

**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**

**May 27, 2009  
9:00 a.m.**

**Transportation Conference Room  
4<sup>th</sup> floor Durham City Hall**

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

**ACTION ITEMS**

**4. Approval of April 22, 2009 TCC Meeting Minutes  
(Attachment 4)**

A copy of the April 22, 2009 minutes is enclosed as Attachment 4.

**TCC Action:** Approve minutes of the April 22, 2009 TCC meeting.

**5. American Recovery and Reinvestment Act of 2009  
(Attachment 5, 5A)**

**Ellen Beckmann, LPA Staff  
Marta Matthews, NCDOT**

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 5 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.

In March, the DCHC MPO approved a resolution adopting an administrative modification to the 2009-2015 Metropolitan Transportation Improvement Program to include the first wave of STP ARRA projects. In April, the DCHC MPO approved a resolution adopting an administrative modification to the 2009-2015 Metropolitan Transportation Improvement Program to include the second wave of STP, STPDA, and Section 5307 ARRA projects.

Attachment 5A 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.

Marta Matthews from NCDOT’s Local Programs Management Office will be attending the TCC meeting and can answer questions about the preparation of municipal agreements and project certifications. If you have questions that you would like Marta to answer, please email them to Ellen Beckmann by close of business on May 25, 2009.

**TCC Action:** Receive update on ARRA project implementation.

**6. Congestion Mitigation Air Quality**

**(Attachment 6)**

**Ellen Beckmann, LPA Staff**

In November 2008, the North Carolina Department of Transportation (NCDOT) announced a revised process for the selection of CMAQ projects. They also set schedules and deadlines for three CMAQ project selection processes. One of those processes was the selection of projects for FY 2013 through 2017 CMAQ funding for the FY 2011-2017 Transportation Improvement Program (TIP). The NCDOT has requested that MPOs and RPOs submit project proposals by September 4, 2009. The DCHC MPO has approximately \$8,145,728 of CMAQ funding available for FY 2013 through 2017. Attachment 6 is a memo from NCDOT on the selection process. Please note that all projects must be at least \$100,000.

A schedule for the call for projects is as follows:

<b>Action</b>	<b>Date</b>
TCC opens call for projects	5/27/09
TAC update	6/10/09
Project proposals are due to DCHC MPO	6/24/09
Applications are emailed to TCC for review	6/25/09
TCC subcommittee meets to review projects and make a recommendation	7/1/09
TCC reviews subcommittee recommendation	7/22/09
TAC approves project proposals	8/12/09
LPA submits projects to NCDOT	Late August
NCDOT deadline for project proposals	9/4/09

**TCC Action:** Request that member agencies submit project proposals for FY 2013-2017 CMAQ funding by June 24, 2009.

**7. U-2803 Smith Level Road**

**Adena Messenger, Town of Carrboro**

NCDOT presented a proposed design for TIP project, U-2803 Smith Level Road, to the Carrboro Board of Aldermen in April. This design was rejected by the Board of Aldermen. NCDOT proposed three options for the Town in response to the Town’s position. The Board of Aldermen

will be reviewing these options at their June 2, 2009, meeting. The Town of Carrboro will provide an update on this project to the TCC.

**TCC Action:** Receive update on U-2803Smith Level Road.

**REPORTS FROM STAFF:**

**8. Reports from Staff**

(Attachment 8)

**Felix Nwoko, LPA Staff**

**TCC Action:** Receive Report from staff

**9. Report from the Chair**

**Mark Ahrendsen, TCC Chair**

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

**10. NCDOT Report**

(Attachment 10)

