



charlotte regional **transportation** planning organization

600 East Fourth Street
Charlotte, NC 28202
704-336-2205
www.crtpo.org

TO: TCC Members
FROM: Nicholas Landa
Principal Planner
DATE: December 2, 2013

**SUBJECT: Technical Coordinating Committee (TCC) Agenda
December 2013 TCC Meeting—December 5, 2013**

The next TCC meeting is scheduled for **Thursday, December 5 at 10:00 AM** in **Room 267** of the Charlotte-Mecklenburg Government Center (600 East Fourth Street). Attached is a copy of the agenda.

Please call me at (704) 336-8309 if you have any questions.



TECHNICAL COORDINATING COMMITTEE

AGENDA

December 5, 2013

10:00 AM

Room 267 – CMGC

1. **Adoption of the Agenda** Danny Pleasant

2. **Consideration of November Meeting Minutes** Danny Pleasant
ACTION REQUESTED: Approve as presented, or with amendments.

3. **January TCC Meeting Date** (5 minutes) Nicholas Landa
ACTION REQUESTED: Recommend that the TCC change the January TCC meeting date to Thursday, January 9, 2014.

*BACKGROUND:
The regular meeting date for the January TCC meeting falls on the same week as a holiday. Due to this conflict, it is being requested that the meeting date be moved to the following Thursday.*

4. **Prioritization 3.0 (P3.0)** (30 minutes)
 - a. **P3.0 Highway Projects** Nicholas Landa
ACTION REQUESTED: Recommend that the MPO endorse the highway projects to be added to, and removed from, the prioritization database, as presented.

BACKGROUND: A committee was formed to review P3.0 highway project additions and removals from the SPOT prioritization database. Recommendations are requested to be endorsed by the CRTPO board.

ATTACHMENT: P3.0 Highway Project Memorandum and Project List

 - b. **P3.0 Bicycle & Pedestrian Projects** Curtis Bridges
ACTION REQUESTED: FYI

BACKGROUND: A committee was formed to recommend a list of bicycle and pedestrian projects to be added to the P3.0 database. An update on the status of the committee's work will be provided.

ATTACHMENT: P3.0 Bicycle & Pedestrian Project Memorandum and Draft Project List

 - c. **P3.0 Local Input Point Methodology** Nicholas Landa
ACTION REQUESTED: FYI

BACKGROUND: A committee was formed develop a P3.0 Local Input Point Methodology to be approved by the CRTPO and NCDOT. The committee has met twice, and has one more meeting scheduled in December to finish the proposed methodology. A summary of the meeting outcomes, and an update on the status of the P3.0 local input point methodology, will be provided.

5. **2040 Metropolitan Transportation Plan (MTP)** (5 minutes) Nicholas Landa
ACTION REQUESTED: FYI

BACKGROUND: An update on Plan progress will be provided.

6. **Monroe Connector/Bypass Update** (15 minutes) Jennifer Harris
ACTION REQUESTED: FYI

BACKGROUND: The NCDOT and FHWA have released the Draft Supplemental Final Environmental Impact Statement (DSFEIS) for the Monroe Connector/Bypass. Copies of the document are available for public review and comment. NCDOT has also scheduled open houses and public hearings on December 9, 10 and 11 to discuss the project and receive comments.

7. **TCC Public Comment Period** (15 minutes) Robert Cook
ACTION REQUESTED: FYI

BACKGROUND: The FHWA has recommended that TCC agendas include a public comment period.

8. **TCC Bylaws** (15 minutes) Robert Cook
ACTION REQUESTED: FYI

BACKGROUND: The TCC's bylaws are being updated due to the planning area expansion as well as to reflect changing circumstances since they were last reviewed in 2003. A subcommittee met on November 8 to review the bylaws and recommend changes. The proposed changes will be reviewed and further TCC direction will be requested.

ATTACHMENT: Bylaws Memorandum

9. **Transportation Improvement Program Financial Plan** (10 minutes) Robert Cook
ACTION REQUESTED: FYI

BACKGROUND: Update on efforts to prepare the TIP's financial plan.

10. Upcoming Issues

11. Adjourn

CRTPO TECHNICAL COORDINATING COMMITTEE
Summary Meeting Minutes
Charlotte-Mecklenburg Government Center
Room 267
November 7, 2013

Voting Members: *TCC Chair* – Danny Pleasant (CDOT), *Vice-Chair* – Joe Lesch (Union County), Debra Campbell (C-M Planning), Eric Moore (LUESA-Air Quality), John Rose – alt for David McDonald (CATS), Louis Mitchell (NCDOT-Div. 10), David Keilson (NCDOT-Div. 12), Anil Panicker (NCDOT-TPB), Andrew Grant (Cornelius), Bill Coxe (Huntersville), Adam McLamb – alt for Scott Kaufhold (Indian Trail), Andrew Ventresca (Iredell County), Ralph Messera (Matthews), Neil Burke (Mooresville), Lisa Stiwinter (Monroe), Shannon Martel (Stallings), Sherry Ashley – alt for Phil Collins (Statesville), Erika Martin (Troutman), Jordan Cook (Weddington)

Staff: Stuart Basham (CRTPO), Curtis Bridges (CRTPO), Robert Cook (CRTPO), Nick Landa (CRTPO), Andy Grzymiski (CDOT), Tracy Newsom (CDOT), Anna Gallup (CDOT), Gwen Cook (Mecklenburg County Park & Recreation), Keith Sorensen (Indian Trail), Jim Loyd (Monroe), Scott Cole (NCDOT-Div. 10), Brett Canipe (NCDOT), Bjorn Hansen (GCLMPO), Loretta Barren (FHWA)

Guests: Bill Thunberg (LNTC), Todd Steiss (PB), Page Hunter (HNTB)

Danny Pleasant opened the meeting at 10:00 AM.

1. Adoption of the Agenda

Mr. Pleasant asked if any changes to the agenda are necessary. Hearing none, the November agenda was adopted by acclamation.

2. Consideration of October Meeting Minutes

Mr. Pleasant asked if any changes to the minutes are necessary. Hearing none, he asked for a motion to approve the minutes. Bill Coxe made a motion to approve the October TCC minutes. Anil Panicker seconded the motion. Upon being put to a vote, the motion passed unanimously.

Neil Burke, with the Town of Mooresville, announced that he would no longer be representing Mooresville on the TCC, and introduced Allison Kraft as his replacement.

3. Comprehensive Bicycle Planning Grant

Presenter: Andrew Grant, Town of Cornelius

Summary/Action Requested:

Mr. Grant informed the TCC that the Town of Cornelius proposes to submit an application, through the NCDOT Comprehensive Bicycle Planning grant initiative, to create a bicycle plan for the Town. He noted that the Cornelius Town Board has already approved the grant application, but that approval by the CRTPO board is also required. He asked that the TCC recommend that the application be approved.

Motion:

Mr. Grant made a motion to recommend that the CRTPO approve the proposed bicycle plan grant application for the Town of Cornelius, as presented. Mr. Coxe seconded the motion. Upon being put to a vote, the motion passed unanimously.

4. Transportation Improvement Program (TIP) Amendments

Presenter: Robert Cook

Summary/Action Requested:

Mr. Cook directed the TCC's attention to the TIP amendments outlined in the agenda packet, and noted that he would like to discuss two of the amendments before action is taken. He noted that the amendments have been proposed by NCDOT, and suggested that the TCC reconsider recommending that the CRTPO approve the proposed amendment for the Garden Parkway project. He stated that approving the Garden Parkway amendment would be contradictory to the CRTPO's previous action to place the Garden Parkway project in the 2040 Horizon Year of the 2040 MTP. Secondly, he indicated that further discussion is necessary on the proposed amendment for improvements to the Marion Diehl Center. He noted that funding for these improvements came from a previous earmark that was somewhat controversial. Mr. Pleasant further explained that the original project for which the funding was earmarked was completed by Queen's college with the hope of getting reimbursed with the federal funding. He noted that federal funding cannot be used as a reimbursement, but stated that the college has since proposed a different project scope that would help provide additional access to the Marion Diehl Center site, for which the federal funds could be allocated. He indicated that he did not have a problem approving the requested TIP amendment.

Mr. Cook stated that the other proposed amendments are straight forward and staff does not see any issues with approving them. Scott Cole noted that the TIP amendment to add the proposed superstreet project on US 74 in Union County, is a safety funds project that is deemed worthy for a superstreet design based on a benefit/cost analysis that has been completed. Adam McLamb suggested that the description of the US 74 project limits be modified to Indian Trail-Fairview Rd to Wesley Chapel-Stouts Rd.

Motion:

David Meachum made a motion to recommend that the CRTPO approve the TIP amendments as presented, with the exception of the Garden Parkway amendment (TIP# U-3321), and with the proposed description modification to the US 74 superstreet project (TIP# W-5520). Mr. Coxe seconded the motion. Upon being put to a vote, the motion passed unanimously.

5. Unified Planning Work Program (UPWP)

a. UPWP Review Subcommittee

Presenter: Robert Cook

Summary/Action Requested:

Mr. Cook reminded the TCC that a study for how the UPWP is developed was previously conducted, and that one of the significant outcomes was to establish a UPWP committee, whose main function would be to provide recommendations about the organization of, and process for developing, the UPWP. He emphasized that the committee would guide the development of the UPWP, but that the TCC and CRTPO

would still be responsible for approving the plan. After highlighting the proposed membership of the committee, he requested that the TCC recommend endorsement of the UPWP committee membership.

