

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

**September 23, 2009
9:00 a.m.**

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

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

ACTION ITEMS

- 4. Approval of August 26, 2009 TCC Meeting Minutes
(Attachment 4)**

A copy of the August 26, 2009 minutes is enclosed as Attachment 4.

TCC Action: Approve minutes of the August 26, 2009 TCC meeting.

- 5. 2012-2018 Transportation Improvement Program – Regional Priority List
(Attachment 5, 5A, 5B)
Ellen Beckmann, LPA Staff**

The DCHC MPO approved its FY 2011-2017 Transportation Improvement Program (TIP) Regional Priority List on February 11, 2009. This list consisted of three separate top priority lists by county/division. NCDOT recently announced a revised process for submitting MPO and RPO regional priority lists and has held workshops on the new process. The next TIP is now going to be for fiscal years 2012 through 2018. The MPO will need to submit one MPO-wide list of its top 25 highway projects by October 30, 2009. NCDOT will use a quantitative ranking methodology to prioritize these projects. The MPO will also submit non-highway projects, but NCDOT has not yet developed a ranking methodology for these other modes. NCDOT will use the priority lists to develop the draft STIP which is scheduled to be released in September 2010.

Attachment 5 is a memo on the 2012-2018 TIP Regional Priority List with some issues that the TAC requested that the TCC address. Attachment 5A displays the TCC recommendation for the MPO's Regional Priority List with recommended edits by LPA Staff. Attachment 5B is a presentation to the NC Board of Transportation on the proposed urban loop pilot prioritization process.

TCC Action: Recommend that the TAC approve Attachment 5A as the DCHC MPO's FY 2012-2018 Regional Priority List.

**6. U-4716 (Hopson Road Widening, Grade Separation and Church Street Extension)
2035 Long Range Transportation Plan – Amendment #1
2009-2015 Metropolitan Transportation Improvement Program – Amendment #10
 (Attachment 6, 6A, 6B)
 Andy Henry, LPA Staff**

At their August meeting, the TCC reviewed this item and recommended that the TAC release the 2035 LRTP amendment for public review. The TAC has referred the item back to the TCC because the interagency consultation group has determined that a TIP amendment is required.

The Hopson Road project (U-4716) requires an amendment to the 2035 Long Range Transportation Plan (2035 LRTP), the 2009-2015 Transportation Improvement Program (TIP) and the corresponding Air Quality Analysis and Determination Reports (AQ Report) for those two documents. This project is not in the 2035 LRTP and is listed as an unfunded future year project in the FY 2009-2015 TIP. The Rail Division of the North Carolina Department of Transportation (NCDOT) has made an application for American Recovery and Reinvestment Act (ARRA -- stimulus funding) funding that is administered by the Federal Railroad Administration (FRA) to fund the road widening.

The Hopson Road project includes:

- widening and realigning Hopson Road from NC 54 to Davis Drive;
- realigning the rail tracks;
- extending and realigning Church Street; and,
- closing the rail crossing between Church Street and NC 54.

The DCHC MPO's Public Involvement Policy (October 11, 2006) requires that "an appropriate subset of the public involvement elements [for an LRTP update] will be implemented for major and minor revisions." The Lead Planning Agency (LPA) staff considers the addition of U-4716 to the 2035 LRTP to be a minor revision because it is a single project and the project will not be designated as "regionally significant." The LPA recommends the following amendment schedule:

Action	Completion
1. TCC recommends amendment to TAC	09/23/09
2. TAC releases 2035 LRTP, FY 2009-2015 TIP, and Air Quality Conformity amendments for 42-day public comment period	10/14/09
3. LPA advertises amendment on MPO Web site and local government media communications	10/21/09
4. TAC holds public hearing	11/11/09
5. Public comment period ends	12/02/09
6. TAC approves 2035 LRTP Amendment	12/09/09

Attachment 6 is a copy of the public review map for the Hopson Road project. Attachment 6A shows the proposed amendment to the 2035 LRTP. Attachment 6B is an excerpt from the FY 2009-2015 State Transportation Improvement Program (STIP) showing the current project listing, U-4716. The amended listing is not yet available. The NCDOT will provide the language and cost values for amending this TIP project the week of the September TCC meeting, and the amended listing will be used for release to the public.

The interagency consultation group has determined that the Hopson Road project is not regionally significant, and therefore a new air quality emissions analysis will not be required. The amendment to the Air Quality Conformity Determination Report will be similar in structure and content to previous Air Quality Conformity amendments that have been adopted for the TIP.

TCC Action: Recommend that the TAC release Amendment #1 to the 2035 Long Range Transportation Plan and Amendment #10 to the FY 2009-2015 MTIP for a 42-day public comment period.

7. Metropolitan Area Boundary Expansion

(Attachment 7, 7A)

Ellen Beckmann, LPA Staff

In 2006-2007, LPA staff began to investigate options for expansion of the DCHC MPO's Metropolitan Area Boundary (MAB). The TCC reviewed information on expansion at several meetings. Ultimately, LPA staff decided not to pursue expansion at the time due to the development of the 2035 Long Range Transportation Plan. Since the 2035 LRTP was adopted, LPA staff has begun to reexamine the opportunities for expansion. Attachment 7 is a memo on MAB expansion. Attachment 7A is a map showing potential expansion areas. The TAC reviewed this information in September and asked that the TCC address several questions listed in Attachment 7.

TCC Action: Respond to the TAC's requests and make a recommendation as needed.

8. Surface Transportation Program Direct Attributable (STPDA) Funding for FY 2010

2009-2015 Metropolitan Transportation Improvement Program – Amendment #9

Transfer of FY 2010 CMAQ and STPDA Funds to FTA

(Attachment 8)

Maricia Brown, LPA Staff

The DCHC MPO has approved CMAQ and STPDA funding for several transit projects in FY 2010. The Town of Chapel Hill has requested a minor change in the STPDA funding for the \$2,242,332 of STPDA funds previously approved for their project in FY 2010. The table displaying this change will be handed out at the TCC meeting. A MTIP amendment will also need to be completed reflecting this change. This amendment will be handed out at the TCC meeting. CMAQ and STPDA funds must be transferred from the Federal Highway Administration to the Federal Transit Administration to be used for transit. Attachment 8 is a resolution to NCDOT requesting that the FY 2010 CMAQ and STPDA funds for transit projects be transferred to FTA.

TCC Action: Recommend that the TAC approve the resolution adopting Amendment #10 to the FY 2009-2015 MTIP (attachment to be handed out at the TCC meeting). Recommend that the TAC adopt the resolution requesting that NCDOT transfer the FY 2010 STPDA and CMAQ funds from FHWA to FTA (Attachment 8).

9. Comprehensive Transportation Plan - Update

No Attachments

Andy Henry, LPA Staff

The next major milestone in the Comprehensive Transportation Plan process (CTP) is for the TAC to receive a draft CTP for review at their November meeting. The TAC should then be prepared to release the draft CTP at their December meeting for public review. Recent efforts to meet this milestone include:

- The NCDOT Statewide Planning Branch has received GIS shape files to develop the initial CTP maps from which the draft maps will be developed.
- The Orange Board of County Commissioners has approved the Orange County CTP timeline, which includes a survey and public workshop in September and October.

TCC Action: Receive update and provide comments, as needed.

10. American Recovery and Reinvestment Act of 2009 - Update
(Attachment 10, 10A)
Ellen Beckmann, LPA Staff

President Obama signed the American Recovery and Reinvestment Act (ARRA) of 2009 on February 17, 2009. The legislation provides funding for transportation projects including highways, transit, rail, airports, enhancements, etc. The funding is up to 100 percent federal with no local match requirements. Attachment 10 is a memo on the American Recovery and Reinvestment Act of 2009. The funds are provided through existing funding programs such as Surface Transportation Program (STP), Surface Transportation Program Direct Attributable (STPDA), and the Section 5307 transit program. Attachment 10A is a set of tables displaying projects that the TAC approved for the STP, STPDA, and Section 5307 ARRA funds. This table also includes the implementation milestones that will be tracked for STPDA and Section 5307 ARRA projects.

TCC Action: Receive update.

REPORTS FROM STAFF:

11. Reports from Staff
(Attachment 11)
Felix Nwoko, LPA Staff

TCC Action: Receive Report from staff

12. Report from the Chair
Mark Ahrendsen, TCC Chair

TCC Action: Receive Report from TCC Chair

13. NCDOT Report
(Attachment 13)
Wally Bowman, Division 5 – NCDOT
Mike Mills, Division 7 – NCDOT

INFORMATIONAL ITEMS

Adjourn
Next meeting: October 28, 2009

TECHNICAL COORDINATING COMMITTEE

August 26, 2009

MINUTES OF MEETING

The Technical Coordinating Committee met on August 26, 2009 at 9:00 a.m. in the Council

Committee Room on the second floor of Durham City Hall. The following attended:

*Mark Ahrendsen	City of Durham/Transportation (TCC Chair)
^Bill Barlow	NCDOT - PTD
*Ellen Beckmann	City of Durham/Transportation (Voting Alternate)
*Julie Bollinger	NCDOT - TPB
*David Bonk	Town of Chapel Hill
*Bonnie Estes	Durham City/County Planning
*Alison Fiori	Research Triangle Foundation (Voting Alternate)
^Tobin Freid	Durham City/County Sustainability Manager
*Andy Henry	City of Durham/Transportation
*Joey Hopkins	NCDOT – Division 5 Engineer (Voting Alternate)
*Tom King	Town of Hillsborough
*Karen Lincoln	Orange County
*Brian Litchfield	Town of Chapel Hill
*Ray Magyar	UNC - Transportation
*Patrick McDonough	Triangle Transit
*Patricia McGuire	Town of Carrboro (Voting Alternate)
*Ryan Mickles	Town of Chapel Hill (Voting Alternate)
*Pierre Osei-Owusu	City of Durham/DATA (Voting Alternate)
*Ed Venable	City of Durham - Engineering
*Patrick Wilson	NCDOT – Division 7 Engineer (Voting Alternate)
Cha'ssem Anderson	City of Durham/DATA
Maricia Brown	City of Durham/Transportation
Dale McKeel	City of Durham/Transportation
Brian Rhodes	City of Durham/Transportation
Jill Stark	FHWA
Dawn Qiu	City of Durham/Transportation
Scott Walston	NCDOT – TPB

*Voting Member

^Temporary Non-Voting Member

Quorum Count: 18 of 18 Voting Members Present

According to the TCC Bylaws, when a member misses two meetings in a row he/she is not considered a voting member on the second consecutive missed meeting. Voting privileges are reinstated on the second consecutive meeting that he/she attends.

Mark Ahrendsen, TCC Chair called the meeting to order at 9:03 a.m.

44 **PRELIMINARIES:**

45 **Adjustments to Agenda**

46 Mark Ahrendsen stated a handout was distributed at the beginning of the meeting which will be
47 addressed during Agenda Item #7.

48 **Public Comments**

49 There were no public comments.

50 **ACTION ITEMS:**

51 **Approval of the July 22, 2009 TCC Meeting Minutes (Attachment 4)**

52 A motion was made by Pierre Osei-Owusu and seconded by David Bonk to approve the July 22,
53 2009 TCC Meeting Minutes. The motion carried unanimously.

54 **TCC Bylaws (Attachments 5, 5A, and 5B)**

55 Ellen Beckmann provided an introduction and review of the TCC Bylaws, along with the
56 attachments.

57 There are four (4) issues that are addressed by the proposed revisions: (1) clarifying when
58 members lose voting privileges and when they gain them back; (2) changing in the name of one of our
59 members from Carolina Trailways to Greyhound; (3) changing the language from "mailed" to
60 "distributed" since we now post the agenda online or email it; and (4) clarifying the ability to
61 teleconference or call-in and vote at meetings. For teleconferencing, the TCC needs to consider the
62 technical feasibility and the legal aspect. In terms of feasibility, this room doesn't have any
63 teleconferencing features built-in it. There is the possibility of listening to a live audio feed, but Ellen
64 Beckmann would have to investigate further what needs to be done to accomplish this task. Ellen
65 Beckmann believes it would be difficult to make sure everyone participating by teleconference and in
66 person have the same information in front of them since we often have handouts and presentations at
67 meetings. In regards to the legal aspect, Ellen Beckmann spoke with Fred Lamar in the City Attorney's

Office about this and his opinion is that voting by teleconference is not something that is encouraged under the North Carolina General Statutes. It may be possible but needs to be researched further in his opinion.

In order to make changes, 2/3 of the eligible voting members have to agree. We have 18 voting eligible members at today's meeting requiring 12 votes to approve the changes to the Bylaws.

Scott Walston expressed the concerns he has about the line that says attendance must be in person at the location of the meeting. Mr. Walston is concerned that we might lose flexibility in the event of a natural disaster or health issues. We could relocate the meeting to a better location with teleconferencing. Patrick McDonough agrees with Scott Walston as Triangle Transit already does teleconferencing.

Mark Ahrendsen stated the issue of Carolina Trailways name change to Greyhound and the issue of mailing the material was agreed upon. There are only two issues that need to be discussed now and voted on which is the voting privileges and teleconferencing.

David Bonk stated he agrees with Scott Walston in regards to what could be necessary under extraordinary circumstances and recommends that we shouldn't be tied to a specific type of procedure that we can't adapt under extraordinary circumstances. Perhaps there is a way to include something in the Bylaws that state that the rules could be suspended under extraordinary circumstances by the TCC Chair. David Bonk is less agreeable to teleconferencing to City Hall because from personal experience it doesn't work well.

Jill Stark stated that having language in the Bylaws to address the extreme issues holds you accountable. Without the language, you have options. She suggested remaining silent on the issue.

Bill Barlow stated the language could simply say "future telecommunication capabilities." That way if it is needed for an emergency, you already have it in the Bylaws, and if you don't need it, you aren't bound to using it.

92 Ellen Beckmann feels like we either need to require that members be present or be silent on the
93 issue in the Bylaws because if we say that you can have it there are legal issues that also need to be
94 researched and addressed.

95 Joey Hopkins stated he thinks if someone misses three consecutive meetings then you should
96 not lose voting privileges on the first meeting back. Scott Walston agrees with Joey Hopkins.

97 Pierre Osei-Owusu stated he thinks after missing three meetings you lose the context of the
98 subject.

99 Ellen Beckmann stated that right now there are six people who have never attended a meeting
100 this year, and the concern is that if they come to a meeting, would they really be prepared to vote on
101 the issue. Joey Hopkins stated that perhaps we should question if those people should even be on the
102 roll at all. Ellen Beckmann stated that since they are listed in the MPO's MOU, the TCC cannot rescind
103 their membership.

104 David Bonk stated we could declare the seat vacant at a certain point and perhaps the agency
105 could reappoint someone. The organization would still have a seat; it would just be declared vacant by
106 us. LPA staff could send the organization a notice when the member misses meetings. Andy Henry
107 stated he thinks it will create more work for the LPA staff.

108 A motion was made by Andy Henry and seconded by David Bonk to recommend the approval of
109 Attachment 5 where voting privileges are restored at the second consecutive meeting that the member
110 attends but remain silent on the teleconferencing issue under Section 4 striking the language
111 "Attendance must be in person at the location of the meeting." The motion carried with a 15/3 vote.

112 Pierre Osei-Owusu asked if we are going to notify the organization that they are not eligible to
113 vote and Ellen Beckmann stated she will attach the attendance roster with each TCC packet indicating
114 the voting status of each member. David Bonk suggested sending a letter or email to notify the
115 organization they are not eligible to vote.

2012-2018 Transportation Improvement Program – Regional Priority List (Attachment 6, 6A, and 6B)

Ellen Beckmann provided an introduction and update for the 2012-2018 Transportation Improvement Program – Regional Priority List, along with the attachments.

Bill Barlow stated the TIP will be done the same way as usual for transit but PTD will rank the transit projects across the state. The intent is to prioritize which of the categories (health, safety, or mobility) the State wants to emphasize. Mr. Barlow stated PTD doesn't have a lot of control over cutting the projects because transit agencies are direct recipients. We can only look at the State portion of the funding and say which goals will be emphasized over this period of years. Pierre Osei-Owusu asked if there may be a situation where the State may withhold state funds and Bill Barlow stated not at this time.

A motion was made by David Bonk and seconded by Pierre Osei-Owusu to recommend that the TAC approve the FY 2012-2018 TIP Regional Priority List as listed in Attachment 6. The motion carried unanimously. Bill Barlow stated there needs to be a distinction between capital and operating in the list.

American Recovery and Reinvestment Act of 2009 (Attachment 7, 7A, 7B, and 7C)

Ellen Beckmann described MTIP Amendment #8. A motion was made by Karen Lincoln and seconded by David Bonk to recommend approval of Amendment #8 to the 2009-2015 TIP for the DCHC MPO Urban Area. The motion carried unanimously.

Ellen Beckmann provided an introduction for the American Recovery and Reinvestment Act of 2009, along with the attachments.

Ellen Beckmann stated there is an update to the Durham projects. Public Works - Engineering has stated that the sidewalks on Garrett Road will not be moving forward. Joey Hopkins stated that NCDOT wants to see something in writing from either the DCHC MPO or the City stating they are no longer pursuing the Garrett Road project. NCDOT received plans on the sidewalk projects late last week. There is concern that the environmental permits won't be obtained by the September 1st deadline.

140 NCDOT received the plans for the signal projects yesterday and they were delivered to Traffic
141 Engineering this morning. NCDOT still hasn't seen anything on the resurfacing and the trail projects.
142 Mr. Hopkins stated a letter was sent to the City Manager yesterday expressing concern with the
143 sidewalk projects not meeting the September 1st deadline mainly because of right-of-way issues. The
144 trail was listed because it is partially on US Army Corps property.

145 David Bonk asked what happens to the funds that were allotted for the Garrett Road project.
146 Mark Ahrendsen said there are a couple of options: (1) is to try to maintain the ability to allocate to
147 other projects that go over budget; and (2) is to use the contingency list. It will probably be used on the
148 resurfacing lists but we will have to discuss it with NCDOT. Joey Hopkins stated he wants to talk to Mark
149 and Ellen after the meeting regarding the funds.

150 Ed Venable stated all the projects for the trails were submitted yesterday. We think we have
151 designed a way around the environmental permit issues on the sidewalks.

152 Ellen Beckmann stated that nothing was pulled in Orange County. Ellen Beckmann stated that
153 Bill Barlow needs to meet with Chapel Hill Transit and Orange County after today's meeting regarding
154 flexing funds for the Orange Public Transit project.

155 Jill Stark stated that small municipalities are having difficulty with funding onsite engineers in
156 CAMPO. Mark Ahrendsen stated that is not a concern with our MPO.

157 Pierre Osei-Owusu stated that DATA is already submitting reporting to TEAM and the Oberstar
158 Committee reporting.

159 Maricia Brown stated that each jurisdiction will be reporting individually to NCDOT. The MPO
160 will monitor local reporting. Ms. Brown stated that she will be reporting the Durham projects, but will
161 still have to monitor the MPO's timeliness and compliance with all of our agencies within the MPO of
162 your reporting as well.

David Bonk asked why Maricia Brown is submitting the reporting for Durham. David Bonk has an issue of who is working for whom. David Bonk is concerned as her salary is MPO funded. Ms. Brown stated that in conversation with Felix Nwoko there was a concern that NCDOT would not receive one City-wide report. David Bonk stated staff doesn't see the end of the year reconciliation of what time is MPO. This is a budget issue as well.

Joey Hopkins stated there are webinars on the reporting requirements which are provided by Jimmy Travis with NCDOT.

Ed Venable asked what needs to be done by January 1. Joey Hopkins stated the project must be awarded by January 1 and must be approved by NCDOT. There is a three week minimum advertisement.

Ellen Beckmann mentioned the discretionary grant programs: TIGGER, High Speed Rail, and TIGER funds. The NCDOT has applied for the I-85 upgrade and the City of Durham is preparing an application for \$80 million for the Durham Streetscape project.

Jill Stark stated the TIGER projects need to show regional and/or statewide significance.

Joey Hopkins stated again that NCDOT will support the I-85 project only, but does not discourage others from applying for funds. David Bonk stated it was unfortunate that staff didn't put anything together as a regional body to pursue some portion of our regional transit project. Joey Hopkins stated that a citizen committee is submitting an application for the widening of US-401 in Franklin County. Jill Stark stated that Fayetteville is submitting an application for their outer loop and Wilmington is submitting an application for their trailways.

David Bonk stated staff hasn't seen the Durham application and Maricia Brown stated it is not complete yet. David Bonk stated staff needs to provide information to the TAC regarding the application. David Bonk asked why endorse the I-85 bridge at all.

A motion was made by David Bonk and seconded by Ed Venable to recommend that TAC endorse the \$80 million for the Durham project by a separate resolution. A substitute motion was made by Andy Henry and seconded by Patrick McDonough to recommend TAC endorse the ARRA TIGER applications as in Attachment 7C. The motion carried with a 13/5 vote.

2035 Long Range Transportation Plan – Amendment #1 (Attachment 8, 8A, and 8B)

Andy Henry provided an introduction for the 2035 Long Range Transportation Plan – Amendment #1, along with the attachments.

Ellen Beckmann asked if the widening is in the high speed rail application. Jill Stark stated FHWA could not sign the environmental analysis because it is not in the LRTP. Jill Stark needs the newspaper notice for public review and the resolution. Include a note stating the project is funded by the ARRA and it doesn't affect the financial balance for the plan.

Andy Henry stated the amendment is minor because it is not regionally significant. The air quality doesn't have to be redone.

Ellen Beckmann asked what is the timeframe for the ARRA high speed rail grants, and Jill Stark stated they don't know the deadline right now.

