

**Member Governments**

Town of Carrboro  
Town of Chapel Hill  
County of Chatham  
City of Durham  
County of Durham  
County of Orange  
NC Department of  
Transportation  
Town of Hillsborough

**DURHAM – CHAPEL HILL-CARRBORO  
METROPOLITAN PLANNING ORGANIZATION  
TECHNICAL COORDINATING COMMITTEE (TCC)**

**AGENDA**

**November 28, 2012  
9:00 am**

**City Council Committee Room  
2nd floor Durham City Hall**

- 1. Roll Call**
- 2. Adjustments to the Agenda**
- 3. Public Comments**

**CONSENT AGENDA**

**4. Approval of October 24, 2012 TCC Meeting Minutes  
Attachment 4**

A copy of the October 24, 2012 minutes is enclosed as Attachment 4.

**TCC Action:** Approve minutes of the October 24, 2012 TCC meeting.

**ACTION ITEMS**

- 5. 2040 Metropolitan Transportation Plan (MTP), Comprehensive Transportation Plan (CTP)  
Attachment (to be posted prior to meeting)  
Andy Henry, LPA Staff  
Yanping Zhang, LPA Staff**

At their November 2012 meeting, the TAC conducted a public hearing on the Preferred Option and provided some minor comments on the plan. The next steps in the 2040 MTP process include:

- Approve 2040 MTP projects and financial assumptions – December 2012;
- Release Air Quality Conformity document and full report for 2040 MTP – February 2013;
- Adopt 2040 MTP and Air Quality Conformity Analysis – April 2013 TAC.

The next steps in the CTP process include:

- Approve CTP projects – December 2012;
- Release CTP maps and full report – March 2013;
- DCHC MPO adopt CTP – June 2013; and,

- NCDOT board adopt CTP – August 2013.

Staff will review proposed changes to the Preferred Option for creating the draft 2040 MTP and proposed changes to the draft CTP. In addition, staff will identify the information to be presented to the TAC at their December meeting.

**TCC Action:** Recommend the draft 2040 Metropolitan Transportation Plan (MTP) and Comprehensive Transportation Plan (CTP) for TAC approval.

## **6. Interim STPDA Allocation Guidance**

### **Attachment 6, 6A**

**Ellen Beckmann, LPA Staff**

In September, the TCC reviewed a proposed Interim STPDA Request Guidance developed by the LPA staff. The TCC requested that the TIP/STPDA Subcommittee review the guidance and bring it back to the TCC at a future meeting. The TIP/STPDA Subcommittee met on November 19, 2012 (Attachment 6). The Guidance has been modified to reflect the Subcommittee's recommendations (Attachment 6A).

**TCC Action:** Receive Subcommittee recommendation. Approve Interim STPDA Allocation Guidance.

## **7. FY 2012 STPDA Projects**

### **Attachment 6**

**Ellen Beckmann, LPA Staff**

The TAC approved a TIP Amendment to advance several FY 2012 STPDA programmed projects to FY 2013. However, several unobligated FY 2012 STPDA projects that were not making progress were not included in this amendment. The TAC requested that the TCC bring back a recommendation on these stalled projects to the December TAC meeting. The TIP/STPDA Subcommittee met on November 19, 2012 (Attachment 6). Additional information is needed from the Town of Chapel Hill and City of Durham before finalizing a recommendation for these projects. A TIP Amendment may be necessary.

**TCC Action:** Receive Subcommittee recommendation.

## **8. City of Durham STPDA Funding Request for U-4011**

### **Attachment 6**

**Ellen Beckmann, LPA Staff**

The City of Durham is requesting STPDA funding for one NCDOT managed highway TIP project. The funding would go towards the construction of sidewalks associated with U-4011, Miami Blvd. widening. The City is requesting approximately \$63,156 for U-4011 (federal STPDA). The municipal agreement for this project states that NCDOT will provide the 20 percent local match if STPDA is used. The Subcommittee recommends that the STPDA funding for this project be taken from the \$556,000 currently programmed for the Cheek Road bicycle and pedestrian project, a FY 2012 project that has been stalled.

**TCC Action:** Receive Subcommittee recommendation. Recommend that the TAC approve \$63,156 of STPDA funding for U-4011.

**REPORTS FROM STAFF:**

**9. Reports from Staff**

**Attachment 9**

**Felix Nwoko, LPA Staff**

**TCC Action:** Receive Report from staff

**10. Report from the Chair**

**No attachment**

**Mark Ahrendsen, TCC Chair**

**TCC Action:** Receive Report from TCC Chair

**11. NCDOT Report**

**Attachment 11**

**Wally Bowman, Division 5 – NCDOT**

**Mike Mills, Division 7 – NCDOT**

**Julie Bollinger, Transportation Planning Branch – NCDOT**

**David Bender, Public Transportation Division – NCDOT**

**Kelly Becker, Traffic Operations – NCDOT**

**INFORMATIONAL ITEMS:**

**Adjourn**

**Next meeting: December 19, 2012\*\*\*This is on the 3<sup>rd</sup> Wednesday due to the holidays\*\*\***

1 **TECHNICAL COORDINATING COMMITTEE**

2 **October 24, 2012**

3 **MINUTES OF MEETING**

4 The Technical Coordinating Committee met on October 24, 2012 at 9:00 a.m. in the Council  
 5 Committee Room on the second floor of Durham City Hall. The following attended:

- 6 \*\*Mark Ahrendsen City of Durham – Transportation (TCC Chair)
- 7 \*\*Tom Altieri Orange County
- 8 \*\*Craig Benedict (Alternate) Orange County
- 9 \*\*Julie Bollinger NCDOT – TPB
- 10 \*\*Jeff Brubaker Town of Carrboro
- 11 \*\*Margaret Hauth (Alternate) Town of Hillsborough
- 12 \*\*Andy Henry City of Durham – Transportation
- 13 \*\*John Hodges-Copple Triangle J COG
- 14 \*\*Tasha Johnson City of Durham – Public Works
- 15 \*\*James Lim (Alternate) Research Triangle Foundation
- 16 \*\*Ray Magyar UNC – Transportation
- 17 \*\*Patrick McDonough Triangle Transit
- 18 \*\*Kumar Neppalli Town of Chapel Hill
- 19 \*\*Felix Nwoko City of Durham – Transportation
- 20 \*\*Pierre Osei-Owusu City of Durham – DATA
- 21 \*\*Scott Whiteman Durham City/County Planning
- 22 \*\*Patrick Wilson (Alternate) NCDOT – Division 7
- 23 \*\*Laura Woods Durham City/County Planning
- 24
- 25 Ellen Beckmann City of Durham – Transportation
- 26 Maricia Brown City of Durham – Transportation
- 27 Dale McKeel City of Durham – Transportation
- 28 Tina Moon Town of Carrboro
- 29 Ed Venable City of Durham – Engineering
- 30 Mila Vega Town of Chapel Hill