Motion:

Joe Lesch made a motion to recommend that the CRTPO endorse the proposed membership of the UPWP committee. Mr. Coxe seconded the motion. The motion passed unanimously.

b. UPWP Amendment

Presenter: Robert Cook

Summary/Action Requested:

Mr. Cook explained that the requested UPWP amendment has to do with the UPWP reimbursement process, and a conflict that has been ongoing between the different types of funding included in the plan – specifically the distinction between Planning (PL) and STP-Direct Attributable (STP-DA) dollars – which has resulted in a balance of STP-DA funds in the UPWP. Now that the issue has been identified and corrected, it has been determined that the additional STP-DA funds are available for programming. Mr. Cook proposed that the funds be programmed on Metropolitan Transportation Plan (MTP) and Congestion Management Process (CMP) tasks.

Motion:

Mr. Coxe made a motion to recommend that the CRTPO approve the UPWP amendment, as presented. Mr. Burke seconded the motion. Upon being put to a vote, the motion passed unanimously.

6. Federal Functional Classification System Update

Presenter: Anil Panicker, NCDOT-Transportation Planning Branch

Summary/Action Requested:

Mr. Panicker stated that the proposed request to review and recommend changes to the Federal Functional Classification System is a request from DOT as a result of the 2010 Census, which resulted in the expansion of the MPO planning area boundary. He stated that the TCC formed a committee to review the Federal Functional Classification maps, and that several recommendations are proposed to be sent to NCDOT and FHWA for review. It was noted that the recommendations are due to NCDOT by December 5. A brief explanation of the purpose of the maps was provided.

Mr. Pleasant observed that the Federal Functional Classification could be interpreted as a simplistic design for a roadway that might not be appropriate for associated land uses (i.e. a one size fits all approach is not necessarily the best solution). He noted the importance of being cautious when using such classifications. Mr. Burke asked if there has been an initiative at the State level to justify Federal Functional classifications and Comprehensive Transportation Plan classifications, to which Mr. Panicker responded there has not. Mr. Pleasant asked about the relationship between the Federal Functional Classification System and NCDOT's Complete Streets Design Guidelines, to which Norm Steinman suggested that Complete Streets could be seen as an expansion of the Federal Functional Classification designations.

Motion:

Mr. Coxe made a motion to recommend that the CRTPO endorse the changes proposed to the Federal Functional Classification System by the TCC committee, with the acknowledgment that Complete Streets

Design Guidelines are not relinquished for Federal Functional Classification System designs (as they relate to the Federal Functional Classification maps presented). Ralph Messera seconded the motion. Upon being put to a vote, the motion passed unanimously.

7. 2040 Metropolitan Transportation Plan (MTP)

Presenter: Nick Landa

Summary/FYI:

Mr. Landa provided the TCC with a brief update about the progress of the 2040 MTP update, highlighted by the following:

- The fiscally constrained project list was approved in October by the CRTPO board;
- Work continues on the plan chapters, mapping and documentation;
- A draft plan is anticipated to be ready to release for public involvement in January 2014; and
- The November MTP Advisory Meeting is cancelled.

8. Strategic Transportation Investment (STI)

a. P3.0 Highway Projects

b. P3.0 Bicycle and Pedestrian Projects

c. P3.0 Local Input Point Methodology

Presenter: Nick Landa; Curtis Bridges

Summary/FYI:

Mr. Landa provided information to the TCC via a Power Point presentation, the contents of which are incorporated into the minutes [here](#). He reminded the TCC that new transportation legislation was adopted earlier in the year, but stated that he would like to focus the presentation on the Prioritization 3.0 (P3.0) process that is currently underway, which is the process by which projects are identified for funding under the new legislation. It was noted that no action is requested at today's meeting, but future action will be requested. The process, tasks and deadlines presented are outlined as follows:

- The existing prioritization database contains highway projects from previous iterations of Strategic Prioritization, but other modes were removed;
- Corrections to, and additions and removals of, highway projects need to be recommended to, and endorsed by, the CRTPO board no later than January 2014;
- A P3.0 highway committee was formed to make P3.0 highway project recommendations;
- The highway project recommendations were discussed, as outlined in the [memo](#) in the agenda packet (with some minor changes based on a staff meeting discussion on November 6);
- Curtis Bridges informed the TCC that he is leading a committee to determine which bicycle projects to recommend be added to the prioritization database, which will draw from a pool of previously submitted projects;
- The MPO's approved bicycle and pedestrian ranking criteria will be used to evaluate the candidate bicycle and pedestrian projects;
- Mr. Landa continued by showing the TCC the NCDOT-recommended quantitative highway criteria, as well as the split between quantitative and local input points built into the criteria – which is based on a project's Strategic Transportation Investment (STI) category;
- Each non-highway mode will have its own quantitative criteria and will also be eligible for local input points, also based on its STI category;
- CRTPO will receive 2500 points for Regional Impact projects and 2500 points for Division Needs

- projects, and each project is eligible to receive no more than 100 local input points;
- A local input point methodology must be developed and approved by NCDOT and CRTPO – otherwise, the MPO will not be allowed to allocate any of its eligible local input points;
 - A committee was established to begin developing a local input methodology, and will meet several times in order to develop a recommendation, which must include a minimum of one quantitative criteria, one qualitative criteria, and a public involvement component;
 - It is proposed that the methodology will be presented to the TCC and MPO for information in January 2014, prior to it being endorsed by the MPO in February 2014;
 - The window for submitting all projects is January 21-February 17; and
 - Staff was recently made aware of a new requirement of the P3.0 process regarding local funding contributions to highway projects in the prioritization database – that a statement or letter of commitment from the MPO chair must be submitted during the project submittal window for each highway project which local funding will be contributed.

Mr. Landa concluded that additional information will be provided to the TCC about the ongoing P3.0 process, and that it will be important to meet the NCDOT deadlines in order for CRTPO projects to compete for the limited federal and state funds available.

9. MPO Planning Area Boundary Expansion

Presenter: Robert Cook

Summary/FYI:

Mr. Cook provided a brief update to the TCC about the outstanding issues associated with adopting new bylaws for the newly formed CRTPO. He noted that a meeting to discuss the bylaws has been scheduled for Friday, November 8, and that establishing quorum guidelines will be a significant topic of discussion. He also reminded the TCC that the CRTPO board will consider the technical recommendations of staff as the basis for approving its bylaws.

10. Transportation Improvement Program (TIP) Financial Plan

Presenter: Sashi Amatya, Parsons Brinkerhoff

Summary/FYI:

Mr. Amatya provided information to the TCC via a Power Point presentation, the contents of which are incorporated into the minutes [here](#). He noted that Parsons Brinkerhoff, one of the MPO's on-call consultants, has been contracted to assist the MPO with the development of a fiscally constrained TIP financial plan. He outlined a schedule for completing the plan, which includes the following tasks:

- Review;
- Impact of policy changes;
- Financial analysis;
- Summary and recommendations;
- Meetings and presentations; and
- Documentation.

It was also noted that a kickoff meeting is planned for November, and CRTPO approval of the financial plan is anticipated in February 2014. Mr. Amatya indicated that managed lanes revenues and the new STI legislation, among other items, are to be addressed during the development of the plan.

11. Upcoming Issues

Mr. Cook reminded the TCC that new MPO delegates and alternates must be appointed prior to the first CRTPO meeting of the year (scheduled on January 15, 2014). He encouraged TCC members to work with their respective city and town boards to name MPO members as soon as possible.

Mr. Cook announced that there will be a CRTPO orientation for new and returning MPO and TCC members, tentatively scheduled for Wednesday, January 8, 2014.

12. Adjourn: The meeting was adjourned at 11:40 AM.

DRAFT



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Charlotte, NC 28202
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TO: TCC Members
FROM: Nick Landa
Principal Planner
DATE: December 2, 2013
SUBJECT: **SPOT Prioritization 3.0 (P3.0)
Highway Project Submittals**

REQUESTED ACTION

The TCC is requested to recommend that the CRTPO board approve the attached project additions and removals to be submitted to SPOT.

BACKGROUND

The NCDOT's Strategic Planning Office of Transportation (SPOT) has been tasked with carrying out the project evaluation process outlined in the Strategic Transportation Investment legislation enacted on June 26, 2013. One of the tasks that must be accomplished by the TPO is to determine which highway projects to submit for inclusion, and subsequent evaluation, in the P3.0 database.

PROCESS

Twenty new roadway projects are eligible to be submitted by the CRTPO for evaluation in P3.0. In addition, the projects that were previously submitted during P2.0 remain in the database. Up to 5 of those existing roadway projects may be swapped out for new projects. A committee (see table on page 2) was formed to determine which 20 projects to recommend for inclusion in the database, and to determine if there are any projects in the existing database that should be removed. Removing projects could be necessary due to the cascading of projects across categories (a feature built into the STI legislation), or if a project is no longer viable.

These tasks must be completed by January 2014, at which time all projects have to be submitted to SPOT.

RECOMMENDATIONS

The designated P3.0 Highway Projects Committee met on Tuesday, October 23 to discuss which highway projects to recommend for inclusion in the database, and which to recommend be removed from the database. Generally, the committee agreed on the following principles for making its recommendations:

- New projects to be included in the database should be limited to projects in the 2025 Horizon Year of the 2040 MTP*
- Projects not submitted for consideration in the 2040 MTP, but which are in the database from P2.0 should be removed from the database

**One exception to this rule is the I-77 South project in Charlotte, from Center City Charlotte to I-485 – the project was broken into 2 segments, both of which scored very well in the MTP evaluation process, but due to restrictions in the STI the lower scoring segment was moved to the 2030 Horizon Year of the 2040 MTP.*

Based on the guidelines outlined, the projects in the attached table are either:

- Highway projects not currently in the P3.0 database, but recommended to be added to the database as new projects, or
- Highway projects currently in the P3.0 database (left over from P2.0), but recommend to be removed from the database.

