

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

TO: TCC Members FROM: Nicholas Landa

MUMPO Principal Planner

DATE: July 25, 2013

SUBJECT: Technical Coordinating Committee (TCC) Agenda

August 2013 TCC Meeting—August 1, 2013

The next TCC meeting is scheduled for **Thursday, August 1** 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.

1. Adoption of the Agenda

Danny Pleasant

2. Consideration of July Meeting Minutes

Danny Pleasant

<u>ACTION REQUESTED</u>: Approve as presented, or with amendments.

3. Transportation Improvement Program (TIP) Amendments (5 minutes) Robert Cook *ACTION REQUESTED: Recommend that the MPO approve the amendments to the 2012-2018 TIP, as presented.*

<u>BACKGROUND</u>: See attached memorandum for more information.

ATTACHMENTS: TIP Amendment Memorandum; Draft Amendment Resolution

4. TIP Financial Plan (10 minutes)

Robert Cook

<u>ACTION REQUESTED</u>: FYI

<u>BACKGROUND</u>: A plan demonstrating fiscal constraint for the TIP is required by each MPO. In the past, NCDOT has done this for MPO's but now it is the responsibility of each MPO to develop and maintain such a plan. Guidelines and examples have been provided by FHWA. Future action by the TCC and MPO to approve the plan will be necessary.

<u>ATTACHMENT</u>: TIP Funding Summary – MPO Highway; Statewide Highway; Public Transportation

5. MPO Census-Related Activities (10 minutes) a. Planning Area Boundary Expansion – MOU Subcommittee

Robert Cook

a. Flamming Area Dountary Expans

ACTION REQUESTED: FYI

<u>BACKGROUND</u>: The MPO endorsed a draft Memorandum of Understanding at its July meeting, and authorized its release for approval by the cities, towns and counties in the planning area. An update on the MOU approval process will be provided.

6. Unified Planning Work Program Process (10 minutes) *ACTION REQUESTED: FYI*

Robert Cook

<u>BACKGROUND</u>: Staff requested the J.S. Lane Company to examine current UPWP development procedures, and to recommend changes to improve both the process and the final document.

7. I-77 HOT Lanes (10 minutes)

Bill Coxe

ACTION REQUESTED: FYI

BACKGROUND: Update on the status of this project.

8. Strategic Mobility Formula (SMF) (15 minutes) *ACTION REQUESTED: FYI*

Nicholas Landa

<u>BACKGROUND</u>: New State transportation legislation was recently signed into law, and a Workgroup of the NCDOT's Strategic Planning Office of Transportation (SPOT) has been tasked with developing criteria that will determine how projects will be evaluated using the new SMF (for more information, <u>click here</u>). The purpose of this item is to discuss some of the implications of the new legislation.

9. 2040 Metropolitan Transportation Plan (MTP) (10 minutes) *ACTION REQUESTED: FYI*

Nicholas Landa

BACKGROUND: An update on Plan progress will be provided.

- **10. Upcoming Issues**
- 11. Adjourn

MECKLENBURG - UNION TECHNICAL COORDINATING COMMITTEE

Summary Meeting Minutes Charlotte-Mecklenburg Government Center Room CH-14 July 11, 2013

Voting Members: *TCC Chair* – Danny Pleasant (CDOT), *TCC Vice-Chair* – Joe Lesch (Union County), Ken Tippette (CDOT Bicycle Coordinator), Jonathan Wells – alt for Debra Campbell (C-M Planning), Eric Moore (LUESA-Air Quality), David McDonald (CATS), Scott Cole – alt for Louis Mitchell (NCDOT-Div. 10), Anil Panicker (NCDOT-TPB), Wayne Herron – alt for Andrew Grant (Cornelius), Bill Coxe (Huntersville), Ralph Messera (Matthews), Dana Clukey (Mint Hill), Lisa Stiwinter (Monroe), Shannon Martel (Stallings)

Staff: Robert Cook (MUMPO), Nick Landa (MUMPO), Stuart Basham (MUMPO), Andy Grzymski (CDOT), Anna Gallup (CDOT), Tracy Newsome (CDOT), Norm Steinman (CDOT), John Rose (CATS), Jan Whitesell (C-M Planning), Jay Higginbotham (Mecklenburg County Park & Recreation), Megan Green (LUESA-Air Quality), Keith Sorensen (Indian Trail), Elinor Hiltz (Iredell County), Pate Butler (NCDOT), David Keilson (NCDOT), Loretta Barren (FHWA) – phone

Guests: Bill Thunberg (LNTC), David Wiggins (Steele Creek Resident's Association)

Danny Pleasant opened the meeting at 10:00 AM.