- 31
- 32 \*\*Voting Member
- 33 ^Temporary Non-Voting Member
- 34 Quorum Count: 18 of 23 Voting Members
- 35

36 Mark Ahrendsen, TCC Chair, called the meeting to order at 9:06 a.m. The Alternate Voting  
 37 Members were identified and indicated above.

38 Ed Venable introduced Tasha Johnson who is the new Assistant Director of Public Works  
39 Engineering Services and is now the voting member. Ed Venable and Jeff Lecky will serve as  
40 alternates.

41 **PRELIMINARIES:**

42 **Adjustments to the Agenda**

43 There were no adjustments to the agenda.

44 **Public Comments**

45 There were no comments from the public.

46 **CONSENT AGENDA:**

47 Both Consent Agenda items 4 and 5 were pulled from the Consent Agenda.

48 **Approval of September 26, 2012 TCC Meeting Minutes (Attachment 4)**

49 A motion was made by Felix Nwoko and seconded by Pierre Osei-Owusu to approve the  
50 September 26, 2012 TCC Meeting Minutes with the amendment that Tom Altieri is a voting member  
51 and not an alternate. The motion carried unanimously.

52 **MPO Boundaries and Organization (Attachments 5, 5A, 5B, 5C, and 5D)**

53 Ellen Beckmann provided an introduction and update for the MPO Boundaries and  
54 Organization, along with the attachments. We need to update the Memoranda of Agreement in  
55 Attachments 5C and 5D to meet NCDOT and FHWA requirements. Specifically, they wanted to know  
56 roles and responsibilities for transit planning, data collection and sharing of data, funding, sub-  
57 allocated and FTA funds, project prioritization and selection. We are working on the language to  
58 meet the requirements. We are really only documenting what we are already doing. Ms. Beckmann  
59 suggests recommending the agreements subject to the language being added and asking the TAC to  
60 consider approval on November 14, 2012.

61 A motion was made by Patrick McDonough and seconded by Tom Altieri to recommend TAC  
62 approval of the 2010 Durham Smoothed Urbanized Area; recommend approval of the DCHC MPO  
63 Metropolitan Planning Area; recommend approval of agreements with the Capital Area MPO and  
64 Burlington-Graham MPO regarding planning boundaries. The motion carried unanimously.

65 **ACTION ITEMS:**

66 **2040 Metropolitan Transportation Plan (MTP), Comprehensive Transportation Plan (CTP)**  
67 **(Attachment to be posted prior to meeting)**

68  
69 Andy Henry provided an introduction and update for the 2040 Metropolitan Transportation  
70 Plan (MTP), Comprehensive Transportation Plan (CTP), along with the attachment.

71 Patrick McDonough thinks the transit mode share for work trips will rise. It is easier to take  
72 transit for a longer work trip and easier to walk or bike shorter non-work trips. We need to separate  
73 out non-work trips. Andy Henry stated there is a meeting tomorrow to look at revising the transit  
74 networks.

75 Andy Henry stated the Orange County Board of County Commissioners asked that we go back  
76 and look at the SE Data for population totals because they think it is too high for Orange County.  
77 Community Viz is doing a land use model, it is looking at the rural buffer in Orange County and it says  
78 it is a great place to live. It is showing the density of growth. Ellen Beckmann questioned the growth  
79 in Chapel Hill. Andy Henry will check the growth in Chapel Hill.

80 Craig Benedict is concerned that a lot of the growth in the rural buffer is in a low density area  
81 per a joint planning agreement with Chapel Hill and Carrboro. Can the land use program  
82 accommodate those densities per the joint land use plan? The employment data are statistical. With  
83 the addition of 50,000 jobs over the next thirty years; what would it take to create the capacity for  
84 that employment growth; what equivalency will you have for the amount of square footage in the  
85 sector. We need to look at the reality for the growth in Orange County.

86 John Hodges-Copple asked if the rural buffer is being developed because there is a single  
87 family demand in Orange County that there is no space for in Carrboro and Chapel Hill.

88 Craig Benedict stated Orange County needs to have a discussion on the pattern of growth in  
89 the rural buffer. John Hodges-Copple and Jeff Brubaker suggested checking the place types in the  
90 rural buffer and checking the development to see if farms have conservation easements.

91 Mark Ahrendsen asked if everyone is comfortable with the numbers. Margaret Hauth stated  
92 the Town of Hillsborough is maybe a little high, but they are comfortable with the base information.  
93 Jeff Brubaker stated it could be higher population growth in the Town of Carrboro, but they don't  
94 have a single comprehensive land use plan to base this on. Craig Benedict is still concerned about  
95 the growth in Orange County. The model isn't using the joint planning agreement. Felix Nwoko  
96 asked how the OWASA growth assumptions compare with Orange County. Craig Benedict stated  
97 that is a good tool to use.

98 Patrick McDonough stated we have a joint planning agreement that is going to result in rural  
99 sprawl, a rise in home prices in Orange County, or suppress growth and move the growth out of the  
100 county. Do we think there is time, resources, or capability to put the question on the table? Mark  
101 Ahrendsen stated we don't have time to change the numbers. This is the future in accordance with  
102 the existing plans and policies. We need to go through the exercise to look at the result of the joint  
103 planning agreement.

104 Jeff Brubaker suggested keeping these issues in mind for the 2045 plan and look at using  
105 regional control totals.

106 Julie Bollinger asked about the Northern Durham Parkway and the loop funding. Ellen  
107 Beckmann stated we aren't separating out loop funding and loop projects are no longer required to  
108 be specifically designed by the legislature. Another project could get loop funding if we lose the

109 Northern Durham Parkway funding. Andy Henry stated there are adjustments in Chapel Hill for  
110 employment.

111 Andy Henry stated the TAC meeting for November will be a night meeting beginning at 7:00  
112 p.m. with a public hearing.