**Wally Bowman, Division 5 – NCDOT**

**Mike Mills, Division 7 – NCDOT**

**INFORMATIONAL ITEMS**

**Adjourn**

**Next meeting: June 24, 2009**

**TECHNICAL COORDINATING COMMITTEE**

**April 22, 2009**

**MINUTES OF MEETING**

The Technical Coordinating Committee met on April 22, 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)
- \*David Bonk Town of Chapel Hill (TCC Vice-Chair)
- \*Andy Henry City of Durham/Transportation
- \*John Hodges-Copple Triangle J COG
- \*Joey Hopkins NCDOT – Division 5 Engineer
- \*Ben Howell Chatham County
- \*Tom King Town of Hillsborough
- \*Karen Lincoln Orange County
- \*Brian Litchfield Town of Chapel Hill
- \*Ray Magyar UNC/Transportation
- \*Patrick McDonough Triangle Transit
- \*Adena Messinger Town of Carrboro
- \*Mike Mills NCDOT – Division 7 Engineer
- \*Kumar Neppalli Town of Chapel Hill
- \*Ellen Beckmann City of Durham/Transportation
- \*Pierre Osei-Owusu City of Durham/DATA
- \*Ed Venable City of Durham - Engineering
- ^Scott Walston NCDOT – Transportation Planning Branch
- Sarah Ezzell NCDOT – Transportation Planning Branch
- Dale McKeel City of Durham/Transportation
- Ryan Mickles Town of Chapel Hill
- Dawn Qiu City of Durham/Transportation
- Brian Rhodes City of Durham/Transportation
- David Willauer IEM, Inc.

\*Voting Member

^Temporary Non-voting Member

Quorum Count: 17 of 21 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 9:02 a.m.

**PRELIMINARIES:**

42 **Adjustments to the Agenda**

43 Scott Walston stated that Sarah Ezzell a staff member will be discussing the Orange County CTP  
44 later in the agenda.

45 **Public Comments**

46 There were no public comments.

47 **Approval of April 22, 2009 TCC Meeting Minutes (Attachment 4)**

48 A motion was made by John Hodges-Copple and seconded by Joey Hopkins to approve the April  
49 22, 2009 TCC Meeting Minutes. The motion carried unanimously.

50 **2035 Long Range Transportation Plan and Air Quality Analysis and Conformity Determination Report**  
51 **(Attachment 5)**

52

53 Andy Henry provided an update on the 2035 Long Range Transportation Plan and Air Quality  
54 Analysis and Conformity Determination Report, along with the attachment.

55 Andy Henry stated that the documents were released on March 25<sup>th</sup> and a public hearing was  
56 held at the April TAC meeting. There were no comments at that time. On May 5, 2009 the public  
57 comment period will end. The full 2035 Long Range Transportation Plan and Air Quality Analysis and  
58 Conformity Determination Report will go back to the TAC on May 13, 2009 for approval. Mr. Henry  
59 reviewed with staff the handout that was distributed at the beginning of the meeting. Staff is working  
60 on formatting the financial information.

61 John Hodges-Copple stated the Air Quality report has been circulated for federal agency review.  
62 There are not many comments on the Air Quality. Andy Henry stated staff has addressed most of the  
63 LRTP comments by the federal agencies.

64 **Comprehensive Transportation Plan (CTP) and MPO-Wide Collector Street Plan (MPO-CSP)**  
65 **Attachment 6)**

66

67           Andy Henry provided an introduction for the Comprehensive Transportation Plan (CTP) and  
68 MPO-Wide Collector Street Plan (MPO-CSP), along with the attachment. Mr. Henry provided a Power  
69 Point presentation.

70           Scott Walston wants a concurrent process with Orange County and the MPO. There is a  
71 pedestrian map out now which can be added to the CTP. Andy Henry stated that the CTP is used for the  
72 UDO. When the CTP is adopted, it will replace the thoroughfare plan, and the UDO no longer will have  
73 the thoroughfare plan referenced. Right now the UDO uses road classifications based on functionality.  
74 In the CTP, roads are classified more by cross-section than by function. Scott Walston stated there are  
75 major/minor thoroughfares in the CTP. They just are not referenced as thoroughfares. David Bonk  
76 asked why the UDO doesn't reference the LRTP. Andy Henry stated we don't say what type of roadway  
77 it is in the LRTP. Mark Ahrendsen stated some projects aren't in the LRTP due to fiscal constraints. Andy  
78 Henry stated staff needs to discuss how the CSP's can be combined. The CSP is a finer grain than the  
79 LRTP.

80           Ben Howell asked who endorses the CTP, and Andy Henry stated the MPO approves only the  
81 area within the MPO. Scott Walston recommended that DCHC MPO adopt the area that is within the  
82 MPO and endorse the balance of the Orange County rural CTP, and then Orange County should adopt  
83 only the RPO area and endorse the balance of the plan.

84           David Bonk asked the status of Chatham County and Andy Henry stated we would bring it to  
85 Chatham County for review, but not adoption. Scott Walston stated the Chatham County CTP has not  
86 been scheduled yet. Scott Walston stated that the state law stipulates that the MPO is the acting body  
87 for the CTP.

