



Prioritization 4.0 Work Group Update

June 17, 2015
MPO Meeting

1. Number of Projects in SPOT 4.0 Database
 - a. Projects proposed for P4.0 Re-Scoring
 - b. Projects proposed for removal from SPOT database

2. Proposed P4.0 Schedule

Keep the same number of project submittals for MPOs as P3.0.

- CRTPO will receive 20 new project submittals for each mode
- Each NCDOT Division will receive seven new projects submittals.
- Additional projects can be added if MPO/Division agree to remove additional projects (one-in/one-out)

- SPOT Office – reduce number of projects in P4.0 Database
 - 1,700+ projects => +/- 1,000 projects
 - Legacy projects from P1,2,3
 - Bad projects affects scaling
- P4.0 Work Group developed a recommendation to remove projects based upon a defined set of criteria.

- P4.0 Work Group Recommendation:
Remove any projects from the P4.0 database that do not have the following criteria:
 - In years 6-10 of the DRAFT TIP
 - A sibling to a project in the DRAFT TIP
 - A completed NEPA document
 - P3.0 Local Input Points

- CRTPO has 20 new project submittals for P4.0.
- 29 projects committed in the first five years of the DRAFT TIP.
 - Will not be re-scored in P4.0.
- 32 projects that are proposed to be re-scored for P4.0 in years 6-10 of DRAFT TIP
 - Some of these projects can be removed for additional new project submittals.
- 45 CRTPO projects are proposed to be removed based upon the above criteria.
 - 785 projects are proposed to be removed statewide
- Some of these projects can be added back into P4.0 Database.

<u>STI Tier</u>	Number of Projects Proposed for P4.0 Re-scoring
Statewide Mobility	8
Regional Impact (E) Projects (Mecklenburg, Union)	14
Regional Impact (F) Projects (Iredell)	1
Division Needs (10) Projects (Mecklenburg, Union)	8
Division Needs (12) Projects (Iredell)	0
Non-Highway Projects	1
TOTAL Projects Proposed to be re-scored in P4.0	32

<u>STATEWIDE MOBILITY</u> Project Name	TIP ID	Cost to NCDOT (Millions \$)	NCDOT P3.0 Score	P4.0 Status
I-77 HOT Widening (I-485 to Woodlawn Rd)	I-5718A	\$356.5	59.21	Years 6-10 of TIP
I-77 HOT Widening (Woodlawn Rd – Belk Freeway)	I-5718B	\$162.5	68.64	Years 6-10 of TIP
I-77 Widening (Belk Freeway to Brookshire Freeway)	I-5718C	\$336.1	58.65	Years 6-10 of TIP
I-77 & Belk Freeway Interchange Improvements	I-5718D	\$129.6	49.45	Years 6-10 of TIP
I-77 & Brookshire Freeway Interchange Improvements	I-5718E	\$101.6	57.24	Years 6-10 of TIP
Billy Graham Pkwy & West Boulevard Upgrade to Interchange	U-5712	\$8.3	56.23	Years 6-10 of TIP
I-40 & I-77 Interchange Final Improvements	I-3819B	\$168.1	47.70	NEPA Complete
Billy Graham Pkwy & Morris Field Drive Upgrade to Interchange	U-5714	\$11.3	46.57	Years 6-10 of TIP

Proposed <u>REGIONAL IMPACT</u> Project	Municipality	Cost to NCDOT (Millions \$)	NCDOT P3.0 Score	P4.0 Status
NC 73 Widening (Vance Rd Ext to Catawba Avenue)	Huntersville	\$20.0	77.02	Years 6-10 of TIP
NC 73 Widening (Bus. NC 16 in Lincoln County to Vance Rd Ext)	Huntersville	\$44.2	67.41	Years 6-10 of TIP
NC 73 Widening (NC 115 – Davidson-Concord Rd)	Huntersville	\$19.4	61.72	Years 6-10 of TIP
NC 73 Widening (Catawba Av - Northcross Dr)	Huntersville	\$28.0	60.24	Years 6-10 of TIP
US 21 Widening (Northcross Center Ct – Westmoreland Rd)	Cornelius	\$23.0	59.31	Years 6-10 of TIP
NC 16 Widening (Rea Road Ext. to Cuthbertson Rd)	Weddington	\$38.4	58.28	Years 6-10 of TIP
NC 51 Widening (Matthews Township Pkwy – Lawyers Rd)	Matthews	\$34.9	56.38	Years 6-10 of TIP

