interstate standards (I-285) by widening existing 4-lane facility to 6-lanes, widen paved shoulders, upgrade bridges / interchanges. Begin 6-lane section at W. Clemmonsville Rd. interchange overpass. Y-lines have been evaluated with the complete streets methodology and will include bike-ped accommodations as part of this project.	1 - Widen Existing Roadway	\$ 351,700,000	77.79	45.54	29.33	Forsyth	Division 9	40	0	40	100
17	95	H090546	Highway	U-6076	Regional Impact	US 158	SR 1630 (Baltimore Road)	NC 801	Widen existing facility to a 2 lane section with center turn lane (3 lane cross section) with curb & gutter, bike lanes and sidewalk. Add additional turn lanes at intersection of NC 801 and an additional thru lane on NB NC 801 at same intersection.	1 - Widen Existing Roadway	\$ 24,100,000	N/A	35.75	27.43	Davie	Division 9	36	0	36	100
18	7	H185121	Highway		Regional Impact	US 158	NC 801	N/A	Upgrade intersection of US 158 & NC 801 by adding left turn lane on US 158 EB to achieve dual lefts onto NC 801 north. Also add right thru lane and right turn lane on NC 801 at intersection of US 158.	10 - Improve Intersection	\$ 7,300,000	N/A	51.70	38.93	Davie	Division 9	35	0	35	100

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19	28	H090605-AA	Highway	I-5981A	Statewide Mobility	I-40	I-74, US 311	SR 2643 (Union Cross Road)	Widen interstate from 4 Lanes to Six Lanes	1 - Widen Existing Roadway	\$ 76,700,000	77.13	46.88	34.99	Forsyth	Division 9	35	0	35	100
20	42	H090076-A	Highway	R-2247A	Regional Impact	New Route	US 158	South of I-40	Construct Freeway on New Location - Winston-Salem Northern Beltway, Western Section	5 - Construct Roadway on New Location	\$ 78,100,000	N/A	44.84	27.31	Forsyth	Division 9	35	0	35	100
21	63	H192270	Highway		Statewide Mobility	US 52 (Future I-285)	SR 2264 (Akron Drive)	N/A	Upgrade Akron Drive bridge over existing US 52 (Future I-285) to accommodate a future 6 lane interstate facility. Tie into existing ramps with associated roadway and bridge improvements on Akron Drive between Sheraton Street and Ogburn Avenue. Remove driveway access off of SB US 52 Ramp. Ramp construction on Akron Drive associated with new bridge upgrade will tie into existing accel/decel ramps currently in use.	8 - Improve Interchange	\$ 26,300,000	66.37	42.27	30.49	Forsyth	Division 9	35	0	35	100

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22	133	H090142-C	Highway	R-2577C	Statewide Mobility	US 158	SR 1969 (Piney Grove Road) / SR 1962 (Kernersville Road) Intersection in Forsyth County.	US 220 in Guilford County	Widen to Multi-Lanes.	1 - Widen Existing Roadway	\$ 118,000,000	50.68	30.88	18.02	Guilford, Forsyth	Division 7	32	0	32	0
23	23	H090605-AB	Highway	I-5981B	Statewide Mobility	I-40	SR 2643 (Union Cross Road)	NC 66	Widen interstate from 4 Lanes to Six Lanes	1 - Widen Existing Roadway	\$ 32,100,000	77.55	47.07	34.57	Forsyth	Division 9	31	0	31	100
24	68	H090605-AC	Highway	I-5981C	Statewide Mobility	I-40	NC 66	US 421 / I-40 Business	Widen interstate from 4 Lanes to Six Lanes	1 - Widen Existing Roadway	\$ 88,900,000	69.48	41.73	28.79	Guilford, Forsyth	Division 9	31	0	31	40

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25	82	H190643	Highway		Statewide Mobility	US 52 (Future I-74)	NC 65 (Winston-Salem Northern Beltway) - Exit 118	North of South Main Street at the ramp terminals in King - Exit 123	Widen roadway and upgrade freeway to interstate standards - Add additional travel lane in each direction to achieve a 6-lane roadway, construct outside 12 ft FD paved shoulders (2 ft dirt shoulder), 4 ft FD paved median shoulders, interchange improvements, and intermittent bridge replacements. Y-lines have been evaluated with the complete streets methodology and will include bike-ped accommodations as part of this project.	1 - Widen Existing Roadway	\$ 136,000,000	67.91	38.84	25.11	Forsyth	Division 9	31	0	31	100
26	106	H090605-B	Highway	I-5980	Statewide Mobility	I-40	SR 1860 (Macy Grove Road)	N/A	Convert grade separation to interchange	20 - Convert Grade Separation to Interchange to Relieve Existing Congested Interchange	\$ 52,200,000	54.52	34.74	21.93	Guilford, Forsyth	Division 7	31	0	31	0
27	148	H150247	Highway	U-6059B	Statewide Mobility	US 421 (Former I-40 Business)	SR 2662 (Linville Road)	N/A	Upgrade interchange to improve safety and capacity	8 - Improve Interchange	\$ 58,400,000	50.35	27.88	19.37	Forsyth	Division 9	31	0	31	0