88           Ellen Beckmann asked about the build-out scenario in the MPO versus the rural areas. Andy  
89 Henry stated the CTP assumes the build-out scenario in the entire area. Karen Lincoln stated Orange  
90 County doesn't anticipate any major changes in the rural areas.

91 Mark Ahrendsen questioned the coordination with other jurisdictions. Scott Walston stated  
92 that Granville County has a CTP, Person County is in the process right now, and Chatham County hasn't  
93 started yet. Karen Lincoln stated BG MPO can't attend the meeting but they are beginning the process.

94 John Hodges-Copple asked if the state adopts the entire Orange County CTP and Scott Walston  
95 yes they will adopt the entire county. The BG MPO would not be done in the same time frame. Scott  
96 Walston stated they have yet to resolve the question of what the state approves in regards to Orange  
97 County and the BG MPO.

98 John Hodges-Copple stated they need to work with TRM Service Bureau on the recommended  
99 modeling.

100 Dale McKeel asked if the CSP will include the recommended cross-sections and Andy Henry  
101 stated we could. Cross-sections were included in the Southwest Durham- Southeast Chapel Hill CSP.  
102 Dale McKeel stated some jurisdictions have their own collector street cross-sections and Andy Henry  
103 stated they will have to be updated.

104 **American Recovery and Reinvestment Act of 2009 (Attachments 7 and 7A)**

105 Ellen Beckmann provided an update on the American Recovery and Reinvestment Act of 2009,  
106 along with the attachments.

107 Ellen Beckmann stated the State is in the process of approving the projects in May and June.  
108 The Governor's list is not a complete list at this time. The list will change as the projects are approved.

109 Ellen Beckmann stated there were a couple of projects in the Governor's list that we didn't  
110 request. One is the improvements at I-540 and I-40. It was in the MTIP, but we didn't prioritize it for  
111 use of stimulus funds. Ellen Beckmann thinks we will have to do a modification to change the funding  
112 source. She will follow-up with Mike Stanley at NCDOT. The other project is adding turn lanes O'Kelly  
113 Chapel Road and NC 751 in Chatham County. Ben Howell stated they are having trouble getting right of  
114 way because of some historic property. Therefore, they are waiting to let the project.

115 The transit deadline for submitting applications into the FTA TEAM system is July 1<sup>st</sup>. Bill Barlow  
116 stated they are approving everything in May and June. There was some confusion about what they  
117 were and weren't allowed to do in terms of amendments. The confusion was due to the terminology  
118 between them and FHWA. Bill Barlow will be sending a list of what will be approved in May and in  
119 June. Ellen Beckmann will try to get the list accelerated and have all the projects approved in May. All  
120 the transit agencies should complete their applications.

121 Mark Ahrendsen stated staff is going to request that we waive the waiting period and Mike Mills  
122 stated there is a 30-day waiting period. Mark Ahrendsen stated we will work around the 30-days if  
123 there is no way to get it waived.

124 Pierre Osei-Owusu stated that in addition to the 5307 stimulus funds they are going to apply for  
125 TIGGER funds for (5) hybrid vans for DATA and (2) hybrid vans and (6) hybrid buses for Chapel Hill  
126 Transit. The deadline for applying for funds is May 22<sup>nd</sup>. Brian Litchfield stated the MPO could be the  
127 applicant, but the awards are made to the individual transit agencies.

128 Triangle Transit was at the TIGGER meeting, but said that hybrid technology doesn't work well  
129 for them because of long-distance traveling. The funding is for replacement vehicles, not expansion  
130 vehicles. There is a \$2 million dollar minimum threshold.

131 Ellen Beckmann reviewed the deadlines with staff on attachment 7. A staff member will be  
132 required to update the STP Request Table for each jurisdiction prior to each TAC/TCC meeting. Ellen  
133 Beckmann will send it out for an update to be included in the TAC meeting.

134 The local jurisdictions will need to complete the local agreements by July 1.

135 Mark Ahrendsen stated transit and resurfacing projects may need to be used as contingency  
136 projects.

137 Ellen Beckmann will share the May/June TIP amendments with the transit operators.

138 **Job Access Reverse Commute and New Freedom – 2009 Call for Projects (Attachments 8, 8A, and 8B)**

139 Ellen Beckmann provided an introduction for the Job Access Reverse Commute and New  
140 Freedom – 2009 Call for Projects, along with the attachments.