A motion was made by Karen Lincoln and seconded by Joey Hopkins to recommend the TAC release Amendment 1 to the 2035 Long Range Transportation Plan for a 42-day public comment period. The motion carried unanimously.

Mark Ahrendsen stated we may also need to widen from Davis Drive to the Triangle Expressway.

Metropolitan Area Boundary Expansion (Attachments 9 and 9A)

Ellen Beckmann provided an introduction and update on the Metropolitan Area Boundary Expansion, along with the attachments.

This issue has been on hold for a while, but we need to make a decision if we want to expand the MPO boundary because it is due early next year.

210 Jill Stark stated that FHWA only funds for the census-designated urbanized area boundary.

211 David Bonk stated it is late to be dealing with this issue. He suggested that we wait until the
212 2010 census. If we are going to make adjustments, we must make the adjustments based on the census
213 immediately. Otherwise, we will have resistance. David's only concern is that we may lose area #1.
214 Karen Lincoln stated Orange County may accept area #1 due to the land use; they would want
215 commuting pattern information. Mark Ahrendsen is not sure of the census will change a lot. David
216 Bonk stated we should put the RPOs on notice about the expansion areas.

217 Scott Walston stated the RPO funding would not change until the census. Part of Butner is part
218 of CAMPO.

219 Jill Stark stated they don't know how TMAs or MPOs may change. It may be better to wait until
220 2012 for the census.

221 Andy Henry has concern over the participation from staff from some of these outlying areas.

222 Joey Hopkins stated that Louisburg has asked to join CAMPO. They are going to let them
223 participate as a non-voting member.

224 David Bonk asked if the RPO funding would be impacted if we expand after the 2010 census.

225 Andy Henry stated it would be good to have area 1 and 4 in the MPO.

226 A motion was made by David Bonk and seconded by Pierre Osei-Owusu to recommend that the
227 TAC consider expanding the boundary to include area 1 and a portion of area 4 before the 2040 Long
228 Range Transportation Plan and defer the rest until the 2010 census.

229 Ellen Beckmann asked if any more information such as commuting patterns is needed. This data
230 is old because the last census is from 2000. Perhaps we could do some modeling.

231 Mark Ahrendsen stated perhaps we should revisit how area 4 is drawn if we don't include area
232 2. The motion carried unanimously.

233 **Comprehensive Transportation Plan – Update (No attachments)**

Andy Henry provided an update on the Comprehensive Transportation Plan. We hope to have a draft of the CTP by the end of September. Scott Walston introduced Julie Bollinger with NCDOT-TPB.

REPORTS FROM STAFF:

Reports from Staff (Attachment 11)

The Reports from Staff is attached for review.

Report from the Chair

Mark Ahrendsen stated the ground-breaking ceremony was held for the Triangle Expressway so the project has begun and is expected to be complete in 2012. Staff is continuing to work with NCDOT on the environmental document for the Alston Avenue widening and the East End Connector projects in Durham. There was transit legislation approved, House Bill 148, which provides ½ cent sales tax increase in Wake, Durham, Orange, Guilford, and Forsyth counties and ¼ cent sales tax increase in the remaining ninety-four counties. It also authorizes all counties to increase the motor vehicle fee by \$7 and for the regional transit authority to increase their fee from \$5 to \$7 now and \$8 on July 1st of 2010. Staff are working on the requirements associated with developing plans on how the funds will be used. NCRRT is doing commuter rail study on ridership and hope to have the results soon.

NCDOT Report (Attachment 13)

Joey Hopkins, NCDOT Division 5 Engineer, provided an update on projects. Hopefully, they will start working on the Triangle Expressway within the next couple of weeks. Legislation passed a bill that the North Carolina Turnpike Authority (NCTA) is now under NCDOT. However, they are two separate entities.

Patrick Wilson, NCDOT Division 7 Engineer, provided an update on projects. Mr. Wilson sat in on a conference call regarding the Safe Routes to School project for the Town of Carrboro. Trish McGuire stated it appears to be passing for approval.

257 Andy Henry stated that staff applied for an AMPO award based on the cooperation between
258 CAMPO and the DCHC MPO on STAC, Air Quality, and LRTP processes. We won the top award.

259 **Adjournment**

260 There being no further business before the Technical Coordinating Committee, the meeting was
261 adjourned at 11:16 a.m.

TCC ATTENDANCE RECORD - 2009

NAME	AGENCY	12/17	1/28	2/25	3/25	4/22	5/27	6/24	7/22	8/26	9/23	10/28	11/18
John Brantley	Airport Authority	A-	A-	A-	A-	A-	A-	A-	A-	A-			
Richard Carter	Greyhound	A-	A-	A-	A-	A-	A-	A-	A-	A-			
Roy Williford (a) Patricia McGuire	Carrboro Planning	A-	A-	A-	A-	A-	A-	P-	A-	A-			
Adena Messinger (a) Patricia McGuire	Carrboro Planning	P+	P+	P+	P+	P+	P+	A+	P+	P+			
Kumar Neppalli (a) Ryan Mickles	Chapel Hill Engineering	P+	P+	P+	P+	P+	P+	P+	P+	P+			
Brian Litchfield (a) Ryan Mickles	Chapel Hill Transit	P+	P+	P+	P+	P+	P+	P+	P+	P+			
David Bonk (a) Ryan Mickles	Chapel Hill Planning	P+	P+	P+	P+	P+	P+	P+	P+	P+			
Keith Megginson (a) Jason Sullivan (a) Ben Howell	Chatham County Planning	A-	A-	A-	P-	P+	P+	P+	P+	A+			
Ray Magyar (a) Claire Kane	UNC/Transportation	P+	A+	P+	P+	P+	A+	P+	P+	P+			
Mark Ahrendsen	City of Durham Transportation	P+	P+	P+	P+	P+	P+	P+	P+	P+			
Steve Mancuso (a) Pierre Osei-Owusu (a) Chassem Anderson	City of Durham DATA	A+	P+	P+	P+	P+	P+	P+	P+	P+			
Andy Henry (a) Ellen Beckmann (a) Dale McKeel	City of Durham Transportation	P+	P+	P+	P+	P+	P+	P+	P+	P+			
Felix Nwoko (a) Ellen Beckmann (a) Dale McKeel	City of Durham Transportation	P+	P+	P+	P+	P+	P+	P+	P+	P+			
Ed Venable (a) Vacant	City of Durham Engineering	P-	P+	P+	P+	P+	P+	P+	P+	P+			
Keith Luck (a) Aaron Cain	Durham City/County Planning	A-	A-	A-	A-	A-	A-	A-	A-	A-			
Bonnie Estes (a) Aaron Cain	Durham City/County Planning	A-	P-	A-	A-	A-	P-	P+	P+	P+			
Tobin Freid	Durham City/County	A-	P-	P+	P+	A+	A-	A-	A-	P-			
Tom King (a) Margaret Hauth	Hillsborough Planning	P+	P+	P+	P+	P+	A+	P+	P+	P+			
Starla Huggins	NCCU	A-	A-	A-	A-	A-	A-	A-	A-	A-			
TE-III Triangle Group, Durham Coordinator (Bollinger) (a) Triangle Planning Group Supervisor (Walston) (a) Eastern Planning Unit Head (Marshall)	NCDOT TPB	A+	A-	A-	A-	P-	A-	P-	P+	P+			
Division Engineer (Bowman) (a) Deputy Division Engineer (Hopkins) (a) Division Operations Engineer (Whitley) (a) Division Project Manager (Kneis)	NCDOT Division 5	P+	P+	P+	P+	P+	P+	P+	P+	P+			
Division Engineer (Mills) (a) Deputy Division Engineer (vacant) (a) Division Operations Engineer (Wilson) (a) Division Project Manager (Hunsinger) (a) Division Construction Engineer (Eason) (a) Division Staff Engineer (Buff)	NCDOT Division 7	P+	A+	A-	P-	P+	P+	P+	P+	P+			
Mobility Development Specialist, Triangle (Barlow) (a) Assistant Director for Mobility Development (Lavender)	NCDOT PTD	A-	A-	A-	P-	A-	A-	A-	A-	P-			
Regional Traffic Engineer (Becker) (a) Regional Traffic Safety Engineer (Phipps)	NCDOT Traffic Operations	A-	A-	A-	A-	A-	A-	A-	A-	A-			
Karen Lincoln	Orange County Planning	P+	P+	P+	A+	P+	P+	P+	P+	P+			
Karen Markovicks	Orange County Planning	A-	A-	A-	P-	A-	A-	A-	A-	A-			
Liz Rooks (a) Alison Fiori	Research Triangle Foundation	A-	P-	P+	P+	A+	A-	P-	P+	P+			
John Hodges-Copple (a) Paul Black	Triangle J COG	P+	P+	P+	P+	P+	P+	P+	P+	A+			
Patrick McDonough (a) Jonathan Parker	Triangle Transit	P+	P+	P+	P+	P+	P+	P+	P+	P+			
Phail Wynn	Duke University	A-	A-	A-	A-	A-	A-	A-	A-	A-			
# P+ / # voting members		14/16	14/16	17/17	16/17	17/19	15/17	17/18	20/20	18/20			

Not confirmed in writing

P+ = present and counted as a voting member; P- = present and not counted as a voting member; A+ = absent and counted as a voting member; A- = absent and not counted as a voting member
Voting member rule: When a member misses three meetings in a row, he/she is not considered a voting member on the third consecutive missed meeting. Voting privileges are reinstated on the second consecutive meeting that he/she attends.

MEMORANDUM

TO: Technical Coordinating Committee
DCHC MPO

FROM: DCHC MPO Lead Planning Agency

DATE: September 23, 2009

SUBJECT: FY 2012-2018 Transportation Improvement Program – Regional Priority List

Background

NCDOT and the DCHC MPO have begun the process for developing the next Transportation Improvement Program (TIP). The TIP is the document that lists the transportation projects receiving federal and state funding over the next seven years. The Regional Priority List is the document that communicates the MPO's priorities for the funding of transportation projects in the TIP. In fall 2008, NCDOT provided a schedule for the next TIP that requested Regional Priority Lists by March 28, 2009. In response, the DCHC MPO approved the MPO's 2011-2017 Regional Priority List on February 11, 2009.

This list was developed by soliciting local priority lists from each MPO member jurisdiction and applying a quantitative ranking methodology to the projects on these lists. The quantitative ranking methodology was applied by primary mode of transportation for each project to create a draft Regional Priority List for each mode. A public hearing and comment period was held on the draft Regional Priority List. The TAC made adjustments to the modal lists and directed the TCC to develop combined-mode final Regional Priority Lists by division with eligible funding sources listed for each project. This was presented to the TAC and approved in February 2009. The list that the TAC approved in February consisted of three multi-modal lists separated by county corresponding with the NCDOT Highway Divisions.

NCDOT TIP Prioritization Process

NCDOT has begun to institute several reforms in response to Executive Order #2 issued by Governor Beverly Perdue in January 2009. Among other reforms, Executive Order #2 called for the creation of a professional approval process for all highway construction programs, contracts, and plans. In late spring 2009, NCDOT announced the creation of a quantitative ranking methodology for highway projects for the next TIP. This methodology was presented at several workshops in spring and summer of 2009 by the new Strategic Planning Office of Transportation (SPOT). NCDOT requested feedback from MPO, RPO, and local government staff. Some adjustments were made in response to this feedback. The ranking methodology uses a combination of quantitative data (pavement condition, safety, and congestion) and qualitative data (MPO/RPO ranking and NCDOT Highway Division ranking) to prioritize projects.

In August, SPOT presented the final highway project ranking methodology to MPO and RPO staff. NCDOT's new process requires that each MPO submit one MPO-wide highway priority list. Bicycle/pedestrian, transit, and other projects do not need to be ranked and can be submitted by division. In response to this revised process, the DCHC MPO needs to modify its approved Regional Priority List to be separated by mode and to create a MPO-wide prioritized list of highway projects.

The MPO's highway priority list is not supposed to include any projects that are in NCDOT's 5-year let list which was released on August 6, 2009. As a result, U-3804 (Hillandale Road widening) and U-3308 (Alston Avenue widening) were deleted from the Regional Priority List.

In addition, NCDOT will be creating a ranking methodology for Highway Trust Fund Urban Loop projects. This was to be presented to the Board of Transportation on September 3, 2009 (Attachment 5B). As a result, Urban Loop projects are not supposed to be submitted in the MPO's list of highway projects. This new process for Urban Loops was not communicated to LPA staff until after the August TCC meeting.

NCDOT staff have said that they will create similar ranking methodologies for bicycle/pedestrian and transit projects for the next TIP. For future Regional Priority Lists, the MPO will probably be requested to create an MPO-wide prioritization for these projects as well.

The development of this reformed process for developing the next TIP has delayed the TIP by one year. The Final TIP will not be adopted until June 2011. As a result, the first year of the TIP will be FY 2012 – not FY 2011 as previously planned, and the last year of the TIP will be FY 2018 – not FY 2017.

TCC Recommendation for MPO Regional Priority List

The TCC recommendation for the MPO Regional Priority List is provided as Attachment 5A. LPA Staff have edited these tables to respond to the TAC's questions at their September meeting. To develop this list, LPA staff first separated the highway projects from the other projects for each county/division, deleted projects in the 5-year let list, deleted projects not in the 2035 LRTP, and deleted projects not in the MPO. LPA staff took an expansive view of what was considered to be a highway project. Any project that included curb, safety, or shoulder improvements was included. The DCHC MPO has consistently requested that traditional highway funding be used on non-traditional highway projects.

These three lists of highway projects were combined into one list by alternating by county in the following order: Durham County, Orange County, Chatham County. Adjustments were made to reflect the population sizes of each county. The respective orders of projects in each county were not changed from what was approved by the TAC in February.

The TCC recommendation includes Urban Loops. LPA staff recommends keeping the Urban Loop projects on the Regional Priority List until we receive further information about the prioritization of Urban Loops from NCDOT. If the Urban Loop projects must be omitted, the

LPA staff recommends that the Durham County projects be shifted up to fill the places of the Urban Loop projects. This would result in:

- Fayetteville Road widening would shift from #5 to #1
- NC 54 widening would shift from #8 to #5
- U-4716 Hopson Road/Church St. would shift from #10 to #8

The Orange County and Chatham County projects below #10 would shift up one slot keeping the respective order shown in Attachment 5A. This would result in a list that is consistent with the methodology the TCC used to develop their recommendation.

The bicycle/pedestrian, transit, and other project lists in Attachment 5A were separated by mode. In addition, more detailed project descriptions were substituted for the light rail transit project that was on the previously approved list. This substitution was made to match the descriptions of these projects in the 2035 LRTP. Otherwise, the orders of projects on these lists are unchanged from what the TAC approved in February. Since the TIP has been delayed a year, the transit systems will need to revise their requested projects to shift some projects from FY 2011 to FY 2012, if appropriate, and to add projects scheduled in FY 2018. LPA staff will work with the transit agencies to make these adjustments pending further information from NCDOT.

TAC Questions and LPA Staff Responses

Q: Why are Homestead Road improvements not on the priority list?

A: Homestead Road was included in the Division 7 bicycle and pedestrian project list as “NC 86 to Old NC 86, bicycle lanes, sidewalks, transit accommodations, and safety improvements (design may vary along length).” Although primarily a bicycle and pedestrian project, LPA staff recommends adding this to the highway list because it does include safety improvements. This project and another similar project (Seawell School Road) have been added to Attachment 5A. The TCC could recommend inserting them into the highway list at or below #19 since these projects were not in the top priority lists.

Q: Regarding the Fayetteville Streetscape Project, the TAC requested the following:

- Add and rank the four other streetscape projects.
- Break out the cost of the bicycle and pedestrian elements from the other elements of the streetscape projects.

A: In January 2009, the TAC only requested that the Fayetteville Streetscape be added to the priority list. The other four projects can also be added to the list. However, funding for these projects is very limited compared to their high costs. Attachment 5A includes the five projects as sidewalk only projects under the bicycle and pedestrian Division 5 list and as streetscape projects under a new enhancements list.

Schedule

Action	Date
NC BOT releases 60-month let list	8/6/09

Action	Date
TCC develops recommendation	8/26/09
TAC reviews priority list	9/9/09
TCC responds to TAC requests	9/23/09
TAC approves priority list	10/14/09
LPA submits projects to NCDOT through SPOT prioritization tool	10/05/09 – 10/30/09
NCDOT deadline for submittal of projects	10/30/09
Draft FY 2012-2018 STIP/MTIP Released	September 2010
Final FY 2012-2018 STIP/MTIP Adopted	June 2011

TCC Recommendation: That the TAC approve Attachment 5A as the DCHC MPO's FY 2012-2018 Regional Priority List.

DCHC MPO – FY 2012-2018 Transportation Improvement Program Regional Priority List

The DCHC MPO has been asked to submit its Regional Priority List for the FY 2012-2018 TIP through the Strategic Planning Office of Transportation (SPOT). The MPO will be submitting the following lists:

- MPO-wide List of Top 25 Highway Projects – page 1-4
- Bicycle and Pedestrian Projects – by Division – page 5-7
- Enhancement Projects – by Division – page 8
- Transit Projects – by Division – page 9-16
- Other Projects – page 16
- MPO-wide List of Prioritized CMAQ Projects – page 16

The order of the projects within each Division was approved by the TAC in February 2009 for highway, bicycle and pedestrian, transit, and other projects. The TAC is asked to approve the MPO-wide order of highway projects. The TAC approved the MPO-wide order of CMAQ projects in August. LPA Staff recommended edits are underlined.

MPO-wide List of Top 25 Highway Projects

The TCC recommendation is based off of the top priority lists approved by the TAC in February. These three lists were combined by alternating between Division 5, 7, and 8, maintaining the respective order of projects within each division, with a few modifications. The following modifications were made:

- Urban Loop projects may not be considered by NCDOT in their highway prioritization process. These projects were kept in the list pending more information from NCDOT on their proposed Urban Loop prioritization process.
- Moved Erwin Road up to #3 to provide a more significant Orange County project high on the list.
- Safety “W” type projects may not be considered by NCDOT for highway funding. However, these projects were kept in the list because there is some flexibility in how these projects are funded. They have been moved down on the list, keeping the respective order within each Division.
- Deleted projects not in the 2035 LRTP: NC 751 widening
- Deleted projects not in the MPO Boundary: Hamlets Chapel Road turn lanes
- Deleted projects in the 5-year let list: Alston Avenue widening, Hillandale Road widening
- Added Durham and Orange County projects that did not make the top priority lists to provide a list of 25 highway projects.