NEXT STEPS

In January, the CRTPO board will be asked to approve the attached list of highway project additions to, and removals from, the P3.0 database.

Roadway Projects – P3.0 Committee	
Name	Agency
Neil Burke	Mooresville
Justin Carroll	Huntersville
Tim Gibbs	CDOT
Joe Lesch	Union County
David McDonald	CATS
Adam McLamb	Indian Trail
Ralph Messera	Matthews
Tracy Newsome	CDOT – Complete Streets/CTP
Andrew Ventresca	Iredell County
Nick Landa	CRTPO Staff

Proposed Removals		Proposed Additions													
SPOTID	P2.0 SPOTID	STI Category	Improvement Type	Specific Improvement	TIP #	Route Number	Route Name	From/Cross Street	To	Description	First County	Second County	Funding Region	MTP HY	
H090009	9	Division Needs	Interchange/Intersection	Convert Grade Separation to Interchange	I-2514	I-77		SR 2171 (Jane Sowers Road)		Convert Grade Separation to An interchange.	Iredell		11, 12		
H090018-B	18	Statewide Mobility	Interchange/Intersection	Improve Interchange	I-3819B	I-40		I-77		Reconstruct interchange (Final Improvements)	Iredell		11, 12		
H090036-AB	36	Statewide Mobility	Capacity	Widen Existing Roadway	I-4750AB	I-77		SR 5544 (West Catawba Avenue)	NC 150	Add General Purpose Lanes	Mecklenburg	Iredell	11, 12	2040	
H090036-B	36	Statewide Mobility	Capacity	Widen Existing Roadway	I-4750B	I-77		NC 150	NC 115/US 21	Add General Purpose Lanes	Iredell		11, 12		
H090036-C	37	Statewide Mobility	Capacity	Widen Existing Roadway	I-4750C	I-77		NC 115/US 21	I-40	Add General Purpose Lanes	Iredell		11, 12		
H090084-B (Break into 2 project segments - see next row)	86	Regional Impact	Capacity	Widen Existing Roadway	R-2307B (Section C is in Lincoln County and was dropped from the project - see description for proposed Section B)	NC 150		SR 1902 (Harvel Road) in Catawba County	Perth Rd in Iredell County	NC 27 in Lincolnton to Perth Rd in Iredell County. Widen to Multi-Lanes. Part of Section B: SR 1902 (Harvel Road) in Catawba County to I-77 in Iredell County.	Catawba	Iredell	11, 12	2025	
H090084-B		Regional Impact	Capacity	Widen Existing Roadway		NC 150		Perth Rd	I-77	Widen to Multi-Lanes. The remainder of Section B: SR 1902 (Harvel Road) in Catawba County to I-77 in Iredell County. Reconstruct NC 150 / I-77 interchange to DDI as part of this project.				2025	
H090112	112	Regional Impact	Capacity	Widen Existing Roadway	R-2522	US 21/NC 115		Cedar Avenue in Troutman	SR 1336 in Barium Springs	Cedar Lane Avenue to SR 1336 in Barium Springs. Widen to a Multi-Lane Urban Facility.	Iredell		11, 12	2030	
H090129-B	129	Division Needs	Capacity	Widen Existing Roadway	R-2555B	SR 5544	West Catawba Avenue	NC 73 (Sam Furr Road)	SR 2151 (Jettin Road)	Widen to Multi-Lanes	Mecklenburg		08, 10	2025	
H090179-AB	179	Regional Impact	Capacity	Widen Existing Roadway	R-2632AB	NC 73		NC 115	SR 2693 (Davidson-Concord Road)	Widen to Multi-Lanes	Mecklenburg		08, 10		
H090185 (Break into 2 project segments - see next row)	185	Regional Impact	Capacity	Widen Existing Roadway	R-2706	NC 73		SR 1356 in Lincoln County	Vance Road Ext / Beatties Ford Rd	SR 1356 in Lincoln County to Vance Road Ext / Beatties Ford Rd in Mecklenburg County. Widen to Multi-Lanes.	Lincoln	Mecklenburg	11, 12	2030	
H090185		Regional Impact	Capacity	Widen Existing Roadway		NC 73		Vance Road Ext / Beatties Ford Rd	SR 5544 (West Catawba Avenue)	Widen to Multi-Lanes				2025	
H090255	255	Regional Impact	Capacity	Widen Existing Roadway	R-3802	NC 16		Rea Road Extension in Weddington	NC 75 in Waxhaw	Rea Road Extension in Weddington to NC 75 in Waxhaw. Widen to Multi-Lanes Along Existing Alignment.	Union		08, 10	2025/2030	
H090265-C	265	Division Needs	Capacity	Widen Existing Roadway	R-3833C	SR 1100	Brawley School Road	SR 1116 (Talbert Rd)	US 21	Widen to Multi-Lanes	Iredell		11, 12		
H090268	268	Regional Impact	Interchange/Intersection	Improve Intersection	R-4059	US 21		Catawba Avenue		US 21/Catawba Avenue intersection Improvements.	Mecklenburg		08, 10	2015 (E+C)	
H090312 (Break into 2 project segments - see next row)	312	Division Needs	Capacity	Widen Existing Roadway	R-5100	SR 1109	Williamson Road	SR 1100 (Brawley School Rd)	NC 150	Widen to Multi-Lanes	Iredell		11, 12	2025	
H090312		Division Needs	Capacity	Widen Existing Roadway		SR 1109	Williamson Road	I-77	SR 1100 (Brawley School Rd)	Widen to Multi-Lanes					
H090319	319	Division Needs	Capacity	Construct Roadway on New Location	U-0203		Airport Entrance Rd	US 29/74 (Wilkinson Boulevard)	Scott Futrell Drive	Construct Multi-Lane Connector with grade separation over US 29/74 (Wilkinson Blvd)	Mecklenburg		08, 10	2025	
H090320	320	Division Needs	Capacity	Widen Existing Roadway	U-0213	SR 1009	Charlotte Avenue	CSX Railroad	Concord Avenue	Csx Railroad to Concord Avenue. Widen to Multi-Lanes.	Union		08, 10	2030	

Proposed Removals		Proposed Additions													
SPOTID	P2.0 SPOTID	STI Category	Improvement Type	Specific Improvement	TIP #	Route Number	Route Name	From/Cross Street	To	Description	First County	Second County	Funding Region	MTP HY	
H090343	343	Division Needs	Capacity	Widen Existing Roadway	U-2547	SR 2188	Charles Street	SR 2181 (Sunset Drive)	SR 2100 (Franklin Street)	SR 2181 (Sunset Drive) to SR 2100 (Franklin Street). Widen to Multi-Lanes.	Union		08, 10		
H090344	344	Division Needs	Capacity	Construct Roadway on New Location	U-2549		New Route - Monroe Northern Loop	US 74	SR 1751 (Walkup Avenue) at SR 1763 (Bivens Road)	US 74 to SR 1751 (Walkup Avenue) at SR 1763 (Bivens Road). Two Lanes on Four Lane Right of Way.	Union		08, 10		
H090350	350	Division Needs	Capacity	Widen Existing Roadway and Construct Part on New Location	U-2568	SR 2333	East Side Drive	SR 2352 (Barkley Road)	SR 2321 (East Broad Street)	SR 2352 (Barkley Road) to SR 2321 (East Broad Street). Widen to Multi-Lanes, Part on New Location.	Iredell		11, 12		
H090353-B	353	Statewide Mobility	Interchange/Intersection	Improve Interchange	U-2704B	US 29/74	Wilkinson Boulevard	SR 5901 (Billy Graham Parkway)		US 29-74 (Wilkinson Boulevard) and SR 5901 (Billy Graham Parkway). Area Improvements. Section B: Charlotte, US 29-74 (Wilkinson Boulevard) and SR 5901 (Billy Graham Parkway).	Mecklenburg		08, 10		
H090363	363	Regional Impact	Capacity	Widen Existing Roadway	U-2731	US 21		SR 1933	Fort Dobbs Rd	SR 1933 to Fort Dobbs Rd. Widen to Multi-Lanes and Realign offset intersections of SR 1922 and SR 2171.	Iredell		11, 12		
H090379	379	Regional Impact	Capacity	Widen Existing Roadway	U-2930	US 21		US 64	Carolina Ave	US 64 to Carolina Ave. Widen to Multi-Lanes.	Iredell		11, 12		
H090418-A	9126	Regional Impact	Capacity	Construct Roadway on New Location	U-3467A	NC 84	New Route - Rea Road Extension	NC 16	12 Mile Creek Rd	Construct Two Lanes on New Location, on Multi-Lane Right-of-Way	Union		08, 10	2025	
H090418-B	418	Regional Impact	Capacity	Construct Roadway on New Location	U-3467B	NC 84	New Route - Rea Road Extension	NC 16	12 Mile Creek Rd	Widen to Multi-Lanes	Union		08, 10	2025	
H090418-C	1310	Regional Impact	Capacity	Widen Existing Roadway	U-3467C	NC 84	Weddington Rd	12 Mile Creek Rd	SR 1008 (Indian Trail-Waxhaw Road)	Widen to Multi-Lanes	Union		08, 10	2030	
H090434	434	Division Needs	Capacity	Construct Roadway on New Location	U-3619		New Route - Secret Avenue Extension	SR 1751 (Walkup Avenue)	SR 1006 (Olive Branch Road)	SR 1751 (Walkup Avenue) to SR 1006 (Olive Branch Road). Multi-Lanes on New Location with interchange at Proposed Monroe Bypass (R-2559).	Union		08, 10		
H090455-A	455	Regional Impact	Capacity	Widen Existing Roadway	U-4024A	US 601		Existing US 74	Proposed Monroe Bypass (R-2559)	US 74 to the Proposed Monroe Bypass (R-2559). Widen to Multi-Lanes and Construct Improvements to the Existing US 74/US 601 interchange. Section A: Existing US 74 to the Proposed Monroe Bypass (R-2559).	Union		08, 10		
H090455-B (Construct as part of project H090455-C)	456	Regional Impact	Interchange/Intersection	Improve Interchange	U-4024B	US 601		Existing US 74		US 74 to the Proposed Monroe Bypass (R-2559). Widen to Multi-Lanes and Construct Improvements to the Existing US 74/US 601 interchange. Section B: Improvements to the Existing US 74-US 601 interchange.	Union		08, 10		
H090455-C	457	Regional Impact	Interchange/Intersection	Improve Interchange	U-4024C (project U-4024B combined with this project)	US 601		Existing US 74		US 74 to the Proposed Monroe Bypass (R-2559). Widen to Multi-Lanes and Construct Improvements to the Existing US 74/US 601 interchange. Section C: Final Improvements to the Existing US 74-US 601 interchange.	Union		08, 10		
H090483-A	483	Division Needs	Capacity	Construct Roadway on New Location	U-4713A	SR 3440	New Route - McKee Road Extension	SR 3448 (Pleasant Plains Road)	SR 1009 (John Street)	Construct Two Lanes on New Location, on Multi-Lane Right-of-Way	Mecklenburg		08, 10		
H090484-A	484	Division Needs	Capacity	Widen Existing Roadway	U-4714A	SR 1009, SR 1010	John Street/Old Monroe Road	SR 3448 / SR 3474 (Trade Street)	I-485	Widen to Multi-Lanes	Mecklenburg		08, 10	2025	