1. Ethics Awareness & Conflict of Interest Reminder

Nick Landa read into the record the ethics awareness and conflict of interest reminder. No conflicts of interest were stated.

2. Adoption of the Agenda

Mr. Pleasant asked if any changes to the agenda are necessary. Hearing none, he asked for a motion to adopt the July TCC agenda. A motion and second to adopt the agenda were made, and it was approved.

3. Consideration of June Meeting Minutes

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

4. Transportation Improvement Program (TIP) Amendments

a. Bearskin Creek Greenway

<u>Presenter:</u> Lisa Stiwinter, City of Monroe

Summary/Action Requested:

Ms. Stiwinter provided a description of the project, including its location. She noted that it will connect several existing land uses in Monroe, including multiple parks. It was stated that the requested

amendment is to program \$1,640,000 of federal and state funds for planning and design, and construction, in the current TIP. Ms. Stiwinter indicated that the right-of-way and any costs that exceed the \$1.64 million programmed will be the responsibility of the City of Monroe. She also noted that no other projects would be delayed if this project is funded. Ken Tippette asked for the total length of the project, to which Ms. Stiwinter responded it is 1.6 miles. Ralph Messera asked is the CSX railroad right-of-way would be an issue. Ms. Stiwinter responded that an existing culvert is being used, so there should not be a problem.

Motion:

Ms. Stiwinter made a motion to recommend that the MPO approve the proposed TIP amendment as presented. Mr. McDonald seconded the motion. Upon being put to a vote, the motion passed unanimously.

b. Toby Creek II and Little Sugar Creek Greenways

Presenter: Jay Higginbotham, Mecklenburg County Park & Recreation

Summary/Action Requested:

Mr. Higginbotham explained to the TCC that the requested TIP amendment is simply to shift funds across two greenway projects that are already funded in the current TIP, so no funding to any other TIP projects will be impacted. He indicated that the Toby Creek II greenway project was funded with both CMAQ and Enhancement Bicycle funds, but that the project is moving forward using the CMAQ funds. However, he noted that additional funding is needed for the Toby Creek II project, and additional funding is needed for the Little Sugar Creek greenway project in the TIP. Mr. Higginbotham stated that the request is to apply the excess funding from Toby Creek II to supplement the two programmed greenway projects — Toby Creek II and Little Sugar Creek. Mr. Coxe asked in which fiscal year the funding is requested. Mr. Higginbotham suggested that it should be either FY 2014 or 2015, and that he would get clarification prior to the MPO meeting.

Motion:

Mr. McDonald made a motion to recommend that the MPO approve the proposed TIP amendment, as presented. Mr. Coxe seconded the motion. Upon being put to a vote, the motion passed unanimously.

c. Miscellaneous Amendments

Presenter: Robert Cook

Summary/Action Requested:

Mr. Cook informed the TCC that two TIP amendments are requested by NCDOT, which can be viewed here. He noted that one of the amendments will require that the associated project be let from Raleigh, instead of the NCDOT Division 10 office. Scott Cole, with NCDOT, clarified that the likely reason for that change is because the project cost exceeds \$1.2 million. Mr. Cook then stated that both amendments are minor project delays which have been discussed with the project sponsors and there is no opposition to the requested amendments.

Motion:

Jonathan Wells made a motion to recommend that the MPO approve the proposed TIP amendments, as presented. Mr. McDonald seconded the motion. The motion passed unanimously.