MPO-wide Rank	Division Rank	Name (limits)	Multi-modal in LRTP	Jurisdiction	Miles	Funding Sources	Cost
1	3	U-0071 East End Connector (NC 147 to US 70) new highway facility Urban Loop project	Yes on local streets	D, DC	2.9	T, Highway Sources	\$161,792,000
2	11 (Div. 5) 3 (Div. 7)	Ephesus Church Road (US 15-501 to Farrington Road) bike lanes, sidewalks, and safety improvements	Yes	CH, DC	2.1	STP, CMAQ, State Highway Sources	\$600,000
3	19 (Div. 5) 5 (Div. 7)	Erwin Road (15-501 to NC 751) bike lanes, sidewalks, and safety improvements (design may vary along length)	Yes	CH, DC	5.6	STP, CMAQ, State Highway Sources	\$5,527,000
4	6	Jack Bennett Road [SR1717] (US 15-501 to Lystra Rd. [SR1721]) safety improvements	No	CC	3.2	Safety and Highway Sources	\$6,900,000
5	9	Fayetteville Rd. (Woodcroft Pkwy. To Riddle Rd.) widen to 4-lane divided, bike lanes, and sidewalks	Yes	D, DC	2.4	Highway Sources	\$21,100,000
6	6	Fordham Boulevard (Columbia St/US 15-501 South to Ephesus Church Road) sidewalks, wide-outside lanes, and transit accommodations	Yes	CH	4.0	STP, CMAQ, State Highway Sources	\$5,147,000
7	8	Lystra Road [SR 1721] (US 15-501 to Farrington Point Rd. [SR1008]) safety improvements	No	CC	4.6	Safety and Highway Sources	\$9,919,000
8	10	NC 54 (I-40 east to NC 55) widen to multi-lane divided with transit accommodations, bike lanes, and sidewalks	Yes	D, DC	5.3	Highway Sources	\$91,500,000
9	12	R-2825 South Churton Street Improvements (I-40 to the Eno River)	Yes	H, OC	2.5	Highway Sources	\$19,260,000
10	17	U-4716 Hopson Rd./Church St. grade separation at RR, close Church St. RR crossing	Yes	D, DC	0.3	Highway and Rail Sources	\$6,500,000
11	14	North Greensboro (Weaver to Shelton) paint, median, bicycle signal detection, etc. W project?	Yes	C	0.2	STP, CMAQ, Safety and State Highway Sources	\$200,000
12	15	Estes Drive (NC86 to Caswell Road) widen existing roadway to include two 12-foot travel lanes, four-foot bicycle lanes and sidewalks.	Yes	CH	0.7	STP, CMAQ, State Highway Sources	\$421,000
13	16	Estes Dr. Extension (Greensboro to NC 86) bike lanes, sidewalks, and transit accommodations and multi-use path to Williams Street	Yes	C, CH	2.6	STP, CMAQ, State Highway Sources	\$2,197,000
14	17	Piney Mountain (NC 86 to Riggsbee) turn lanes, sidewalks, bicycle lanes and transit accommodations	Yes	CH	1.0	STP, CMAQ, State Highway Sources	\$2,442,000
15	25	Franklin/Merritt Mill/Brewer/Main Intersection	Yes	C, CH	0.0	Highway Sources	\$1,000,000
16	27	Orange Grove Rd Extension to US 70 Business	Yes	H, OC	0.3	Highway Sources	\$30,000,000
17	9	Lystra Road [SR 1721] (Jack Bennett Rd. [SR1717] to west side of N. Chatham Elementary) increase length of turn lanes W project?	No	CC	0.4	Safety and Highway Sources	\$250,000

MPO-wide Rank	Division Rank	Name (limits)	Multi-modal in LRTP	Jurisdiction	Miles	Funding Sources	Cost
18	10	Jeremiah Drive [SR 1762] (Lystra Rd. [SR 1721] to End) elevate road for flood control W project?	No	CC	0.8	Safety and Highway Sources	\$100,000
		The following projects were not on the top priority lists approved in February, but are recommended to be added to provide 25 projects:					
19	9	U-2405 Martin Luther King Jr. Pkwy./NC 55 intersection extend to Cornwallis Rd. bridge over RR	Yes	D, DC	0	Highway Sources	\$30,000,000
20	10	NC 54 (I-40 west to Barbee Chapel Rd.) widen to 6-lane divided, sidewalks	Yes	D, DC	1.6	Highway Sources	\$39,100,000
21	6	Estes/Greensboro roundabout	Yes	C	0	Highway Sources	\$500,000
22	11	Old Oxford Highway (Roxboro Rd. to Hamlin Rd.) expand capacity, bike lanes, and sidewalks	Yes	D, DC	1.5	T, Highway Sources	\$38,100,000
23	12	NC 751 (S. Roxboro Rd. to NC 54) widen to 4-lane, bike lanes, and sidewalks	Yes	D, DC	0.7	Highway Sources	\$7,200,000
24	7	TIP # U-3436 Eno Mountain Road, Mayo Street & Orange Grove Road Realignment	Yes	H, OC	0.28	Highway Sources	\$2,350,000
25	13, 14	Initiate a combined phased environmental study for: - US 70 (Lynn Rd. to Wake County Line) convert to 6-lane freeway - U-4721 Northern Durham Parkway (Roxboro Rd. to US 70) new facility Urban Loop project	Yes	D, DC	4.1, 16.3	T, Highway Sources	\$123,100,000 \$148,200,000
<u>26</u>	<u>23 (b/p)</u>	<u>Seawell School (Homestead to Estes) bicycle lanes, sidewalks, transit accommodations, and intersection safety improvements (design may vary along length)</u>	<u>Yes</u>	<u>CH, C</u>	<u>3.8</u>	<u>STP, CMAQ, State Highway Sources</u>	<u>\$3,525,000</u>
<u>27</u>	<u>25 (b/p)</u>	<u>Homestead (NC 86 to Old NC 86) bicycle lanes, sidewalks, transit accommodations, and safety improvements (design may vary along length)</u>	<u>Yes</u>	<u>C, OC</u>	<u>4.7</u>	<u>STP, CMAQ, State Highway Sources</u>	<u>\$5,505,000</u>

Two Orange County projects that were classified as primarily bicycle and pedestrian projects on the MPO's previously approved Regional Priority List could also be considered as partial highway projects. These projects were inadvertently overlooked by LPA Staff in developing the list. LPA

Staff recommends adding them as projects #26 and #27. If the loop projects must be omitted, these projects will move in to the #24 and #25 spots.

Summary:

Durham County: 11 projects, \$ 672,719,000 (2 projects, \$6,127,000 shared with Orange County)

Orange County: 14 projects, \$ 76,477,000 (2 projects, \$6,127,000 shared with Durham County)

Chatham County: 4 projects, \$17,169,000

If the Urban Loop projects must be omitted from the above table, the LPA staff recommends that the Durham County projects be shifted up to fill the place of the Urban Loop projects. This would result in:

- Fayetteville Road widening would shift from #5 to #1
- NC 54 widening would shift from #8 to #5
- U-4716 Hopson Road/Church St. would shift from #10 to #8

The Orange County and Chatham County projects below #10 would shift up one slot keeping the respective order shown in the table.

Deleted:

Division Rank	Name (limits)	Jurisdiction	Miles	Funding Sources	Cost
5	NC 751 (US 64 to Durham County Line) widening Not in 2035 LRTP	CC	9.4	Highway Sources	\$44,130,000
7	Hamlets Chapel Road [SR 1525] (Perry Harrison Elementary School) increase length of turn lanes Not in MPO Boundary	CC	0.2	Highway Sources	\$250,000
7	U-3804 Hillandale Rd. (I-85 to Carver St.) widen to 4-lane divided, bike lanes, and sidewalks In 5-year let list	D, DC	0.6	Highway Sources	\$11,191,000
8	U-3308 Alston Ave. (NC 147 to NC 98) widen to 4-lane divided, bike lanes, and sidewalks In 5-year let list	D, DC	0.9	Highway Sources	\$25,916,000

Bicycle and Pedestrian Projects

Division 5

Rank	Name (limits)	Jurisdiction	Miles	Funding Sources	Cost
1	Fayetteville Rd. (Cornwallis Rd. to Nelson) bike lanes and sidewalks Safe Routes to School Project	D, DC	1.1	STP, CMAQ, SRTS, State Highway Sources	\$356,000
2	Avondale Dr. (Roxboro Rd. to Geer St.) bike lanes and sidewalks Sidewalks are a STPDA Project	D, DC	1.1	STP, CMAQ, State Highway Sources	\$515,000
3	University Dr. (Garrett Rd. to Hope Valley Rd.) bike lanes and sidewalks Portion of the sidewalks are a ARRA STPDA Project	D, DC	2.9	STP, CMAQ, State Highway Sources	\$1,025,000
4	Fayetteville Rd. (Cornwallis Rd. to NC 147) <u>s Sidewalks</u>	D	2.2	STP, CMAQ, State Highway Sources	<u>TBD</u>
5	Holloway St. (Miami Blvd. to US 70) sidewalk and wide outside lanes To be built as part of U-0071 East End Connector	D, DC	0.4	STP, CMAQ, State Highway Sources	\$257,000
6	Hillandale Rd. (I-85 to NC 147) bike lanes and sidewalks STPDA Project	D, DC	0.9	STP, CMAQ, State Highway Sources	\$1,320,000
7	Club Blvd. (Ruffin St. to Geer St.) bike lanes and sidewalks	D, DC	3.5	STP, CMAQ, State Highway Sources	\$2,978,000
8	<u>West Chapel Hill Street corridor (Kent St. to Buchanan Blvd.) sidewalks</u>	<u>D</u>	<u>0.2</u>	<u>STP, CMAQ, State Highway Sources</u>	<u>TBD</u>
9	Cheek Rd. (Geer St. to Hardee St.) sidewalks STPDA Project	D, DC	0.5	STP, CMAQ, State Highway Sources	\$695,000
10	Dearborn Dr. (E. Club Blvd. to Old Oxford Rd.) bike lanes and sidewalks Sidewalks are a ARRA STPDA Project	D, DC	1.5	STP, CMAQ, State Highway Sources	\$2,389,000
The following projects were not on the top priority list, but could be submitted:					
<u>11</u>	<u>Hope Valley Rd. (S. Roxboro Rd. to US 15-501 Bus) sidewalks and bicycle lanes</u> Portion is CMAQ Project	<u>D, DC</u>	<u>3.4</u>	<u>STP, CMAQ, State Highway Sources</u>	<u>\$4,916,000</u>
12	<u>East Main Street corridor (Hood St. to Alston Ave.) sidewalks</u>	<u>D</u>	<u>0.4</u>	<u>STP, CMAQ, State Highway Sources</u>	<u>TBD</u>
13	Cornwallis Rd. (Erwin Rd. to Chapel Hill Rd.)	D, DC	2.6	STP, CMAQ, State Highway Sources	\$3,204,000
14	<u>Angier-Driver Intersection sidewalks</u>	<u>D</u>	<u>0.2</u>	<u>STP, CMAQ, State Highway Sources</u>	<u>TBD</u>
15	<u>North Mangum-Corporation intersection sidewalks</u>	<u>D</u>	<u>0.2</u>	<u>STP, CMAQ, State Highway Sources</u>	<u>TBD</u>

Rank	Name (limits)	Jurisdiction	Miles	Funding Sources	Cost
16	Alston Ave. (Carpenter Fletcher Rd. to Sedwick Rd.) bike lanes and sidewalks CMAQ Project	D, DC	1.4	STP, CMAQ, State Highway Sources	\$2,069,000
17	Barbee Chapel Rd. (NC 54 to Stagecoach Rd.) (design may vary along length) bike lanes and sidewalks	D, DC	2.2	STP, CMAQ, State Highway Sources	\$1,759,000
18	Pope Rd. (Old Durham-Chapel Hill Rd. to Ephesus Church Rd.) bike lanes and sidewalks	D, DC	1.1	STP, CMAQ, State Highway Sources	\$1,470,000
19	Holloway St. (Junction Rd. to Lynn Rd.) sidewalk and wide outside lanes	D, DC	0.7	STP, CMAQ, State Highway Sources	\$736,000
20	Sedwick Rd. (Grandale Dr. to Alston Ave.) bike lanes and sidewalks	D, DC	1.8	STP, CMAQ, State Highway Sources	\$2,187,000

Division 7

Rank	Name (limits)	Jurisdiction	Miles	Funding Sources	Cost
1	Martin Luther King Jr. Boulevard/NC 86 Corridor (I-40 to North Street) sidewalks and bike lanes Portion is a CMAQ Project	CH	2.5	STP, CMAQ, State Highway Sources	\$3,945,000
2	NC 54 (Fordham Boulevard to Barbee Chapel Road) sidewalks and bike lanes	CH	1.2	STP, CMAQ, State Highway Sources	\$1,550,000
3	18 Chapel Hill Intersections - bicycle and pedestrian improvements	CH	0.0	STP, CMAQ, State Highway Sources	\$1,542,000
4	Pedestrian and Bicycle Overpass/Underpass Across Fordham Boulevard between Manning Drive and Old Mason Farm Road	CH	0.0	STP, CMAQ, State Highway Sources	\$2,261,000
5	Bolin Creek Greenway (Martin Luther King Jr. Blvd. to Umstead Park.) multi-use path Portion is a STPDA Project	CH	0.8	STP, CMAQ, State Highway Sources	\$1,500,000
6	Nash Street (Faucette Mill to Dimmocks Mill) sidewalks STPDA and ARRA STPDA Project	H	1.8	STP, CMAQ, State Highway Sources	\$679,000
7	Morgan Creek Phase II (from the end of Phase I to Carrboro Town line.) multi-use path STPDA Project	CH	1.0	STP, CMAQ, State Highway Sources	\$3,500,000
8	NC 54 Sidepath (James Street to Anderson Park) multi-use path	C	0.8	STP, CMAQ, State Highway Sources	\$700,000
9	Fordham Boulevard (Ephesus Church Road to Elliott Road) sidewalks	CH	0.3	STP, CMAQ, State Highway Sources	\$175,000
10	Culbreth Road (Adam Way to Smith Level) sidewalks	CH	0.5	STP, CMAQ, State Highway Sources	\$165,000

Rank	Name (limits)	Jurisdiction	Miles	Funding Sources	Cost
11	Bolin Creek Phase IV (Umstead Park to Carolina North, follow Umstead Drive to Estes Drive, then along Estes Drive to Carolina North) multi-use path	CH	1.3	STP, CMAQ, State Highway Sources	\$2,500,000
12	Bolin Creek/Little Creek Greenway (Chapel Hill Community Center to Pinehurst Drive.) multi-use path	CH	1.3	STP, CMAQ, State Highway Sources	\$943,000
13	Old Fayetteville (NC 54 to McDougle School) sidewalks and bike lanes ARRA Project, In 5-year let list	C	1.0	STP, CMAQ, State Highway Sources	\$1,800,000
14	Orange Grove Rd. Pedestrian Bridge	H, OC	0.0	STP, CMAQ, State Highway Sources	\$1,000,000
The following projects were not on the top priority list, but could be submitted:					
<u>15</u>	<u>Old NC 86 (Hillsborough to Homestead) (design may vary along length) sidewalks and bicycle lanes</u>	<u>OC, C</u>	<u>1.1</u>	<u>STP, CMAQ, State Highway Sources</u>	<u>\$1,320,000</u>
<u>16</u>	<u>Mount Carmel Church Road (US 15-501 to Bennett) sidewalks and bicycle lanes</u>	<u>OC, CH</u>	<u>0.4</u>	<u>STP, CMAQ, State Highway Sources</u>	<u>\$275,000</u>
<u>17</u>	<u>Old Mason Farm/Finley Golf Course Road sidewalks and bicycle lanes</u>	<u>CH</u>	<u>1.4</u>	<u>STP, CMAQ, State Highway Sources</u>	<u>\$1,800,000</u>
<u>18</u>	<u>Old NC 86 (Homestead to Eubanks) (design may vary along length) sidewalks and bicycle lanes</u>	<u>OC, C</u>	<u>3.4</u>	<u>STP, CMAQ, State Highway Sources</u>	<u>\$4,233,000</u>
<u>19</u>	<u>Eubanks Road (Rogers Rd to NC 86) bicycle lanes</u>	<u>OC</u>	<u>1.7</u>	<u>STP, CMAQ, State Highway Sources</u>	<u>\$824,000</u>
<u>20</u>	<u>Horace Williams Trail (Homestead Road and Carolina North to the Town Operations Center, adjacent to the Norfolk Southern rail line. (formerly Southern Railroad Greenway))</u>	<u>CH</u>	<u>1.7</u>	<u>STP, CMAQ, State Highway Sources</u>	<u>\$370,000</u>
<u>21</u>	<u>NC 86 (US 70A to I-40) wide outside lanes</u> Portion may get 2' shoulders as possible ARRA project	<u>H, OC</u>	<u>7.1</u>	<u>STP, CMAQ, State Highway Sources</u>	<u>\$933,340</u>
<u>22</u>	<u>S Greensboro (Old Pittsboro to Merritt Mill) sidewalk on west side</u>	<u>C</u>	<u>0.5</u>	<u>STP, CMAQ, State Highway Sources</u>	<u>\$247,500</u>
<u>23</u>	<u>Cleland Drive/Burning Tree Drive (Cleland Drive and Burning Tree Drive.) sidewalks</u>	<u>OC, H</u>	<u>1.5</u>	<u>STP, CMAQ, State Highway Sources</u>	<u>?</u>
<u>24</u>	<u>Eubanks (Old NC 86 to Rogers Rd) (design may vary along length) sidewalks and bicycle lanes</u>	<u>OC, C</u>	<u>1.6</u>	<u>STP, CMAQ, State Highway Sources</u>	<u>\$1,992,000</u>
<u>25</u>	<u>Mount Carmel Church Road (Bennett to Chatham County Line) bicycle lanes</u>	<u>OC, CH</u>	<u>2.5</u>	<u>STP, CMAQ, State Highway Sources</u>	<u>\$940,000</u>
<u>26</u>	<u>Old NC 86 (I-40 to Homestead Road) wide outside lanes</u>	<u>OC</u>	<u>5.0</u>	<u>STP, CMAQ, State Highway Sources</u>	<u>\$1,598,000</u>

Division 8 – none

Enhancement Projects**Division 5**

<u>Name (limits)</u>	<u>Jurisdiction</u>	<u>Miles</u>	<u>Funding Sources</u>	<u>Cost</u>
<u>Angier-Driver Intersection streetscape</u>	<u>D</u>	<u>0.2</u>	<u>Enhancements</u>	<u>\$6,753,000</u>
<u>North Mangum-Corporation intersection streetscape</u>	<u>D</u>	<u>0.2</u>	<u>Enhancements</u>	<u>\$6,022,000</u>
<u>East Main Street corridor (Hood St. to Alston Ave.) streetscape</u>	<u>D</u>	<u>0.4</u>	<u>Enhancements</u>	<u>\$5,276,000</u>
<u>Fayetteville Rd. (Cornwallis Rd. to NC 147) corridor streetscape</u>	<u>D</u>	<u>2.2</u>	<u>Enhancements</u>	<u>\$32,751,000</u>
<u>West Chapel Hill Street corridor (Kent St. to Buchanan Blvd.) streetscape</u>	<u>D</u>	<u>0.2</u>	<u>Enhancements</u>	<u>\$4,686,000</u>

Public Transportation Projects

Since the TIP has been delayed by one year, LPA Staff and the transit agencies may make adjustments to the approved transit priority lists displayed below to shift some projects from FY 2011 to FY 2012, if appropriate, and to add projects in FY 2018 to the lists.

Division 5 – DATA and Triangle Transit

Rank	Name (limits)	Jurisdiction	Funding Sources	Cost
1	2011 Transit Projects • Preventative maintenance and routine capital items - o Triangle Transit - \$7,000,000 - o DATA - \$3,500,000 • Replacement buses - o Triangle Transit – 28 buses - \$8,900,000 • Replacement vans - o Triangle Transit – 58 vanpool vans - \$1,300,000 - o Triangle Transit – 6 paratransit vans - \$320,000 - o DATA – 15 ADA vans - \$570,000 • Service vehicles - o DATA - 6 replacement service vehicles - \$180,000 • Expansion service - o Light Rail Service - Durham - Chapel Hill - alternatives analysis and preliminary engineering and design - \$5,600,000 (FY 2011-2015) - o Light Rail Service – Raleigh-RTP-Durham – alternatives analysis and preliminary engineering and design - \$4,000,000 (FY 2011-2015) - o Triangle Transit – 23 expansion buses - \$9,100,000 - o Triangle Transit – 80 vanpool vans - \$1,700,000 - o Triangle Transit – Planning Assistance - \$7,000,000 - o Triangle Transit – 9 paratransit vans - \$357,000 - o DATA – 8 40’ expansion buses - \$5,760,000 - o DATA – passenger amenities (30 shelters +100 benches) - \$500,000	D, TT	STP, CMAQ, Public Transit Sources	\$50,937,000

Rank	Name (limits)	Jurisdiction	Funding Sources	Cost
2	2012 Transit Projects • Preventative maintenance and routine capital items - o DATA - \$3,850,000 • Service vehicles - o DATA - 4 replacement service vehicles - \$140,000 • Expansion service - o Light Rail Service - Durham - Chapel Hill - alternatives analysis and preliminary engineering and design - \$5,600,000 (FY 2011-2015) - o Light Rail Service – Raleigh-RTP-Durham – alternatives analysis and preliminary engineering and design - \$4,000,000 (FY 2011-2015) - o NCRR and Light Rail Service – Raleigh-RTP-Durham – NCRR grade separations and track realignments in Durham County - \$80,340,000 (FY 2011-2018) - o DATA - 18 40' hybrid expansion buses - \$13,500,000	D, TT	STP, CMAQ, Public Transit Sources	\$17,490,000
3	FY 2013 Transit Projects • Preventative maintenance and routine capital items - o DATA - \$4,250,000 • Replacement vehicles - o DATA – 30 40' hybrid buses - \$24,000,000 • Expansion service - o Light Rail Service - Durham - Chapel Hill - alternatives analysis and preliminary engineering and design - \$5,600,000 (FY 2011-2015) - o Light Rail Service – Raleigh-RTP-Durham – alternatives analysis and preliminary engineering and design - \$4,000,000 (FY 2011-2015) - o NCRR and Light Rail Service – Raleigh-RTP-Durham – NCRR grade separations and track realignments in Durham County - \$80,340,000 (FY 2011-2018) - o DATA – 4 40' hybrid buses - \$3,400,000 - o DATA – passenger amenities (15 shelters +90 benches) - \$380,000 - o DATA – land acquisition for 2 100 space park-n-ride lots (Treyburn and Githens Middle School areas) - \$2,200,000	D, TT	STP, CMAQ, Public Transit Sources	

Rank	Name (limits)	Jurisdiction	Funding Sources	Cost
4	FY 2014 Transit Projects • Preventative maintenance and routine capital items - o DATA - \$4,660,000 • Expansion service - o Light Rail Service - Durham - Chapel Hill - alternatives analysis and preliminary engineering and design - \$5,600,000 (FY 2011-2015) - o Light Rail Service – Raleigh-RTP-Durham – alternatives analysis and preliminary engineering and design - \$4,000,000 (FY 2011-2015) - o Light Rail Service – Raleigh-RTP-Durham – right-of-way - \$42,400,000 (FY 2014-2016) - o NCRR and Light Rail Service – Raleigh-RTP-Durham – NCRR grade separations and track realignments in Durham County - \$80,340,000 (FY 2011-2018) - o DATA – 2 40’ hybrid buses - \$1,800,000	D, TT	STP, CMAQ, Public Transit Sources	
5	FY 2015 Transit Projects • Preventative maintenance and routine capital items - o DATA - \$5,120,000 • Expansion service - o Light Rail Service - Durham - Chapel Hill - alternatives analysis and preliminary engineering and design - \$5,600,000 (FY 2011-2015) - o Light Rail Service – Raleigh-RTP-Durham – alternatives analysis and preliminary engineering and design - \$4,000,000 (FY 2011-2015) - o Light Rail Service – Raleigh-RTP-Durham – right-of-way - \$42,400,000 (FY 2014-2016) - o NCRR and Light Rail Service – Raleigh-RTP-Durham – NCRR grade separations and track realignments in Durham County - \$80,340,000 (FY 2011-2018) - o DATA – 2 40’ hybrid buses - \$1,800,000	D, TT	STP, CMAQ, Public Transit Sources	
6	FY 2016 Transit Projects • Preventative maintenance and routine capital items - o DATA - \$5,640,000 • Replacement vehicles - o DATA – 18 ADA vans - \$900,000 • Expansion service - o Light Rail Service - Durham - Chapel Hill – right-of-way - \$72,400,000 (FY 2016-2019) - o Light Rail Service – Raleigh-RTP-Durham – right-of-way - \$42,400,000 (FY 2014-2016) - o NCRR and Light Rail Service – Raleigh-RTP-Durham – NCRR grade separations and track realignments in Durham County - \$80,340,000 (FY 2011-2018)	D, TT	STP, CMAQ, Public Transit Sources	