113 **Public Involvement Policy (Attachments 7 and 7A)**

114 Ellen Beckmann provided an introduction and update for the Public Involvement Policy,  
115 along with the attachments.

116 Pierre Osei-Owusu suggested touching base with the transit systems on activities. Jeff  
117 Brubaker stated the NCDOT Statewide Bicycle and Pedestrian plan is a good website for interactive  
118 public involvement. Mr. Brubaker suggested using the Mind Mixer software. Maricia Brown  
119 suggested adding the timeline for citizens to see. Dale McKeel stated the SAFETEA-LU references are  
120 outdated. Ellen Beckmann stated the policy is outdated and is only designed to meet the public  
121 involvement policy issues identified as corrective actions from our last certification review. We agree  
122 that we need to update the entire policy.

123 A motion was made by Scott Whiteman and seconded by Jeff Brubaker to recommend TAC  
124 approval of the Public Involvement Policy. The motion carried unanimously.

125 **STPDA Schedule Changes (Attachments 8, 8A, 8B, and 8C)**

126 Ellen Beckmann provided an introduction and update for the STPDA Schedule Changes, along  
127 with the attachments.

128 Felix Nwoko suggested having the local jurisdictions bring back documentation for the  
129 subcommittee to review to decide whether to move the funding for their projects.

130 A motion was made by Patrick McDonough and seconded by Felix Nwoko to recommend a  
131 TIP amendment for those projects moving forward and to refer the other projects to the  
132 subcommittee for review and consideration. The motion carried unanimously.

133

**REPORTS FROM STAFF:****Reports from Staff (Attachment 9)**

135           The Reports from Staff is attached for review. Dale McKeel emphasized the Watch for Me  
136 NC campaign. There is a presentation on October 30, 2012 from 10:00 a.m. to 10:30 a.m. at the  
137 intersection of Gregson and Lamond, near the Durham School of Arts. The Director of the National  
138 Highway Traffic Safety Administrator, the Mayor of Durham, Police Chief, Bicycle and Pedestrian  
139 Coordinator will be present.

140           Maricia Brown emphasized the FY2013-2014 DCHC MPO UPWP Development Schedule and  
141 the FY2012-2013 UPWP Amendment Schedule that is included as part of the report.

**Report from the Chair (No attachment)**

143           Mark Ahrendsen reminded everyone of the Joint TAC meeting to be held on October 31,  
144 2012 at 9:00 a.m. at the RTP headquarters. There is an Orange County referendum on the ½ cent  
145 sales tax on the November 6, 2012 ballot.

**NCDOT Report (Attachment 11)**

147           Patrick Wilson, Division 7, provided an update on projects. There was a press release last  
148 Friday concerning some work on Weaver Dairy Road.

149           Julie Bollinger stated Siler City will have two public involvement sessions on November 15,  
150 2012 for the Chatham County CTP.

**Adjournment**

152           There being no further business before the Technical Coordinating Committee, the meeting  
153 adjourned at 10:46 a.m.

**TCC TIP Subcommittee Meeting**  
 Durham City Hall, Transportation Conference Room  
 November 19, 2012, 9 am

1. FY 2014-2020 TIP Development Schedule
    - a. Delay one month to accommodate local government review
      - i. Chatham County – 11/19/12
      - ii. City of Durham – 11/20/12
      - iii. Chapel Hill – 12/3/12
      - iv. Carrboro – 12/4/12
      - v. Hillsborough – 12/10/12 (if local staff desire to bring it to the Town Board)
      - vi. Durham County – 1/7/12
      - vii. Orange County - ?
    - b. December 19 TCC – receive comments from local governments
    - c. January 9 TAC – endorse list of issues
    - d. Late January – priority sessions with NCDOT
      - i. Desire to schedule two meetings (Divisions 5&8, Division 7) on same day at Durham City Hall, perhaps with an overlap session to discuss regional issues.
    - e. Issues:
      - i. Overall allocation of funding among categories
        1. Allocation does not meet expressed needs from statewide summits
        2. How does allocation compare to Statewide 2040 Plan?
        3. Subregional Modernization – only \$14 million statewide, no on-road bicycle projects
          - a. How would these projects be managed?
          - b. Subject to local contributions like a bike/ped project?
      - ii. Funding eligibility
        1. Subcommittee recommends presentation to TCC/TAC on MAP-21 including funding eligibility issues
        2. FHWA and NCDOT to present information
2. Interim STPDA Allocation Guidance
  - a. Next call for projects should be held in fall 2013. Will allow local governments to consider FY 2015 projects when developing FY 2015 budget. MPO should receive a report after local government budgets are approved on if local match funding is committed.
  - b. Suggestions for next call for projects:
    - i. Allocate 4 years of funding over 2 years. This would provide a 2 year buffer for governments to catch up before next call.

- ii. Include Transportation Alternatives in STPDA allocation. Need to determine how to meet the competitive process requirement.
    - c. Until fall 2013, Subcommittee recommended LPA staff recommendation with a few modifications:
      - i. If a local government needs additional funding, they should first look at resources already programmed for their projects. If they know a project will not move forward, they should shift funds to the project in need of funding.
      - ii. Local governments should be encouraged to seek other grant opportunities (TIGER, TCSP)
      - iii. Before the next call for projects, LPA staff should develop a comparison of funding obligated by project type/jurisdiction and the original 2008 funding allocation.
        - 1. A balancing should be required in the next Call for Projects if a local jurisdiction's obligations exceed the original allocation
        - 2. Would allow for variations in project funding levels over several years. (Ex. May be high for one call, lower for the next.)
    - d. Upcoming request:
      - i. City of Durham
        - 1. U-4011 – S. Miami Blvd. widening - sidewalks – approx. \$78,945.00 (100%)
        - 2. U-3804 – Hillandale Rd. widening – sidewalks – approx. \$49,581.21 (100%)
        - 3. Want TAC action quickly as they expect to be billed soon.
      - ii. Subcommittee recommends using funding not needed for Cheek Road project (see below).
      - iii. ***Subsequent to the TIP Subcommittee meeting, LPA staff realized that \$64,915 of STPDA has already been obligated for U-3804. This was obligated on 6/16/2010. It exceeds the actual amount of funding now estimated to be needed for the project.***
3. FY 2012 STPDA Projects
  - a. Town of Carrboro, Town of Chapel Hill, and City of Durham have FY 2012 projects that are stalled or not making progress toward obligation of funding.
  - b. TAC requested a response by next meeting
  - c. LPA staff desires to have all projects obligated by FY 2014 (fall 2014). Any project not complete will be de-programmed and a local government may program it in the next call for projects.
  - d. Carrboro
    - i. Jones Creek Greenway – Carrboro desires to move some funding to U-4726DE. However, they do not want to abandon this project. They will try to provide a response to the LPA.