141 Pierre Osei-Owusu thinks DATA should be able to reprogram funds from their project that was  
142 canceled. David Bonk stated DATA could submit another application.

143 David Bonk stated we should monitor projects for progress and performance. Ellen Beckmann  
144 stated that is in the program management plan and our new staff member who begins next week will  
145 help with that.

146 Ellen Beckmann reviewed the applications and the subcommittee's recommendations with staff.  
147 The final JARC and New Freedom appropriations have not been published yet. Mark Ahrendsen stated  
148 staff could approve the projects subject to available funds. Ellen Beckmann stated in past years we have  
149 always approved a percentage of funds for administration costs. We are allowed to approve up to 10%  
150 for administration and in past years we have designated 8% to Durham as the designated recipient to  
151 administer the program. We need to continue this and therefore it will need to be added to the  
152 recommendation. It would be for both JARC and New Freedom. Pierre Osei Owusu stated that DATA  
153 will be bringing the issue of the administrative apportionment to DATA back to the TCC because they are  
154 having problems with directing the funds to a budget item intended for salaries. It amounts to double-  
155 dipping and to date they have not been able to figure a way around it. Ellen Beckmann stated the new  
156 staff person in the MPO may take over the administration of funds.

157 Ellen Beckmann stated that one JARC application from Chapel Hill is a continuation of a JARC  
158 project approved last year. Mark Ahrendsen asked when the Chapel Hill project started and Brian  
159 Litchfield stated it started almost two years ago as a JARC project. Ellen Beckmann stated that when the  
160 coordinated plan was developed, it set a requirement for new or expanded projects. The subcommittee  
161 reviewed all applications for these requirements, but recommended being lenient on this requirement

162 due to the current economic conditions. Brian Litchfield stated that one year may not be enough to  
163 build the ridership.

164 Andy Henry asked how the Brier Creek project is doing. Pierre Osei-Owusu stated they are  
165 running 11-12 passengers hourly. The ridership has been increasing so they are asking for funds to  
166 make it a regular hourly route to make it convenient for the riders.

167 Ellen Beckmann stated for clarification that the recommended JARC projects are the two listed  
168 on page 1 and 8% for the administrative costs.

169 A motion was made by Andy Henry and seconded by Kumar Neppalli to recommend to the TAC  
170 approval of the two JARC projects recommended by the subcommittee, plus 8% for administration  
171 subject to availability of funding. The motion carried.

172 Ellen Beckmann described the New Freedom recommendations by the subcommittee. There  
173 was concern among the subcommittee members regarding the request from the Town of Chapel Hill for  
174 a Transit Mobility Manager. Brian Litchfield provided Ellen Beckmann with a justification as to why it  
175 should be eligible. The subcommittee referred this project to the TCC to decide whether to fund the  
176 project or not. Pierre Osei-Owusu recommended the program because the recognition that there is a  
177 need for the position. Adena Messinger supports the application for the Town of Chapel Hill Transit  
178 Mobility Manager.

179 Brian Litchfield stated some of the functions are currently not being performed regularly or not  
180 at all due to staffing. The New Freedom funds would help to fund the significant work outside of the  
181 ADA requirements.

182 A motion was made by David Bonk and seconded by Pierre Osei-Owusu to recommend TAC  
183 approval of the four projects and set aside 8% for administration subject to the availability of funds.  
184 The motion carried with Ellen Beckmann opposing.

185 **REPORTS FROM STAFF:**

186 **Reports from Staff**

187 The report from staff is attached for review.

188 **Report from the Chair**

189 Mark Ahrendsen stated the transit tax is moving forward and each county will proceed alone.  
190 Each county would hold a referendum according to their schedule.

191 S1001 legislation is for changing some of the funding parameters for the Powell Bill and  
192 transferring roads to the local governments.

193 S758 legislation is for transferring roads to counties. Mike Mills stated this is not a NCDOT  
194 sponsored bill. Joey Hopkins stated this is a symptom of NCDOT's funding problems.