5. MPO Census-Related Activities

a. Planning Area Boundary Expansion – MOU Subcommittee

<u>Presenter:</u> Robert Cook

<u>Summary/Action Requested:</u>

Mr. Cook began by providing an update of the expanded MPO planning area boundary, and noted that a decision has been made that will make Lincoln County part of the Gaston Urban Area MPO. He also indicated that the northeastern portion of the proposed boundary was modified slightly to include I-40 and NC 64, in Iredell County, within the new MPO boundary. Based on that information, the boundary is final and the MPO will be asked to endorse it at its July meeting. Mr. Pleasant noted that he was hesitant to ask the TCC to take action on an item that is political in nature, and that the MOU subcommittee might be a more appropriate venue for such action. Joe Lesch stated that because there have been agreements made with the adjacent MPOs, and with staff in the impacted geographies, he is comfortable making the motion to recommend that the MPO endorse the boundary (see Motion below).

Mr. Coxe observed that portions of the Charlotte Urbanized Area bleed into the adjacent counties outside the proposed new boundary area, and asked if those MPOs are capable of accomplishing the required planning duties for those areas. Mr. Pleasant suggested that regional agreements will need to be signed, which will place the responsibility with the appropriate MPO. Mr. Coxe stated that he would feel more comfortable if MPO board members attended the quarterly Charlotte Regional Alliance for Transportation (CRAFT) meetings. Jonathan Wells asked if it is necessary for the TCC to take action on the proposed boundary. Mr. Pleasant explained the MOU approval process, concluding that technically the TCC does not have to act on the boundary. He then asked if any other actions related to the MOU are being requested. Mr. Cook indicated that the draft MOU document needs to be discussed.

Mr. Cook stated that the TCC is being requested to recommend that the MPO endorse the draft MOU. He noted that the MPO has already taken action on the significant issues of voting and member fees, and that several revisions to update content and revise language in the document have been completed. It was suggested that additional changes may be necessary, but that they would be very minor. Mr. Cook also informed the TCC that after the MOU is endorsed by the MPO, there will be a request sent to each member jurisdiction outlining the procedure for getting the document signed. Mr. Coxe suggested that it might be a good idea to include the TCC membership in the MOU document, but keep the agreed upon language for the TCC to modify its own membership in the Bylaws. Mr. McDonald proposed including the TCC membership as an attachment to the MOU. Mr. Pleasant asked if an effective date has been set for the new MPO to be constituted. Mr. Cook stated that October 1, 2013 was proposed, but no formal decision has been made.

Motion:

Mr. Lesch made a motion to recommend that the MPO endorse the proposed expanded MPO boundary, as presented. Mr. Coxe seconded the motion. The motion passed unanimously.

Mr. Wells made a motion to recommend that the MPO endorse the draft MOU, as presented, and release the document for signature by potential member jurisdictions. Mr. McDonald seconded the motion. Upon being put to a vote, the motion passed unanimously.

6. <u>Unified Planning Work Program (UPWP) Process</u>

Presenter: Robert Cook

Summary/FYI:

Mr. Cook informed the TCC that Scott Lane, one of the MPO's on-call consultants, has been asked to evaluate the MPO's UPWP process and look for ways to improve it, including formalizing the process. He noted that draft recommendations have been developed, which include making the document more transparent, and providing training to the member jurisdictions about how the money in the UPWP can be spent, among others. Mr. Cook also noted that it was suggested that a UPWP subcommittee be formed to help guide the process. Next steps stated include finalizing the recommendations and presenting the results to the TCC and MPO for endorsement.

7. 2040 Metropolitan Transportation Plan (MTP)

a. Plan Update

<u>Presenter:</u> Nick Landa

Summary/FYI:

Mr. Landa provided the TCC with an update on the progress of the Plan development, as follows:

- Chapter development is underway;
- The MTP Advisory Committee's next meeting is scheduled for Monday, July 15;
- Public meetings were held the last week of June; and
- Project ranking is underway.