- ii. S. Greensboro Sidewalk – Carrboro will decide through the FY 2014 local budget development process
- iii. ***Subsequent to the TIP Subcommittee meeting, Carrboro staff provided the following:***

***We tentatively propose to shift the \$214,700 STP-DA allocation for the Jones Creek Greenway to U-4726-DC – Wilson Park MUP and U-4726-DE – Homestead-CHHS Multi-use Path as follows.***

	<b>Amount</b>
<b><i>Jones Creek Greenway</i></b>	<b><i>\$ (214,700)</i></b>
<b><i>Wilson Park Multi-use Path</i></b>	<b><i>\$ 111,016</i></b>
<b><i>Homestead-Chapel Hill H.S. Multi-use Path</i></b>	<b><i>\$ 103,684</i></b>
<b><i>TOTAL</i></b>	<b><i>\$ -</i></b>

***We would like for this to be considered by the TCC next week, and TAC in December. The Wilson Park Multi-use Path has experienced a cost overrun primarily due to a substantial amount of additional soil stabilization necessary that was not originally anticipated.***

- e. Chapel Hill
  - i. Chapel Hill Sidewalks/MLK Pedestrian Improvements – Schedule is undetermined. Depends on conclusion of Alternatives Analysis study. LPA will request if portions of the sidewalks can be advanced ahead of the study.
- f. Durham
  - i. Avondale Road Sidewalk – City will proceed with design of the project in house. Expect to put construction out for bid in July 2014. Estimated construction cost \$427,000 (100% cost)
  - ii. Cheek Road Bike/Ped – Construction estimated to be \$3.7 million – far exceeding the STPDA available. In addition, the project would not be ready to go out to bid until July 2015. Durham will shift some funding to U-4011 and will consider shifting remaining funding to other FY 2014 programmed projects. Durham will reevaluate if it wants to pursue this project in the next call for projects.

**MEMORANDUM**

**To:** Technical Coordinating Committee  
DCHC MPO

**From:** DCHC MPO Lead Planning Agency

**Date:** November 28, 2012

**Subject:** **Interim STPDA Allocation Guidance**

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Typically, the MPO programs STPDA funding for a set number of future years (last time it was for FY 2009-2015) based on our unobligated balance and estimated future allocations. If the MPO obligates more funding now, the unobligated balance will decrease and thus there will be fewer funds to allocate to future projects. Based on our adopted STPDA distribution formula, the impact will be distributed proportionately across all funding categories and jurisdictions.

The TCC TIP/STPDA Subcommittee recommends that we delay the next STPDA Call for Projects until fall 2013. The MPO has 26 projects programmed for obligation in FY 2012 through 2015. Many of these projects have been delayed by one or more years. With so many projects currently behind schedule, the MPO would like our member jurisdictions to focus on obligating projects over the next couple of years before we start to program future funding. By fall 2013, the MPO will have a better idea of which projects have been able to move forward, which projects may need to be cancelled due to inactivity, and which projects may still be desired but need additional funding. In addition, with the changes in the local programs management process, member jurisdictions are learning which projects are best to pursue with federal funding and which are better done with local funds. Delaying the call for projects will allow local jurisdictions more time to consider which of their priorities are better suited for federal funding and which are better done with local funding.

Furthermore, an issue with the current STPDA program and allocation process is that local jurisdictions have difficulty anticipating their needs far out into the future. This has resulted in many projects being delayed, cancelled, or funding reassigned. It increases the amount of TIP amendments necessary and LPA Staff oversight to track funding. For the next call for projects, the MPO may want to limit the allocation to a shorter, more immediate time period (maybe two years only) so jurisdictions only program projects that are able to meet their anticipated schedules. Similarly, some STPDA funding is allocated to routine and special planning projects. The LPA is also better able to anticipate our planning needs on a shorter term basis.

In the interim until the next Call for Projects is held, LPA staff realizes that project circumstances may require additional funding. Over the past year, additional funding requests approved by the TAC have included:

- Additional funding for the American Tobacco Trail project by the City of Durham when project bids exceeded the available funding. \$2,791,377
- Additional funding for the Wilson Park multi-use path by the Town of Carrboro when project estimates rose from the original request made in 2007. \$25,303 (15% of the original allocation)
- Additional funding for the Old Durham-Chapel Hill Road project by the City of Durham when project estimates rose \$2,781,291
- Additional funding for sidewalks associated with U-4716B, the Hopson Road project. \$36,000

Since the MPO has a high unobligated balance of STPDA funding and NCDOT staff has confirmed that we can over-obligate funding in the short-term as needed, the TIP/STPDA Subcommittee recommends continuing to support additional allocations of funding to projects subject to the following conditions:

- The local jurisdiction should first consider if funding programmed for current projects will be needed. If any project won't be obligated by FY 2014, funding should be reassigned from that project.
- The local jurisdiction should be encouraged to apply for federal grant opportunities before requesting additional STPDA.
- Up to 15% additional funding for existing STPDA funded projects will be recommended for approval to reflect inflation and other cost increases that may have occurred since the original cost estimates were developed.
  - In the original 2009-2015 STPDA Call for Projects, 15% of funding was set aside for the Annual Reserve category. Cost overruns and small projects were to be considered for Annual Reserve funding. As such, the MPO had said that we would limit funding for cost overruns by a maximum of 15% of our total STPDA allocation. Thus, limiting current request for additional funding to 15% is somewhat consistent with this previous policy.
- Over 15% additional funding for existing STPDA funded projects should be carefully considered by the TCC and TAC. If the project is of regional significance and the justification for the increase is deemed reasonable, the request will be recommended for approval.
  - Regional projects are being emphasized in order to try to maintain some consistency with the original allocation of funding in the Local Discretionary category. Allowing large cost increases for local projects would lead us to be inconsistent with the original allocation to each jurisdiction. In addition, LPA staff recommends starting to increase emphasis on regional projects for the use of federal transportation funding.
- NCDOT managed highway projects that require "betterment" costs for sidewalks, landscaping, and aesthetic treatments should be considered by the TCC and TAC. LPA staff strongly supports the use of STPDA funding to help make sidewalks more affordable to the local jurisdiction. Landscaping and aesthetic treatments are lower priority for the use of STPDA funds, but may still be considered.
  - Under the NCDOT sidewalk policy, if STPDA funds are not used, NCDOT and the local jurisdiction would share costs – up to 50/50. When STPDA funds are used, NCDOT policy says that other state funding cannot be used to provide the local match. While

the use of STPDA funds decreases the local contribution to 20 percent, NCDOT benefits even more as their contribution is decreased to zero.

- LPA staff would like NCDOT to change this policy to allow the use of state funding to provide the local match. We will request a change to this policy through the NC Statewide Bicycle and Pedestrian Plan.
- Local jurisdictions can propose to shift STPDA funds between existing STPDA funded projects as needed. Shifts that do not require an increase in total funding for the jurisdiction will be recommended for approval.
- LPA staff does not recommend approval of funding for new locally managed projects that have not previously been allocated STPDA funding.
- LPA staff does not recommend making allocation changes to projects until the project has met all federal funding requirements and the project is near ready to be put out for bid. Additional funding is expected to be obligated in the current fiscal year.
- If the additional STPDA funding approved for a project does not end up being needed, the funding returns to the MPO's total allocation. The local jurisdiction cannot shift the funds to another project.

Before the next Call for Projects, LPA staff will examine how the actual obligation of funding to STPDA projects compares to the original vision for the distribution of STPDA funding across project types and jurisdictions. If there is an imbalance, LPA staff will take this into consideration in the Next Call for Projects. In other words, there will be balancing to make sure that if a jurisdiction exceeded its allocation by a significant amount, they will have a corresponding decrease in funding for the next Call for Projects.

## MEMORANDUM

**To:** Transportation Advisory Committee (TAC)  
DCHC MPO

**From:** DCHC MPO Lead Planning Agency

**Date:** November 14, 2012

**Subject:** **Lead Planning Agency (LPA) Staff Report**

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This memorandum provides a summary status of tasks for projects in the FY 2011-2012 Unified Planning Work Program.

- Indicates that task is ongoing and not complete.
- ✓ Indicates that task is complete.

### **FY 2011- 2012 Unified Planning Work Program (UPWP) – Projects**

#### **Town of Carrboro Transportation Study/Main Street Road Diet**

- ✓ Consultant selected
- ✓ Scope development/contract negotiation complete
- ✓ Data Collection to commence in September 2011 – Analysis Underway

#### **Town of Hillsborough Downtown Transportation Study**

- ✓ Consultant selected
- ✓ Scope development/contract negotiation complete
- ✓ Data Collection to commence in September 2011 – Analysis Underway

#### **2040 Metropolitan Transportation Plan MTP (formerly LRTP)**

- ✓ LRTP Schedule/Timeline TAC Approval – August 2011
- ✓ Socio-economic and demographic data analysis completed
- ✓ LRTP Public Involvement plan – March/April/May 2012
- ✓ LRTP Goals and Objectives – March/April/May 2012
- ✓ Approval of LRTP Targets - March/April/May 2012
- ✓ Deficiency Analysis – June 2012
- ✓ Socio-economic Forecasts – June 2012
- ✓ Land use Scenario – August 2012
- ✓ Alternative Analysis – completed
- MTP (LRTP) Preferred Option – September 2012
- Draft MTP (LRTP) Recommendation – December 2012
- Air Quality analysis and Conformity Adopted - January 2013 - February 2013
- Approval of MTP (LRTP) and Conformity determination - April/May 2013
- Technical report and implementation

#### **Comprehensive Transportation Plan (CTP)**

- Draft CTP –Depends on NCDOT Schedule
- Public Input

- Recommended CTP
- Adopted CTP - September 2012
- Technical report and implementation

#### **NC 54/I-40 Corridor/Sub-Area Study**

- ✓ Staff study initiation meeting
- ✓ Draft scope of services
- ✓ Agency review of scope and time
- ✓ Request for Proposal notice – October 2008
- ✓ Proposal due January 2009
- ✓ Consultant selected
- ✓ Contract negotiation underway
- ✓ Council contract approval – May 18, 2009
- ✓ Notice to Proceed – June 2009
- ✓ Kickoff Meeting – July 2009
- ✓ Public Outreach Plan – August 2009
- ✓ Prepare Corridor / Subarea Community Profile – Dec 2009
  - ✓ Public Workshop #1 – Fall 2009
- ✓ Development and Evaluation of Scenarios – Apr 2010
  - ✓ Public Workshop #2 – Feb 25, 2010
- ✓ Transportation/Land Use Master Plan – June 2010
  - ✓ Public Workshop #3 – May 11, 2010
- ✓ Documentation and Final Presentation – June 2010
- ✓ Local agency review – ongoing
- ✓ Additional study to address issues raised during public comment
- ✓ Phase 2 – Draft plan completed
- ✓ Study completion – June 2012

#### **GIS/Data Integration and Automation**

- ✓ Phase I completed. Internal review and implementation in progress
- ✓ Phase I deployment
- Phase 2 – underway
- Phase 2 Database development – ongoing

#### **Land-use Model Development**

- ✓ Multi-year project in progress
- ✓ Phase 1 completed
- ✓ Sensitivity analysis and testing in progress
- ✓ Data development in on-going
- Phase 2- Parcel level model for DCHC
  - ✓ Initial database – TBD
  - Initial model estimation – TBD
  - Initial calibration – TBD

#### **MPO Parking Survey and Study (postponed)**

- Parking model specification
- Regional Coordination and planning
- Draft scope of services
- Request for Proposal notice

