



# Prioritization 4.0

October 21, 2015  
MPO Meeting

- Began in 2009 (P1.0) with Gov. Perdue's Executive Order for Transportation Reform
- Prioritization has been conducted every two years
- Results of prioritization guide funding and programming of (S)TIP
- Prioritization 4.0 will develop the 2018-2027 TIP

Endorse the list of New Prioritization 4.0 Project Submittals for the following modes:

1. Highway (22 projects)
2. Bicycle & Pedestrian (19 projects)
3. Public Transportation (5 projects)
4. Rail (5 projects)
5. Aviation (18 projects)

1. Provide summary of public comments received for P4.0.
2. Review TCC's recommended alternative for the P4.0 Highway project list.
3. Review all P4.0 Project Submittals

- Make the public aware of P4.0 projects once TCC endorses
- Media Release date: Friday, September 4
- Two residents spoke on P4.0 during September 16 MPO meeting

- 180 public comments received from 9/4 through 9/15
  - All E-mails received expressed support for the I-77 General Purpose Lanes project
  - Ten E-mails recommended segmenting the I-77 project from Catawba Avenue to I-40 into multiple sections to make it more competitive.

- Nearly all E-mails referenced CRTPO's release of a 2017 DRAFT TIP, which is erroneous
  - Public input was being sought on the list of projects for CRTPO to submit to NCDOT for P4.0 Scoring
  - CRTPO will be actively involved in the P4.0 process throughout the next year
  - P4.0 will create the DRAFT 2018-2027 TIP, which is scheduled for release in December of 2016

- One Commenter expressed support for the following projects:
  - I-77 & Cornelius Road Interchange conversion
  - I-77 & Westmoreland Road Interchange conversion
  - NC 73 Widening Projects in Huntersville



Project Status	Number of Projects
<p>Projects Automatically re-scored in all three STI tiers of P4.0</p> <ul style="list-style-type: none"> <li>- Years 6-10 of 2016-2025 TIP</li> <li>- Completed Environmental Document</li> <li>- Local Input Points from P3.0</li> <li>- Sibling to a 2016-2025 TIP project</li> </ul> <p><b>No Action Needed</b></p>	<p style="text-align: center;">32</p>
<p>New Project Submittal Slots for P4.0</p> <p style="text-align: center;"><b>Action Requested</b></p>	<p style="text-align: center;">22</p>

- MPO directed the TCC to evaluate alternatives to highway project list that was endorsed at September TCC meeting.
- Concerns about how the projects along the I-77 corridor would function with the Express Lane project.
- Members of the TCC discussed alternatives during the 9/23 Transportation Staff meeting and during a special meeting on 9/28

<b>Recommended Action</b>	<b>Project</b>	<b>From</b>	<b>To</b>	<b>Reason</b>
Do Not Submit for P4.0	<b>I-77 General Purpose Lane Project (2 GP Lanes)</b>	I-485 in Charlotte	Catawba Avenue (Exit 28) in Cornelius	Project is not in the 2040 MTP
Do Not Submit projects for P4.0	<b>I-77 GP Widening Project (I-4750B)</b>	NC 150 (Exit 36) Mooresville	US 21/NC 115 (Exit 42) Troutman	Projects are not in the 2040 MTP
	<b>I-77 GP Widening Project (I-4750C)</b>	US 21/NC 115 (Exit 42) Troutman	I-40 in Statesville	
Submit for P4.0	<b>I-77 GP Widening Project (I-4750AB)</b>	Catawba Avenue (Exit 28)	NC 150 (Exit 36) Mooresville	Project is in the 2040 MTP
Submit for P4.0	<b>NC 115 Widening Project</b>	NC 73 in Huntersville	Washam-Potts Road in Cornelius	Project is in the 2040 MTP

Project	Location	Project Status
<p><b>Combine I-77 three General Purpose Lane Projects (Catawba Av – I-40)</b></p> <ul style="list-style-type: none"> <li><b>I-4750AB:</b> Catawba Ave – NC 150</li> <li><b>I-4750B:</b> NC 150 – Exit 42 (US 21/115)</li> <li><b>I-4750C:</b> Exit 42 – I-40</li> </ul>	Mecklenburg & Iredell Counties	Combine three separate P3.0 projects
<b>I-77 General Purpose Lanes (2 lanes in each direction) (I-485 to Catawba Ave)</b>	Huntersville & Cornelius	Submit New Project
<b>I-77 General Purpose Lanes (1 lane in each direction) (Catawba Ave to NC 150)</b>	Cornelius Davidson Mooresville	Re-submit P3.0 Project
<b>I-77 &amp; Cornelius Road Interchange Conversion*</b>	Mooresville	Re-submit P3.0 Project