Proposed Removals		Proposed Additions													
SPOTID	P2.0 SPOTID	STI Category	Improvement Type	Specific Improvement	TIP #	Route Number	Route Name	From/Cross Street	To	Description	First County	Second County	Funding Region	MTP HY	
H090484-B (add this segment - was in the TIP, but funded after FY2015, so subject to STI)		Division Needs	Capacity	Widen Existing Roadway	U-4714B	SR 1009, SR 1010	John Street/Old Monroe Road	I-485	SR 1008 (Indian Trail-Waxhaw Road)	Widen to Multi-Lanes (B section of U4714 - Sections A and C in database but not Section B)				2025 (E+C)	
H090484-C	485	Division Needs	Capacity	Widen Existing Roadway	U-4714C	SR 1009, SR 1010	John Street/Old Monroe Road	SR 1008 (Indian Trail Road)	SR 1377 (Wesley Chapel-Stouts Road)	Widen to Multi-Lanes	Union		08, 10	2025	
H090492	492	Regional Impact	Capacity	Widen Existing Roadway	U-4749	US 64/70	Garner Bagnel Road	I-40	I-77	I-40 to I-77. Widen to Four Lane Divided Facility.	Iredell		11, 12	2040	
H090502	502	Division Needs	Capacity	Widen Existing Roadway	U-4913		Idlewild Road	I-485	SR 1524 (Stevens Mill Road)	I-485 to SR 1524 (Stevens Mill Road). Widen to Multi-Lanes.	Mecklenburg	Union	08, 10	2025	
H090503	503	Regional Impact	Capacity	Widen Existing Roadway	U-4914	NC 150		NC 115	NC 150-NC 152 Split	NC 115 to NC 150-NC 152 Split. Widen to Four Lane Divided Facility.	Iredell		11, 12		
H090511	511	Regional Impact	Capacity	Widen Existing Roadway	U-5007	NC 51		Matthews Township Parkway	SR 3128 (Lawyers Road)	Matthews township Parkway to SR 3128 (Lawyers Road). Widen to Multi-Lanes.	Mecklenburg		08, 10	2025	
H090540	540	Regional Impact	Modernization (but not only for bike lanes - leave in database?)	Modernize Roadway		US 21		NC 150	Cedar Lane	Improve US 21 from NC 150 in Mooresville North to Cedar Lane in Downtown Troutman.	Iredell		11, 12		
H090552	552	Division Needs	Interchange/Intersection	Convert Grade Separation to Interchange				I-77	SR 1302 (Cornelius Road)	Construct a New interchange For Cornelius Road (SR 1302) at I-77 Between Mooresville and Troutman.	Iredell		11, 12		
H090592	592	Division Needs	Capacity	Widen Existing Roadway			Gilead Road	US 21 (Statesville Road)	NC 115	Widening to 4 Lanes and Add Bike Lanes.	Mecklenburg		08, 10	2040	
H090593	593	Statewide Mobility	Interchange/Intersection	Upgrade At-grade Intersection to Interchange or Grade Separation		SR 5901	Billy Graham Parkway	NC 160 (West Boulevard)		New interchange.	Mecklenburg		08, 10		
H090594	594	Division Needs	Capacity	Widen Existing Roadway		SR 1007	Rocky River Road	Old Charlotte Highway	US 74	Widening to 4 Lanes, Median and Sidewalks.	Union		08, 10		
H090624 (Break into 2 project segments - see next row)	624	Regional Impact	Capacity	Widen Existing Roadway		US 21	Statesville Road	Northcross Center Court	SR 2147 (Westmoreland Rd)	Widening to 4 Lanes, Bike Lanes and multi-use path.	Mecklenburg		08, 10	2025	
H090624		Regional Impact	Capacity	Widen Existing Roadway		US 21	Statesville Road	SR 2147 (Westmoreland Rd)	SR 5544 (Catawba Avenue)	Widening to 4 Lanes, Bike Lanes and multi-use path.					
H090671	671	Regional Impact	Capacity	Widen Existing Roadway		NC 27	Freedom Drive/Mount Holly Road	SR 1644 (Toddville Road)	I-485	Widening to 4 Lanes and Bike Lanes.	Mecklenburg		08, 10		
H090697	697	Division Needs	Capacity	Widen Existing Roadway and Construct Part on New Location			Lawyers Road	Old Lawyers Road	Lawyers Road	This New Alignment and Brigde Will Connect Old Lawyers Road with Lawyers Road Over the Rocky River. This Project Will Cross from the Rpo into Mumpo. the Road Portion Would Be 18 to 24 Feet Widening.	Union		08, 10		
H090698	698	Division Needs	Capacity	Construct Roadway on New Location			New Route	NC 205	Old Lawyers	Connect Thomas Helms to NC 205 with a New Alignment. Two Lane Extension.	Union		08, 10		
H090928	928	Regional Impact	Capacity	Construct Roadway on New Location		NC 75	New Route - Waxhaw Bypass	NC 75	NC 75	NC 75 Bypass of Waxhaw; Existing and New Location	Union		08, 10		

Proposed Removals														
Proposed Additions														
SPOTID	P2.0 SPOTID	STI Category	Improvement Type	Specific Improvement	TIP #	Route Number	Route Name	From/Cross Street	To	Description	First County	Second County	Funding Region	MTP HY
H090962 (Reduce 5 project segments to 2 project segments; add frontage road improvements - see description)	962	Statewide Mobility	Capacity	Upgrade Arterial to Freeway/Expressway	U-2509	US 74	Independence Boulevard	I-485	Sardis Road North	I-485 to Sardis Rd North. Upgrade Corridor to Provide Additional Capacity and Safety. Feasibility Study Underway. Include improvements to extend Krefeld Dr from existing Krefeld Dr to Sardis Rd North, and improvements to Arequipa Dr/Northeast Pkwy from Margaret Wallace Rd to Sam Newell Rd.	Mecklenburg		08, 10	2025
H090966 (Reduce 5 project segments to 2 project segments; add frontage road improvements - see description)	966	Statewide Mobility	Capacity	Upgrade Arterial to Freeway/Expressway	U-2509	US 74	Independence Boulevard	Sardis Road North	Conference Dr	Sardis Rd North to Conference Dr. Upgrade Corridor to Provide Additional Capacity and Safety. Feasibility Study Underway. Include improvements to Krefeld Dr/Independence Pointe Pkwy from Crownpoint Exec Dr to Sam Newell Rd, improvements to Northeast Pkwy from Overcash Dr to Matthews-Mint Hill Rd, improvements to Independence Pointe Pkwy from Sam Newell Rd to NC 51, and improvements to Independence Pointe Pkwy from Matthews-Mint hill Rd to Campus Ridge Rd.	Mecklenburg		08, 10	2025
H111123	1123	Regional Impact	Signal System	Citywide Signal System			Mooreville Signal System	Mooreville City Limits	Mooreville City Limits	Construct Citywide Signal System in City of Mooreville	Iredell		11, 12	
H111169	1169	Regional Impact	Capacity	Widen Existing Roadway		NC 115		Washam Potts Rd	Potts Street	Widen Roadway to 3 Lanes with Curb and Gutter, Bike Lanes and Sidewalks from SR 2600 to Potts Street, with Median and Turn Lanes.	Mecklenburg		08, 10	2040
H111172 (Break into 2 project segments - see next row)	1172	Regional Impact	Capacity	Widen Existing Roadway		NC 160		South Carolina State Line	NC 49 (S Tryon St)	Widen to Multi-Lanes	Mecklenburg		08, 10	2025
H111172		Regional Impact	Capacity	Widen Existing Roadway		NC 160		NC 49 (S Tryon St)	SR 1116 (Shopton Rd West)	Widen to Multi-Lanes				2025
H111173	1173	Division Needs	Capacity	Construct Roadway on New Location		SR 1246		SR 1206 (Alcove Road)	Fairview Rd. (SR 1246)	Construct Fairview Rd, Overpass Over I-77 to Alcove Rd.	Iredell		11, 12	
H111174	1174	Division Needs	Modernization (but not for bike lanes - leave in database)	Modernize Roadway		SR 2350		US 21	SR 2342 (Amity Hill Rd)	Murdock Rd. from US-21 to SR 2342 (Amity Hill Rd) at Exit 45 Improve to Wider Lanes and Wider Shoulders, and realign to straighten a curve.	Iredell		11, 12	2025
H111175	1175	Division Needs	Capacity	Widen Existing Roadway		SR 1349	Airport Road	SR 1162 (Goldmine Road)	NC 84	Widen to 4 Lanes, with Median, Bike Lanes and Sidewalks	Union		08, 10	
H111176	1176	Regional Impact	Capacity	Widen Existing Roadway		NC 115		SR 1645 (Old Wilkesboro Rd)	Hartness Rd	NC 115 Widen to Multi-Lanes from SR 1645 (Old Wilkesboro Rd) to Hartness Rd	Iredell		11, 12	
H111177	1177	Regional Impact	Capacity	Widen Existing Roadway		US 21		NC 24 (Harris Boulevard)	SR 2136 (Gilead Road)	Widen to Multi-Lanes, Median, Wide Outside Lanes	Mecklenburg		08, 10	2025
H111178	1178	Regional Impact	Modernization (but not only for bike lanes - leave in database?)	Modernize Roadway		NC 115		Timber Rd. (SR 1245)	SR 1102 (Langtree Rd)	NC 115 from Timber Rd. to SR 1102 (Langtree Rd). Widen Lanes and Add Paved Shoulders	Iredell		11, 12	
H111179	1179	Division Needs	Capacity	Construct Roadway on New Location			New Route	Bridgefords Lane	Northdowns Lane	Construct a New Bridge Across I-77 South of NC 73, Linking SR 2141 (Northcross Drive) to US 21.	Mecklenburg		08, 10	
H111180	1180	Statewide Mobility	Interchange/Intersection	Upgrade At-grade Intersection to Interchange or Grade Separation		SR 5901		Morris Field Drive		Construct Grade Separation at the intersection of SR 5901 (Billy Graham Parkway) and Morris Field Drive.	Mecklenburg		08, 10	