Rank	Name (limits)	Jurisdiction	Funding Sources	Cost
7	FY 2017 Transit Projects • Preventative maintenance and routine capital items - o DATA - \$6,200,000 • Replacement vehicles - o DATA – 7 40’ hybrid buses - \$8,400,000 • Expansion service - o Light Rail Service - Durham - Chapel Hill – right-of-way - \$72,400,000 (FY 2016-2019) - o Light Rail Service – Raleigh-RTP-Durham – construction - \$286,800,000 (FY 2017-2019) - o NCRR and Light Rail Service – Raleigh-RTP-Durham – NCRR grade separations and track realignments in Durham County - \$80,340,000 (FY 2011-2018) - o DATA – passenger amenities (25 shelters +115 benches) - \$675,000	D, TT	STP, CMAQ, Public Transit Sources	
8	FY 2018 Transit Projects • Expansion service - o Light Rail Service - Durham - Chapel Hill – right-of-way - \$72,400,000 (FY 2016-2019) - o Light Rail Service – Raleigh-RTP-Durham – construction - \$286,80,000 (FY 2017-2019) - o NCRR and Light Rail Service – Raleigh-RTP-Durham – NCRR grade separations and track realignments in Durham County - \$80,340,000 (FY 2011-2018)	D, TT	STP, CMAQ, Public Transit Sources	

Division 7 – Chapel Hill Transit and Triangle Transit

Rank	Name (limits)	Jurisdiction	Funding Sources	Cost
1	FY 2011 Transit Projects • Preventative maintenance and routine capital items - o Triangle Transit - \$7,000,000 - o Chapel Hill Transit - \$2,982,000 • Replacement buses - o Triangle Transit – 28 buses - \$8,900,000 - o Chapel Hill Transit – 8 buses - \$2,800,000 • Replacement vans - o Triangle Transit – 58 vanpool vans - \$1,300,000 - o Triangle Transit – 6 paratransit vans - \$320,000 - o Chapel Hill Transit – 5 EZ-rider vans - \$384,000 - o Chapel Hill Transit – 7 Safe-Ride vans - \$210,000 • Service vehicles - o Chapel Hill Transit – 8 - \$240,000 • Expansion service - o Light Rail Service - Durham - Chapel Hill - alternatives analysis and preliminary engineering and design - \$5,600,000 (FY 2011-2015) - o Chapel Hill Transit - Park & Ride Lot Expansion - Land Acquisition and Design - 1000 spaces - \$2,000,000 - o Triangle Transit – 23 expansion buses - \$9,100,000 - o Triangle Transit – 80 vanpool vans - \$1,700,000 - o Triangle Transit – Planning Assistance - \$7,000,000 - o Triangle Transit – 9 paratransit vans - \$357,000 - o Chapel Hill Transit – 5 buses - \$1,800,000 - o Hillsborough In Town Transit Circulator - \$198,000 - o Hillsborough Train Station/Multi-modal Center - \$1,500,000	CH, C, H, OC, TT	STP, CMAQ, Public Transit Sources	\$50,541,000

Rank	Name (limits)	Jurisdiction	Funding Sources	Cost
2	FY 2012 Transit Projects - Preventative maintenance and routine capital items - Chapel Hill Transit - \$3,190,000 - Replacement buses - Chapel Hill Transit – 9 buses - \$3,250,000 - Expansion service - Chapel Hill Transit - Park & Ride Lot Expansion - Construction - 1000 spaces - \$5,000,000 - Chapel Hill Transit – 5 buses - \$1,800,000	CH, C, TT	STP, CMAQ, Public Transit Sources	\$11,440,000
3	FY 2013 Transit Projects - Preventative maintenance and routine capital items - Chapel Hill Transit - \$3,400,000 - Replacement buses - Chapel Hill Transit – 17 buses - \$6,300,000 - Replacement vans - Chapel Hill Transit – 5 EZ-rider vans - \$423,000 - Expansion service - Light Rail Service - Durham - Chapel Hill - alternatives analysis and preliminary engineering and design - \$5,600,000 (FY 2011-2015)	CH, C, TT	STP, CMAQ, Public Transit Sources	
4	FY 2014 Transit Projects - Preventative maintenance and routine capital items - Chapel Hill Transit - \$3,007,000 - Replacement buses - Chapel Hill Transit – 10 buses - \$3,900,000 - Replacement vans - Chapel Hill Transit – 5 EZ-rider vans - \$444,000 - Expansion service - Light Rail Service - Durham - Chapel Hill - alternatives analysis and preliminary engineering and design - \$5,600,000 (FY 2011-2015)	CH, C, TT	STP, CMAQ, Public Transit Sources	

Rank	Name (limits)	Jurisdiction	Funding Sources	Cost
5	FY 2015 Transit Projects - Preventative maintenance and routine capital items - Chapel Hill Transit - \$3,900,000 - Replacement vans - Chapel Hill Transit – 5 EZ-rider vans - \$467,000 - Chapel Hill Transit – 7 Safe-Ride vans - \$217,000 - Service vehicles - Chapel Hill Transit – 4 - \$196,000 - Expansion service - Light Rail Service - Durham - Chapel Hill - alternatives analysis and preliminary engineering and design - \$5,600,000 (FY 2011-2015) - Chapel Hill Transit – 5 buses - \$1,971,000	CH, C, TT	STP, CMAQ, Public Transit Sources	
6	FY 2016 Transit Projects - Preventative maintenance and routine capital items - Chapel Hill Transit - \$4,200,000 - Expansion service - Light Rail Service - Durham - Chapel Hill – right-of-way - \$72,400,000 (FY 2016-2019)	CH, C, TT	STP, CMAQ, Public Transit Sources	
7	FY 2017 Transit Projects - Preventative maintenance and routine capital items - Chapel Hill Transit - \$4,500,000 - Replacement vans - Chapel Hill Transit – 5 EZ-rider vans - \$515,000 - Expansion service - Light Rail Service - Durham - Chapel Hill – right-of-way - \$72,400,000 (FY 2016-2019)	CH, C, TT	STP, CMAQ, Public Transit Sources	
8	FY 2018 Transit Projects - Expansion service - Light Rail Service - Durham - Chapel Hill – right-of-way - \$72,400,000 (FY 2016-2019)	CH, C, TT	STP, CMAQ, Public Transit Sources	

Division 8

Rank	Name (limits)	Jurisdiction	Funding Source	Cost
1	CHT to Establish Bus Route from Pittsboro to Chapel Hill-Park & Ride Lot on US 15-501	CC	STP, CMAQ, Public Transit Sources	\$352,712 (annual operating cost)

Other Projects

Rank	Name (limits)	Jurisdiction	Funding Sources	Cost
1	C-5102 Transportation Demand Management CMAQ Project	MPO-wide	CMAQ, O, STP	\$17,000,000
2	Intelligent Transportation System Improvements - Triangle Transit – Real Time Passenger Information - \$700,000 - Additional projects will be determined during the ITS Strategic Deployment Plan Update.	MPO-wide	Highway and Public Transit Sources	Total cost TBD by study
3	Area Plan in Cooperation with Cary (North of US 64, East of Jordan Lake)	CC	STP, Highway Sources	\$100,000

CMAQ Projects will be submitted as approved by the TAC on August 12, 2009

North Carolina Department of Transportation

Proposed Urban Loop Pilot
Prioritization Process
September 2, 2009



Urban Loop Pilot Prioritization Process (DRAFT)

- **Objective**
- **Background/Why Now**
- **Principles of Urban Loop Prioritization**
- **Proposed Methodology**
 - Needs Factors
 - Benefits Factors
 - Scoring System
 - Other Factors
- **Implementation Schedule**

Urban Loop Pilot Prioritization Process (DRAFT)

- **Objective**
- **Background**
 - Urban Loop Program established by 1989 Highway Trust Fund
 - ◇ Objectives were to Support Statewide Growth and Development and connect to major highways of adjoining States
 - 21st Century Transportation Committee
 - ◇ Enhance mobility by completing all urban loops with priorities established based on measurable transparent criteria
- **Why Now?**
 - Challenges Grow Greater
 - ◇ Funding
 - ◇ Construction Costs
 - ◇ Environmental Issues
 - Opportunities Lost
 - ◇ Economic Development

Principles of Urban Loop Pilot Prioritization Process (DRAFT)

- Projects will support statewide growth and foster economic development
- Selection criteria will be data driven and transparent
- Selection criteria will be consistent with overall Strategic Prioritization Process
- Pilot effort will include Benefit/Cost - Type Methodology
- Pilot effort will be subject to public review and comment
- Secretary of NCDOT will have ability to adjust projects in final rankings.

Urban Loop Pilot Prioritization Process (DRAFT)

Methodology

NEEDS FACTORS	POTENTIAL SCORING IMPACT
Congestion Score	High
Safety Score	Low
Pavement Score	Low

Urban Loop Pilot Prioritization Process (DRAFT)

Methodology con't

BENEFITS FACTORS	POTENTIAL SCORING IMPACT
Travel time savings	High
Environmental Readiness	Low - Medium
Air Quality Conformity	Medium - High
Economic Development	High
Freight Mobility	Medium
Multi-Modal	Medium
Land Use	Medium

Urban Loop Pilot Prioritization Process (DRAFT)

- **Methodology**

- Scoring System

- ◇ (Needs factors): Quantitative Data based on Congestion Score, Safety Score, Infrastructure Health Score
 - ◇ (Benefits factors): Benefit Type Data from Department's internal databases and external data sources
 - ◇ Priority Ratio = Needs factors plus Benefits factors
Project Costs (Loop expenditures)

Urban Loop Pilot Prioritization Process (DRAFT)

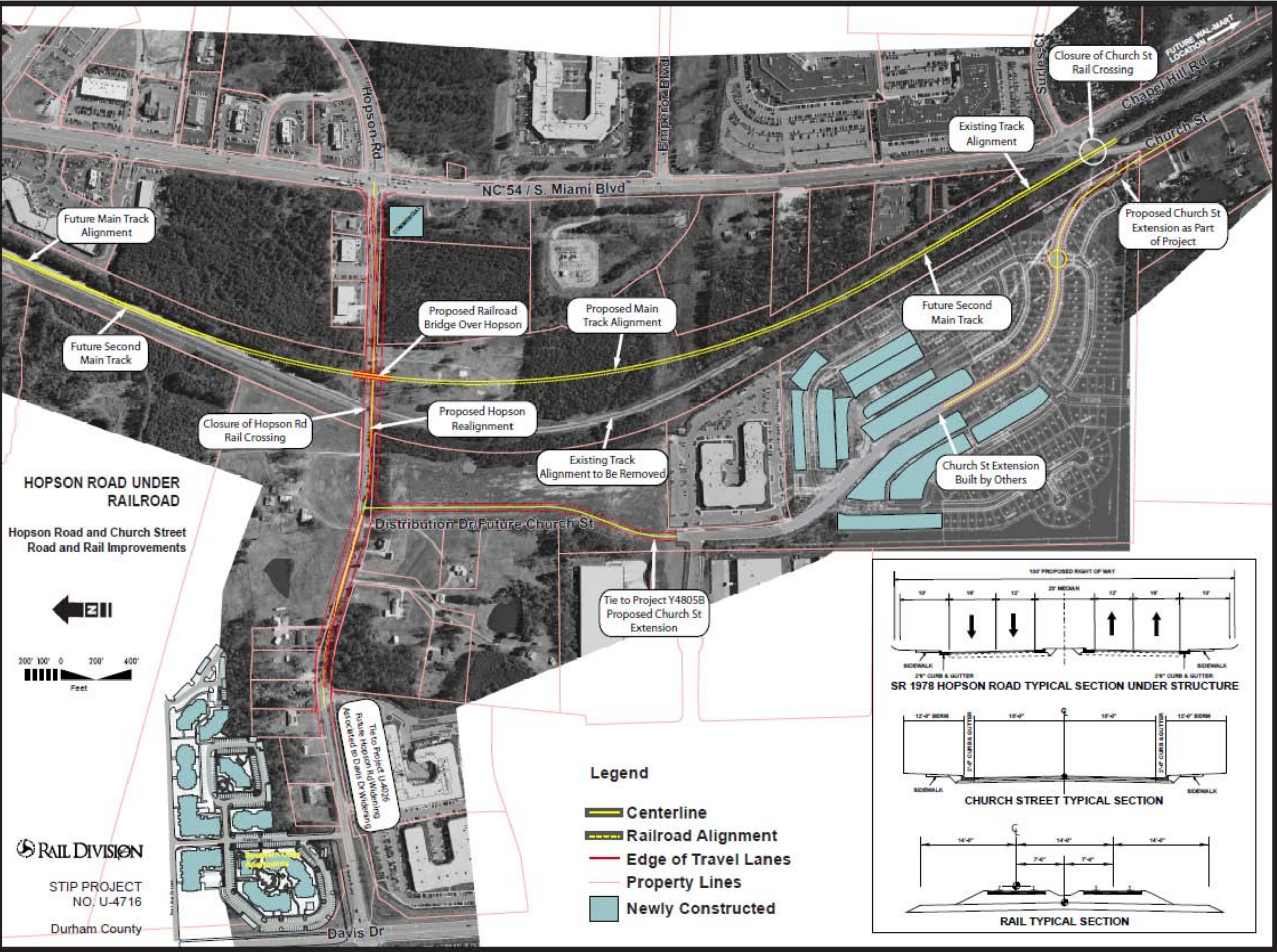
- **Other Factors in Scheduling Projects**
 - ◇ Build usable segments
 - ◇ Avoiding lapse of planning documents and permits
 - ◇ Paying for cash flow projects started in prior years
 - ◇ Applying funds to areas based on construction costs, inflation, volumes of work and capacity of industry
 - ◇ Non-Loop (Non NCDOT) Funding Provided to Project

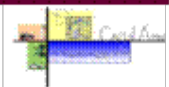
Urban Loop Pilot Prioritization Process (DRAFT)

- **Implementation Schedule**
 - Draft Pilot Report will outline more details
 - BOT Input
 - MPO input from Urban Loop areas
 - 30 day comment period on Department's Website
 - Review, revise, finalize in Spring 2010

Urban Loop Pilot Prioritization Process (DRAFT)

- *Questions/Comments*





Addendum

Amendment 1 (Approved December 9, 2009)

Amendment 1 made the following changes to the 2035 LRTP:

- a) Project #2, Church St. extension, and project #38, Hopson Rd., have been added to page 1-2 of Appendix 1, Roadway Project List.
- b) These two projects have been added to the highway projects maps on page 11-e of the Executive Summary and page 56 of the report.
- c) The Financial Plan was not changed because the added projects are to be funded by the American Recovery and Reinvestment Act (ARRA) – this one-time funding source was not included in the revenue component of the Financial Plan. In addition, the cost of the added projects, approximately \$10 million, is a very small fraction of the \$8.1 billion total cost of the 2035 LRTP and therefore the financial impact is inconsequential.

2035 Long Range Transportation Plan Roadway Project List

		Project Limits								
Project ID	Road Name	From	To	Existing # of Lanes	Proposed # of Lanes	Distance (miles)	Regionally Significant	Exempt from AQ	Project Capital Cost (2008 \$)	AQ Analysis Year
DCHC MPO Roadway Projects										
1	Alexander Dr	Cornwallis Rd	NC 147	2	4	1.00	No	No	\$8,900,000	2015
2	Church St extension	Park Knoll Dr	Hopson Rd	0	2	0.30	No	No	\$1,000,000	2015
14	Davis Dr	NC 54	County Line	2	4	1.93	No	No	\$0	2015
30	Hillandale Rd	I-85	Carver St	2	4	0.70	No	No	\$10,943,000	2015
34	Holloway St	US 70	east of Junction Rd	2	5	0.30	Yes	No	\$0	2015
37	Hopson Rd realignment (RTP)	Louis Stephens Dr	NC 55	2	2	1.00	No	No	\$0	2015
38	Hopson Rd (realignment, widening, grade separation)	NC 54	Davis Dr.	2	4	0.70	No	No	\$9,000,000	2015
46	NC 540	Ramp improvement: I-540 W	I-40 W	1	2	0.69	Yes	No	\$4,930,000	2015
56	Louis Stephens Dr (RTP)	Hopson Rd	Wake County Line	0	4	0.90	No	No	\$0	2015
59	Miami Blvd	Methodist Dr	Angier Ave	2	5	0.72	No	No	\$0	2015
66	NC 147 South Ext (Triangle Pkwy -toll)	I-40	County Line	0	6	2.40	Yes	No	\$156,700,000	2015
72	NC 54/Page Rd	Davis Dr	Miami Blvd	2	4	1.10	Yes	No	\$0	2015
75	NC 55 (Alston Ave)	NC 147	NC 98	2	4	1.00	No	No	\$23,320,000	2015
97	Smith Level Rd	Rock Haven Rd	NC 54 bypass	2	4	0.60	No	No	\$5,400,000	2015
98	South Columbia St	NC 54	Manning Dr	2	2	0.70	No	Yes	\$3,650,000	2015
110	US 15-501	Mt. Moriah Rd	Garrett Rd	4	6	0.90	Yes	No	\$0	2015
115	US 15-501 Service Rd (SR 1126)	Relocation of existing service Rd		0	2	0.30	No	No	\$2,657,716	2015
119	Weaver Dairy Rd	NC 86	Erwin Rd	2	3	2.80	No	No	\$11,070,000	2015
9	Carver St Ext	Armfield St	Old Oxford Rd	0	4	0.73	No	No	\$7,660,000	2025
10.11	Chin Page Ext	Page Rd	Wake County Line	0	2	0.66	No	No	\$7,023,462	2025
12	Cornwallis Rd	MLK	Alexander Dr	2	4	1.18	No	No	\$12,296,424	2025
15	East End Connector (EEC)	NC 147	US 70 E; US 70:EEC to NC 98	0	4	2.50	Yes	No	\$155,401,000	2025
16	Elizabeth Brady Rd Ext	US 70 Business	St Mary's Rd	0	4	1.40	No	No	\$33,594,000	2025
16.1	Eno Mountain Rd/Mayo Rd	Orange Grove Rd intersection realignment		2	2		No	Yes	\$0	2025
17	Estes Dr	Greensboro Rd	NC 86	2	3	1.70	No	No	\$6,600,000	2025
22.1	Fayetteville Rd	Renaissance Pkwy	NC 751	2	4	1.90	No	No	\$15,588,005	2025
23	Fayetteville Rd	Woodcroft Pkwy	Cornwallis Rd	2	4	2.31	No	No	\$23,134,000	2025
24.11	Garrett Rd	NC 751	US 15-501	2	3	3.12	No	No	\$13,464,268	2025

DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION

TCC 9/23/2009 Attachment 6B

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAK

ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDING SOURCE	"DELIVERABLE STIP"						FISCAL YEARS					"UNFUNDED"
						FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FUTURE YEARS				
URBAN PROJECTS																	
DURHAM	U-4722*	US 501 (ROXBORO ROAD), US 501															
DURHAM		BYPASS (DUKE STREET) TO SR 1640 (GOODWIN ROAD). (4.4 MILES)															
STRATEGIC HIGHWAY CORRIDOR					THE CROSS SECTION FOR THIS PROJECT WILL BE ESTABLISHED BY MUTUAL AGREEMENT OF THE MPO AND NCDOT THROUGH THE STATE AND FEDERAL ENVIRONMENTAL REVIEW PROCESS.												
DURHAM	U-4716	SR 1978 (HOPSON ROAD) AND SR 1980	6500		RR											C 6500	
DURHAM		(CHURCH STREET). CONSTRUCT A GRADE SEPARATION, EXTEND CHURCH STREET AND CLOSE CHURCH STREET CROSSING 734 748M OF THE NORFOLK SOUTHERN-NORTH CAROLINA RAILROAD.															
DURHAM	U-2405	M. L. KING, JR. PARKWAY AND NC 55.	25800		STP											R 12000	
DURHAM		CONSTRUCT INTERCHANGE.			STP											C 13800	
					FEASIBILITY STUDY RE-EVALUATION IN PROGRESS												
DURHAM	U-3308	NC 55 (ALSTON AVENUE), NC 147	25916	2596	STP				M	20							
DURHAM		(I. L. "BUCK" DEAN FREEWAY) TO US 70 BUSINESS-NC 98 (HOLLOWAY STREET). WIDEN TO FOUR LANE DIVIDED FACILITY AND REPLACE NORFOLK-SOUTHERN RAILROAD BRIDGES. (1 MILE)			STP						C	7767		C	7767		
					RIGHT OF WAY IN PROGRESS												
DURHAM	U-3804	SR 1321 (HILLANDALE ROAD), I-85 TO	11191	248	STP	R	5614										
DURHAM		SR 1407 (CARVER STREET). WIDEN TO MULTI-LANES. (0.7 MILE)			STP	U	1429										
					STP				C	1950		C	1950				
					PLANNING/DESIGN IN PROGRESS												
DURHAM	U-4009	SR 1126 (SERVICE ROAD) PARALLEL TO	5683	5683													
DURHAM		US 15-501. RELOCATE EXISTING SERVICE ROAD. (0.3 MILE)															
STRATEGIC HIGHWAY CORRIDOR					UNDER CONSTRUCTION												

MEMORANDUM

TO: Technical Coordinating Committee (TAC)
DCHC MPO

FROM: Lead Planning Agency

DATE: September 23, 2009

RE: Metropolitan Area Boundary Expansion

Background

In July 2006, LPA staff sent letters to Butner, Stem, Granville County, Roxboro, Person County, and Pittsboro to solicit their interest in MAB expansion. All of the jurisdictions requested that a presentation be made to them on this issue. LPA staff presented to each board in September 2006. Triangle Area RPO and Kerr-Tar RPO staff were also present at each meeting. All of the jurisdictions were asked to consider if MPO or RPO membership would best suit the needs of their community and send a letter of interest to the MPO. All of the jurisdictions were told that the DCHC MPO TAC has not taken the position to formally invite new members at this time. Rather the TAC instructed the LPA staff to simply provide information and solicit interest. The TAC will ultimately decide if expansion is desired. Letters of interest were received from Person County and Granville County. In addition, the City of Roxboro and Town of Butner told LPA staff that they were interested, but did not send a letter. The Town of Pittsboro and the Town of Stem told LPA staff that they were not interested in joining the MPO at the time.