Red Text = CRTPO has approved for STP-DA or Bonus Allocation Funding

Proposed <u>REGIONAL IMPACT</u> Project	Municipality	Cost to NCDOT (Millions \$)	NCDOT P3.0 Score	P4.0 Status
US 21 Widening (Gilead Rd – Holly Point Drive)	Huntersville	\$19.5	55.27	Years 6-10 of TIP
NC 115 Widening (Harris Blvd – I-485)	Charlotte	\$24.8	54.98	Years 6-10 of TIP
NC 16 Corridor Improvements (Idaho Dr. to I-85)	Charlotte	\$1.9	44.67	P3.0 Points
NC 115 Widening (Washam Potts Road to Potts Street)	Cornelius	\$8.0	40.18	P3.0 Points
US 601 Widening (US 74 to Monroe Bypass)	Monroe	\$51.0	25.69	Sibling TIP
NC 160 Widening (S. Tryon St – SC State Line)	Charlotte	\$24.5	21.53	Sibling TIP
US 21 Widening (Westmoreland Rd to Catawba Avenue)	Cornelius	\$30.1	16.62	Sibling TIP

Region F Project to be re-scored for P4.0

TIP ID	Municipality	Proposed <u>REGIONAL IMPACT</u> Project	Prelim. ROW Date	Prelim. CON Date	Programmed amount (2016-25) in Millions
R-2522	Troutman	US 21/NC 115 Widening (Cedar Ln – Barium Springs)	2022	2024	\$15.5

Proposed <u>DIVISION NEEDS</u> Project	Municipality	Cost to NCDOT (Millions \$)	NCDOT P3.0 Score	P4.0 Status
Gilead Road Widening (US 21 – NC 115)	Huntersville	\$6.1	76.75	Years 6-10 of TIP
Monroe Northern Loop (US 74 to Walkup Ave)	Monroe	\$19.2	74.20	Years 6-10 of TIP
McKee Road Ext. (Pleasant Plains Road to John Street)	Matthews	\$6.8	69.51	P3.0 Points
Poplar Tent Road Widening (Derita Road to NC 73)	Huntersville Concord	\$37.7	69.18	P3.0 Points
Charlotte Avenue Widening (Seymour Street to NC 200)	Monroe	\$3.9	69.07	P3.0 Points

Proposed <u>DIVISION NEEDS</u> Project	Municipality	Cost to NCDOT (Millions \$)	NCDOT P3.0 Score	P4.0 Status
Charlotte Avenue Widening (CSX to Concord Avenue)	Monroe	\$41.2	50.19	P3.0 Points
Charles Street Widening (Sunset Drive to Franklin Street)	Monroe	\$6.9	13.34	NEPA Complete
Airport Entrance Road (Construct Multi-lane Connector and Grade Separation)	Charlotte	\$31.2	11.44	NEPA Complete

Non-Highway Project to be re-scored for P4.0

Proposed <u>Non-Highway</u> Project	Mode	Cost to NCDOT (Millions \$)	NCDOT P3.0 Score	P4.0 Status
Rehab/Strengthen 7,000 foot runway/taxiways at Monroe Airport	Aviation	\$8.1	65.60	P3.0 Points

Proposed P4.0 Removal Breakdown by STI Tier

<u>STI Tier</u>	Number of Projects Proposed for Removal	2040 MTP Fiscally Constrained Projects
Statewide Mobility	5	1
Regional Impact (E) Projects (Mecklenburg, Union)	10	6
Regional Impact (F) Projects (Iredell)	9	3
Division Needs (10) Projects (Mecklenburg, Union)	15	1
Division Needs (12) Projects (Iredell)	6	2
TOTAL Projects Proposed for P4.0 Removal	45	13