Proposed Removals														
Proposed Additions														
SPOTID	P2.0 SPOTID	STI Category	Improvement Type	Specific Improvement	TIP #	Route Number	Route Name	From/Cross Street	To	Description	First County	Second County	Funding Region	MTP HY
H111182 (Construct as part of NC 150 widening project from Perth Rd to I-77 - see SPOT ID H090084-C)	1182	Statewide Mobility	Interchange/ Intersection	Improve Interchange		I-77		NC 150		Reconstruct interchange to DDI	Iredell		11, 12	2025
H111183	1183	Division Needs	Capacity	Construct Roadway on New Location		SR 2117	Hambright Rd	Everette Keith Road	SR 2459 (Eastfield Road)	Construct New 4 Lane Road with Median, Bike Lanes and Sidewalks	Mecklenburg		08, 10	
H111184	1184	Statewide Mobility	Capacity	Widen Existing Roadway		I-40		Radio Road	Catawba River	I-40 Widen to 6 Lanes from Statesville to the Catawba County Line	Iredell		11, 12	
H111186	1186	Regional Impact	Capacity	Widen Existing Roadway		US 21		SR 2136 (Gilead Road)	Holly Point Drive	Widen to 4 Lanes with Median, Bike Lanes and Sidewalk	Mecklenburg		08, 10	2025
H111188	1188	Division Needs	Capacity	Construct Roadway on New Location			New Route	SR 2427 (Mccord Road)	SR 2433 (Mayes Road)	Construct New 2 Lane Road Extension of Church Street on New Location	Mecklenburg		08, 10	
H111189	1189	Regional Impact	Modernization (but not only for bike lanes - leave in database?)	Modernize Roadway		NC 115		Potts Street	SR 2158 (Griffith Street)	Widen Potts Street and Sloan Street to Add Bike Lanes and Sidewalks. Build Connector Between Potts Street and Sloan Street (Approximately 500-600 Feet in Length)	Mecklenburg		08, 10	
H111190	1190	Statewide Mobility	Capacity	Widen Existing Roadway		US 74		Hanover Drive	SR 1007 (Rocky River Road)	Widen to 6 Lanes with Median, Curb and Gutter, Bike Lanes and Sidewalks. Project Limit Is from Hanover Drive to Approximately the western City Limits For City of Monroe	Union		08, 10	2030
H111192	1192	Regional Impact	Capacity	Widen Existing Roadway and Construct Part on New Location			New Route	SR 3150 (Idlewild Road)	US 74	Construct Eastern Circumferential Between Idlewild Road and US 74 By Widening Roadway to Multi-Lanes on Existing Alignment, and constructing New Multi-Lane Roadway on New Alignment, with Median and Bike Lanes.	Mecklenburg		08, 10	
H111195	1195	Division Needs	Capacity	Widen Existing Roadway		SR 1009		SR 1377 (Wesley Chapel-Stouts Road)	SR 1007 (Rocky River Road)	Widen Roadway to Multi-Lanes, with Median, Bike Lanes and Sidewalks	Union		08, 10	
H111214	1214	Statewide Mobility	Interchange/ Intersection	Improve Interchange		I-485		NC 16 (Providence Road)		Upgrade interchange to increase Capacity	Mecklenburg		08, 10	
H111238	1238	Division Needs	Capacity	Widen Existing Roadway		SR 1302		SR 1303 (Perth Rd)	US 21	Cornelius Rd. Widen to Multi-Lanes from SR 1303 (Perth Rd) to US 21	Iredell		11, 12	
H111240	1240	Division Needs	Capacity	Construct Roadway on New Location			New Route	SR 1102 (Langtree Rd)	Shearers Rd. (SR 1125)	East-West Connector. NC115 at Langtree Rd. to Shearers Rd.	Iredell		11, 12	
H111273	1273	Division Needs	Capacity	Construct Roadway on New Location		SR 2833	Mallard Creek Church Road Extension	NC 49	SR 2827 (Back Creek Church Road)	Extend SR 2833 (Mallard Creek Church Road) from NC 49 to SR 2827 (Back Creek Church Road). The Road Extension Will Become Part of Charlotte'S Eastern Circumferential Road in the Future.	Mecklenburg		08, 10	2025 (E+C)
H111280	1280	Statewide Mobility	Capacity	Widen Existing Roadway		NC 49		John Kirk Rd	I-485	Widen Roadway to 6 Lanes with Median, Bike Lanes and Sidewalks. The intersection with Mallard Creek Church Rd will Be Reconstructed and Lowered Approximately 10' in Order to Accommodate Clearance For Road Extension Under Railroad. This Will Necessitate Reconstruction of Approximately 1700' of Existing NC 49 and 1000' of Existing SR 2833.	Mecklenburg		08, 10	2025
H128073	8073	Statewide Mobility	Capacity	Widen Existing Roadway	I-5507	I-485		I-77	US 74 (Independence Boulevard)	Construct one Express toll Lane in Each Direction within the Existing Median	Mecklenburg		08, 10	2025