This information was discussed at TCC meetings in 2007, but the TCC did not make a recommendation. Later that year, the LPA elected not to pursue expansion since development of socio-economic data for the 2035 LRTP was well underway. Expansion would have required additional data collection and would have delayed adoption of the LRTP. It was decided that the issue would be further explored after the 2035 LRTP was adopted.

New Member Candidate Jurisdictions

Jurisdiction	Desire to Join DCHC MPO in 2006?	Notes
Granville County	Yes	
Town of Butner	Yes	Could not join without Granville County.
Town of Stem	No	Could not join without Granville County.
Person County	Yes	
City of Roxboro	Yes	Could not join without Person County.
Town of Pittsboro	No	Could not join without an expansion in Chatham County

Existing Members with Possible New Boundary

Chatham County
Orange County

Metropolitan Area Boundary Requirements

Federal legislation requires that an MPO's metropolitan area boundary (MAB) contain, at a minimum, the entire Urbanized Area (UZA), as defined by the U.S. Census (see map on Attachment 7A). The legislation also states that the MAB should contain the area beyond the UZA that is expected to be urbanized within the next twenty years or that is affected by urban policies and influence. The DCHC MPO's UZA may be expanded by future censuses. Inclusion of the area that is expected to be urbanized within the next twenty years or that is influenced by urban policies is up to the MPO and the local governments' discretion. The MOU for the DCHC MPO states that "the MAB will be periodically reviewed and revised in light of new developments, basic data projections for the current planning period, and as may otherwise be required by federal and State laws."

Issues and Analysis

Regional Planning

Expanding the MPO's MAB would entail a geographic expansion of the MPO's planning responsibilities. The geographic boundary of the MPO affects several of the MPO's routine planning activities. The LRTP, MTIP, and CMS must include the entire MAB. The MPO would need to participate in the NEPA review process for projects in the expansion area. The expansion area may or may not affect the MPO's special projects. Some of these projects are MPO-wide, while others are subarea plans that only include part of the MPO.

Many of the residents of the expansion areas commute into the current MAB for access to jobs, schools, and commercial areas. The increased coordination may result in better consideration of regional trip-making patterns in the identification and development of transportation projects. It may also provide more opportunities for staff and elected officials to discuss the growth patterns and land use decisions that impact regional trip-making patterns. This may result in better decision-making and planning.

The Triangle Regional Model Service Bureau has already identified an expanded boundary for the model as shown in the map. This area is inclusive of all of the potential MAB expansion areas. For the LRTP, staff anticipates that MAB expansion would require additional work for the development of projects in these areas.

Financial Resources

Currently, federal funding for the MPO is based on the population of the UZA. As a result, if the DCHC MPO decides to expand, the MPO would not receive any additional funding. If the UZA is expanded based on the 2010 census, the MPO would receive additional funds. However this would not occur until 2012 or 2013.

In 2004, the NCAMPO considered recommending a change to the allocation formula for MPO planning funds. The proposed change was to base the allocation on the population within the MAB boundary instead of the UZA. Ultimately, this proposal was not endorsed by NCAMPO. However, if this idea were to be endorsed, there would be financial benefits for MAB expansion.

Currently, the DCHC MPO does not charge member jurisdictions fees and passes through planning funds to Chapel Hill, Carrboro, Orange County, and Triangle J COG. In contrast, the Capital Area MPO charges fees to its member jurisdictions and does not pass through planning funds. The DCHC MPO may want to reconsider this policy if it expands since LPA staff will need to plan for a greater geographic area.

All of the new member candidate jurisdictions are part of the Triangle area ozone non-attainment area so the MPO would receive more CMAQ funds if it expands. The additional CMAQ funds that the MPO would receive are not completely “new” funds; rather they are funds that the new member candidate jurisdictions currently receive directly from NCDOT for CMAQ projects in their areas.

If the DCHC MPO expands by taking in parts of the Triangle Area RPO (TARPO) or the Kerr-Tar RPO, the RPO funding would be reduced. NCDOT uses the following formula for determining RPO funding. For the Triangle Area RPO, this formula means that for every 10 people, the RPO receives \$1 in planning funds above the base amount.

$$Q = \$65,000 + (n - 3) * \$5,000 + (p - 50,000)/10,000 * \$1,000$$

Base Amount = \$65,000

n = number of counties in the RPO

p = population of the RPO excluding the MPO

Minimum DOT Rural Planning Funding = \$83,700

Maximum DOT Rural Planning Funding = \$104,625

The NCDOT funding requires a 20% local match. This local match is provided by the RPO’s county member governments proportional to their population in the RPO. If the MAB expansion included an entire county, such as Orange County, TARPO would have their NCDOT funding reduced and the other county member governments would need to make up for Orange County’s share of the local match. According to NCDOT staff, the funding levels for RPOs are only adjusted after each U.S. Census.

Air Quality Conformity

All of the new member candidate jurisdictions are part of the Triangle area ozone non-attainment area. Thus, the jurisdictions and the MPO are already tied together in terms of air quality planning and budgets. Currently, plan or budget lapses in the DCHC MPO or CAMPO affect transportation funding in the other MPO when federal approval is sought on a new TIP or LRTP. If Granville County joins the DCHC MPO, plan or budget lapses in either DCHC MPO or CAMPO would immediately affect transportation funding for the other MPO because the two MPOs would share a member county government.

MPO Governance

The Memorandum of Understanding for the DCHC MPO and the bylaws of the TCC and TAC would need to be revised if the MPO expanded to include new member jurisdictions. The MOU and bylaws include the number of TAC and TCC members, rules for weighted voting for the TAC, and planning responsibilities for each MPO member jurisdiction. The MOU must be approved by the board of each member jurisdiction.

Current TAC membership and weighted voting:

Jurisdiction	Number of Members	Weighted Votes
City of Durham	2	6
Town of Chapel Hill	1	2
Town of Carrboro	1	1
Town of Hillsborough	1	1
Durham County	1	2
Orange County	1	1
Chatham County	1	1
NC BOT	1	1

Current TCC membership:

Member	Number of Members
City of Durham	5
Town of Chapel Hill	3
Town of Carrboro	2
Town of Hillsborough	1
Durham County	3
Orange County	2
Chatham County	1
NCDOT	5
Triangle J COG	1
Duke University	1
North Carolina Central University	1
University of North Carolina	1
Raleigh-Durham Airport Authority	1
Triangle Transit	1
Research Triangle Park Foundation	1
Greyhound Lines, Inc.	1

If the MPO expanded its MAB but did not expand to include any new members, the MOU and bylaws may not need to be revised. However, due to the additional population in the MPO area of Orange or Chatham County, the MPO may elect to revise the weighted voting procedures.

Timing

The timing of expansion must be coordinated with the MPO's planning activities. By law, the LRTP must include the MPO's entire MAB at the time of adoption of the LRTP. For that reason, in 2007 a decision on expansion was deferred until after the 2035 LRTP was adopted. The MPO is now in a position to evaluate expansion before work on the 2040 LRTP begins. Collection of socio-economic data for the 2040 LRTP is preliminarily scheduled to commence in early 2010. Since all of the potential expansion areas are included in the Triangle Regional Model, socio-economic data will be collected for all of these areas whether or not the MPO expands. Since MAB expansion will affect the selection of projects for the 2040 LRTP, LPA staff recommends completing the process before the LRTP is far along in development.

The 2010 census may result in an adjustment of the MPO's UZA. This may necessitate an expansion of the MPO's MAB. Unfortunately, the 2010 census data will likely not be released until 2012-2013.

MAB Expansion Process

Requirements if New Members Are Added:

1. Approval of new MAB
2. New Memorandum of Understanding – including revisions to the definition of a quorum, weighted voting
3. Update TAC and TCC Bylaws

Requirements for Boundary Expansion with No New Members:

1. Approval of new MAB

Other Options

1. The DCHC MPO could decide not to expand and establish a more formal process for coordination between the DCHC MPO and the candidate jurisdictions.
2. The DCHC MPO could elect to not take any action on MAB expansion and instead wait until the 2010 Census when the UZA will be adjusted.

According to the U.S. Code of Federal Regulations, only the governing board of the MPO must approve expansion of the MAB. The RPOs, local governing boards, and State do not need to approve the new MAB. However, LPA staff intend to solicit feedback from the RPO and local boards in developing their recommendation for expansion and will share this information with the TCC and TAC throughout the process.

TCC Recommendation

The TCC considered expansion to the eight areas shown on the map (Attachment 7A). The TCC recommends that the DCHC MPO expand to include areas #1 (I-85/I-40 Corridor in Orange County) and #5 (northeast Chatham County bordered by US 64 and the Haw River). The TCC recommends that the MPO consider expansion to the other six areas after the 2010 Census data is released. The exact boundaries may be adjusted slightly from what is shown on the map pending further MPO, RPO, and local staff review and comparison to the Census boundaries.

The following table describes some of the issues of expansion that the TCC considered. The shaded rows are the expansion areas included in the TCC recommendation. Area #4 (north-central Chatham County) was not included in the TCC recommendation because area #2 (southern Orange County) was not included.

Expansion Area	Growth	RPO Issues	MPO Funding	Planning Issues
1) I-85/I-40 Corridor in Orange County	Orange County's industrial and economic development corridor;	Separates the northern part of Orange County from the rest of the Triangle Area RPO	No additional planning funds to serve a greater geographic area; Additional CMAQ funds	Better regional planning (AQ, commuters); this industrial corridor may be urbanized in 20 years.
2) Southern Orange County	Orange County rural buffer.	Currently in Triangle Area RPO	No additional planning funds to serve a greater geographic area; Additional CMAQ funds	Better regional planning (AQ, commuters);
3) Northern Orange County	Orange County rural buffer.	Currently in Triangle Area RPO	No additional planning funds to serve a greater geographic area; Additional CMAQ funds	Better regional planning (AQ, commuters);
4) North-central Chatham County	Many new developments have been approved in north-central Chatham County recently	Currently in Triangle Area RPO	No additional planning funds to serve a greater geographic area; Additional CMAQ funds	Better regional planning (AQ, commuters); Some common interests (commuters to Chapel Hill, RTP, environmental issues, development)
5) Northeast Chatham County outside of Pittsboro ETJ	Many new developments have been approved in northeast Chatham County recently	Currently in Triangle Area RPO	No additional planning funds to serve a greater geographic area; Additional CMAQ funds	Better regional planning (AQ, commuters); Some common interests (transit, commuters to Chapel Hill, RTP, environmental issues, development)

Expansion Area	Growth	RPO Issues	MPO Funding	Planning Issues
6) Town of Pittsboro	Many new developments have been approved in northeast Chatham County recently	Currently in Triangle Area RPO	Additional CMAQ funds; No additional planning funds to serve a greater geographic area	Pittsboro did not want to join the DCHC MPO in 2006; Some common interests (commuters to Chapel Hill, RTP, transit service); Better regional planning (AQ, commuters);
7) Southwest Granville County including Butner and Stem	Employment growth in Butner; Butner was recently incorporated	Currently in Kerr Tar RPO	No additional planning funds to serve a greater geographic area; Additional CMAQ funds	Some common interests (Northern Durham Parkway, EEC); Better regional planning (AQ, commuters); Included in the TRM; AQ implications for expanding into Granville County; Stem did not want to join the DCHC MPO
8) Southern Person County including Roxboro	Adjacent to rural tier in Durham County	Currently in Kerr Tar RPO	Additional CMAQ funds; No additional planning funds to serve a greater geographic area.	Some common interests (Northern Durham Parkway, EEC); Better regional planning (AQ, commuters); Not included in the TRM;

The TAC requested the approximate populations of expansion areas #1 and #5. The TAC also requested a description and explanation of the boundaries of areas #1 and #5. LPA staff intends to work with the local and RPO staff in setting the exact boundaries. In general, the boundaries will follow census block group boundaries and easily identified geographic boundaries, such as waterways and roads.

Next Steps

The schedule below would allow the MPO to complete expansion early in the development of the 2040 LRTP.

	Action	Start Date	End Date
1	TCC and TAC consider MAB expansion	Aug 2009	Oct 2009
2	TAC sends a request to the boards of the expansion areas requesting new boundaries	Oct 2009	
3	Boards respond to MPO's request.	Nov 2009	Dec 2010
4	TCC Recommends new MAB	Dec 2010	
5	TAC Adopts new MAB	Jan 2010	Feb 2010

LPA staff will attend Board of County Commissioner and RPO meetings as requested throughout the process to describe expansion and answer questions.

TCC Recommendation: That the DCHC MPO initiate the process to expand the DCHC MPO Metropolitan Area Boundary in western Orange County along the I-85/I-40 corridor (area #1) and in northeastern Chatham County to the Haw River and US 64 (area #5).

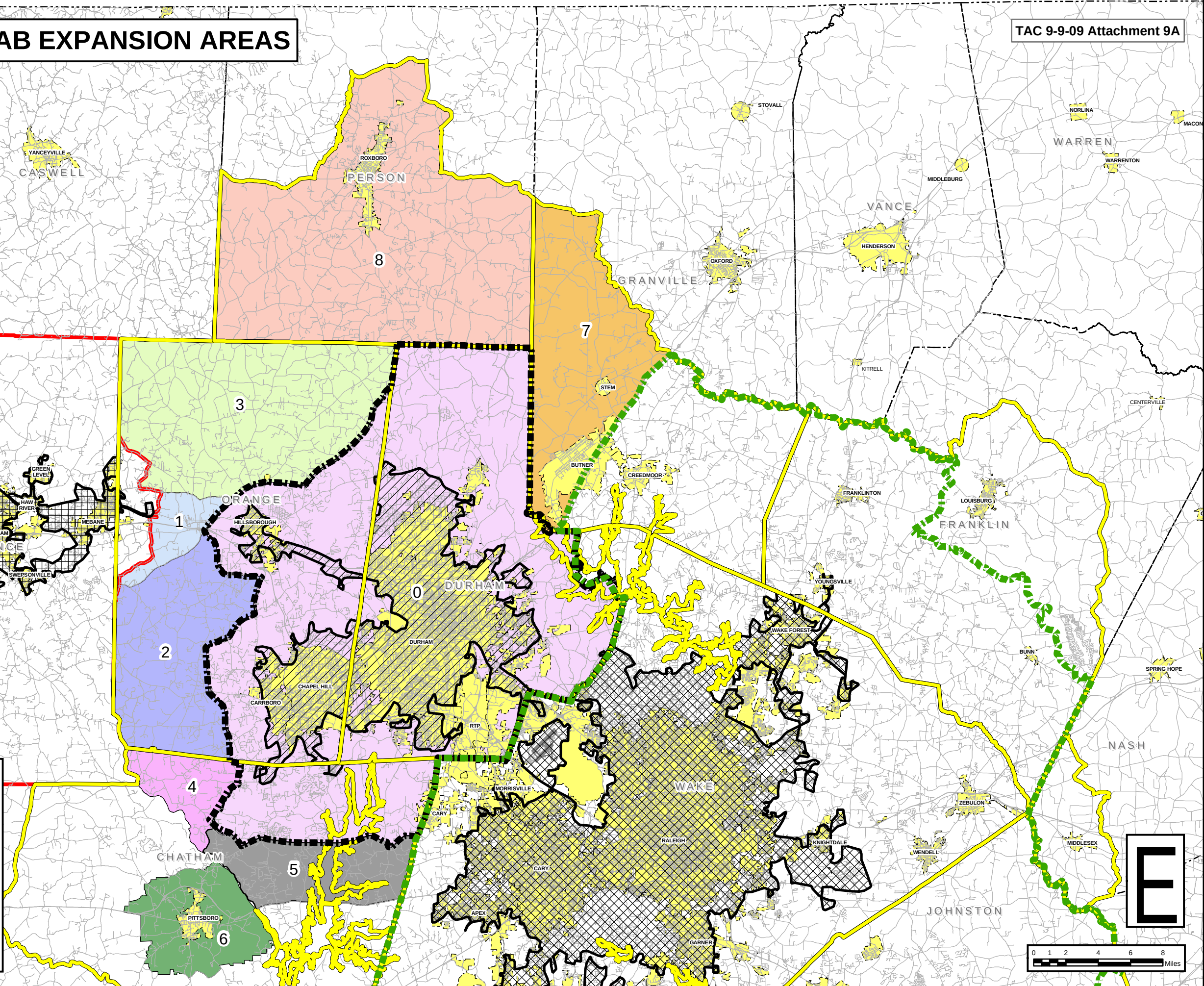
DCHC MPO POTENTIAL MAB EXPANSION AREAS

TAC 9-9-09 Attachment 9A

NOTE: EXACT DCHC MPO BOUNDARY LOCATION MAY VARY
SUBJECT TO MPO, RPO AND LOCAL STAFF REVIEW

DCHC MPO Study Area	
	Existing DCHC MPO Boundary
	Area 1
	Area 2
	Area 3
	Area 4
	Area 5
	Area 6
	Area 7
	Area 8
Recommended Expansion Area	
	Area 1
	Area 5

	Street Centerlines
	Municipality
	County Boundary
	TRM boundary
	Durham UZA
	Raleigh UZA
	Burlington-Graham MPO Boundary
	Burlington-Graham UZA
	CAMPO Boundary



**RESOLUTION TO REQUEST THE TRANSFER OF
FFY 2010 CONGESTION MITIGATION AIR QUALITY (CMAQ) AND SURFACE
TRANSPORTATION PROGRAM – DIRECT ATTRIBUTABLE (STPDA)
FUNDS FROM FHWA TO FTA
FOR THE DURHAM-CHAPEL HILL-CARRBORO URBAN AREA**

October 14, 2009

A motion was made by TAC Member _____ and seconded by TAC Member _____ for the adoption of the following resolution, and upon being put to a vote, was duly adopted.

WHEREAS, the Congestion Mitigation Air Quality (CMAQ) program provides funding for surface transportation and other related projects that contribute to air quality improvements and reduce congestion; and

WHEREAS, transit projects that are likely to increase transit ridership and reduce congestion are permitted to receive CMAQ funds; and

WHEREAS, the Durham-Chapel Hill-Carrboro Metropolitan Planning Organization (DCHC MPO) approved FFY 2010 CMAQ funds for two eligible transit projects: C-5103 (Durham- provide the 2nd year of operating assistance for hybrid expansion buses purchased in FFY 2009), and C-5104 (Chapel Hill- provide the 2nd year of operating assistance for hybrid articulated buses purchased in FFY 2009); and

WHEREAS, Surface Transportation Program – Direct Attributable (STPDA) funds are provided to the DCHC MPO for transportation projects and planning activities; and

WHEREAS, the DCHC MPO approved FFY 2010 STP-DA funds for two transit projects: TA-4726 (Chapel Hill, purchase of 5 replacement buses), and TG-4731 (Chapel Hill, purchase of bus tires)

WHEREAS, the Federal Transit Administration (FTA) administers most transit projects through the FTA's Urbanized Area Formula Grant Program; and

WHEREAS, in order for local governments to receive CMAQ and STPDA funds for transit projects, the Federal Highway Administration (FHWA) must transfer the funds to the Federal Transit Administration (FTA); and

Now, therefore, be it resolved that:

The Durham-Chapel Hill-Carrboro Transportation Advisory Committee hereby requests that the Federal Highway Administration transfer the Congestion Mitigation Air Quality (CMAQ) funds and Surface Transportation Program Direct Attributable (STP-DA) funds for FFY 2010 to the Federal Transit Administration for projects C-5103 (Durham to provide the 2nd year of operating assistance for hybrid expansion buses purchased in FFY 2009), C-5104 (Chapel Hill to provide

the 2nd year of operating assistance for hybrid articulated buses purchased in FFY 2009), TA-4726 (Chapel Hill, purchase of 5 replacement buses), and TG-4731 (Chapel Hill, purchase of bus tires) as described on the attached table as soon as it is authorized to do so.

TAC Chair

STATE of: North Carolina

COUNTY of: _____

I, _____, a Notary Public of Durham County, North Carolina do hereby certify that personally J. Michael Woodard appeared before me on the _____ day of _____ 2009, to affix his signature to the foregoing document.

Notary Public

(Seal)

My commission expires _____

TABLE: FFY 2010 STP-DA & CMAQ FUNDS THAT NEED TO BE TRANSFERRED FROM FHWA to FTA.