Statewide Projects Recommended for Removal

<u>STATEWIDE MOBILITY</u> Project Name	TIP ID	Cost to NCDOT (Millions \$)	NCDOT P3.0 Score	2040 MTP Score
I-77 Widening (Troutman to I-40)	I-4750C	\$237.5	41.79	N/A
I-77 GP Widening (Catawba Ave – NC 150)	I-4750AB	\$166.0	39.09	148 (2040)
I-77 Widening (NC 150 to Troutman)	I-4750B	\$116.9	35.72	N/A
I-40 Widening (Radio Road to Catawba River)		\$154.6	28.75	N/A
I-485 ITS (N. Tryon Street to US 74)		\$5.0	24.47	N/A

<u>REGIONAL IMPACT</u> Project Name	Jurisdiction	Cost to NCDOT (Millions \$)	NCDOT P3.0 Score	2040 MTP Score
NC 16 Widening (Rea Rd Ext to NC 75)	Weddington, Waxhaw	\$48.0	27.34	128 (2030)
Eastern Circumferential (Idlewild-US 74)	Matthews Charlotte	\$23.5	24.58	N/A
NC 49 Widening (I-77 to Yorkmont Road)	Charlotte	\$4.9	23.03	127 (2025)
NC 115/Potts/Sloan Modernization	Davidson	\$4.2	21.99	N/A
NC 24 Widening (Reames Rd – I-485)	Charlotte	\$4.9	21.61	136 (2025)

<u>REGIONAL IMPACT</u> Project Name	Jurisdiction	Cost to NCDOT (Millions \$)	NCDOT P3.0 Score	2040 MTP Score
NC 160 Widening (SC Line to Tryon St)	Charlotte	\$24.5	21.53	133 (2025)
NC 115 Widening (NC 73 to Washam Potts Road)	Huntersville/ Cornelius	\$24.5	20.07	128 (2025)
US 21 Widening (Harris Blvd to Gilead Road)	Huntersville/ Charlotte	\$47.6	20.01	143 (2025)
NC 27 Widening (Toddville Rd – I-485)	Charlotte	\$33.0	17.95	N/A
Waxhaw Bypass (NC 75 East – NC 75 West)	Waxhaw	\$42.1	15.56	N/A

<u>REGIONAL IMPACT</u> Project Name	Jurisdiction	Cost to NCDOT (Millions \$)	NCDOT P3.0 Score	2040 MTP Score
NC 3 & Kistler Farm Road Traffic Signal	Mooresville	\$100k	41.71	N/A
NC 150 Widening (I-77 to US 21)	Mooresville	\$11.7	36.11	172 (2025)
Right Turn Lane on Brawley School Road at US 21	Mooresville	\$233k	33.57	N/A
NC 150 Widening (NC 115 to NC 152)	Mooresville	\$50.3	24.36	141 (2040)
US 21 Widening (US 64 to Carolina Avenue)	Statesville	\$28.7	22.29	N/A

<u>REGIONAL IMPACT</u> Project Name	Jurisdiction	Cost to NCDOT (Millions \$)	NCDOT P3.0 Score	2040 MTP Score
US 21 Widening (Cedar Lane to NC 150)	Mooreville/ Troutman	\$77.8	21.57	N/A
NC 115 Modernization (Timber Rd to Langtree Rd)	Mooreville	\$16.7	21.06	N/A
Wilkinson Boulevard Widening (NC 7 in Gaston Co. to East Bank of Catawba R.)	Charlotte/ Belmont	\$27.8	19.88	N/A
Garner Bagnal Boulevard Widening (I-40 to I-77)	Statesville	\$31.7	17.19	158 (2040)