Proposed Removals		Proposed Additions													
SPOTID	P2.0 SPOTID	STI Category	Improvement Type	Specific Improvement	TIP #	Route Number	Route Name	From/Cross Street	To	Description	First County	Second County	Funding Region	MTP HY	
H129013	9013	Statewide Mobility	Capacity	Widen Existing Roadway	U-3850	I-277	John Belk Freeway	I-77		Add Westbound Lane Through I-77 interchange	Mecklenburg		08, 10		
H129650-EC	9650	Division Needs	Interchange/Intersection	Convert Grade Separation to Interchange	R-211 EC	I-485	Charlotte Outer Loop	New interchange at Weddington Road		Convert Grade Separation to interchange	Mecklenburg		08, 10		
H129680	9680	Statewide Mobility	Capacity	Construct Roadway on New Location		US 74	New Route - Monroe Bypass	I-485	US 74 East of Monroe	Construct Four Lane Freeway on New Location	Union		08, 10	2025 (E+C)	
H129682	9682	Division Needs	Capacity	Widen Existing Roadway		SR 3448	South Trade Street	Fullwood Lane	Weddington Road	Widen to Multilanes with Bike Lanes and Sidewalks	Mecklenburg		08, 10	2025	
		Regional Impact	Capacity	Widen Existing Roadway		NC 115	Old Statesville Rd	Washam Potts Rd (SR 2600)	Sam Furr Rd (NC 73)	Widen from 2 lanes to 4 lanes, with 10 ft. multi-use path	Mecklenburg		08, 10	2025	
		Regional Impact	Capacity	Widen Existing Roadway		NC 73	Sam Furr Rd	West Catawba Ave (SR 5544)	Northcross Dr (SR 2316)	Widen from 4 lanes to 6 lanes, with median, wide outside lanes and sidewalks	Mecklenburg		08, 10	2025	
		Regional Impact	Capacity	Widen Existing Roadway		NC 73	NC 73	Vance Rd Ext	West Catawba Ave (SR 5544)	Widen from 2 lanes to 4 lanes, with median, wide outside lanes and sidewalks	Mecklenburg		08, 10	2025	
		Statewide Mobility	Interchange/Intersection	Improve Existing Interchange		I-77	I-77/Gilead Rd			Grade separation, interchange improvements to include bike lanes and sidewalks	Mecklenburg		08, 10	2025	
		Regional Impact	Capacity	Widen Existing Roadway		NC 16	Brookshire Blvd	Idaho Dr	I-85	Widen from 4 lanes to 6 lanes	Mecklenburg		08, 10	2025	
		Regional Impact	Capacity	Widen Existing Roadway		NC 24	Harris Blvd	Reames Rd	I-485	Widen from 4 lanes to 6 lanes, with median, bike lanes and sidewalks	Mecklenburg		08, 10	2025	
		Statewide Mobility	Interchange/Intersection	Improve Existing Interchange		I-77	I-277 (Belk Fwy)/I-77			Interchange improvements and grade separation to improve operation	Mecklenburg		08, 10	2025	
		Statewide Mobility	Interchange/Intersection	Improve Existing Interchange		I-77	I-277 (Brookshire Fwy)/I-77			Interchange improvements and grade separation to improve operation	Mecklenburg		08, 10	2025	
		Statewide Mobility	Conversion to HOT Lanes	Widen Existing Roadway (HOT)		US 74	Independence Blvd	Sharon Amity Rd	I-277 (Brookshire Fwy)	Convert bus lanes to managed lanes	Mecklenburg		08, 10	2025	
		Statewide Mobility	Capacity	Widen Existing Roadway		I-77	I-77	I-277 (Belk Fwy) (Exit 9)	I-277 (Brookshire Fwy) (Exit 11)	Widen from 8 lanes to 10/12 lanes, median and interchange improvements, and grade separation to improve operations	Mecklenburg		08, 10	2025	
		Statewide Mobility	Capacity (HOT)	Widen Existing Roadway (HOT)		I-77	I-77	I-485 (Exit 1)	Woodlawn Rd (Exit 6)	Widen from 6 lanes to 10 lanes, with median improvements	Mecklenburg		08, 10	2030	
		Statewide Mobility	Capacity (HOT)	Widen Existing Roadway (HOT)		I-77	I-77	Woodlawn Rd (Exit 6)	I-277 (Belk Fwy) (Exit 9)	Widen from 6 lanes to 10 lanes, with median improvements	Mecklenburg		08, 10	2025	
		Division Needs	Capacity	Construct Roadway on New Location			North Univ. Research Park Bridge	Louis Rose Pl	Doug Mayes Pl	New 2 lane roadway, with bike lanes and sidewalks	Mecklenburg		08, 10	2025	
		Regional Impact	Capacity	Widen Existing Roadway		NC 115	Old Statesville Rd	Harris Blvd	I-485	Widen from 2 lanes to 4 lanes, with bike lanes and sidewalks	Mecklenburg		08, 10	2025	
		Regional Impact	Capacity	Widen Existing Roadway		NC 49	South Tryon St	I-77	Yorkmont Rd	Widen from 4 lanes to 6 lanes, with bike lanes and sidewalks	Mecklenburg		08, 10	2025	
		Statewide Mobility	Capacity	Widen Existing Roadway		NC 49	University City Blvd	John Kirk Dr	I-485	Widen from 4 lanes to 6 lanes, with bike lanes and sidewalks	Mecklenburg		08, 10	2025	
		Regional Impact	Capacity	Widen Existing Roadway		NC 51	Matthews Township Pkwy	Sardis Rd	Monroe Rd/E John St	Widen from 4 lanes to 6 lanes, with median and multi-use path	Mecklenburg		08, 10	2025	
		Regional Impact	Capacity	Widen Existing Roadway		NC 16	Providence Rd S	Rea Rd Ext	Cuthbertson Rd	Widen from 2 lanes to 4 lanes, with median, wide outside lanes and sidewalks	Union		08, 10	2025	
		Division Needs	Capacity	Widen Existing Roadway		SR 1009	Charlotte Ave	Seymour St	Dickerson Blvd (NC 200)	Widen from 2 lanes to 4 lanes, with median, bike lanes and sidewalks	Union		08, 10	2025	
		Division Needs	Capacity	Construct Roadway on New Location			Cornelius Rd/Mazeppa Rd	NC 115	US 21	New 4 lane roadway, with median, bike lanes and sidewalks	Iredell		11, 12	2025	

Proposed Removals														
Proposed Additions														
SPOTID	P2.0 SPOTID	STI Category	Improvement Type	Specific Improvement	TIP #	Route Number	Route Name	From/Cross Street	To	Description	First County	Second County	Funding Region	MTP HY
		Regional Impact	Capacity	Widen Existing Roadway		NC 150	Plaza Dr	I-77 (Exit 36)	US 21	Widen from 4 lanes to 6 lanes, with median, wide outside lanes and sidewalks	Iredell		11, 12	2025
		Division Needs	Interchange/Intersection	Construct Roadway on New Location including New Grade Separation			Midnight Ln/Oates Rd			New 3 lane roadway, including grade separation over I-77, with bike lanes and sidewalks	Iredell		11, 12	2025



charlotte regional **transportation** planning organization

600 East Fourth Street
Charlotte, NC 28202
704-336-2205
www.crtpo.org

TO: TCC Members
FROM: Curtis Bridges
Principal Planner
DATE: November 26, 2013
SUBJECT: **SPOT Prioritization 3.0 (P3.0)
Bicycle & Pedestrian Project Submittals**

BACKGROUND

The NCDOT's Strategic Planning Office of Transportation (SPOT) has been tasked with carrying out the project evaluation process outlined in the Strategic Transportation Investment legislation enacted on June 26, 2013. One of the tasks that must be accomplished by the TPO is to determine which bicycle and pedestrian projects to submit for inclusion, and subsequent evaluation, in the P3.0 database.

PROCESS

The CRTPO is able to submit up to 20 new bicycle and/or pedestrian projects for evaluation in P3.0. The projects eligible for submittal to the P3.0 database were pooled from previously identified bicycle and pedestrian projects within the CRTPO area. This project pool (see attached project list) includes projects from the *P2.0, Highway Modernization* database, and previously submitted *CMAQ* projects. A committee (see table on page 2) was formed to identify, prioritize and select which 20 projects to recommend for inclusion in the database.

This task must be completed by January 2014, at which time all projects must be submitted to SPOT. No TCC action is requested at this time.

RECOMMENDATIONS

The designated P3.0 Bicycle & Pedestrian Committee met on Thursday, October 24 and Thursday, November 7 to discuss which bicycle, pedestrian, and greenway projects to recommend for inclusion in the database. The committee will be meeting again on Tuesday, December 3 to finalize the recommended project list. Generally, the committee agreed on the following principles for making its recommendations:

- Projects selected for submittal should be drawn from previously identified bicycle & pedestrian needs
- Projects should be re-evaluated using current project information
- Projects should be scored and re-prioritized using the MPO's adopted ranking methodology (*MUMPO Bicycle/Pedestrian Project Ranking Methodology*) approved in January 2013

NEXT STEPS

In January, the CRTPO board will be asked to endorse the proposed Bicycle & Pedestrian project list for inclusion in the P3.0 database.

Bicycle/Pedestrian/Greenway Projects - P3.0 Committee	
Name	Agency
Sherry Ashely	Statesville
Neil Burke / Allison Kraft	Mooresville
Gwen Cook	Mecklenburg County
Scott Correll	CDOT
Erika Martin	Troutman
Keith Sorensen	Indian Trail
Jason Pauling	Cornelius
Dick Winters	Mecklenburg County
Ken Tippet	CDOT
Curtis Bridges	CRTPO Staff



SPOT 3.0 Bicycle & Pedestrian Project Prioritization Original Project Candidate Pool

SPOT 2.0 Bike & Pedestrian Projects:

<u>Municipality</u>	<u>Route Name</u>	<u>From</u>	<u>To</u>	<u>Description</u>
Charlotte	Matheson Av Conversion & Bicycle Route 10 Extension	Statesville Avenue	Parkwood Avenue	Extension of signed Bicycle Route 10 from Statesville Avenue to Pinckney Street, with a street conversion to include bicycle lanes from Tryon Street to Parkwood Road
Charlotte	Walkers Branch Greenway	RiverGate Shopping Center	Smith Road	Approx 0.75 miles of multi-use greenway trail
Cornelius	Legion Park, N Zion & Antiquity Bicycle Route	Legion St	South Fork Rocky River Greenway in Davidson	Construct a multi-purpose path from Legion Park through the Cornelius Town Center and link to an existing greenway in Davidson
Cornelius	Smithville Park to Washam Potts Rd Bikeway	Catawba Av	Washam Potts Rd	Construct a multi-purpose path from Smithville Park to JV Washum Elementary School
Indian Trail	Highway 74 Multi-Use Path	West Town Limit	Wesley Chapel Stouts Rd	10' Multiuse path
Indian Trail	Southfork Crooked Creek Greenway	Indian Trail Fairview Road	HWY 74	Multiuse Greenway
Charlotte	Tom Short Rd Sidewalks	Ardrey Kell Rd	Haddonfield Pl	A sidewalk gap that would connect several neighborhoods to retail, parks, and a school.
Davidson	Safe Routes to School Pedestrian Beacons	Various locations	Various locations	To install Rapid Flashing Beacons at intersections near local schools or on routes frequently taken by local students walking or biking to schools; to be placed at crossings of high-traffic thoroughfares
Matthews	Sam Newell Rd Multi-Use Path	Rice Road	Crown Point School	Construct a 10 ft multi-use path along Sam Newell Road connecting the existing pedestrian system, and neighborhoods, with a school that at the current time has no pedestrian or bike access at all.
Wesley Chapel	Highway 84/Weddington Rd Sidewalk	Waxhaw-Indian Trail Road (Village Commons Shopping Center)	Lester Davis Road	Provision of new sidewalk to connect Village Commons Shopping Center to Dogwood Park
Charlotte	Irwin Creek Greenway	West Bl	Barringer Dr	Irwin Creek Greenway from West Boulevard to Barringer Drive.
Davidson	Exit 30 Bike/Ped Improvements	Exit 30	Griffith St Bridge	Bicycle and Pedestrian Improvements at Exit 30 (I-77) in Davidson to Griffith Street Bridge over I-77.
Stallings	Stallings Elementary School Sidewalk Plan	NA	NA	Sidewalk and Crosswalk system around Stallings Elementary School.
Charlotte	Mallard Creek Greenway	NA	Mallard Creek Park&Ride	Mallard Creek Greenway Connection to CATS Mallard Creek Park & Ride Lot.
Cornelius	Westmoreland Road Bike Lanes	Washam Potts Rd	Catawba Av	Westmoreland Road Bike Lanes from Washam Potts Road to Catawba Avenue.
Huntersville	NC 115 Bikeway	Mt Holly-Huntersville Rd	Ramah Church Road	Resurface NC 115 and stripe Bike Lanes from Mt. Holly-Huntersville Road to Ramah Church Road.
Matthews	Pleasant Plains Road Bike Lanes	Trade St/Weddington Rd	McKee Rd	Pleasant Plains Road Bike Lanes from Trade Street/Weddington Road to McKee Road.
Cornelius	Torrence Chapel Road Bike Lanes	W Catawba Av	NA	Torrence Chapel Road Bike Lanes from West Catawba Avenue to existing bike lanes.