TIP #	PROJECTS	FFY 2010	FUNDING SOURCE
TA-4726	Chapel Hill, Purchase of 5 Replacement Buses	\$ 1,650,000	STP-DA
TG-4731	Chapel Hill, Purchase of Tires, Misc. capital expenditure	\$ 592,332	STP-DA
C-5103	Durham, Provide operating assistance for 2nd year for two hybrid electric buses purchase in FFY 2009	\$ 247,427	CMAQ
C-5104	Chapel Hill, Provide operating assistance for 2nd year for two hybrid electric buses purchase in FFY 2009	\$ 93,767	CMAQ

MEMORANDUM

TO: Technical Coordinating Committee
DCHC MPO

FROM: DCHC MPO Lead Planning Agency

DATE: September 23, 2009

SUBJECT: American Recovery and Reinvestment Act of 2009

President Obama signed the American Recovery and Reinvestment Act (ARRA) of 2009 on February 17, 2009. The legislation provides funding for transportation projects including highways, transit, rail, airports, enhancements, etc. The transportation funds are being distributed through the agencies within the U.S. Department of Transportation.

TIP Administrative Modifications and Amendments

The TAC approved FY 2009-2015 Metropolitan Transportation Improvement Program (MTIP) Administrative Modification #3 on March 11, 2009, Administrative Modification #5 on April 8, 2009, Amendment #7 on August 12, 2009, and Amendment #8 on September 9, 2009. These three modifications/amendments added ARRA funded projects to the TIP. These projects were funded using the ARRA funding provided through the Surface Transportation Program, Surface Transportation Program Direct Allocation, and Section 5307/5340 transit program. The State Board of Transportation has approved or is in the process of approving similar STIP modifications/amendments.

ARRA STP, STPDA, and 5307/5340 Projects

The table of ARRA funded projects is included in Attachment 10A. The first page lists the ARRA STP projects that have both been confirmed by NCDOT. The second page lists the ARRA STP projects that have been requested by the MPO and are not yet confirmed by NCDOT. The following pages list the STPDA, Section 5307/5340, and contingency projects.

Implementation and Tracking of Projects

The NCDOT will be managing the ARRA STP projects, local governments will be implementing the ARRA STPDA projects, and transit agencies will be implementing the ARRA Section 5307/5340 projects. The DCHC MPO will be closely monitoring and tracking the implementation of the STPDA and Section 5307/5340 projects.

The following steps will need to be taken to implement projects. All of these steps do not apply to every project. Some of these steps are already completed for many projects.

July 1, 2009 (local approval) Step 1 – Agreement Preparation and Execution

	Step 2 – Preliminary Engineering Authorization
	Step 3 – Scoping Meeting
	Step 4 – Procuring Professional Services
	Step 5 – Environmental Documentation
	Step 6 – Design
	Step 7 – Right-Of-Way Certification
September 1, 2009	Submit all above documentation to NCDOT
October 1, 2009	Step 8 – Construction Authorization
January 1, 2010	Step 9 – Procuring Construction Services
	Step 10 – Construction Administration
	Step 11 – Close Out
	Step 12 – Final Audit

The MPO's deadline for local approval of agreements for STPDA projects was July 1, 2009. All local agencies have reported to the MPO that their municipal agreements have been approved by their elected boards. The environmental documentations, design packages, and right-of-way certifications had to be submitted to NCDOT by the September 1, 2009. All documentation has been submitted for the STPDA projects. Most of the documents have also been approved by NCDOT. The table displays "sub" if the document has been submitted but not yet approved. A date is provided if NCDOT has approved it.

One STPDA project programmed by the City of Durham, the construction of sidewalks on SR 1116 (Garrett Road), has been withdrawn because the plans were not able to be developed by the deadline. The City of Durham has asked that NCDOT use the \$438,840 programmed for this project on resurfacing state-maintained roads in and around downtown Durham. City staff have submitted a list of resurfacing priorities to NCDOT staff for the use of these funds.

Reporting Requirements

The House Transportation and Infrastructure Committee has sent letters to MPOs and transit agencies regarding their oversight of the ARRA funds. The Committee will be highlighting best and worst performers among States, MPOs, and transit agencies beginning in September. As noted above, MPO and local staffs have been working with the State to ensure that locally delivered projects are obligated by the deadlines. In addition, MPO and local staffs have begun reviewing the extensive reporting requirements that will be required once projects are under contract. Any entity receiving ARRA funds directly from the Federal Government is required to provide monthly "Recipient Reports". The MPO has assumed the responsibility of ensuring the reporting and audit requirements are met. In order to meet the intent of ARRA, the reporting must be submitted on schedule each month "to preserve transparency and provide real time reporting information" the FHWA.

ARRA TIGGER Funding

The Federal Transit Administration is administering a \$100 million discretionary grant program called Transit Investments for Greenhouse Gas and Energy Reduction (TIGGER) through the ARRA. The DCHC MPO's transit operators developed a joint application for these funds

described in the following table. The minimum grant award is \$2 million and the deadline for applying was May 22, 2009. If a grant is approved, the DCHC MPO will need to amend the MTIP to include these projects. FTA reported that it received requests for \$1.87 billion through the TIGGER program, and only \$100 million is available. Grants are expected to be announced by September 30, 2009.

Operator	Description	Unit Cost	Total Cost
DATA	5 hybrid electric gasoline light transit vehicles	\$120,000 each	\$600,000
CHT	6 40' hybrid electric buses	\$543,600 each	\$3,261,600
CHT	5 hybrid electric gasoline support vehicles	\$29,500 each	\$147,500
TTA	3 propane light transit vehicles	\$96,000 each	\$288,000
TTA	1 propane truck	\$45,500 each	\$45,500
		TOTAL	\$4,342,600

ARRA High Speed Rail Funding

The Federal Rail Administration is administering an \$8 billion discretionary grant program to provide capital assistance for high speed rail corridors and intercity passenger rail corridors. The NCDOT has submitted several grant applications totaling more than \$4 billion, many of which include improvements in the DCHC MPO area. The applications are:

- Piedmont Corridor Service 4th Frequency – includes track improvements in Durham County and grade separation at Hopson Road
- Piedmont Corridor Service 5th Frequency – includes track improvements in Orange County and grade separation at Buckhorn Road and NC 10
- Planned Frequencies to Build-out – includes track improvements in Durham County and grade separation of Glover Road and Ellis Road (south)
- Station Improvements – includes new Hillsborough train station
- Other Speed and Safety Improvements – includes track improvements in Durham County and Orange County and grade separation at Ellis Road (north)
- Southeast High Speed Rail Corridor Raleigh to Richmond
- Congestion Mitigation
- Western and Southeastern Intercity Passenger Service Expansions

In August, the TAC approved a resolution of support for NCDOT's ARRA high speed rail applications.

ARRA TIGER Funding

The Federal Highway Administration is administering a \$1.5 billion discretionary grant program called Transportation Investments Generating Economic Recovery (TIGER) through the ARRA. Eligible applicants include both state and local governments. Eligible projects include capital investments in: (1) highway or bridge projects; (2) public transportation projects; (3) passenger and freight rail transportation projects; and (4) port infrastructure investments, including projects that connect ports to other modes of transportation and improve the efficiency of freight movement. The grants can range from \$20 million to \$300 million. However, FHWA will consider waiving the minimum grant size requirement. A maximum of 20 percent of the

funding, or \$300 million, can go to projects in any one state. The deadline was September 15, 2009. Unlike other ARRA funding sources, these TIGER grants are not subject to North Carolina's equity formula for distribution of transportation funding.

The NCDOT submitted an application for \$300 million for replacement of the I-85 Yadkin River bridge in Rowan and Davidson Counties. The City of Durham submitted an application for \$68.7 million for five neighborhood commercial streetscape projects. In September, the TAC approved a resolution of support for NCDOT and the City of Durham's ARRA TIGER applications.

Schedule

Action	Date
TAC discuss process for ARRA funding TAC approval of MTIP administrative modification #3 for first wave of stimulus projects TAC approval of Section 5307/5340 funding split.	March 11, 2009
TAC approval of 2009-2015 MTIP administrative modification #5 for second wave of stimulus projects, STPDA projects, and Section 5307/5340 projects (and contingency projects).	April 8, 2009
ARRA TIGER applications due	May 22, 2009
50% of STP funds must be obligated	June 30, 2009
Applications for Section 5307/5340 grants must be submitted Agreements for STPDA projects must be approved by local governments	July 1, 2009
TAC approval of 2009-2015 MTIP amendment #7 for ARRA projects. TAC endorsement of ARRA High Speed Rail applications	August 12, 2009
50% of Section 5307/5340 funds must be obligated	September 1, 2009
Local governments submit STPDA project information to NCDOT	September 1, 2009
TAC approval of 2009-2015 MTIP amendment #8 for ARRA projects. TAC endorsement of ARRA TIGER Grant applications	September 9, 2009
ARRA TIGER applications due	September 15, 2009
Highway/Bicycle/Pedestrian projects – construction authorization from FHWA	October 1, 2009
Transit projects - grant awarded in FTA system Highway/Bicycle/Pedestrian projects – contract awarded	January 1, 2010
100% of all STP and STPDA funds must be obligated	March 2, 2010
100% of all Section 5307/5340 funds must be obligated	March 5, 2010
Unobligated funds are redistributed to states	March 2010

American Recovery and Reinvestment Act
Confirmed STP - Funded - Managed by NCDOT

TIP #	Location	Description	Confirmed, STIP Status	Construction Authorization	Procuring Construction Services	Total ARRA STP	Other Funding	Total Project Funds
		<u>DIVISION 5</u>						
I-5116	Durham Wake - I-540	I-40 to US 70 (4.00 miles) Mill, Resurface	Confirmed 2/09, STIP 3/09	Complete	5/29/2009	\$2,569,522		\$2,569,522
U-5122	Durham - NC 98	SR 1838 (Junction Road) to SR 1811 (Sherron Road) (3.80 miles) Mill, Resurface	Confirmed 2/09, STIP 3/09	Complete	6/16/2009	\$832,825		\$832,825
R-5135	Durham - SR 1004 (Old Oxford Road)	US 501 Business (N. Roxboro Street) to Granville County Line (10.10 miles) Mill, Resurface	Confirmed 2/09, STIP 3/09	Complete	6/16/2009	\$2,136,170		\$2,136,170
U-5127	Durham - SR 1321 (Hilldendale/Fulton)	I-85 to SR 1320 (Erwin Road) (1.32 miles) Mill, Resurface	Confirmed 2/09, STIP 4/09	Complete	6/16/2009	\$385,312		\$385,312
U-5124	Durham - SR 1978 (Old Page Road)	SR 1926 (Angier Avenue) to SR 2095 (Page Road Extension) (0.99 miles) Mill, Resurface	Confirmed 2/09, STIP 4/09	Complete	6/16/2009	\$151,498		\$151,498
U-5126	Durham - US 501 Bypass (Duke Street)	SR 1443 (Horton Road) to Hudson Street (1.90 miles) Mill, Resurface	Confirmed 2/09, STIP 4/09	Complete	6/16/2009	\$647,878		\$647,878
R-2000AF	Durham - I-540 and I-40	Interchange improvements	Confirmed 4/09, in STIP			\$5,700,000		\$5,700,000
U-5142	Durham	Installation of LED Traffic Signals on the City-maintained system (cost proposed to be shared by the State and City)	Confirmed 6/09, STIP 5/09			\$676,544	\$128,866	\$805,410
U-5143	Durham - NC 55 and SR 1171 (Riddle Road)	Installation of turn lanes	Confirmed 6/09, STIP 5/09			\$310,000		\$310,000
		Total				\$13,409,749		
		<u>DIVISION 7</u>						
U-4704	Chapel Hill Durham Orange	Signal System Upgrade	Confirmed 4/09, in STIP			\$5,250,000		\$5,250,000
U-3100B	Carrboro	SR 1107 (Old Fayetteville Road), NC 54 to SR 1106 (Stroud Lane), Provide bicycle and pedestrian facilities, and transit accommodations	Confirmed 4/09, STIP 5/09			\$1,800,000		\$1,800,000
R-5178	Orange - NC 57	NC 86 to SR 1544 (Pearson Road) Widen 2-foot paved shoulders and resurface	Confirmed 5/09			\$2,000,000		\$2,000,000
B-5191A	Orange	Bridge expansion joint repairs	Confirmed 6/09, STIP 5/09			\$40,000		\$40,000
I-5138	Orange, I-85	Bridge over SR 1006 (Orange Grove Rd.), Mill, Resurface, and Overlay with Open Graded Friction Course	Confirmed 8/09, in STIP			\$2,000,000		\$2,000,000
		Total				\$11,090,000		
		<u>DIVISION 8</u>						
SF-4908I	Chatham - NC 751 and SR 1731 (O'Kelly Chapel Road)	Install signal and left-turn lanes	Confirmed 4/09, in STIP			\$486,000		\$486,000
		Total				\$486,000		

American Recovery and Reinvestment Act
STP Request Table - Unfunded - Managed by NCDOT

TIP #	Location	Description	Confirmed By Governor, STIP Status	Construction Authorization 10/1/2009	Procuring Construction Services 1/1/2010	Total ARRA STP	Other Funding	Total Project Funds
		DIVISION 5						
U-5164	Durham	Resurfacing, multiple locations	\$3,000,000 in 5/09 STIP addition			\$7,097,000		\$7,097,000
U-5146	Durham	Traffic signal upgrades on the City-maintained system (cost proposed to be shared by the State and City)	\$350,000 in 5/09 STIP addition			\$304,950	\$128,847	\$433,797
X-XXXX	Durham - SR 1670 (Geer Street) and SR 1357 (Avondale Drive)	Installation of roundabout				\$570,000		\$570,000
U-5147	Durham	ITS - installation of cameras at 11 locations	\$275,000 in 5/09 STIP addition			\$275,000		\$275,000
		Total				\$8,246,950		
		DIVISION 7						
X-XXXX	Chapel Hill	Improvements to South Columbia St between Cameron Ave and Franklin St (NC 86 Route)				\$250,000		\$250,000
U-4726	Chapel Hill	Install ADA Ramps to conform to the revised ADA standards				\$150,000		\$150,000
X-XXXX	Chapel Hill	Replace deteriorated curb/gutter at several locations on State roads; Franklin St, Raleigh Rd, South Rd, NC 86				\$100,000		\$100,000
X-XXXX	Chapel Hill	Bus stop and street improvements on Raleigh Rd (NC 54), South Rd, and Pittsboro St (NC 86)				\$82,000		\$82,000
R-5178	Orange	Resurfacing, multiple locations	\$1,000,000 in 6/09 STIP addition			\$2,935,000		\$2,935,000
R-5200	Orange, NC 86	SR 1730 (Whitfield Road) to Railroad Bridge south of SR 1710, Orange County. Widen for 2 foot paved shoulders on both sides.				\$950,000		\$950,000
		Total				\$4,467,000		
		DIVISION 8						
R-XXXX	Chatham	Resurfacing, multiple locations				\$1,500,000		\$1,500,000
		Total				\$1,500,000		

American Recovery and Reinvestment Act
STP Request Table - Unfunded - Managed by NCDOT

Durham Resurfacing List

TIP #	Location	Description	Confirmed In STIP	Construction Authorization 10/1/2009	Procuring Construction Services 1/1/2010	Total Federal	Other Funding	Total Project Funds
	US 15-501 Business South (Mangum Street)	Milling and Resurfacing, Lakewood to Roxboro				\$480,000		
	US 15-501 Business North (Roxboro Street)	Milling and Resurfacing, Lakewood to I-85				\$560,000		
	SR 1127 (West Chapel Hill Street)	Milling and Resurfacing, Great Jones to Kent				\$160,000		
	US 15-501 Business (Lakewood Ave / University Drive)	Milling and Resurfacing, Roxboro to Academy				\$550,000		
	US 70 Business (Main Street)	Milling and Resurfacing, Erwin/9th Street to Morgan St.				\$215,000		
	NC 55 (Avondale Drive)	Resurfacing, I-85 to Geer Street				\$150,000		
	SR 2028 (T.W. Alexander Drive)	Milling and Resurfacing, NC 54 to Cornwallis Rd				\$235,000		
	SR 2295 (Archdale / S. Roxboro)	Milling and Resurfacing, MLK Jr Parkway to Summit St.				\$310,000		
	SR 1959 (South Miami Blvd.)	Milling and Resurfacing, NC 54 to Cornwallis Rd.				\$623,000		
	SR 1404 (Rose of Sharon Rd.)	Milling and Resurfacing, Cole Mill Rd. to Guess Rd.				\$380,000		
	SR 1615 (Quail Roost Rd.)	Milling and Resurfacing, Bahama Rd. to US 501				\$372,000		
	SR 1815 (Stagville Rd.)	Milling and Resurfacing, Old Oxford Hwy. to Bahama Rd.				\$567,000		
	SR 1928 (Angier Ave.)	Milling and Resurfacing, Pleasant Dr. to US 70				\$545,000		
	SR 1118 (Fayetteville Rd.)	Milling and Resurfacing, NC 751 to Herndon Rd.				\$419,000		
	SR 1407 (Carver St.)	Milling and Resurfacing, Rose of Sharon Rd. to N. Roxboro St.				\$516,000		
	SR 1380 (Morgan St.)	Milling and Resurfacing, Mangum St. to Foster St.				\$60,000		
	NC 98 (Holloway St.)	Milling and Resurfacing, Miami Blvd. to N. Roxboro St.				\$280,000		
	SR 1670 (Geer St.)	Milling and Resurfacing, Mangum St. to Cheek Rd.				\$175,000		
	SR 1945 (Alston Ave.)	Milling and Resurfacing, NC 55 to Cornwallis Rd.				\$500,000		
						\$7,097,000		

Orange Resurfacing List

TIP #	Location	Description	Confirmed In STIP	Construction Authorization 10/1/2009	Procuring Construction Services 1/1/2010	Total Federal	Other Funding	Total Project Funds
	Orange	Resurfacing NC 86 (US 70 Business to Whitfield Road)				\$2,393,000		\$2,393,000
	Orange	Resurfacing NC 86 (US 70 Bypass to Coleman Loop)				\$542,000		\$542,000
						\$2,935,000		

**American Recovery and Reinvestment Act
STPDA Table - Funded - Managed Locally**

TIP #	Location	Description	1. Agreement Approved Locally 7/1/2009	1. Agreement Executed by NCDOT	2. Preliminary Engineering Authorization	3. Scoping Meeting	4. Procuring Professional Services	5. Environmental Documentation	6. Design (PS&E)	7. Right-of-Way Certification	8. Construction Authorization 10/1/2009	9. Procuring Construction Services 1/1/2010	Total ARRA STPDA	Other Funding	Total Project Funds
		TOTAL AVAILABLE	Type date that step was completed or n/a										\$ 7,889,430		
		CITY OF DURHAM											\$4,309,579		
ER-5100EA	Durham	Duke and Gregson Urban Forestry and Landscaping	6/15/2009	7/27/2009	n/a	n/a	n/a	8/11/2009	sub.	8/20/2009			\$75,900		\$75,900
U-4726HA	SR 1666 (Dearborn Drive)	Sidewalk Construction (Old Oxford to Ruth)	6/15/2009	7/16/2009	n/a	n/a	n/a	9/3/2009	9/10/2009	9/8/2009			\$388,755		\$388,755
U-4726HB	NC 751 (Hope Valley Road)	Sidewalk Construction (NC 54 to Swarthmore)	6/15/2009	7/14/2009	n/a	n/a	n/a	9/3/2009	9/10/2009	8/28/2009			\$77,274		\$77,274
U-4726HC	SR 1116 (Garrett Road)	Sidewalk Construction (NC 751 to Swarthmore)	6/15/2009	7/16/2009	n/a	n/a	n/a						\$438,840		\$438,840
U-4726HD	SR 1321 (Hillandale Road E/S)	Sidewalk Construction (Cammie to Peppertree)	6/15/2009	7/16/2009	n/a	n/a	n/a	9/3/2009	9/10/2009	9/1/2009			\$500,000		\$500,000
U-4726HE	US 70 Bus (Hillsborough Rd S/S) and Markham Street	Sidewalk Construction (15-501 Bypass to Broad Street)	6/15/2009	7/16/2009	n/a	n/a	n/a	9/2/2009	9/10/2009	9/4/2009			\$477,500		\$477,500
U-4726HF	Washington St W/S	Sidewalk Construction (Trinity to Glendale)	6/15/2009	7/14/2009	n/a	n/a	n/a	9/3/2009	9/10/2009	9/2/2009			\$345,000		\$345,000
U-4726HG	SR 1183 (University Drive N/S)	Sidewalk Construction (Chapel Hill Rd to Chapel Hill Rd)	6/15/2009	7/16/2009	n/a	n/a	n/a	9/3/2009	9/10/2009	9/2/2009			\$505,000		\$505,000
U-4726HI	Durham - North-South Trail	Resurfacing the North-South Greenway Trail from Lavender to Murray	6/15/2009	7/14/2009	n/a	n/a	n/a	8/28/2009	9/10/2009	8/21/2009			\$128,847		\$128,847
U-4726HJ	Durham - American Tobacco Trail	Resurfacing Riddle Road Spur	6/15/2009	7/16/2009	n/a	n/a	n/a	8/28/2009	9/10/2009	8/27/2009			\$55,230		\$55,230
U-4726HK	Durham - American Tobacco Trail	Resurfacing from Morehead to Southpoint Crossing	6/15/2009	7/16/2009	n/a	n/a	n/a	8/28/2009	9/10/2009	8/27/2009			\$228,450		\$228,450
U-5142	Durham	Installation of LED Traffic Signals on the City-maintained system (cost proposed to be shared by the State and City) - Managed by NCDOT	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a			\$128,866	\$676,544	\$805,410
U-5146	Durham	Traffic signal upgrades on the City-maintained system (cost proposed to be shared by the State and City)	6/15/2009	7/16/2009	n/a	n/a	n/a	9/2/2009	sub.	8/26/2009			\$179,918		\$179,918
U-5148	Durham - Northpointe Drive	Installation of traffic signal	6/15/2009	7/14/2009	n/a	n/a	n/a	8/11/2009	sub.	8/26/2009			\$200,000		\$200,000
U-5149A	Durham - Renaissance Parkway	Installation of traffic signal	6/15/2009	7/17/2009	n/a	n/a	n/a	8/11/2009	sub.	8/26/2009			\$200,000		\$200,000
U-5149B	Durham - Renaissance Pkwy	Installation of a traffic signal at American Tobacco Trail crossing	6/15/2009	7/17/2009	n/a	n/a	n/a	8/11/2009	sub.	8/26/2009			\$100,000		\$100,000
U-5150	Durham - William Penn and Ben Franklin	Installation of traffic signal	6/15/2009	7/16/2009	n/a	n/a	n/a	8/11/2009	sub.	8/26/2009			\$200,000		\$200,000
U-5151	Durham - Miami Blvd. and Geer St.	Intersection reconstruction	6/15/2009	7/16/2009	n/a	n/a	n/a	8/28/2009	9/10/2009	8/26/2009			\$80,000		\$80,000
		City of Durham Uncommitted Balance											(\$0)		