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28	100	H230152	Highway		Regional Impact	NC 67 (Silas Creek Pkwy)	Yorkshire Rd (Winston-Salem System)	Robinhood Rd (Winston-Salem System)	Improve existing SB ramp traffic operations and reduce queuing along EB Robinhood and SB ramp by constructing SB aux. lane from SB ramp to Yorkshire Rd. May need a retaining wall constructed on SBL adjacent to the Lutheran Church Property. The project will also impact existing pedestrian tunnel access on Silas Creek Pkwy at the intersection of Yorkshire Rd	22 - Construct Auxiliary Lanes or Other Operational Improvements	\$ 16,000,000	N/A	35.50	27.14	Forsyth	Division 9	26	0	26	43
29	111	H184836	Highway		Statewide Mobility	US 52 (Future I-74)	North of South Main Street at the ramp terminals in King - Exit 123	SR 1147 (Perch Road) - Exit 129	Upgrade freeway to interstate standards - Shoulder widening, construct outside 12' FD paved shoulders (2' dirt shoulder), 4' FD paved median shoulders, interchange improvements, and intermittent bridge replacements.	17 - Upgrade Freeway to Interstate Standards	\$ 62,500,000	60.15	34.07	24.29	Stokes, Forsyth	WSUAMPO	23	0	23	0
30	172	H185085	Highway		Regional Impact	NC 801	SR 1452 (Yadkin Valley Road)	SR 1442 (Redland Road)	Widen existing facility to a 2 lane section with center turn lane (3 lane cross section) with curb and gutter, bike lanes and sidewalks.	1 - Widen Existing Roadway	\$ 53,500,000	N/A	22.38	17.41	Davie	WSUAMPO	22	0	22	0

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31	126	H111235	Highway	U-6068	Statewide Mobility	US 421 (Former I-40 Business)	Future I-74 in Kernersville (Winston-Salem Northern Beltway)	I-40 in Guilford County	Widen to 6 Lane Freeway	1 - Widen Existing Roadway	\$ 121,200,000	57.83	32.40	18.19	Forsyth, Guilford	Division 9	21	0	21	0
32	193	R230509	Rail		Regional Impact	NS LE & O Lines (Winston-Salem to Charlotte)	Winston-Salem to Charlotte	N/A	Upgrade rail infrastructure to support new passenger service from Winston-Salem to Charlotte on the LE & O Lines. Project includes necessary infrastructure, stations, and passenger equipment to begin service with three roundtrips per day.	5 - Passenger rail service (line)	\$ 501,801,000	N/A	13.10	11.84	Mecklenburg, Davie, Rowan, Forsyth, Iredell	WSUAMPO	15	0	15	23
33	105	H185306	Highway		Regional Impact	NC 8	NC 65	N/A	Improve existing intersection on NC 65 & NC 8 with construction of a roundabout.	10 - Improve Intersection	\$ 4,700,000	N/A	34.81	25.17	Stokes	WSUAMPO	11	0	11	42

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34	149	H170723	Highway		Regional Impact	NC 66	SR 1973 (Mountain View Road)	N/A	Improve Intersection by re-aligning the horizontal alignments of NC 66 and Mountain View for the construction of a RAB	10 - Improve Intersection	\$ 7,200,000	N/A	27.65	20.51	Stokes	Division 9	11	0	11	0
35	137	H190720	Highway		Regional Impact	NC 66 (Leak Branch Road)	SR 1901 (Weigh Station Road), SR 1807 (Old 52)	N/A	Construct RAB at a new location on Old 52 (SR-1807) for the intersection of NC 66 and SR-1907. This will replace the existing non-standard problematic intersection. Significant realignment of existing route(s) in this location will be necessary as part of this project.	10 - Improve Intersection	\$ 8,800,000	N/A	30.17	22.69	Forsyth	Division 9	6	0	6	0

MPO Methodology for Point Assignment

- Winston-Salem Urban Area MPO has 1,900 points that can be assigned in Regional Impact.
- The MPO may allocate no more than 100 points to a project
 - If project is in multiple MPOs, MPO may not allocate more than the point equivalent to the percentage of project located within the MPO
- Once projects go through the MPO evaluation process, the top projects in each mode receive a full 100 points
 - Rail and Highway = 200 points
- Then to assign the remaining points (1,700 points), the MPO works with Division 9 to strategically assign points
- The MPO may flex up to 500 points from one category to another
 - Given that there is greater funding availability in Regional Impact, it likely makes sense to flex 500 points from Division Needs (no available funding). WSUAMPO would allocate a total of 2,400 points toward Regional Impact projects.

MPO Documentation of Methodology Applied

Top-scoring projects (MPO Criteria) in each mode (Highway and Rail) receive full 100 points

Requires Donation of 47 points to GUAMPO for R230505

Remaining top scoring projects (MPO Criteria) receive full points (100 points or geographic share if multi-jurisdictional) until pool of 1,900 points runs out

Recommend Point Flex to Raise Pool to 2,400 Points

Assign maximum geographic share of points (23 points) to R230509 due to high degree of public support for Winston-Salem to Charlotte passenger rail

23% of the project is in WSUAMPO

Assign full points (100 points or geographic share) to remaining projects with highest NCDOT Quantitative scores. Split last 85 points between the final two projects to ensure all MPO counties are represented

H230152 gets 43 pts. and H185306 gets 42 pts.

Methodology applied is consistent with [Local Input Point Assignment Methodology](#) adopted by TAC in March 2024, which dictates 100 points assigned to top project per mode and strategic point assignment in coordination with Division 9. Coordination with Division 9 occurred on Thursday, June 27. Point allocation is responsive to public input.

Prioritization 7.0 Regional Impact Project Point Assignment Window – Public Comments

Scan the QR code or visit the link below to view all public comment materials. This document will be updated periodically through the end of the public comment period on July 15, 2024.



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