*\* Reclassified by SPOT Office from a Division Needs project to a Statewide Mobility project based upon the anticipated benefit to I-77 from the congestion relief at the interchange with NC 150.*

Project	Location	Project Status
<b>US 21/Statesville Road</b> (Harris Blvd – Gilead Road)	Charlotte & Huntersville	Re-submit P3.0 Project
<b>NC 115/Old Statesville Road</b> (NC 73 to Washam-Potts Road)	Huntersville & Cornelius	Re-submit P3.0 Project
<b>NC 16/Providence Road South</b> (Cuthbertson Road – Waxhaw Pkwy)	Weddington & Waxhaw	Re-submit P3.0 Project+ Revise Project Limits
<b>NC 27</b> (Toddville Rd – Moores Chapel Rd)	Charlotte	Re-submit P3.0 Project+ Revise Project Limits
<b>Waxhaw Parkway</b> (NC 16 to NC 75 East)	Waxhaw	Re-submit P3.0 Project+ Revise Project Limits

Project	Location	Project Status
<b>NC 150 Widening</b> (NC 115 to NC 801)	Mooresville	Re-submit P3.0 Project
<b>NC 115 Signal Coordination Improvement</b> (Waterlynn Road – Yellow Wood Drive)	Mooresville	Submit new project
<b>US 21 (Sullivan Road) &amp; US 64 (Davie Avenue) Intersection Improvements --</b> Five Points Area	Statesville	Submit new project
<b>US 21 Widening</b> (Medical Park Drive – NC 150)	Mooresville	Submit new project

Project	Location	Project Status
<b>Mallard Creek Road</b> (Mallard Creek Ch. Road – Breezewood Drive)	Charlotte	Submit New Project
<b>Ballantyne Commons Pkwy</b> (Annalexa Lane to Williams Pond Drive)	Charlotte	Submit New Project
<b>Eastern Circumferential</b> (Northeast Parkway – Idlewild Road)	Matthews	Re-submit P3.0 Project+ Revise Project Limits
<b>I-77 &amp; Westmoreland Road Interchange Conversion</b>	Cornelius	Re-submit P3.0 Project
<b>Bailey Road Realignment &amp; I-77 Overpass</b>	Cornelius	Submit new project

Project	Location	Project Status
<b>Potter Road</b> (Old Monroe Rd – Pleasant Plains Rd)	Stallings	Submit New Project
<b>Marvin Rd &amp; New Town Rd Roundabout</b>	Marvin	Re-submit P3.0 Project
<b>Old Monroe Road</b> (Wesley Chapel-Stouts Rd to Airport Rd)	Monroe	Re-submit P3.0 Project+ Revise Project Limits
<b>Rocky River Road</b> (Old Charlotte Hwy – US 74)	Monroe	Re-submit P3.0 Project
<b>Lawyers Rd</b> (I-485 to Stevens Mill Rd)	Stallings	Submit New Project



Project	Location	Project Status
<b>Broad Street Corridor Improvements</b> (Vine Street – Signal Hill Drive)	Statesville	Submit New Project

- **Bike/Ped:** 19 projects
- **Transit:** 5 Projects
- **Rail:** 5 Projects
- **Aviation:** 13 Projects from Monroe Airport; 5 Projects from Statesville Airport

Project	Location/Agency	Cost to NCDOT in Millions of \$
<b>Griffith Street Bike/Ped Improvements at I-77</b>	Davidson	\$0.5
<b>Carolina Thread Trail Segment Q4</b>	Troutman	\$1.7
<b>Plott Road Bicycle Lanes</b>	Charlotte	\$4.6
<b>Stallings Elementary School Sidewalk Network</b>	Stallings	\$300k
<b>Walker Branch Greenway (Sledge Road to Smith Road)</b>	Charlotte	\$1.0
<b>Lake Norman State Park Multi-Use Trail, Segment A</b>	Troutman	\$600k
<b>NC 115 Bicycle Lanes (Mt. Holly-Huntersville Rd – Hambright Rd)</b>	Huntersville	\$1.6