195 **NCDOT Report (Attachment 11)**

196 Joey Hopkins, NCDOT Division 5 Engineer, provided an update on projects. There will be a traffic  
197 shift to a temporary pattern on US 15-501. NCDOT is getting good bid prices. Ed Venable stated they  
198 are also getting much more interest from bidders. David Bonk asked about reprogramming funds when  
199 a project comes in under bid. It will be too late to reprogram funds. Ellen Beckmann stated that we  
200 could reprogram funds to any project that is already in the TIP such as bike/pedestrian projects or  
201 resurfacing projects.

202 Mike Mills, NCDOT Division 5 Engineer, provided an update on projects. The bike/pedestrian  
203 projects need to have right of way. Mike Mills stated the Chapel Hill Signal System will be let in  
204 September using stimulus funds. The bus pull-offs on US 15-501 at Mason Farm Road are being  
205 programmed to begin after July 1. The Bennett Road/Mt. Carmel Church Road intersection will be after  
206 July 1. There are two bridge projects going on in Orange County.

207 Kumar Neppalli asked about using stimulus funds for S. Columbia Street and Cameron Avenue to  
208 Franklin Street. Mike Mills stated they are still working on developing the list.

209 Mike Mills asked how does NCDOT notify the TCC and TAC of approved projects for the stimulus  
210 funds. Mark Ahrendsen stated if there is a way to let the TCC know which projects are being approved,  
211 that would be helpful. The TCC could pass it on to the TAC.

212 **Adjournment**

213 There being no further business before the Technical Coordinating Committee, a motion was  
214 made by David Bonk and seconded by Kumar Neppalli to adjourn the meeting at 11:07 a.m. The motion  
215 carried unanimously.

**MEMORANDUM**

**TO:** Technical Coordinating Committee  
DCHC MPO

**FROM:** DCHC MPO Lead Planning Agency

**DATE:** May 27, 2009

**SUBJECT:** American Recovery and Reinvestment Act of 2009

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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 Modification**

The TAC approved FY 2009-2015 Metropolitan Transportation Improvement Program (MTIP) Administrative Modification #3 on March 11, 2009 and Administrative Modification #5 on April 8, 2009. These two modifications added the first and second waves of 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 is in the process of approving similar STIP modifications. All STIP modifications are expected to be approved by June 2009.

**Confirmed Projects**

On April 17, 2009, Governor Beverly Perdue made an announcement of additional ARRA funded projects. The Governor is only announcing projects when they are fully certified (meaning they are in the MTIP/STIP, right-of-way is certified, design is complete, etc.) so several of the MPO's approved projects were not included in this announcement. These projects will be announced once they have been fully certified. Attachment 5A is the table of ARRA funded projects. The first page lists the ARRA STP projects that have both been confirmed by the Governor and are in the MTIP/STIP. The second page lists the ARRA STP projects that have been requested by the MPO and are not yet confirmed. The following pages list the STPDA, Section 5307, and contingency projects. A few minor changes are included in the table to reflect revised project estimates.

**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.

<b>Operator</b>	<b>Description</b>	<b>Unit Cost</b>	<b>Total Cost</b>
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
		<b>TOTAL</b>	<b>\$4,342,600</b>

**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
  - Step 7a – Right-Of-Way Acquisition
- October 1, 2009**
  - Step 8 – Construction Authorization
- January 1, 2010**
  - Step 9 – Procuring Construction Services
  - Step 9a – Force Account
  - Step 10 – Construction Administration
  - Step 11 – Close Out
  - Step 12 – Final Audit

The MPO’s deadline for local approval of agreements for STPDA projects is July 1, 2009. If this deadline is not met, the TCC/TAC will consider replacing the STPDA projects with contingency projects. TAC would need to amend the MTIP in August to replace projects.

Attachment 5A is the table of ARRA funded projects with implementation milestones. Some cost estimates for Durham trail projects have been revised since the May TAC meeting. To better utilize the funds, some of these projects have been moved between the City of Durham and Durham County. The net effect is that one additional traffic signal can be funded – the Northpointe Drive and Home Depot traffic signal. No TIP amendment is necessary for this new project since it had already been included as a contingency project.

Marta Matthews from NCDOT's Local Programs Management Office will be attending the TCC meeting to answer any questions about the preparation of municipal agreements and the certification requirements.