<u>Division Needs</u> Project Name	Jurisdiction	Cost to NCDOT (Millions \$)	NCDOT P3.0 Score	2040 MTP Score
Church St Ext. (Mayes Rd – McCord Rd)	Huntersville	\$10.6	22.44	N/A
Hambright Road Ext. (Everette Keith Rd to Eastfield Road)	Huntersville	\$12.4	21.97	N/A
Waxhaw-Indian Trail Rd & Beulah Church Road Roundabout	Wesley Chapel	\$775k	18.30	N/A
Rocky River Road Widening (Old Charlotte Hwy to US 74)	Monroe	\$7.8	16.59	N/A
I-77 & Westmoreland Road Interchange	Cornelius	\$25.1	14.63	N/A
Mallard Creek Ch. Road Ext (NC 49 to Back Creek Ch. Road)	Charlotte	\$22.9	13.87	E+C (2025)
Odell School Road Widening (I-485 to Concord Mills Blvd)	Charlotte/ Concord	\$8.0	13.84	N/A

<u>Division Needs</u> Project Name	Jurisdiction	Cost to NCDOT (Millions \$)	NCDOT P.3.0 Score	2040 MTP Score
Secrest Avenue Ext. (Walkup Av – Olive Branch Rd)	Monroe	\$7.8	16.50	N/A
Airport Road Widening (Goldmine Rd to NC 84)	Monroe	\$12.4	12.30	N/A
Oakdale Rd & Sunset Rd Roundabout	Charlotte	\$775k	11.94	N/A
Newtown Rd & Marvin Rd Roundabout	Marvin	\$775k	10.19	N/A
Bridgeford-Northdowns I-77 Overpass	Huntersville	\$5.4	6.17	N/A
Stegall Road Extension (Marshville-Olive Branch to Peachland St)	Marshville	\$4.3	6.04	N/A
Lawyers Road Realignment to Old Lawyers Road	Marshville	\$4.1	4.29	N/A
Thomas Helms Rd Extension to NC 205	Marshville	\$5.7	2.98	N/A

Division 12 Projects Recommended for Removal

<u>Division Needs</u> Project Name	Jurisdiction	Cost to NCDOT (Millions \$)	NCDOT P3.0 Score	2040 MTP Score
Cornelius Rd – Mazeppa Rd Connector	Mooresville	\$9.9	19.83	92 (2025)
I-77 & Cornelius Road Interchange	Mooresville	\$17.4	13.96	N/A
I-77 & Jane Sowers Road Interchange	Statesville	\$15.2	12.33	N/A
East-West Connector on new location (Langtree Road to Shearers Road)	Mooresville	\$35.6	11.65	N/A
Cornelius Road Widening (Perth Rd – US 21)	Mooresville	\$30.1	10.93	N/A
Murdock Road Realignment + Modernization	Statesville/ Troutman	\$23.6	9.11	61 (2025)

Proposed P4.0 Schedule

Task	TCC Activity Date	TCC Action + Subcommittee Tasks	TCC Meeting Date
MPOs/RPOs/Divisions provide modifications to existing projects.	Month of July	<ul style="list-style-type: none"> Review legacy project list and project inputs. Approve modifications. Review project cost estimates 	August 6
MPOs/RPOs/Divisions submit new candidate projects for P4.0.	Month of September	<ul style="list-style-type: none"> Review 2040 MTP list Finalize project submittal list 	October 1
SPOT reviews and scores all (existing + new) projects	November 2015 – March 2016	<ul style="list-style-type: none"> Revisit local input points methodology Review P4.0 project cost estimates and data inputs 	March 2016
60-Day Public Comment period to assign <u>Regional Impact Local Input Points</u> (with option to assign Division Needs points)	April-May 2016	<ul style="list-style-type: none"> Determine if 1 or 2 public comment periods are necessary Coordination with Divisions 10 and 12 	May 2016
60-Day Public Comment period to assign Division Needs Local Input Points	August-September 2016	<ul style="list-style-type: none"> Subcommittee recommends local input points assignment Develop and conduct public involvement process (website, ...) 	September 2016



Prioritization 4.0 Work Group Update

June 17, 2015
MPO Meeting