Hearing no questions, highway project ranking was discussed in more detail.

b. Tier 1 Roadway Project Scores – Division 10

<u>Presenter:</u> Nick Landa

Summary/FYI:

Mr. Landa reminded the TCC that approximately 270 MTP candidate projects were received, and that the MPO endorsed a two-tiered roadway project ranking methodology in March 2013. He emphasized that the intent of the methodology was to filter projects through the quantitative Tier 1 criteria in order to evaluate a smaller pool of projects using the Tier 2 criteria. This was done because funds are limited, and it will not be possible to fund all the projects submitted. He noted that the Tier 1 scores for Division 10 are complete, but the Tier 1 scores for Division 12 are not, due to the expansion of the travel demand model, which is not quite complete. Mr. Landa stated that the ranking committee formed by the TCC has met several times, in which a recommendation for where to make the cutoff between Tier 1 and Tier 2 for Division 10 projects has been made, and project ranking using the Tier 2 criteria has begun. He indicated that the ranking committee recommends all projects in Division 10 that scored 95 points, or more, be evaluated using the Tier 2 criteria – which would be a total of 86 projects advancing to Tier 2, more than was originally proposed when the criteria was adopted by the MPO. He then asked for questions.

Mr. Coxe commented that only one jurisdiction is listed for each project, which is misleading since many projects cross through more than one jurisdiction. Mr. Pleasant asked if the information will be available in a map format, to which Mr. Landa replied that it will. Mr. Landa also noted that the information will be posted on the MPO website, both as a list and a map. Mr. Pleasant then asked how non-highway modes are being addressed in the Plan. Mr. Landa responded that historically, the MPO has only focused on ranking highway projects in the long range plan because the type of revenue anticipated for the Plan has traditionally funded highway projects. He noted that other modes and other funding types are identified in the Plan, but not in the same detail as highway projects. Mr. Coxe suggested that the Plan

include non-highway projects that are "existing and committed" (for funding) in the TIP. Norm Steinman noted that the State's transportation legislation has changed so it will be important to work towards being competitive on a statewide level for all modes. Anil Panicker asked how the scoring works for Tier 1 versus Tier 2, to which Mr. Landa replied that the scores are cumulative for projects that advance to Tier 2. Mr. Coxe asked if the TCC desired to take action on the recommended cutoff of 95 points. Mr. Pleasant suggested that it is important for the TCC and MPO to have a voice throughout the evaluation process, and also noted that human input is important when using a quantitative ranking system. He also stated that he would like to know how non-highway modes are being addressed in the MTP, and suggested that it be presented to the TCC at a future meeting. Mr. Coxe asked if that issue could be included on an Advisory Committee agenda, to which Mr. Landa indicated it could.

8. Comprehensive Transportation Plan (CTP) Update

Presenter: Nick Landa

Summary/FYI:

Mr. Landa stated that he included this item on the agenda to provide an update about the progress of the CTP. He noted that work is underway on a few different components of the Plan. First, he noted that the draft maps have been sent to NCDOT's Transportation Planning Branch for review and asked if Mr. Panicker could provide a potential timeline for completion of the review. Mr. Panicker stated that he has received some preliminary comments with regard to formatting. After those changes are addressed, he indicated that NCDOT will make a presentation to the TCC about its review of the maps.

Secondly, Mr. Landa stated that a report is underway to describe the purpose of the CTP and how it is intended to be used. He noted that several staff meetings have gone into the development of the report and that it is largely complete, but a few outstanding issues remain that will be scheduled for discussion at future staff meetings. Finally, he reminded the TCC that a database group has also been formed to determine the structure and content for the underlying information supporting the maps. He asked Jan Whitesell, Charlotte Planning Department GIS staff helping lead the effort, to provide a brief update on the database. Ms. Whitesell provided information to the TCC via a Power Point presentation, the contents of which are incorporated into the minutes here. She provided an overview of database issues that have been discussed, the membership of the CTP database committee, and some of the proposed functionality of the database upon completion. Several examples were provided, and it was noted that the intent is to link the CTP database to a MTP database and TIP database in order to utilize data across all three plans and programs.

9. Upcoming Issues

Mr. Landa announced that a bill was passed to exempt TCC members from the State Ethics requirements, and that all Statements of Economic Interest previously submitted by TCC members would be destroyed. He also announced that House Bill 817 passed, meaning the new Strategic Mobility Formula is law, signifying a change in transportation funding distribution throughout the State.