Charlotte	Long Creek Greenway	NA	Whitewater Center	Long Creek Greenway, Bridge and Trail over Catawba River to Whitewater Center.
Cornelius	Caldwell Station Creek Greenway	Old Statesville Rd	Statesville Rd	Caldwell Station Creek Greenway from Old Statesville Road to Statesville Road.
Cornelius	McDowell Creek Greenway	W Catawba Av	Westmoreland Rd	McDowell Creek Greenway from W. Catawba Avenue to the terminus of the Greenway at Westmoreland Road.
Statesville	CTT-Iredell-Route J	Downtown Statesville	Fort Dobbs	Trail from Downtown Statesville to Fort Dobbs along Fourth Creek
Statesville	CTT-Iredell-Route K	Intersection with Route J	Cabarrus County Line	Trail along Morrison and Fourth Creeks
Troutman	CTT-Iredell-Route Q	Troutman	Statesville	Trail along railroad ROW between Troutman and Statesville
Mooresville	CTT-Iredell-Route Y	Dye Creek Greenway	Mecklenburg County Line	The Dye Creek Greenway and along the Rocky River

SPOT 2.0 Modernization Projects:

<u>Responsible MPO/RPO</u>	<u>Route Name</u>	<u>From/Cross Street</u>	<u>To</u>	<u>Description</u>
Lake Norman RPO	US 22	NC 150	Cedar Lane	Improve US 21 from NC 150 in Mooresville North to Cedar Lane in Downtown Troutman.
Mecklenburg-Union MPO	NC 115	Legion Street	Smith Road	Construct Bicycle Lanes and Sidewalks
Mecklenburg-Union MPO	NC 115	Potts Street	Mecklenburg / Iredell County Line	Widen Roadway to Add Bike Lanes, Parking and Sidewalks. the Project Limits Are from Potts Street to the Mecklenburg / Iredell County Line
Lake Norman RPO	SR 2351	US 21	I-77	Murdock Rd. from US-21 to I-77 at Exit 45 Improve to Wider Lanes and Wider Shoulders
Lake Norman RPO	NC 115	Timber Rd. (SR 1245)	Beaty St./Mecklenburg County Line	NC 115 from Timber Rd. to Mecklenburg County Line. Widen Lanes and Add Paved Shoulders
Mecklenburg-Union MPO	NC 115	Potts Street	SR 2158 (Griffith Street)	Widen Potts Street and Sloan Street to Add Bike Lanes and Sidewalks. Build Connector Between Potts Street and Sloan Street
Mecklenburg-Union MPO	NC 116	Ramah Church Road	Bailey Road	Construct Bicycle Lanes
Mecklenburg-Union MPO	NC 116	Bailey Road	Bridges Farm Road (Iredell County Line)	Construct Bicycle Lanes
Mecklenburg-Union MPO	Jetton Rd, W Catawba Av, Nantz Rd & NC 73	Blythe Landing	Ramsey Creek and Jetton Parks	Construct Bicycle Lanes on Jetton Road, W. Catawba Avenue, Nantz Road & NC 73 Bike Lanes from Blythe Landing to Ramsey Creek and Jetton
Mecklenburg-Union MPO	Old Concord Road	Mallard Creek Church Road	Newell-Hickory Grove Road	Construct Bicycle Lanes
Mecklenburg-Union MPO	Mallard Creek Church Road	Prosperity Church Road	Old Concord Road	Construct Bicycle Lanes
Mecklenburg-Union MPO	Plott Road / Highland Ave	SR 2803 (Plaza Road Extension)	Hickory Grove Road	Construct Bicycle Lanes
Mecklenburg-Union MPO	Sugar Creek Road	N Tryon Street	I-85	Construct Bicycle Lanes
Mecklenburg-Union MPO	NC 115	Wt Harris Boulevard	Eastfield Road	Construct Bicycle Lanes
Mecklenburg-Union MPO	NC 115	Hambright Road	Mt Holly-Huntersville Rd	Construct Bicycle Lanes

CMAQ Projects:

<u>Project Owner</u>	<u>Project</u>
Town of Cornelius	Torrence Chapel/ West Catawba Avenue Intersection
City of Charlotte	Harris Blvd/ Statesville Road Intersection
NCDOT Division 10	US 21 and Stumptown Intersection
City of Charlotte	Charlotte Bike Share
NCDOT Division 10	US 74 and Secrest Short Cut Intersection
City of Charlotte	Arday Kell/ US 521 Intersection
Mecklenburg County	South Prong Rocky River Greenway
CATS	CATS Park and Ride Lot
City of Charlotte	9th Street Bridge
Mecklenburg County	McAlpine Creek Greenway
Mecklenburg County	Little Sugar Creek Greenway
Mecklenburg County	McDowell Creek Greenway
Mecklenburg County	Stewart Creek Greenway
Mecklenburg County	Walker Branch Greenway
City of Charlotte	25th Street Connection
City of Charlotte	Eastway Drive/ The Plaza Intersection
City of Charlotte	Sidewalk Bundle 1
City of Charlotte	Sidewalk Bundle 2
City of Charlotte	Ashley Road/Tuckaseegee Road Intersection
Mecklenburg County	Irwins Creek Greenway
NCDOT Division 10	NC 51 and Sam Newell Intersection



charlotte regional **transportation** planning organization

600 East Fourth Street
Charlotte, NC 28202
704-336-2205
www.crtpo.org

TO: TCC Members
FROM: Robert W. Cook, AICP
CRTPO Secretary
DATE: November 25, 2013
SUBJECT: **TCC Bylaws**

REQUEST

No action is requested at this time.

BACKGROUND

The TCC bylaws are being updated due to the expansion of the metropolitan planning area as well as to reflect changing circumstances since the bylaws were last updated in 2003.

The attached version is the second revision to the bylaws and is the result of a TCC subcommittee meeting on November 8. Some of the issues that remain to be resolved include the process by which the four focus area representatives (bicycle, greenway, pedestrian and public health) are selected, and attendance-related voting restrictions. In addition, the bylaws may need to be updated to reflect the addition of a public comment period to TCC agendas (December TCC agenda item #7).

SUBCOMMITTEE

The subcommittee consists of the following members: Bill Coxe; David Keilson; Joe Lesch; Erika Martin; Amanda Reid; Andrew Ventresca. The subcommittee's next meeting is scheduled for December 13.

ATTACHMENT

Draft bylaws-Revision II, dated 11-8-13

TCC BYLAWS

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MECKLENBURG-UNION METROPOLITAN CHARLOTTE REGIONAL TRANSPORTATION PLANNING ORGANIZATION (MUMPOCRTPO) Charlotte Regional Transportation Planning Organization (CRTPO) TECHNICAL COORDINATING COMMITTEE

Comment [rc1]: Comments from Ralph Messera:
1. Article V- Meetings- should there be some reference to rescheduling meetings, such as we did today?
2. Article V- Sec 4- Attendance and voting- I am opposed to any restriction to voting driven by lack of attendance or anything else. You show up and you can vote.

BY LAWS

Amended September 2003 REVISION II 11-8-13

ARTICLE I – NAME

The name of this organization shall be the Mecklenburg-Union Metropolitan Charlotte Regional Transportation Planning Organization Technical Coordinating Committee, hereinafter referred to as the “TCC.”

ARTICLE II – PURPOSE & Responsibilities

The purpose and goals of the TCC shall be:

1. To provide general review, guidance and coordination of the continuing, cooperative, comprehensive transportation planning process for the planning area of the Mecklenburg-Union Urban Area Charlotte Regional Transportation Planning Organization (CRTPO).
2. To prepare and make recommendations to the Mecklenburg-Union Metropolitan Charlotte Regional Transportation Planning Organization (MUMPOCRTPO) regarding matters related to transportation planning.
3. To facilitate coordination and communication between policy boards governing bodies and agencies represented on the MUMPOCRTPO-and TCC
4. To facilitate coordination of transportation planning with other planning efforts such as those concerning land use, public utilities, and maintenance of air quality.
5. To facilitate public involvement regarding transportation planning issues.

Comment [rc2]: 11-8-13: Replaced “policy boards” with “governing bodies” for clarity.