- Consultant selection
- Council contract approval
- Project commences

#### **MPO Community Viz. Scenarios Planning and Visualization**

- ✓ Project kick- off in November 2010 – completed
- ✓ Data collection – completed
- ✓ Build Scenario Planning Tool
- ✓ Develop and approve Place Typology – Place Type Palette – completed
- ✓ Focus Group Meetings – completed
- ✓ Trend Forecasts
- ✓ Partnering Strategy
- ✓ Build Development Strategy
- ✓ Rationalize Scenarios
- Land use and Transportation MOEs
- Documentation/Protocol Report

#### **MPO Congestion Management Process CMP**

- ✓ CMP Procedure Plan approval – completed
- ✓ FHWA Approval of CMP procedure plan – August 2011
- ✓ CMP data requirement collection plan – Fall of 2011
- ✓ CMP Data collection and monitoring – ongoing
- ✓ CMP implementation – ongoing
- State- of Systems Report – December 2012
- Evaluation of effective of CMP projects and funded projects - ongoing

#### **MPO Safety and Security Plan**

- ✓ Action Plan and schedule to be completed in September 2011

#### **Update of the MPO Public Involvement consistent with Federal Certification Review**

- ✓ Action Plan and schedule completed in September 2011

#### **MPO Title VI/Environmental Justice (EJ)/Limited English Proficiency (LEP) Plan**

- ✓ Action Plan and schedule completed in September 2011

#### **MPO Climate Change (Sustainability Adaptation) Plan/ Update of Greenhouse Emissions Plan**

- ✓ Action Plan and schedule completed in September 2011

#### **MPO Freight Plan and Integration**

- ✓ Action Plan and schedule completed in September 2011

<b>Contract Number:</b> C201994	<b>Route:</b> NC-147
<b>Physical Division:</b> 5	<b>County:</b> Durham
<b>Administrative Division:</b> 15	<b>TIP Number:</b> U-4763B
<b>Length:</b> 4.2 miles	<b>Federal Aid Number:</b> TIFIA-540(2)
<b>Resident Engineer:</b> D. Brian Harrington, PE	<b>RE Phone Number:</b> (919)836-4873
<b>Location Description:</b> TRIANGLE PARKWAY FROM NC-540 IN WAKE CO TO I-40 IN DURHAM CO	
<b>Type of Work:</b> GRADING, DRAINAGE, PAVING, SIGNALS, TOLL FACILITIES & STRS.	
<b>Contractor Name:</b> S. T. WOOTEN CORPORATION	
<b>Contract Amount:</b> \$137,446,000.00	<b>Cost Overrun/Underrun:</b>
<b>Availability Date:</b> 9/19/2008	<b>Letting Date:</b> 8/5/2008
<b>Completion Date:</b> 7/1/2011	<b>Work Began:</b> 8/3/2009
<b>Revised Completion Date:</b>	<b>Estimated Completion:</b>
<b>Last Estimate Thru:</b>	<b>Scheduled Progress:</b>
<b>Last Estimate Paid:</b>	<b>Actual Progress:</b>

<b>Contract Number:</b> C202340	<b>Route:</b> SR-1321
<b>Physical Division:</b> 5	<b>County:</b> Durham
<b>Administrative Division:</b> 5	<b>TIP Number:</b> U-3804
<b>Length:</b> 1.07 miles	<b>Federal Aid Number:</b> STM-0505(50)
<b>Resident Engineer:</b> Mark W. Luther, PE	<b>RE Phone Number:</b> (919)220-4680
<b>Location Description:</b> SR-1321 (HILLANDALE RD) FROM I-85 TO NORTH OF SR-1407 (CARVER AVE).	
<b>Type of Work:</b> GRADING, DRAINAGE, PAVING, AND SIGNAL.	
<b>Contractor Name:</b> REA CONTRACTING A DIVISION OF THE LANE CONSTRUCTION CORPORAT	
<b>Contract Amount:</b> \$4,222,625.78	<b>Cost Overrun/Underrun:</b> 26.08%
<b>Availability Date:</b> 8/30/2010	<b>Letting Date:</b> 7/20/2010
<b>Completion Date:</b> 6/15/2012	<b>Work Began:</b> 9/30/2010
<b>Revised Completion Date:</b> 7/1/2012	<b>Estimated Completion:</b> 12/7/2012
<b>Last Estimate Thru:</b> 10/7/2012	<b>Scheduled Progress:</b> 100%
<b>Last Estimate Paid:</b> 10/15/2012	<b>Actual Progress:</b> 87.84%

<b>Contract Number:</b> C202436	<b>Route:</b> SR-1322, US-70
<b>Physical Division:</b> 5	<b>County:</b> Durham
<b>Administrative Division:</b> 5	<b>TIP Number:</b> B-3638, R-5164F
<b>Length:</b> 1.233 miles	<b>Federal Aid Number:</b> BRSTP-70B(2)
<b>Resident Engineer:</b> Mark W. Luther, PE	<b>RE Phone Number:</b> (919)220-4680
<b>Location Description:</b> BRIDGE OVER CAMPUS DR AND APPROACHES ON US-70 BUS AND US-70 BUS (MAIN ST) FROM NINTH ST TO BUCHANAN ST.	
<b>Type of Work:</b> GRADING, DRAINAGE, PAVING, SIGNALS AND STRUCTURE.	
<b>Contractor Name:</b> DEVERE CONSTRUCTION COMPANY, INC	
<b>Contract Amount:</b> \$1,969,734.20	<b>Cost Overrun/Underrun:</b>
<b>Availability Date:</b> 7/30/2012	<b>Letting Date:</b> 6/19/2012
<b>Completion Date:</b> 3/18/2014	<b>Work Began:</b> 9/17/2012
<b>Revised Completion Date:</b>	<b>Estimated Completion:</b>
<b>Last Estimate Thru:</b>	<b>Scheduled Progress:</b>
<b>Last Estimate Paid:</b>	<b>Actual Progress:</b>