Project	Location/Agency	Cost to NCDOT in Millions of \$
<b>Bellingham Park to Johnson Dairy Road Greenway</b>	Mooresville	\$1.0
<b>Westmoreland Road Corridor and I-77 Overpass Reconfiguration</b>	Cornelius	\$750k
<b>W. Catawba, Liverpool Parkway &amp; Sefton Park Drive Multi-Use Path and Bike Lanes/Sharrows</b>	Cornelius	\$410k
<b>McDowell Creek Greenway - Westmoreland Road Underpass</b>	Cornelius	\$862k
<b>Briar &amp; Little Hope Creek Greenway</b>	Charlotte	\$2.8
<b>Briar Creek Greenway</b>	Charlotte	\$6.1

Project	Location/Agency	Cost to NCDOT in Millions of \$
<b>McDowell Creek Greenway - Jetton Park Connector</b>	Cornelius	\$300k
<b>Mallard Creek Church Sidewalk</b>	Charlotte	\$1.0
<b>Providence Road Sidewalk</b>	Charlotte	\$923k
<b>Irwin Creek Greenway East</b>	Charlotte	\$2.5
<b>Pineville-Matthews Road Sidewalk</b>	Charlotte	\$1.1
<b>Margaret Wallace Road Sidewalk</b>	Charlotte	\$760k

Project	Location/Agency	Cost to NCDOT in Millions of \$
<b>University City - Concord Mills Bus Route (purchase buses)</b>	CATS	\$300k
<b>Special Transportation Services (STS) Fleet Expansion</b>	CATS	\$250k
<b>Neighborhood Transit Center</b>	CATS	\$400k
<b>Charlotte Gateway Station Multimodal Transportation Center (station)</b>	CATS	\$10.0
<b>Charlotte Transportation Center Renovation</b>	CATS	\$1.0

Project	Location	Cost to NCDOT in Millions of \$
<b>Charlotte Area Service Improvement Project at Gateway Station</b>	Charlotte	\$52.0
<b>Old Dowd Rd./Norfolk Southern Railroad Grade Separation</b>	Charlotte	\$21.0
<b>Clanton Rd./Norfolk Southern Railroad Grade Separation</b>	Charlotte	\$22.0
<b>AC&amp;W Railroad Relocation</b>	Charlotte	\$17.0
<b>Rozzelles Ferry Rd./Old Mt. Holly Rd./Toddville Rd. Intersection Improvements at CSXT Railroad</b>	Charlotte	\$5.0

Project	Cost to NCDOT in Millions of \$	Project Status
<b>Apron, Taxiway, and Access Road Construction</b>	\$3.2	Resubmit P3.0 Project
<b>Relocate &amp; Widen Parallel Taxiway</b>	\$1.1	Resubmit P3.0 Project
<b>Taxi-line and apron construction for additional corporate hangar development</b>	\$1.2	Resubmit P3.0 Project
<b>Taxi-line and apron construction for additional corporate hangar development</b>	\$1.9	Resubmit P3.0 Project
<b>Construct a partial taxiway</b>	\$2.9	Resubmit P3.0 Project
<b>Taxi-line and apron construction for additional corporate hangar development (Design)</b>	\$0.4	Resubmit P3.0 Project



Project	Cost to NCDOT in Millions of \$	Project Status
<b>Existing Terminal Building Expansion – TSA Checkpoint</b>	\$0.7	Resubmit P3.0 Project
<b>Existing Terminal Building Expansion – New Office Space</b>	\$1.7	Resubmit P3.0 Project
<b>Construct new Air Traffic Control Tower</b>	\$4.3	Resubmit P3.0 Project
<b>Land Acquisition for Future Airport Expansion</b>	\$0.9	Resubmit P3.0 Project
<b>Land Acquisition for additional hangar area</b>	\$0.8	Resubmit P3.0 Project
<b>Land acquisition and design for parking lot</b>	\$1.0	Resubmit P3.0 Project
<b>Design for four (4) new corporate box hangars</b>	\$96k	New P4.0 Project

- Received on September 28
- Combine parallel taxiway construction & Bethlehem Road Relocation into one project (\$23.4 Million)
- Revised New Terminal project description to include a new parking lot, and the relocation of West Aviation Drive.
  - Cost increase of \$9 Million
- Added two new projects
  - Runway 10 Safety Area Improvements (\$11.4 Million)
  - 1,000-foot Runway Extension (\$42.4 Million)
- Net result of one additional aviation project slot (18 total)

Project	Location/Agency	Cost to NCDOT in Millions of \$
<b>Parallel taxiway construction + Bethlehem Road Relocation Improvements</b>	Statesville Airport	\$23.4
<b>Construct new 7,000 S.F. Terminal, Parking Lot, and relocation of W. Aviation Drive</b>	Statesville Airport	\$11.4
<b>Land Acquisition for Future Corporate Aviation Development</b>	Statesville Airport	\$17.5
<b>Runway 10 Safety Area Improvements</b>	Statesville Airport	\$15.2
<b>1,000-foot extension of Runway 28</b>	Statesville Airport	\$42.4