ARTICLE III – MEMBERS

Section 1 – Number Members and Qualifications:

The TCC shall include one non-elected, technical representative from local, county, State and Federal governmental agencies directly related to and concerned with the

transportation planning process for the planning area. The chief administrative officer of each member agency shall designate that agency's representative. Elected officials representing jurisdictions within the MPO's boundary shall not serve as TCC members or alternates. TCC members or alternates must be employees of the jurisdiction they represent.

Comment [rc3]: 11-8-13: "within" replaced "with" to correct error.

TCC Membership

1. Charlotte Department of Transportation Director
2. Charlotte-Douglas International Airport Aviation Director
3. Charlotte Engineering and Property Management Director
4. Charlotte-Mecklenburg Planning Department Director
5. City of Monroe
6. City of Statesville
7. Iredell County
8. Mecklenburg County Air Quality
9. The Metropolitan Transit Commission's Chief Transit Officer
10. N.C. Department of Transportation (NCDOT) Division 10 - Division Engineer
11. N.C. Department of Transportation (NCDOT) Division 12-Division Engineer
12. NCDOT Public Transportation Division Director
13. NCDOT Transportation Planning Branch Manager
14. Town of Cornelius
15. Town of Davidson
16. Town of Fairview
17. Town of Huntersville
18. Town of Indian Trail
19. Town of Marshville
20. Town of Matthews
21. Town of Mint Hill
22. Town of Mineral Springs
23. Town of Mooresville
24. Town of Pineville
25. Town of Stallings
26. Town of Troutman
27. Town of Waxhaw
28. Town of Weddington
29. Town of Wingate
30. Union County
31. Village of Marvin
32. Village of Wesley Chapel

Comment [rc4]: Removed specific reference to county planning division. This is consistent with how Union County is listed, but not consistent with Mecklenburg County listing.

Comment [rc5]: Left out of original transmission to TCC. Oversight noted by Eric Moore.

The TCC shall also include members representing the following four focus areas:

1. Bicycle transportation planner
2. Greenway transportation planner
3. Pedestrian transportation planner
4. Public health planner

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The above members must be employed by a municipal or county government that is a voting member of the CRTPO. Persons considered as qualified for the positions must be able to demonstrate a reasonable level of experience and knowledge of the issues associated with the position being sought. The CRTPO Secretary is responsible for coordinating the candidate solicitation process. Persons interested in serving as a focus area representative shall notify the CRTPO Secretary no later than November 30 of the preceding year. The TCC shall determine who will fill each position, doing so by voting in a manner consistent with Article V Section 6 of this document.

Comment [rc6]: 11-8-13: New text for focus area representatives. This needs additional discussion.

~~As specified in the Memorandum of Understanding, the TCC shall include one non-elected, technical representative from each local, State and Federal governmental agency directly related to and concerned with the transportation planning process for the planning area. The chief administrative officer of each member agency shall designate that agency's representative.~~

Section 2 – Terms of Office:

The term of members representing the four focus areas shall be one calendar year, beginning in January. For all other members, there shall be no limitation on the length of time members they may serve on the TCC subject to the authorization to do so by their respective agencies' chief administrative officers (CAO).

Comment [rc7]: 11-8-13: New text for focus area representatives. This needs additional discussion.

Section 3 – Alternates:

Each member agency shall appoint an alternate to its representative. That alternate member may serve as a full voting member during any meeting where that agency's representative is not in attendance. Proxy and absentee voting are not permitted.

ARTICLE IV – OFFICERS

Section 1 – Officers Defined:

The officers of the TCC shall consist of a Chairperson, and Vice-Chairperson, who shall be elected by and from amongst voting TCC members.

Section 2 – Elections:

The Chairperson and Vice-Chairperson shall be elected annually at the first regularly scheduled meeting of the calendar year. The newly elected Chairperson and Vice-Chairperson shall take office immediately following the election. The Chair must have served as a TCC member (delegate or alternate) for one full year immediately prior to election.

Additional elections may be held if either the Chairperson or Vice-Chairperson cannot carry out his/her duties and complete the remainder of the elected term.

Section 3 – Terms of Office:

The term of office for officers shall be one year. Each officer shall hold office until a successor has been duly elected. ~~Time served in officer positions prior to calendar year 2002 shall not be considered in determining eligibility.~~

Section 4 – Duties of Officers:

The Chairperson shall call and preside at meetings and sub-committee meetings, and shall set the order of business (agenda) for each meeting. In the Chairperson’s absence, the Vice-Chairperson shall preside and complete all other duties of the Chairperson. In the event that the Chairperson is unable to carryout his/her duties for the remainder of his/her term, the Vice-Chairperson shall carry out the functions of the Chairperson for the remainder of the term and a new Vice-Chairperson shall be elected.

Section 5 – Duties of the Secretary:

The Secretary will be designated by the Lead Planning Agency and also serve in the same capacity to the ~~MUMPOCRTPO’s governing body~~. The Secretary shall provide or otherwise delegate staff service for the TCC, as needed, and will be responsible for taking summary minutes of the Committee’s proceedings. The Secretary will maintain a current copy of these Bylaws as an addendum to the Memorandum of Understanding, to be distributed to the public upon request.

Comment [rc8]: Staff recommendation: add “governing body” for clarity.

ARTICLE V – MEETINGS

Section 1 – Regular Meetings:

Meetings will be held on the first Thursday of each month. The Chairperson may cancel regular meetings if there is insufficient business on the TCC’s tentative agenda or reschedule meetings as appropriate.

Section 2 – Special Meetings:

Special meetings may be called by the Chairperson with three (3) business days notice, or at the request of the majority of the eligible voting members with three (3) business days’ notice. The purpose of the meeting shall be stated in the call, with no other agenda items permissible

Section 3 – Quorums:

A Quorum shall consist of:

- at least fifty percent (50%) of the total membership for regular meetings, and
- at least fifty percent (50%) of the total membership for special meetings.

In calculating quorum, the number of TCC representatives, not the number of agencies represented, shall be the determining factor. Quorum shall be determined at the beginning of meetings. During meetings (or portions of meetings) during which no quorum is present, members may present and receive reports and information, and communication may be shared; however actions and decisions can only be taken and made in meetings at which a quorum is present. Voting members, or their alternates, who have had voting privileges suspended due to lack of attendance will count toward establishing a quorum at the first meeting they attend.

Section 4 – Attendance:

Each voting member shall be expected to attend each regular meeting. Voting members (or their authorized alternates) not attending three (3) consecutive regular meetings will ~~be considered non-voting members for the purpose of determining a quorum as of the fourth meeting~~not be eligible to vote until the second of two consecutive regular meetings that they attend. ~~A member's or alternate's voting privileges will be reinstated automatically by his/her attendance at a subsequent TCC meeting.~~

Comment [rc9]: 11-8-13: changes were made at meeting.

Section 5 – Agenda:

The agenda is a list of considerations for discussion at a meeting. Items on the agenda originate as a carryover from previous TCC meetings, or are placed on the agenda prior to its distribution by any voting member of the TCC, by request from any jurisdiction party to the Memorandum of Understanding, or by the request of the ~~MUMPOCRTPO~~ Chairperson. Additional items may be placed on the agenda by any voting member following discussion of the last item on the agenda, as long as a majority concurrence of the present and eligible voting members is received.

The TCC and all sub-committees shall conduct their business in compliance with the State of North Carolina's Open Meetings law.

Section 6 – Voting Procedures:

The Chairperson and any present voting member (or alternate eligible to vote) may call for a vote on any issue, provided that it is seconded and within the purposes set forth in Article II and provided the issue is on the agenda as outlined in Section 5 of this article. Each voting member of the TCC shall have one vote. If a single individual represents more than one agency or jurisdiction, the designated representative shall cast one vote for each agency/jurisdiction represented. Jurisdictions that are to share TCC member representation must send a letter from the jurisdiction's ~~MUMPOCRTPO~~ representative or from the CAO of the agency to the TCC Chair approving this arrangement.

A majority vote of the members (or their authorized alternates) present and eligible to vote shall be sufficient for approval of matters coming before the TCC. The Chairperson is permitted to vote. Non-voting members and unauthorized alternates cannot vote. Abstentions shall be considered as affirmative votes. By approval of the voting

membership of the TCC present, a voting member may be allowed to withdraw from voting on an issue. In the absence pursuant of any direction from these Bylaws or other duly adopted voting procedures pursuant to certain approval actions, the most current edition of *Robert's Rules of Order* will designate procedures governing voting.

Section 6 – Comprehensive Transportation Plan Amendments:

The TCC may approve an amendment to the Comprehensive Transportation Plan if the following conditions are met;

i. The TCC finds the proposed alignment to be technically reasonable; and,

ii. The proposed alignment enters and exits the affected property at the officially approved location and angle or curvature; and

iii. The TCC finds that the proposed alignment does not move closer than 400 feet to an adjacent land owner's property boundary; or

iv. If the proposed alignment is already within 400 feet of an adjacent property, the shift in the alignment is away from the property. or;

v. If the shift moves the proposed alignment no more than 25% closer to the property.

ARTICLE VI – PARLIAMENTARY PROCEDURES

The rules contained in the most current edition of *Robert's Rules of Order* shall govern the TCC in all cases to which they are applicable and in which they are not inconsistent with the Memorandum of Understanding, the ~~MUMPO~~CRTPO Bylaws, these Bylaws, or any special rules of order the TCC may adopt.

ARTICLE VII – AMENDMENTS TO BYLAWS

~~The MUMPO shall adopt a set of Bylaws for the MUMPO and the TCC.~~ Amendments to ~~either set of the~~ Bylaws shall occur by a ¾ vote of the ~~MUMPO~~TCC.

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