<b>Contract Number:</b> C202507	<b>Route:</b> I-540
<b>Physical Division:</b> 5	<b>County:</b> Durham
<b>Administrative Division:</b> 15	<b>TIP Number:</b> R-2635, U-4763B
<b>Length:</b> 18.8 miles	<b>Federal Aid Number:</b> TIFIA-540(2)
<b>Resident Engineer:</b> Jason R. Peterson, PE	<b>RE Phone Number:</b> (919)571-3000
<b>Location Description:</b> NC-540 FROM NC-55 NEAR APEX TO NC-54 NEAR RTP AND NC-147 FROM I-40 TO NC-540.	
<b>Type of Work:</b> DESIGN-BUILD LANDSCAPING.	
<b>Contractor Name:</b> SOUTHERN GARDEN, INC.	
<b>Contract Amount:</b> \$4,800,000.00	<b>Cost Overrun/Underrun:</b>
<b>Availability Date:</b> 8/15/2011	<b>Letting Date:</b> 4/21/2011
<b>Completion Date:</b> 7/1/2015	<b>Work Began:</b> 8/15/2011
<b>Revised Completion Date:</b>	<b>Estimated Completion:</b>
<b>Last Estimate Thru:</b>	<b>Scheduled Progress:</b>
<b>Last Estimate Paid:</b>	<b>Actual Progress:</b>

<b>Contract Number:</b> C202875	<b>Route:</b> I-540
<b>Physical Division:</b> 5	<b>County:</b> Durham
<b>Administrative Division:</b> 5	<b>TIP Number:</b> I-5307, I-5310
<b>Length:</b> 17.133 miles	<b>Federal Aid Number:</b> IM-0540(23)
<b>Resident Engineer:</b> Cadmus Capehart, PE	<b>RE Phone Number:</b> (919)840-0914
<b>Location Description:</b> I-540 FROM I-40 OVERPASS TO TRIANGLE TOWN BLVD, AND TRIANGLE TOWN	



<b>Length:</b> 0 miles	<b>Federal Aid Number:</b>
<b>Resident Engineer:</b> Mark W. Luther, PE	<b>RE Phone Number:</b> (919)220-4680
<b>Location Description:</b> BRIDGE 151 ON SR 1614 (STATE FOREST ROAD0 OVER FLAT RIVER)	
<b>Type of Work:</b> BRIDGE REPLACEMENT	
<b>Contractor Name:</b> KEYSTONE CONTRACTING CO., INC	
<b>Contract Amount:</b> \$417,800.00	<b>Cost Overrun/Underrun:</b>
<b>Availability Date:</b>	<b>Letting Date:</b> 9/12/2012
<b>Completion Date:</b>	<b>Work Began:</b>
<b>Revised Completion Date:</b>	<b>Estimated Completion:</b>
<b>Last Estimate Thru:</b>	<b>Scheduled Progress:</b>
<b>Last Estimate Paid:</b>	<b>Actual Progress:</b>

  

<b>Contract Number:</b> DO00069	<b>Route:</b> NC-147
<b>Physical Division:</b> 5	<b>County:</b> Durham
<b>Administrative Division:</b> 5	<b>TIP Number:</b> BK-5102G
<b>Length:</b> 0 miles	<b>Federal Aid Number:</b> BRNHS-0147(4)
<b>Resident Engineer:</b> Cadmus Capehart, PE	<b>RE Phone Number:</b> (919)840-0914
<b>Location Description:</b> BRIDGES #12, 71, 137, 154, 156, AND 169 ON NC-147.	
<b>Type of Work:</b> BRIDGE PAINTING.	
<b>Contractor Name:</b> S & D INDUSTRIAL PAINTING, INC.	
<b>Contract Amount:</b> \$922,562.15	<b>Cost Overrun/Underrun:</b> -0.55%
<b>Availability Date:</b> 7/11/2011	<b>Letting Date:</b> 8/19/2010
<b>Completion Date:</b> 11/7/2011	<b>Work Began:</b> 7/16/2012
<b>Revised Completion Date:</b> 8/28/2012	<b>Estimated Completion:</b> 9/15/2012
<b>Last Estimate Thru:</b> 8/31/2012	<b>Scheduled Progress:</b> 85%
<b>Last Estimate Paid:</b> 9/7/2012	<b>Actual Progress:</b> 93.34%

**ACTIVE NCDOT PROJECTS LOCATED IN DCHC MPO- ARRA**

TCC 11/28/2012 Attachment 11

County	TIP/WBS #	Description	Let Date	Completion Date	Status	Cost	Comments
rev 11/06/12							
Orange	U-3306 34913.3.ST1 STM-1733 (16)	Grading, drainage, paving, signals, curb and gutter, and retaining wall on SR 1733 (Weaver Dairy Rd.) from NC 86 to Old Sterling Road	7/20/2010	6/15/2013	74%	\$13.4 million	ARRA
Orange	U-4704	Computerized Traffic Signal System for Chapel Hill-Carrboro	9/15/2009	10/26/2012	100% complete waiting on final	\$5.175 million	ARRA
<b>NCDOT PROJECTS CURRENTLY IN 12 MONTH LETTING LIST</b>							
County	TIP #	Description	Let Date	Completion Date	Status	Cost	Comments

**ACTIVE NCDOT PROJECTS LOCATED IN DCHC MPO-NON ARRA**

TCC 11/28/2012 Attachment 11

County	TIP/WBS #	Description	Let Date	Completion Date	Status	Cost	Comments
	43687	Town of Carrboro - Radius improvements, high visibility crosswalks and pedestrian refuge island at the intersection of SR 1009 (Hillsborough Road), James Street (non system) & Quail Roost Drive (non system) in Carrboro.			Approved by N.C.B.O.T. @ Novemeber Meeting	\$40,000.00	Small Contruction Funds
Orange	48096	Town of Chapel Hill to replace existing grates to standard 830.03 D Type E Catch Basin Bicycle Safe Grate on NC 86 (MLK Blvd) fron Sr 1010 (Franklin Street) to SR 1777 (Homestead Road)	NCDOT Forces	End of year	Work to start the week of October 8th	\$20,000.00	Small Contruction Funds
Orange	43640.1.1	SS-4907AP - Orange - NC 86 (Martin Luther King Jr., Blvd.) and SR 1750 (Estes Drive) in Chapel Hill. Improve sight distance by cutting back the bank in the northeast quadrant of the intersection. Cyclists cannot see the cars at the stop bar and the motorists cannot see the cyclists.			Preliminary Planning	\$1,000.00	Spot Safety
ALAMANCE/ ORANGE	17BP.7.P.2	Bridge Deck Preservation - BRIDGES 38, 41, 51, 52, 121, AND 293 IN ALAMANCE COUNTY; BRIDGE #6 on US 70 Bus.,#59 on NC 86, and #81, & #82 on I-85 in ORANGE COUNTY	5/15/2012	6/30/2013	18%	\$2.8 million	Bridge Preservation
Orange	EL-4828 / 40245.1.1 & 40245.3.1	Design & construction of multi-use pedestrian /bicycle path along Morgan Creek from Smith Level Road to the Weatherhill Pointe neighborhood & construct a multi-use pedestrian /bicycle path along Morgan Creek from Smith Level road west to the Berryhill Neighborhood .			Design	\$149,880 / \$655,000	30% complete
Orange	ER-2971 G 3607.3.09	Widen roadway, install curb and gutter and construct sidewalk along SR 1750 (Estes Drive) between Burlage Circle and SR 1010 (Franklin Street)		10/3/2012	A request for extension of MA was sent on September 14, 2012 to NCDOT.	\$200,000.00	Small Construction/ STP-Division Enhancement