American Recovery and Reinvestment Act
STPDA Table - Funded - Managed Locally

TIP #	Location	Description	1. Agreement Approved Locally 7/1/2009	1. Agreement Executed by NCDOT	2. Preliminary Engineering Authorization	3. Scoping Meeting	4. Procuring Professional Services	5. Environmental Documentation	6. Design (PS&E)	7. Right-of-Way Certification	8. Construction Authorization 10/1/2009	9. Procuring Construction Services 1/1/2010	Total ARRA STPDA	Other Funding	Total Project Funds
		TOWN OF CHAPEL HILL											\$1,171,563		
EL-4601	Chapel Hill	Morgan Creek Greenway, Phase I	6/22/2009	7/21/2009	4/10/2003	n/a	2003	5/6/2009	sub.	6/8/2009			\$300,000	\$800,000	\$1,100,000
		Installation of bicycle detection loops as part of the Signal System Upgrade Project - Managed by NCDOT	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a			\$175,000		\$175,000
U-4704	Signal System	ADA Ramps at selected locations	6/22/2009	7/16/2009	n/a	n/a	n/a	8/28/2009	sub.	8/28/2009			\$50,000		\$50,000
U-4726IA	Chapel Hill	Raised Crosswalks/Traffic Calming	6/22/2009	7/16/2009	n/a	n/a	n/a	8/28/2009	sub.	8/28/2009			\$50,000		\$50,000
U-4726IB	Chapel Hill	Martin Luther King Jr. Blvd: Pedestrian Safety Improvements	6/22/2009	7/16/2009	7/29/2009	7/30/2009	7/30/2009	8/28/2009	sub.	8/28/2009			\$350,000		\$350,000
U-4726IC	NC 86	Installation of in-street pedestrian lighting @ three locations	6/22/2009	7/16/2009	n/a	n/a	n/a	8/28/2009	sub.	8/28/2009			\$61,563		\$61,563
U-4726ID	Chapel Hill	Sidewalk Construction: Fordham Blvd, Manning Dr. to Old Mason Farm	6/22/2009	7/16/2009	n/a	n/a	n/a	8/28/2009	sub.	8/28/2009			\$185,000		\$185,000
U-4726IE	US 15-501, NC 54														
		Town of Chapel Hill Uncommitted Balance											(\$0)		
		TOWN OF CARRBORO											\$403,596		
U-4726DA	Ashe Street	Sidewalk on one side from Weaver Street to Shelton	6/16/2009	7/2/2009	n/a	7/16/2009	n/a	7/22/2009	9/3/2009	7/27/2009			\$155,200		\$155,200
U-4726DB	Bim Street	Sidewalk on one side from Jones Ferry to Fidelity	6/16/2009	7/2/2009	n/a	7/16/2009	n/a	7/22/2009	9/3/2009	7/27/2009			\$200,100		\$200,100
EL-5103	Carrboro	Bus shelter and shelter materials	6/16/2009	7/14/2009	7/31/2009	n/a	n/a	8/20/2009	sub.	8/28/2009			\$48,296		\$48,296
		Town of Carrboro Uncommitted Balance											(\$0)		
		TOWN OF HILLSBOROUGH											\$319,459		
U-4726JA	Hillsborough	Nash Street Sidewalk	7/13/2009	7/24/2009	n/a	5/13/2009 and 7/16/2009	n/a	9/2/2009	sub.	sub.			\$319,459	\$880,541	\$1,200,000
		Town of Hillsborough Uncommitted Balance											\$0		

American Recovery and Reinvestment Act
STPDA Table - Funded - Managed Locally

TIP #	Location	Description	1. Agreement Approved Locally 7/1/2009	1. Agreement Executed by NCDOT	2. Preliminary Engineering Authorization	3. Scoping Meeting	4. Procuring Professional Services	5. Environmental Documentation	6. Design (PS&E)	7. Right-of-Way Certification	8. Construction Authorization 10/1/2009	9. Procuring Construction Services 1/1/2010	Total ARRA STPDA	Other Funding	Total Project Funds
		DURHAM COUNTY											\$827,321		
U-4726HH	Durham - Third Fork Creek Trail	Third Fork Creek Trail from Woodcroft Parkway to Garrett Road; Third Fork Creek Trail from MLK to Southern Boundaries Park; Third Fork Creek Trail MLK connector	6/15/2009	7/14/2009	n/a	n/a	n/a	9/2/2009	sub.	9/1/2009			\$827,000		\$827,000
		Durham County Uncommitted Balance											\$321		
		ORANGE COUNTY											\$612,657		
TA-5117	OPT	Two (2) 28' light transit vehicles w/wheelchair lift: 1 replacement; 1 expansion for CMAQ Project C-4932, service to start Sept. 2009	Funds to be flexed to FTA	n/a	n/a	n/a	n/a	n/a	n/a	n/a			\$183,200		\$183,200
U-4726GA	Carboro-Orange County	Twin Creeks Park Greenway (linear park): 10' multiuse asphalt trail including bridge over Jones Creek	6/16/2009	7/16/2009	n/a	7/8/2009	n/a	9/2/2009	sub.	8/12/2009			\$429,457	\$470,543	\$900,000
		Orange County Uncommitted Balance											(\$0)		
		CHATHAM COUNTY											\$245,255		
U-4726FA	Chatham - US 15-501	Pedestrian Facilities on East and/or West side of US 15-501 in Cole Park area north to county line - using existing curb and gutter, serving existing commercial and UNC Park and Ride Lot	6/15/2009	6/23/2009	7/14/2009	6/17/2009	8/6/2009	8/8/2009	9/1/2009	9/1/2009			\$220,000		\$220,000
ER-5100HA	Chatham - US 15-501	Streetscaping/landscaping along US 15-501	6/15/2009	6/23/2009	7/14/2009	6/17/2009	8/6/2009	8/8/2009	9/1/2009	9/1/2009			\$25,255		\$25,255
		Chatham County Uncommitted Balance											\$0		
		Uncommitted Balance											\$320		

American Recovery and Reinvestment Act
Section 5307/5340 Table - Funded - Managed by Transit Agencies

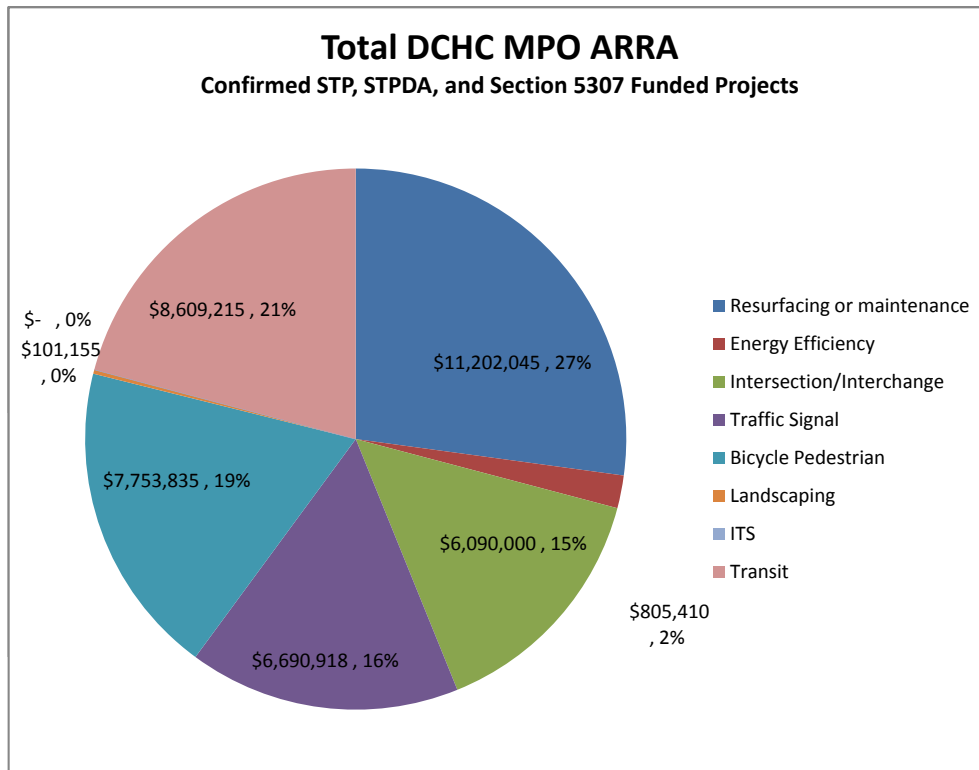
TIP #	Location	Description	Grant filed in TEAM 7/1/2009	Grant approved	Total Federal	Other Funding	Total Project Funds
		<u>TOTAL AVAILABLE</u>			\$ 8,377,719		
		<u>DATA</u>			\$4,257,465		
TG-4738	Durham	FY 2009 Fixed Route Preventative Maintenance	5/19/2009	7/20/2009	\$500,000		\$500,000
TR-4931	Durham	FY 2009 Paratransit Preventative Maintenance	5/19/2009	7/20/2009	\$500,000		\$500,000
TG-4738	Durham	FY 2010 Fixed Route Preventative Maintenance	5/19/2009	7/20/2009	\$500,000		\$500,000
TR-4931	Durham	FY 2010 Paratransit Preventative Maintenance	5/19/2009	7/20/2009	\$500,000		\$500,000
TA-5019	Durham	15 Paratransit Replacement Vans	5/19/2009	7/20/2009	\$707,790		\$707,790
TA-5108	Durham	9 Paratransit Expansion Vans	5/19/2009	7/20/2009	\$424,675		\$424,675
		Logistical Enhancement - Real Time Bus					
TT-4911	Durham	Arrival/AVL/GPS for all vehicles	5/19/2009	7/20/2009	\$600,000		\$600,000
TG-4958	Durham	Passenger Amenities - 20 Bus Shelters, 20 Solar	5/19/2009	7/20/2009	\$230,000		\$230,000
TG-4738	Durham	Lights, 20 Benches and Trashcans	5/19/2009	7/20/2009	\$235,000		\$235,000
		30 Bus Repaint@7,850k each					
TG-4958	Durham	1,200 Sq. ft Storage Shed for Passenger Amenities	5/19/2009	7/20/2009	\$60,000		\$60,000
		<u>DATA Uncommitted Balance</u>			\$0		
		<u>CHT</u>			\$2,714,867		
TA-4748	Chapel Hill	8 Paratransit Replacement Vans	5/4/2009	7/10/2009	\$520,000		\$520,000
TA-4726	Chapel Hill	2 Hybrid Replacement Buses	5/4/2009	7/10/2009	\$1,072,851		\$1,072,851
TG-4731	Chapel Hill	FY 2009 Preventative Maintenance	5/4/2009	7/10/2009	\$500,000		\$500,000
TG-4731	Chapel Hill	FY 2010 Preventative Maintenance	5/4/2009	7/10/2009	\$500,000		\$500,000
TG-4732	Chapel Hill	1 Service Truck Replacement	5/4/2009	7/10/2009	\$45,000		\$45,000
TT-5104	Chapel Hill	Computer Technology/Hardware	5/4/2009	7/10/2009	\$49,867		\$49,867
TG-4731	Chapel Hill	Bus Stop Shelters, Lighting & other Enhancements	5/4/2009	7/10/2009	\$27,149		\$27,149
		<u>CHT Uncommitted Balance</u>			\$0		
		<u>TRIANGLE TRANSIT</u>			\$1,405,387		
TA-4993	Triangle Transit	Paratransit fleet expansion	5/29/2009	7/20/2009	\$75,000	\$75,000	\$150,000
TT-4911	Triangle Transit	ITS Project - Real Time Passenger Information	5/29/2009	7/20/2009	\$398,467	\$212,432	\$610,899
TA-4818	Triangle Transit	Replacement Buses	5/29/2009	7/20/2009	\$917,500	\$917,500	\$1,835,000
TG-4821	Triangle Transit	Passenger Amenities	5/29/2009	7/20/2009	\$14,420	\$13,390	\$27,810
		<u>TT Uncommitted Balance</u>			\$0		
		Uncommitted Balance			\$0		

American Recovery and Reinvestment Act
Contingency Projects Table - Unfunded

TIP #	Location	Description	Total Federal	Other Funding	Total Project Funds
		TOTAL AVAILABLE	\$ -		
		<u>City of Durham/Durham County</u>			
U-5164	Durham, Durham County	Resurfacing, multiple locations	\$7,097,000		\$7,097,000
TA-4923	Durham - DATA	4 Hybrid Replacement Buses	\$2,200,000		\$2,200,000
		<i>Durham County Projects</i>	<i>\$9,297,000</i>		
		<u>Town of Chapel Hill</u>			
X-XXXX	Chapel Hill	Improvements to South Columbia St between Cameron Ave and Franklin St (NC 86 Route)	\$250,000		\$250,000
T-XXXX	Chapel Hill - CHT	Radio System Study and Upgrade	\$500,000		\$500,000
TA-4748	Chapel Hill - CHT	2 Paratransit Replacement Vehicles	\$130,000		\$130,000
TG-4732	Chapel Hill - CHT	15 Replacement Support Vehicles	\$396,000		\$396,000
TA-4726	Chapel Hill - CHT	6 Replacement 40' HB Diesel Buses	\$3,300,000		\$3,300,000
T-XXXX	Chapel Hill - CHT	Bus Storage Expansion	\$1,500,000		\$1,500,000
		<i>Chapel Hill Projects</i>	<i>\$6,076,000</i>		
		<u>Chatham County</u>			
R-XXXX	Chatham County	Resurfacing, multiple locations	\$1,500,000		\$1,500,000
		<i>Chatham County Projects</i>	<i>\$1,500,000</i>		
		<u>Town of Hillsborough/Town of Carrboro/Orange County</u>			
R-5178	Hillsborough, Carrboro, Orange County	Resurfacing, multiple locations	\$2,935,000		\$2,935,000
		<i>Orange County Projects</i>	<i>\$2,935,000</i>		
		<u>Triangle Transit</u>			
TT-4911	Triangle Transit	ITS Project - Real Time Passenger Information	\$44,551	\$44,551	\$89,101
TA-4818	Triangle Transit	Replacement Buses	\$1,972,500	\$1,972,500	\$3,945,000
TG-4821	Triangle Transit	Passenger Amenities	\$1,083,314	\$1,083,314	\$2,166,628
		<i>Triangle Transit Projects</i>	<i>\$3,100,365</i>		
		Total	\$22,908,365		

Confirmed ARRA STP, STPDA, and Section 5307 Funded Projects

Resurfacing or maintenance	\$	11,202,045
Energy Efficiency	\$	805,410
Intersection/Interchange	\$	6,090,000
Traffic Signal	\$	6,690,918
Bicycle Pedestrian	\$	7,753,835
Landscaping	\$	101,155
ITS	\$	-
Transit	\$	8,609,215
Total	\$	41,252,578



MEMORANDUM

To: Transportation Advisory Committee (TAC)
DCHC MPO

From: DCHC MPO Lead Planning Agency

Date: September 9, 2009

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

This memorandum provides a summary status of tasks for projects in the FY 2009-2010 Unified Planning Work Program.

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

2009-2010 Unified Planning Work Program (UPWP) – Projects

Comprehensive Transportation Plan (CTP)

- Draft CTP
- Public Input
- Recommended CTP
- Adopted CTP
- 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/Mar 2010
- Transportation/Land Use Master Plan – June 2010

- Public Workshop #3 – Spring 2010
- Documentation and Final Presentation – June 2010
- Study completion – June 2010

Commercial Vehicle/Freight Survey

- ✓ Project underway

GIS/Data Integration and Automation

- ✓ Phase I in progress
- ✓ Initial Kick off meeting and scan completed
- ✓ Initiation Workshop report completed
- ✓ Draft Requirement Assessment & Application Development Report - October 2008
- ✓ Needs Assessment Workshop
- ✓ Final Draft Needs Assessment Report
- Application Development Plan – Sept 09
- Application Plan/Algorithm for CMP – complete
- Application Plan/Algorithm for LRTP Tool – Oct 2009
- Application Plan/Algorithm for SE Data Tool – Oct 2009
- Supporting Hardware/Software Recommendation – complete
- Functional capability for TELUDE – Nov 2009
- Database Design – Nov 2009
- Database Design Document – Nov 2009
- Strategic Planning Document – Nov 2009
- TELUDE User's Handbook v1 – Dec 2009
- Hands-on Training – January 2010
- TELUDE Test and Evaluation Manual – Mar 2010
- Project Completion – Apr 2010

Land-use Model Development

- ✓ Multi-year project in progress
- ✓ Review of existing data and need/requirement analysis completed
- ✓ Land use data collection completed
- ✓ Development of Model specification Completed
- ✓ Model architecture and design completed
- Zone level model for Triangle Region v1
- Database completion – Aug 09
- Initial model estimation – Sept 09
- Initial calibration – Oct 09
- 2035 model run – Nov 09
- Installation and documentation – Dec 09
- Parcel level model for DCHC
- Initial database – Jan 2010
- Initial model estimation – Jan 2010
- Initial calibration – Feb 2010
- 2035 model run – Mar 2010

- Installation and documentation – Mar 2010

Non-Motorized Model Development

- ✓ Phase 1 completed.
- ✓ Phase 2 underway
- Update and enhancement of Generation Choice Models – Sept 2009
- Revision and revalidation of Destination choice models – Mar 2010
- Development of improved Model Choice model – Dec 2009
- Prepare and implement new TransCAD routines to implement new models – Apr 2010
- Documentation, User's manual, and training – Jun 2010
- Project completion date anticipated in July 2010

ITS Deployment Plan

- Two Triangle regional stakeholder coordination meetings held.
- ✓ Update of ITS short range strategies for the 2007-2013 TIP.
- ✓ Update of 2007-2010 ITS project – December 2006
- ✓ Request for funding from NCDOT
- ✓ Draft scope of services and Request for Proposals.
- ✓ Consultant selection in spring of 2008
- Notice to proceed in January 2009
- Scan of Best practices
- ITS Vision and goals
- Gap Assessment
- Development of ITS Architecture
- Development of ITS Cost Estimates and Cost database
- Development of Maintenance Plan
- Development of IDAS Model
- Integration & Streamlining of ITS with Transportation Planning.
- Strategic Deployment Plan
- Project Management
- Final Reports
- Completion of Project expected in winter of 2010.

MPO Collector Street Plan

- ✓ Supplemental Agreement with Kimley Horn and Associates
- ✓ Data collection underway
- ✓ Coordination with partner agencies to classify roads and identify collector streets
- Public review (possibly with Comprehensive Transportation Plan)
- Completion of study and integration with related plans and review processes

MPO Expansion for the next LRTP Update

- ✓ Initiated dialogue with Person County, Granville County, Butner, Roxboro and Pittsboro – July 2006
- ✓ Met with governing bodies of these jurisdictions – September 2006

- MPO expansion and revision of MOU expected to be completed after the 2035 LRTP update.