## Schedule

Action	Date
TCC discuss process for ARRA funding TCC recommendation for MTIP administrative modification for first wave of stimulus projects	February 25, 2009
TCC subcommittee meetings and meetings with NCDOT staff on potential projects	February-March
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
TCC recommendation for Section 5307/5340 projects. TCC recommendation for STPDA projects. TCC recommendation for 2009-2015 MTIP administrative modification #5 for second wave of stimulus projects, STPDA projects, and Section 5307/5340 projects (and contingency projects).	March 25, 2009
TAC approval of 2009-2015 MTIP administrative modification #5. TAC approval of transfer of STPDA funds to FTA (if needed).	April 8, 2009
Final opportunity for the TAC to approve MTIP administrative modifications before LRTP plan lapse.	June 10, 2009
<b>50% of STP funds must be obligated</b>	<b>June 30, 2009</b>
<b>Applications for Section 5307/5340 grants must be submitted</b> <b>Agreements for STPDA projects must be approved by local governments</b>	<b>July 1, 2009</b>
TCC update on project status. TCC recommendation for contingency projects (if needed).	July 22, 2009
TAC action on contingency projects (if needed).	August 12, 2009
<b>50% of Section 5307/5340 funds must be obligated</b>	<b>September 1, 2009</b>
Local governments submit STPDA project information to NCDOT	September 1, 2009
Final opportunity for TAC action on contingency projects (if needed).	September 9, 2009
<b>Highway/Bicycle/Pedestrian projects – construction authorization</b>	<b>October 1, 2009</b>
<b>Transit projects - grant awarded in FTA system</b> <b>Highway/Bicycle/Pedestrian projects – project let</b>	<b>January 1, 2010</b>
<b>100% of all STP and STPDA funds must be obligated</b>	<b>March 2, 2010</b>
<b>100% of all Section 5307/5340 funds must be obligated</b>	<b>March 5, 2010</b>
Unobligated funds are redistributed to states	March 2010

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
		<b>DIVISION 5</b>						
U-5142	Durham	Installation of LED Traffic Signals on the City-maintained system (cost proposed to be shared by the State and City)	\$805,000 in 5/09 STIP addition			\$676,544	\$128,866	\$805,410
U-5143	Durham - NC 55 and SR 1171 (Riddle Road)	Installation of turn lanes	\$310,000 in 5/09 STIP addition			\$310,000		\$310,000
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	\$136,450	\$441,400
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				\$9,233,494		
		<b>DIVISION 7</b>						
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
X-XXXX	Orange	Resurfacing, multiple locations				\$2,935,000		\$2,935,000
B-5191	Orange	Bridge expansion joint repairs	\$160,000 in 5/09 STIP addition			\$160,000		\$160,000
		Total				\$3,677,000		
		<b>DIVISION 8</b>						
		Total				\$0		

**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		
	NC 55 (Avondale Drive)	Resurfacing, I-85 to Geer Street				\$150,000		
	US 70 Business (Main Street)	Milling and Resurfacing, Erwin/9th Street to Morgan St.				\$215,000		
	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 - Managed Locally

TIP #	Location	Description	1. Agreement Executed 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	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
<b>TOTAL AVAILABLE</b>			Type date that step was completed or n/a										\$ 7,889,430		
<b>CITY OF DURHAM</b>													\$4,309,579		
U-4726	NC 751 (Hope Valley Road)	Sidewalk Construction (NC 54 to Swarthmore)											\$77,274		\$77,274
U-4726	SR 1116 (Garrett Road)	Sidewalk Construction (NC 751 to Swarthmore)											\$438,840		\$438,840
U-4726	SR 1666 (Dearborn Drive)	Sidewalk Construction (Old Oxford to Ruth)											\$388,755		\$388,755
U-4726	SR 1321 (Hilldale Road E/S)	Sidewalk Construction (Cammie to Peppertree)											\$500,000		\$500,000
U-4726	US 70 Bus (Hillsborough Rd S/S) and Markham Street	Sidewalk Construction (15-501 Bypass to Broad Street)											\$477,500		\$477,500
U-4726	Washington St W/S	Sidewalk Construction (Trinity to Glendale)											\$345,000		\$345,000
U-4726	SR 1183 (University Drive N/S)	Sidewalk Construction (Chapel Hill Rd to Chapel Hill Rd)											\$505,000		\$505,000
U-5142	Durham	Installation of LED Traffic Signals on the City-maintained system (cost proposed to be shared by the State and City)											\$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)											\$136,450	\$304,950	\$441,400
U-5148	Durham - Northpointe Drive	Installation of traffic signal											\$200,000		\$200,000
U-5149	Durham - Renaissance Parkway	Installation of traffic signal											\$200,000		\$200,000
U-5150	Durham - William Penn and Ben Franklin	Installation of traffic signal											\$200,000		\$200,000
U-5151	Durham - Miami Blvd. and Geer St.	Intersection reconstruction											\$80,000		\$80,000
ER-5100EX	Durham	Duke, Gregson, Rockwood, MLK Urban Forestry and Landscaping											\$75,900		\$75,900
U-4726	Durham - American Tobacco Trail	Resurfacing from Morehead to Southpoint Crossing											\$228,450		\$228,450
U-4726	Durham - Renaissance Pkwy	Installation of a traffic signal at American Tobacco Trail crossing											\$100,000		\$100,000
U-4726	Durham - North-South Trail	Resurfacing the North-South Greenway Trail from Lavender to Murray											\$128,847		\$128,847
U-4726	Durham - American Tobacco Trail	Resurfacing Riddle Road Spur											\$55,230		\$55,230
		City of Durham Uncommitted Balance											\$43,468		