**ACTIVE NCDOT PROJECTS LOCATED IN DCHC MPO-NON ARRA**

TCC 11/28/2012 Attachment 11

Orange	ER-2971 G 3607.3.13	Construct sidewalks on SR 1900 (Mason Farm Road) from US 15/501 (Fordham Blvd.) to Highland Woods Road			Municipal Agreement is being signed by the Town and will be mailed next week to NCDOT. Work will be completed within 3 months after NCDOT execute the MA.	\$30,000.00	Division Enhancement
Orange	SR-5000 S 40922.1.18 PE	Education, encouragement, evaluation, and neighborhood outreach for Carrboro Elementary School	N/A	N/A	Municipal Agreement with Town; program underway	\$12,865	Safe Routes to Schools
Orange	SR-5001 AE	Construct 870 linear feet of 5' sidewalk on Elm Street from existing sidewalk near Weaver Street to Shelton Street in Carrboro	2/21/2012	Complete, doing final paper work	Const. =99% compl.;	\$300,000.00	SRTS
Orange	SR-5001 AR	Construct 320' of 5' sidewalk on Culbreth Road between Cobbleridge Rd. in Chapel Hill and Rossburn Rd. in Carrboro	4/12/2012	Fall 2012	Started Sept. 13th	\$55,000 SRTS/\$108,000 STPDA	SRTS/STP-DA
Orange	SS-4907 U 42205.2 42205.1 42171	Improve sight distance on SR 1710 by lowering the crest vertical curve on the westbound approach to the intersection of SR 1710 (Old NC 10) @ SR 1713 (Mt. Herman Church Road)	N/A	Fall 2012	Construction done, waiting on thermo to be placed	\$320,000	Spot Safety-State
Orange	SS -4907 V 42423.3 42423.1	Realign intersection of SR 1005 (Old Greensboro Rd.) @ SR 1951 (White Cross Rd.)	Let 12/20/12		R/W issues	\$198,000	Spot Safety-State
Orange	U-4726 DC	Wilson Park Multi-Use Path	6/7/2012	Nov. 26, 2012	40% cpmplete	\$39,262.65 PE \$129,431.35 C	STPDA

**ACTIVE NCDOT PROJECTS LOCATED IN DCHC MPO-NON ARRA**

Orange	U-4726 DD	Construct sidewalk on Rogers Road from Homestead Road to Meadowrun Ct.	5/1/2013	4/30/2014	Municipal Agreement with Town of Carrboro; Design underway-need to coordinate with District for developer project at Purefoy Rd.	\$67,025 PE \$469,175 C	STPDA
Orange	U-4726 DE	Construct Bolin Creek Multi-use Path from Homestead Road to Chapel Hill High School	1/1/2013		Municipal Agreement with Town of Carrboro for construction (replaces EL-4994) Design underway	\$59,000 PE	STPDA
Orange	U-4726 DF	Bicycle detection at Signalized Intersections	10/18/2012	FFY 2013	Municipal Agreement with Town of Carrboro	\$36,000	STP-DA
Orange	U-4726 IF	Design and install stairs from the sidewalk on the north side of Franklin St. to the Bolin Creek Trail	N/A	N/A	Supplemental agreement to remove construction; Town to pay for construction	\$20,000 PE	STPDA
Orange	U-4726 IG	Construct 10' wide greenway from existing Fan Branch Trail near Culbreth Rd. and US 15/501 to Phase I	7/24/2012		Started this fall	\$1,310,000	STPDA
Orange	W-5207 E 45337.1.5 PE	Installation of a roundabout on SR 1734 (Erwin Rd.) and SR 1791 (Mt. Moriah Rd.) near Chapel Hill	Revised to 8/2012	12/31/2012- to be revised	Consultant design-R/W staking complete for acquisition	\$450,000	High Hazard Safety
<b>NCDOT PROJECTS CURRENTLY IN 12 MONTH LETTING LIST</b>							
<b>County</b>	<b>TIP #</b>	<b>Location Description</b>	<b>Est. Let Date</b>	<b>Completion Date</b>	<b>Status</b>	<b>Cost</b>	<b>Comments</b>

**ACTIVE NCDOT PROJECTS LOCATED IN DCHC MPO-NON ARRA**

TCC 11/28/2012 Attachment 11

Durham/ Orange	EB-4707	Bicycle improvements(Bikeway and signals) on Durham/ Chapel Hill (SR 1838/SR 2220)from SR 1116 (Garrett Road) in Durham County to US 15-501 in Orange County				\$4.9 million	Delayed R/W to FY 13 and Construction to FY 14 to allow City to secure increased funding
Orange	U-0624	Corridor upgrade on NC 86 (S. Columbia St.)including Bicycle lanes from SR 1906 (Purefoy Rd.) to SR 1902 (Manning Dr.)	10/16/2012			\$4.2 million	STP
Orange	U-2803	Widening of SR 1919 (Smith Level Road) from Rock Haven Road to Bridge# 88 over Morgan Creek	12/18/2012			\$3,7 million	
Orange	W-5318	GRADE, DRAIN, AND PAVE NC 86 FROM NC 57 TO CASWELL COUNTY LINE GEOMETRIC IMPROVEMENT, PAVED SHOULDERS AND RUMBLE STRIPS; Resurfacing	1/15/2013	Fall 2013	In Design	\$4.75 million	Remove centerline rumble strpes per JMM