Public Outreach for the East End Connector Planning and Environmental Study

- ✓ LPA working on the Public Involvement and Outreach Program for the East End Connector Planning and Environmental Study (NEPA).
- ✓ Development of mailing list database complete.
- ✓ Received project schedule and time line from NCDOT.
- ✓ Newsletter distributed May 2006
- ✓ Speakers Bureau presentations June 2006 – ongoing
- ✓ First public meeting September 26, 2006
- ✓ Second public meeting – January 30, 2007
- ✓ Alternative 3 selected as LEDPA – June 19, 2007
- ✓ Ad Hoc Committee Meetings – August 9, 2007, August 27, 2007, September 19, 2007, October 10, 2007, November 7, 2007, December 5, 2007
- ✓ Third public meeting December 10, 2007, Orange Grove Missionary Baptist Church
- Environmental Study expected completion - fall 2009

Farrington Road/Stagecoach Road Corridor Study

- ✓ This study involved the following tasks:
 1. Data collection and analysis
 2. Traffic circulation plan (including a collector street system plan)
 3. Sub-area modeling analysis and forecast of future demand
 4. Alternative evaluation
 5. Recommendation
- ✓ Kimley Horn and Associates is the consultant
- ✓ Data collection underway
- ✓ Steering Committee proposed
- ✓ Completion of study expected in January
- ✓ Integration in the 2035 LRTP
- ✓ Draft report complete
- Presentation to TAC – fall 2009

MPO Parking Survey and Study (postponed to FY 2011)

- Parking model specification
- Regional Coordination and planning
- Draft scope of services
- Request for Proposal notice
- Consultant selection
- Council contract approval
- Project commences

ACTIVE NCDOT PROJECTS LOCATED IN ORANGE COUNTY - DCHC MPO

County	WBS #	Route	Location Description	Amount	Status
Orange	36945	SR 1010 (Franklin St.) @ Mallette St.	Upgrade traffic signal and install pedestrian signal heads REVISION: Install mast arm	\$110,000.00	Bid opening cancelled
Orange	39276 MA07120R	SR 1942 (Jones Ferry Rd.) from SR 1140 (Wilson Rd.) to Chatham Co.	Widen existing pavement to 22' with a 1' paved shoulder on each side and resurface. Finished pavement width will be 24'.	\$800,000	Combine NCMA funds with resurfacing funding; Spending Authority for '09- '10
Orange	41593 U-4726 JA	Union Street	Construct 750 feet of sidewalk and a crosswalk to connect Hillsborough Elementary School to SR 1156 (Nash St.)	\$32,000 (Statewide Contingency) ; Total project = +/- \$1,000,000	Town to include as part of STP-DA ARRA sidewalk project ; review of plans and proposal underway-M.A. complete
Orange	42040	SR 1006 (Orange Grove Rd.) 0.3 mi. south of SR 1177 (Orange Grove- Calvander Rd.)	Install guardrail at the culvert	\$24,000	Installation by 10/3/09 pending utility relocation; given Spending Authority '09-'10
Orange	42486	SR 1008 (Mt. Carmel Ch. Rd.) @ SR 1913 (Bennett Rd.)	Install solar powered flashers at both approaches to the intersection	\$10,000	FA const. given Spending Authority '09-'10; equipment ordered
Orange	42501	US 15/501/NC54 (Fordham Blvd.) at SR 1900 (Old Mason Farm Rd.)	Construct bus pulloffs on both sides	\$140,000	FA const. given Spending Authority '09-'10
Orange	42502	SR 1010 (Franklin St.) between Hillsborough St. and Plant Rd.	Replace deteriorated curb and gutter at several locations on both sides	\$30,000	Municipal Agreement pending
Orange	7B.206814.10	SR 1902 (Manning Dr.) 0.3 mi. north of US 15/501	Reline ex. 84" CMP w/ 72" "Ultra Flo" aluminum pipe		Emergency PO req. for materials; compl. by 8/14/09
Orange	B-4218	SR 1730 (Turkey Farm Rd.)	Replace Bridge # 108 over New Hope Creek	\$750,000.00	Dane Const., Inc. = 88.15% complete

ACTIVE NCDOT PROJECTS LOCATED IN ORANGE COUNTY - DCHC MPO

Orange	B-4592	SR 1561 (Lawrence Rd.)	Replace Bridge # 64 over the Eno River	\$1.6 million	Sanford Contractors, Inc. = 77.02 % complete
Orange	B-5191A	Various	Repairs to Bridge expansion joints	\$40,000	Bids opened Aug. 31, 2009
Orange	42170 SS- 4907 T 42204.2 42204.1	SR 1710 (Old NC 10) @ NC 86	Construct a right turn lane on SR 1710 and install a traffic signal	\$215,000	Design underway; minor R/W & utility relocation
Orange	42171 SS- 4907 U 42205.2 42205.1	SR 1710 (Old NC 10) @ SR 1713 (Mt. Herman Church Road)	Improve sight distance on SR 1710 by lowering the crest vertical curve on the westbound approach to the intersection	\$300,000	Design underway
Orange	42423.3 42423.1 SS -4907V	SR 1005 (Old Greensboro Rd.) @ SR 1951 (White Cross Rd.)	Realign intersection	\$165,000	Survey compl.; CBS & KLJ met w/ B.Thomas & property owner on site
NCDOT PROJECTS CURRENTLY IN 12 MONTH LETTING LIST					
County	TIP #	Route	Location Description	TIP Est.	Est. Let Date
Orange	B-4216	SR 1002 (St. Mary's Road)	Replacement of Bridge # 66 over Stroud's Creek	\$800,000	Feb. 16, 2010
Orange	ER-5100 GE	US 15-501@ SR 1734 (Erwin Rd./Europa Dr.)	Plantings	\$65,000	ARRA Letting by Division
Orange	EL-4601	Morgan Creek Greenway	Construct Greenway	\$300,000	ARRA Letting by Town
Orange	EL-5103	Carrboro	Construct bus shelters at 4 locations	\$48,296	ARRA Letting by Town
Orange	I-4716	I-40	Grind and reseal joints on I-40 from I-85 to Durham Co. (Scope may be revised)	\$5.0 million	Aug. 2011
Orange	I-5138	I-85	Mill, resurface, and overlay from I-85/I-40 split to Bridge over SR 1006 (Orange Grove Rd.)	\$2.0 million	Oct. 20, 2009
Orange	R-5178A	NC 57	Widen for two foot paved shoulders and resurface from NC 86 to SR 1544 (Pearson Road)	\$1.0 million	Sept. 15, 2009
Orange	R-5200	NC 86	Widen for 2' paved shoulders from SR 1730 (Whitfield Rd.) to south of SR 1710	\$950,000.00	Nov. 17, 2009
Orange	TA-5117		Two 28' light transit vehicles w/ wheelchair lift	\$183,200.00	ARRA Letting by County

ACTIVE NCDOT PROJECTS LOCATED IN ORANGE COUNTY - DCHC MPO

Orange	U-0624	NC 86 (S. Columbia St.)	Corridor upgrade including Bicycle lanes from SR 1906 (Purefoy Rd.) to SR 1902 (Manning Dr.)	\$4.30 million	Nov. 2011
Orange	U-3100B	SR 1107 (Old Fayetteville Rd.) from NC 54 to SR 1106 (Stroud Lane)	Safety Improvements (Bicycle, Pedestrian, and Transit Accommodations)	\$1.8 million	Nov. 17, 2009
Orange	U-3306	SR 1733 (Weaver Dairy Rd.) from NC 86 to SR 1734 (Erwin Rd.)	Grading, drainage, paving, signals, curb and gutter	\$13.4 million	July 20, 2010
Orange	U-4704	Chapel Hill-Carrboro	Computerized Traffic Signal System	\$5.175 million	Sept. 15, 2009
Orange	U-4726 DA	Carrboro	Construct sidewalk on Ashe St. from W. Main St. to Shelton St.	\$155,200.00	ARRA Letting by Town
Orange	U-4726 DB	Carrboro	Construct sidewalk on Bim St. from SR 1005 (Jones Ferry Rd.) to Fidelity St.	\$200,100.00	ARRA Letting by Town
Orange	U-4726 GA	Twin Parks Greenway	Linear park-10' multiuse asphalt trail including bridge over Jones Creek	\$429,457.00	ARRA Letting by County
Orange	U-4726 IA	Chapel Hill	ADA ramps at selected locations	\$50,000.00	ARRA Letting by Town
Orange	U-4726 IB	Chapel Hill	Raised crosswalks/traffic calming	\$50,000.00	ARRA Letting by Town
Orange	U-4726 IC	Chapel Hill	Pedestrian safety improvements (refuge islands @ 7 locations)	\$350,000.00	ARRA Letting by Town
Orange	U-4726 ID	Chapel Hill	Install in-street pedestrian lighting	\$61,563.00	ARRA Letting by Town
Orange	U-4726 IE	Chapel Hill	Sidewalk construction on US 15-501/NC54 from SR 1902 (Manning Dr.) to Old Mason Farm Rd.	\$185,000.00	ARRA Letting by Town
Orange	U-4726 JA	Hillsborough	Construct sidewalks	\$1,034,110.00	ARRA Letting by Town

TCC 9/23/2009 Attachment 13

Contract Number: C200840 Physical Division: 5 Administrative Division: 5 Length: 6.363 miles Resident Engineer: Jeffrey D. Allen, PE Location Description: NC-54 FROM SR-1999 IN DURHAM CO TO SR-1959 IN DURHAM CO & SR-1999 FROM SR-3014 IN WAKE CO TO NC-54 IN DURHAM CO. Type of Work: WIDENING, GRADING, DRAINAGE, PAVING, SIGNALS & CULVERTS. Contractor Name: C C MANGUM COMPANY LLC Contract Amount: \$35,467,891.08 Availability Date: 2/5/2007 Completion Date: 11/1/2009 Revised Completion Date: 11/22/2009 Last Estimate Thru: 7/31/2009 Last Estimate Paid: 8/13/2009	Route: NC-54 County: Durham TIP Number: R-2904, U-4026 Federal Aid Number: STP-54(5) RE Phone Number: (919)733-9499 Cost Overrun/Underrun: 9.86% Letting Date: 12/19/2006 Work Began: 2/19/2007 Estimated Completion: 11/1/2009 Scheduled Progress: 84.4% Actual Progress: 83.93%
Contract Number: C201487 Physical Division: 5 Administrative Division: 5 Length: 1.769 miles Resident Engineer: Chad D. Hinnant Location Description: BRIDGES OVER SANDY CRK & TRIBUTARY & APPROACHES ON SR-1116, SR-1126 NEAR US-15/501 & SR-1116, US-15/501 AT MT MORIAH RD. Type of Work: GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURES. Contractor Name: DLB, INC DBA DLB INC (OF VA) Contract Amount: \$18,810,912.36 Availability Date: 10/1/2007 Completion Date: 8/1/2010 Revised Completion Date: 8/3/2010 Last Estimate Thru: 7/31/2009 Last Estimate Paid: 9/2/2009	Route: US-15 County: Durham TIP Number: B-3450, U-4009, U-4012 Federal Aid Number: BRSTP-1116(6) RE Phone Number: (919)220-4680 Cost Overrun/Underrun: 2.03% Letting Date: 8/21/2007 Work Began: 10/1/2007 Estimated Completion: 8/3/2010 Scheduled Progress: 48.4% Actual Progress: 48.14%
Contract Number: C201994 Physical Division: 5 Administrative Division: 5 Length: 4.2 miles Resident Engineer: Jason R. Peterson, PE Location Description: TRIANGLE PARKWAY FROM NC-540 IN WAKE CO TO I-40 IN DURHAM CO Type of Work: GRADING, DRAINAGE, PAVING, SIGNALS, TOLL FACILITIES & STRS. Contractor Name: S. T. WOOTEN CORPORATION Contract Amount: \$137,446,000.00 Availability Date: 9/19/2008 Completion Date: 7/1/2011 Revised Completion Date: Last Estimate Thru: Last Estimate Paid:	Route: I-540 County: Durham TIP Number: U-4763B Federal Aid Number: RE Phone Number: (919)571-3000 Cost Overrun/Underrun: Letting Date: 8/5/2008 Work Began: Estimated Completion: Scheduled Progress: Actual Progress:
Contract Number: C202313 Physical Division: 5 Administrative Division: 5 Length: 16.62 miles Resident Engineer: Chad D. Hinnant Location Description: 1 SECTION OF US-501 BYPASS, 1 SECTION OF NC-98 & 3 SECTIONS OF SECONDARY ROADS. Type of Work: WIDENING, MILLING, RESURFACING & SHOULDER RECONSTRUCTION. Contractor Name: BARNHILL CONTRACTING COMPANY Contract Amount: \$3,611,898.13 Availability Date: 7/27/2009 Completion Date: 5/14/2010 Revised Completion Date: Last Estimate Thru: 8/7/2009 Last Estimate Paid: 8/25/2009	Route: US-501 County: Durham TIP Number: R-5135, U-5122, U-5124 Federal Aid Number: STM-1004(39) RE Phone Number: (919)220-4680 Cost Overrun/Underrun: 0% Letting Date: 6/16/2009 Work Began: 7/28/2009 Estimated Completion: 5/14/2010 Scheduled Progress: 4.1% Actual Progress: 7.85%
Contract Number: C202405 Physical Division: 5 Administrative Division: 5 Length: 0.2 miles Resident Engineer: Chad D. Hinnant	Route: NC-55 County: Durham TIP Number: U-5143 Federal Aid Number: STM-0055(42) RE Phone Number: (919)220-4680

TCC 9/23/2009 Attachment 13

Location Description: INTERSECTION OF SR-1171 (RIDDLE RD) AND NC-55.**Type of Work:** GRADING, DRAINAGE, PAVING, CURB AND GUTTER, AND SIGNALS.**Contractor Name:** C C MANGUM COMPANY LLC**Contract Amount:** \$176,802.75**Cost Overrun/Underrun:****Availability Date:** 8/3/2009**Letting Date:** 7/7/2009**Completion Date:** 10/30/2009**Work Began:** 8/3/2009**Revised Completion Date:****Estimated Completion:****Last Estimate Thru:****Scheduled Progress:****Last Estimate Paid:****Actual Progress:**

**TARPO TCC/TAC Meeting
Division 8 Project Report**

TCC 9/23/2009 Attachment 13
8/3/2009

COUNTY	WBS #	ROUTE	DESCRIPTION	TOTAL FUNDING ALLOCATION	CONTRACT BID AMOUNT	20090414_STATUS	20090602_STATUS	20090727_STATUS
Chatham	B-4063 33427.3.1	NC 902	Replacement of bridge # 20 over Sandy Creek and approaches	\$1,615,181	\$1,205,103	Dellinger, Inc. began work Sept. 15, 2008; Girders, deck, barrier rails, approach slabs complete; Working on grading, pipe installation; Currently at 42.5% complete; Scheduled completion is December 31, 2009	Dellinger, Inc. began work Sept. 15, 2008; Bridge complete except for deck grooving; Beginning asphalt paving; Currently at 50.0% complete; Scheduled completion is December 31, 2009	Dellinger, Inc began work on 9/18/08 and is currently at 70.1% complete; Structure & roadway complete, open to traffic; working on signs, guardrail, etc.; Scheduled completion is 12/31/09
Divisionwide	38913.3.1 R-4425	US 421, US 15-501, US 1	Guardrail rehabilitation to upgrade sub-standard guardrail, end treatments and bridge anchor units	\$2,622,565	\$2,280,491	Reynold's Fence & Guardrail began work October 27, 2008; Contractor currently at 64.6% complete; Randolph, Chatham Co. complete; Working in Lee Co. and moving to Hoke Co.; Scheduled completion is April 24, 2009	Reynold's Fence & Guardrail began work October 27, 2008; Scheduled completion is April 24, 2009. Revised completion date is May 28, 2009. Awaiting barrier rail in Scotland County. All other counties complete, awaiting final inspection & punch list.	Reynold's Fence & Guardrail began work October 27, 2008; Scheduled completion is April 24, 2009. Complete, accepted 6/17/09
Moore		NC 22 at Moore Co. Airport	Relocation of NC 22			New roadway open to traffic; Currently installing final surface layer; pvmnt markings, and entrance to Airport to be completed this spring.	Project complete; Awaiting final inspection and punch list.	Project complete.
Moore & Richmond	34438.3.3 R-2502A & 2502B	US-1 From SR-1001 to North of Moore County Line	Widening to 4 Lanes, Richmond/Moore Counties	\$12,832,430.43	\$26,633,346.18	R.E. Goodson began work on 12/08/08 and is at 9.3% complete; Currently clearing & grubbing, relocating utilities, installing waterline; Scheduled completion is November 20, 2011	R.E. Goodson began work on 12/08/08 and is at 10.3% complete; Currently relocating utilities, installing waterline, bridge approach fills, MSC walls; Scheduled completion is November 20, 2011	R.E. Goodson began work on 12/08/08 and is at 11.6% complete; Beginning grading, beginning bridge const, relocating utilities, installing waterline; Scheduled completion is 11/20/11
Moore	33554.3.1 B-4207	NC 22-24-27	Replacement of bridge # 43 over Mclemdons Creek and approaches	\$268,000.00	\$1,797,803.68	Tentative Letting: 5/19/09	Project was let on 5/19/09; Awarded to Dane Construction, Inc.	Project was let on 5/19/09; Awarded to Dane Construction, Inc.
Lee	45039.3.ST1 R-5139 F.A. STM-0001(123)	US-1 from US-1 Bus. To SR 1423	Resurfacing, Rehabilitation	\$3,000,000.00	\$2,148,224.52	Tentative Letting: 6/16/09 Proposed Stimulus Project	Letting scheduled for 6/16/09 Economic Stimulus Project	Project was let on 6/16/09; Awarded to S. T. Wooten Corp. Economic Stimulus Project
Lee	45041.3.ST1 R-5141 F.A. STM-0078(4)	NC 78 from US-1 to SR 1001	Widening to three lanes	\$7,000,000.00	\$1,179,044.45	Tentative Letting: 6/16/09 Proposed Stimulus Project	Letting scheduled for 6/16/09 Economic Stimulus Project	Project was let on 6/16/09; Awarded to S. T. Wooten Corp. Economic Stimulus Project
Moore	45040.3.ST1 R-5140 F.A. STM-0001(124)	US-1 From SR 1309 to SR 2175	Paved Shoulders, Resurfacing	\$3,000,000.00	\$1,383,886.65	Tentative Letting: 6/16/09 Proposed Stimulus Project	Letting scheduled for 6/16/09 Economic Stimulus Project	Project was let on 6/16/09; Awarded to S. T. Wooten Corp. Economic Stimulus Project
Moore	45042.3.ST1 R-5142 F.A. STM-0024(37)	NC 24/27 From NC 705 to Montgomery County Line	Widening at multiple intersections, Resurfacing	\$5,000,000.00	\$2,837,762.50	Tentative Letting: 6/16/09 Proposed Stimulus Project	Letting scheduled for 6/16/09 Economic Stimulus Project	Project was let on 6/16/09; Awarded to Riley Paving, Inc. Economic Stimulus Project
Chatham	8CR.20191.11	4 sections of secondary roads	Contract resurfacing let as purchase order	\$1,040,350.00	\$697,376.00			Awarded to S. T. Wooten Corp.; Available 7/20/09; Scheduled completion is 12/16/09
Moore	8CR.20631.11	7 sections of secondary roads	Contract resurfacing let as purchase order	\$1,130,150.00	\$663,673.55			Awarded to Riley Paving, Inc. Available 7/20/09; Scheduled completion is 12/16/09
Lee	8CR.20531.11	3 sections of secondary roads	Contract resurfacing let as purchase order	\$720,530.00	\$467,389.62			Awarded to Riley Paving, Inc. Available 8/03/09; Scheduled completion is 12/16/09

**TARPO TCC/TAC Meeting
Division 8 Project Report**

TCC 9/23/2009 Attachment 13
8/3/2009

Chatham	41700 SF-4908J	NC 751	Install protected permitted traffic signal and left turn lane at intersection of NC 751 and SR 1731 (O'Kelly Church Road)	PE: \$10,000 ROW: \$6,000		Design is complete; ROW being acquired; Anticipated letting in 2009	Design is complete; ROW being acquired; Anticipated letting 7/23/09; Economic Stimulus Project	Design is complete; ROW being acquired; Utilities being relocated; Anticipated letting September 2009; Economic Stimulus Project
Chatham	R-5181, 42221	NC 87 from south of SR 1516 to north of SR 1516	Construct elliptical roundabout near CCCC in Pittsboro				Anticipated letting in August 2009; Economic Stimulus Project	Anticipated letting in January 2010; Economic Stimulus Project
Lee	EB-4981	Endor Iron Furnace Greenway from Kiwanis Family Park to Boone Drive	Construct Greenway	PE: \$45,000			Anticipated Letting October 2009; Economic Stimulus Project	Anticipated Letting October 2009; Economic Stimulus Project
Lee	R-2417C	US 421/NC 87 from NC 42 to NC 87	Freeway on new location	PE: \$148,257.25 ROW: \$11,008,207.75			Tentative Letting December 2009; Economic Stimulus Project	Tentative Letting December 2009; Economic Stimulus Project
Chatham	U-4726FA	US 15-501 from Cole Park Plaza to Orange County	Install pedestrian facilities				Chatham County Municipal Agreement; Letting not scheduled; Economic Stimulus Project	Chatham County Municipal Agreement; Letting not scheduled; Economic Stimulus Project
Chatham	ER-5100HA	US 15-501 from Cole Park Plaza to Orange County	Streetscaping/Landscaping				Chatham County Municipal Agreement; Letting not scheduled; Economic Stimulus Project	Chatham County Municipal Agreement; Letting not scheduled; Economic Stimulus Project
Chatham	41848.3 SS-4908K	US 64 and SR 2229 (Treatment Plant Road)/SR 1363 (Pearlman Teague Road)	Island construction and improvements to accommodate U-turns	\$19,000.00			Design is complete; ROW being acquired; Letting is not scheduled; Insufficient funds available	Design is complete; ROW being acquired; Letting is not scheduled; Insufficient funds available
Lee	42112	US 1 NB & SB	Construct right turn lanes at SR 1182 (Cedar Lane) and SR 1173 (Pine Forest Road)	\$140,000		Anticipated letting in 2009	Anticipated letting in 2009	Anticipated letting in May 2010
Lee	41702	SR 1001 & SR 1146	Revise existing flasher to a four way stop flasher with advance Stop Ahead flashers and stop sign flashers on Lemon Springs Road at Saint Andrews Road	PE: \$2,000 ROW: \$1,000 CONST: \$10,000		Construction is on hold until further investigations can be completed	Construction is on hold until further investigations can be completed	Construction is on hold until further investigations can be completed
Moore	40539	NC 24/27 at SR 1809/SR 1814	Lower west leg of NC 24/27 to improve sight distance	\$233,000.00			Has been submitted as a W project. Preliminary cost estimate complete. Preliminary plans complete. Insufficient funds available.	Has been submitted as a W project. Preliminary cost estimate complete. Preliminary plans complete. Insufficient funds available.