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<b>Recommended Action</b>	<b>Project</b>	<b>From</b>	<b>To</b>	<b>Reason</b>
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	<b>I-77 GP Widening Project (I-4750C)</b>	US 21/NC 115 (Exit 42) Troutman	I-40 in Statesville	
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# Prioritization 4.0

October 21, 2015  
MPO Meeting

- 24 projects remain from the MTP that were not included in the 2016-2025 TIP

MTP Horizon Year	Projects Remaining from MTP	Recommended for P4.0 Submittal
2025	6	2
2030	6	3
2040	12	4

Sorted Score Order	<u>2040 MTP Project</u>	Jurisdiction	Cost Estimate	MTP Score
1	US 21/Statesville Road Widening (Harris Blvd-Gilead Road)	Charlotte Huntersville	\$47.7	143
2	Charlotte-Douglas Airport Entrance Road & Wilkinson Boulevard Overpass	Charlotte	\$31.2	139
3	NC 24/Harris Blvd Widening (Reames Road to I-485)	Charlotte	\$4.9	136
4	NC 115/Old Statesville Road Widening (NC 73 to Washam-Potts Road)	Huntersville Cornelius	\$24.5	128
5	NC 49/S. Tryon Street Widening (Yorkmont Road to I-77)	Charlotte	\$4.9	127
6	Murdock Road Safety Upgrades (Amity Hill Road to US 21/NC 115)	Statesville Troutman	\$23.6	61



Sorted Score Order	2040 MTP Project	Jurisdiction	Cost Estimate	MTP Score
7	Mallard Creek Road Widening (Mallard Creek Ch. Road to Breezewood Drive)	Charlotte	\$21.6	150
8	Charlotte Avenue Widening (Concord Avenue to Church Street)	Monroe	\$41.2	150
9	NC 49/S. Tryon Street Widening (I-485 to Steele Creek Road)	Charlotte	\$33.3	138
10	NC 16/Providence Road South Widening (Rea Road Ext. to NC 75)	Weddington Waxhaw	\$48.0	128
11	Potters Road Widening (Old Monroe Road to Pleasant Plains Road)	Stallings	\$2.3	126
12	NC 24/Harris Blvd (University City Blvd – The Plaza)	Charlotte	\$24.7	126

Sorted Score Order	2040 MTP Project	Jurisdiction	Cost Estimate	MTP Score
13	I-277/Brookshire Freeway Widening (I-77 to Independence Blvd)	Charlotte	\$283.5	168
14	US 70/Garner Bagnal Blvd Widening (I-40 to I-77)	Statesville	\$31.7	158
15	Old Concord Road Widening (Harris Blvd to University City Blvd)	Charlotte	\$39.3	156
16	NC 51/Pineville-Matthews Rd Widening (I-485 to Rea Road)	Pineville Charlotte	\$63.7	148
17	I-77 General Purpose Lane Widening (Catawba Avenue to NC 150)	Cornelius Davidson Mooresville	\$154.4	148
18	Ballantyne Commons Pkwy Widening (Annalexa Lane to Williams Pond Lane)	Charlotte	\$17.9	142

## 2040 MTP List of Remaining Projects

### 2040 Horizon Year (2 of 2)

Sorted Score Order	2040 MTP Project	Jurisdiction	Cost Estimate	MTP Score
19	NC 150 Widening (NC 115 to NC 152)	Mooresville	\$50.0	141
20	I-277/Belk Freeway Widening (McDowell Street to US 74)	Charlotte	\$58.0	130
21	Lawyers Road Widening (I-485 to Stevens Mill Road)	Stallings	\$3.3	129
22	NC 73 Widening (Davidson-Concord Rd – Poplar Tent Road)	Huntersville Davidson	\$22.0	124
23	NC 49/University City Boulevard (N. Tryon Street – John Kirk Drive)	Charlotte	\$22.4	124
24	Billy Graham Parkway (Josh Birmingham Pkwy to I-85)	Charlotte	\$24.2	121

<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
<b>TOTAL Projects Proposed to be re-scored in P4.0</b>	<b>32</b>

## Statewide Projects to be Re-scored for P4.0

<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
I-40 & I-77 Interchange Final Improvements	I-3819B	\$168.1	47.70	NEPA Complete

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

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	<b>\$15.5</b>



## Division 10 Projects to be re-scored for P4.0

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