Mr. Pleasant noted that a meeting was recently held to discuss MPO staffing levels, which is an important issue that will require further discussion and analysis.

10. Adjourn: The meeting was adjourned at 11:50 AM.



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TO: TCC Members

FROM: Robert W. Cook, AICP

MUMPO Secretary

DATE: July 24, 2013

SUBJECT: 2012-2018 TIP Amendments

REQUEST

The TCC is requested to recommend to the MPO that it amend the TIP as noted in the table below.

BACKGROUND

NCDOT's Program Development Branch has requested that MUMPO amend its TIP for the projects listed below.

TIP#	Description	Proposed Amendment	Reason
C-5533	Construct roundabout at	Accelerate construction from FY	Requested by City
	intersection of Shopton	16 to FY 14; change project	
	Road and Beam Road in	description to add additional	
	Charlotte	lane on one approach to	
		roundabout	
U-5511	Construct roundabout at intersection of NC 51 and Matthews-Mint Hill Road in Matthews	Accelerate construction to FY 14	Project not previously programmed for funding; planning and engineering was programmed (TIP
	Fidelitews		amendment action in November 2011)

ATTACHMENTS

A draft resolution is included in the agenda packet.

RESOLUTION

ADOPTING AMENDMENTS TO THE MECKLENBURG-UNION URBAN AREA METROPOLITAN TRANSPORTATION IMPROVEMENT PROGRAM FOR FY 2012- FY 2018

A motion w	as made by	_ and seconded by	for the adoption of
	on and upon being put to a vote	•	
current FY 2	2012-FY 2018 Transportation	tropolitan Planning Organization Improvement Program and found	the need to amend it; and
have been p		to the North Carolina Transpor	tation improvement Program
TIP#	Description	Proposed Amendment	Reason
C-5533	Construct roundabout at intersection of Shopton Road and Beam Road in Charlotte	Accelerate construction from FY 16 to FY 14; change project description to add additional lane on one approach to roundabout	Requested by City
U-5511	Construct roundabout at intersection of NC 51 and Matthews-Mint Hill Road in Matthews	Accelerate construction to FY 14	Project not previously programmed for funding; planning and engineering was programmed (TIP amendment action in November 2011)
WHEREAS State Imple with 40 CFF WHEREAS all requirem	s; and S, the MPO finds that the proposed mentation Plan for maintaining 51 and 93; and S, the 2035 Long Range Transpents of 23 CFR 450.	Committee voted to recommend to consed amendment conforms to the right the National Ambient Air Quarterportation Plan has a planning homeometric committee voted to recommend the conformation of the committee voted to recommend the committee voted the committee voted to recommend the committee voted the voted the committee voted the voted the committee voted the v	purpose of the North Carolina ality Standards in accordance rizon year of 2035 and meets
Organizatio	n that the FY 2012-FY 2018 rg-Union Urban Area be amend	LVED by the Mecklenburg-U 3 Metropolitan Transportation Ir led as listed above on this the 21 st	nprovement Program for the day of August, 2013.
hereby certi	fy that the above is a true and	Mecklenburg-Union Metropolita correct copy of an excerpt from the gorganization, duly held on this to	ne minutes of a meeting of the
Sara	ah McAulay, Chairman	Ro	bert W. Cook, Secretary

MECKLENBURG-UNION METROPOLITAN PLANNING ORGANIZATION (INFLATED) STIP FUNDING SUMMARY 2012 - 2015 (July 2011)

(estimates are in thousands of dollars)

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FUNDING_TYPE	FUNDING	FUND_DESCRIPTION	2012	2013	2014	2015
С	С	City	8187	12599	4852	10514
F	CMAQ	Congestion Mitigation	1192	7218	6544	19483
F	DP	Discretionary or Demonstration	10588			
F	FA	Bridge Replacement On Federal Aid System	3468	79	3869	5879
F	FED	Federal	4080	6808	5516	5737
F	HES	High Hazard Safety	379	530		
F	HP	High Priority	10723	5701		
F	IM	Interstate Maintenance		106		4073
F	IMPM	Interstate Maintenance	1651	1717	1786	11036
F	NFA	Bridge Replacement Off Federal Aid System	1552	1081	988	3045
F	NHS	National Highway System	105541	108126	76885	97631
F	STHSR	Stimulus High Speed Rail	7840	47560	45546	47333
F	STPDA	Surface Transportation Program (Direct Attributable)	21500	5090	10146	12112
F	STPEB	Surface Transportation Program (Enhancement)				1721
0	BOND R	Revenue Bond	25705	34450	31037	56144
0	L	Local		338		
0	0	County/Other Local Government	6357	5331	5642	4720
S	APRBD	Appropriation Bond	241740			
S	S	State	1235	6	6	7
S	S(5)	State (Transit)	1521	1582	1645	1711
S	S(M)	State Match for STP-DA or Garvee Projects	22670	5585		
S	T	Highway Trust Funds			1654	
S	T2001	State Rail Funds	1550	1612	1676	1744

STATEWIDE (INFLATED) STIP FUNDING SUMMARY 2012 - 2015 (July 2011)

(estimates are in thousands of dollars)

			<u>(estimates are in thousands of dollars)</u>			
FUNDING_TYPE	FUNDING	FUND_DESCRIPTION	2012	2013	2014	2015
С	С	City		647	696	749
F	BRGI	Bridge Inspection	11220	11668	12135	12621
F	CMAQ	Congestion Mitigation	81	5523	5859	6216
F	FA	Bridge Replacement On Federal Aid System	2550	2652	2758	34422
F	FLPP	Federal Lands Program	173	180	187	194
F	HES	High Hazard Safety	11424	11880	12355	12850
F	IM	Interstate Maintenance	9945	10342	10756	11187
F	IMPM	Interstate Maintenance	408	424	441	458
F	NFA	Bridge Replacement Off Federal Aid System	2550	2652	2758	5737
F	NHS	National Highway System	4845	5038	5239	13481
F	NRT	National Recreation Trails	1224	1272	1323	1376
F	RR	Rail-Highway Safety	13830	1325	1378	1433
F	SRTS	Safe Roads to School	4590	4773	4963	5161
F	STHSR	Stimulus High Speed Rail	18372	1073		
F	STP	Surface Transportation Program	29070	30232	31440	32699
F	STPEB	Surface Transportation Program (Enhancement)	907	942	978	1016
F	STPEL	Surface Transportation Program (Enhancement)	4411	4586	4768	4960
F	STPEP	Surface Transportation Program (Enhancement)	153	159	165	172
F	STPER	Surface Transportation Program (Enhancement)	1428	1485	1544	1606
0	0	County/Other Local Government	8180	571	594	617
S	PLF	Personalized Automobile License plate Funds	1723	1791	1863	1938
S	S	State	11553	8123	2932	3048
S	T	Highway Trust Funds	1530	1591	1654	9752
S	T2001	State Rail Funds	5789	6058	6344	6642

MECKLENBURG-UNION METROPOLITAN PLANNING ORGANIZATION (INFLATED) STIP FUNDING SUMMARY 2012 - 2015 (July 2011)

(estimates are in thousands of dollars)

FUNDING_TYPE	FUNDING	FUND_DESCRIPTION	2012	2013	2014	2015
F	CMAQ	Congestion Mitigation	5150	7070	3721	7446
F	FED	Federal		16264	13505	70144
F	FEPD	Elderly and Persons with Disablity (5310)	249			
F	FMOD	Fixed Guideway Modifications	848	937	1431	3540
F	FNF	New Freedom Program	538	594	642	700
F	FNS	New Starts - Capital (5309)	101449	110855	247260	328575
F	FNU	Non Urbanized Area Formula Program (5311)	347			
F	FUZ	Urbanized Area Formula Program (5307)	72881	40055	37874	36606
F	JARC	Job Assistance and Reverse Commute (3037)	762	794	826	858
S	EDTAP	State Elderly and Disabled Transportation	411	428	445	463
S	EMP	Rural Employment Transportation (ROPE)	491	510	531	552
S	RGP	Rural General Public Program	233	242	252	262
S	SMAP	Operating Assistance and State Maintenance	13315	13847	14402	14978
S	UTCH	Urban Technology	432			