American Recovery and Reinvestment Act  
STPDA Table - Managed Locally

TIP #	Location	Description	1. Agreement Executed 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	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
		<b>TOWN OF CHAPEL HILL</b>											\$1,171,563		
U-4726	NC 86	Martin Luther King Jr. Blvd: Pedestrian Safety Improvements											\$250,000		\$250,000
U-4704	Signal System	Installation of bicycle detection loops as part of the Signal System Upgrade Project.											\$175,000		\$175,000
U-5158	Signal System	Installation of transit bus priority signalization along Martin Luther King Jr Blvd as part of the Signal System Upgrade Project.											\$150,000		\$150,000
U-4726	Chapel Hill	ADA Ramps at selected locations											\$50,000		\$50,000
U-4726	Chapel Hill	Raised Crosswalks/traffic calming											\$50,000		\$50,000
U-4726	US 15-501, NC 54	Sidewalk Construction: Fordham Blvd, Manning Dr. to Old Mason Farm											\$135,000		\$135,000
EL-4601	Chapel Hill	Morgan Creek Greenway, Phase I											\$300,000		\$300,000
U-4726	Chapel Hill	Installation of in-street pedestrian lighting @ three locations											\$61,563		\$61,563
		<i>Town of Chapel Hill Uncommitted Balance</i>											(\$0)		
		<b>TOWN OF CARRBORO</b>											\$403,596		
U-4726	Ashe Street	Sidewalk on one side from Weaver Street to Shelton											\$155,200		\$155,200
U-4726	Bim Street	Sidewalk on one side from Jones Ferry to Fidelity											\$200,100		\$200,100
EL-5103	Carrboro	Bus shelter and shelter materials											\$48,296		\$48,296
		<i>Town of Carrboro Uncommitted Balance</i>											(\$0)		
		<b>TOWN OF HILLSBOROUGH</b>											\$319,459		
U-4726	Hillsborough	Nash Street Sidewalk											\$319,459	\$880,541	\$1,200,000
		<i>Town of Hillsborough Uncommitted Balance</i>											\$0		

American Recovery and Reinvestment Act  
STPDA Table - Managed Locally

TIP #	Location	Description	1. Agreement Executed 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	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
		<b>DURHAM COUNTY</b>											\$827,321		
U-4726	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											\$827,000		\$827,000
		<i>Durham County Uncommitted Balance</i>											\$321		
		<b>ORANGE COUNTY</b>											\$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											\$183,200		\$183,200
U-4726	Carrboro-Orange County	Twin Creeks Park Greenway (linear park): 10' multiuse asphalt trail including bridge over Jones Creek											\$429,457	\$470,543	\$900,000
		<i>Orange County Uncommitted Balance</i>											(\$0)		
		<b>CHATHAM COUNTY</b>											\$245,255		
U-4726	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											\$220,000		\$220,000
U-4726	Chatham - US 15-501	Streetscaping/landscaping along US 15-501											\$25,255		\$25,255
		<i>Chatham County Uncommitted Balance</i>											\$0		
		Uncommitted Balance											\$43,788		

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

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

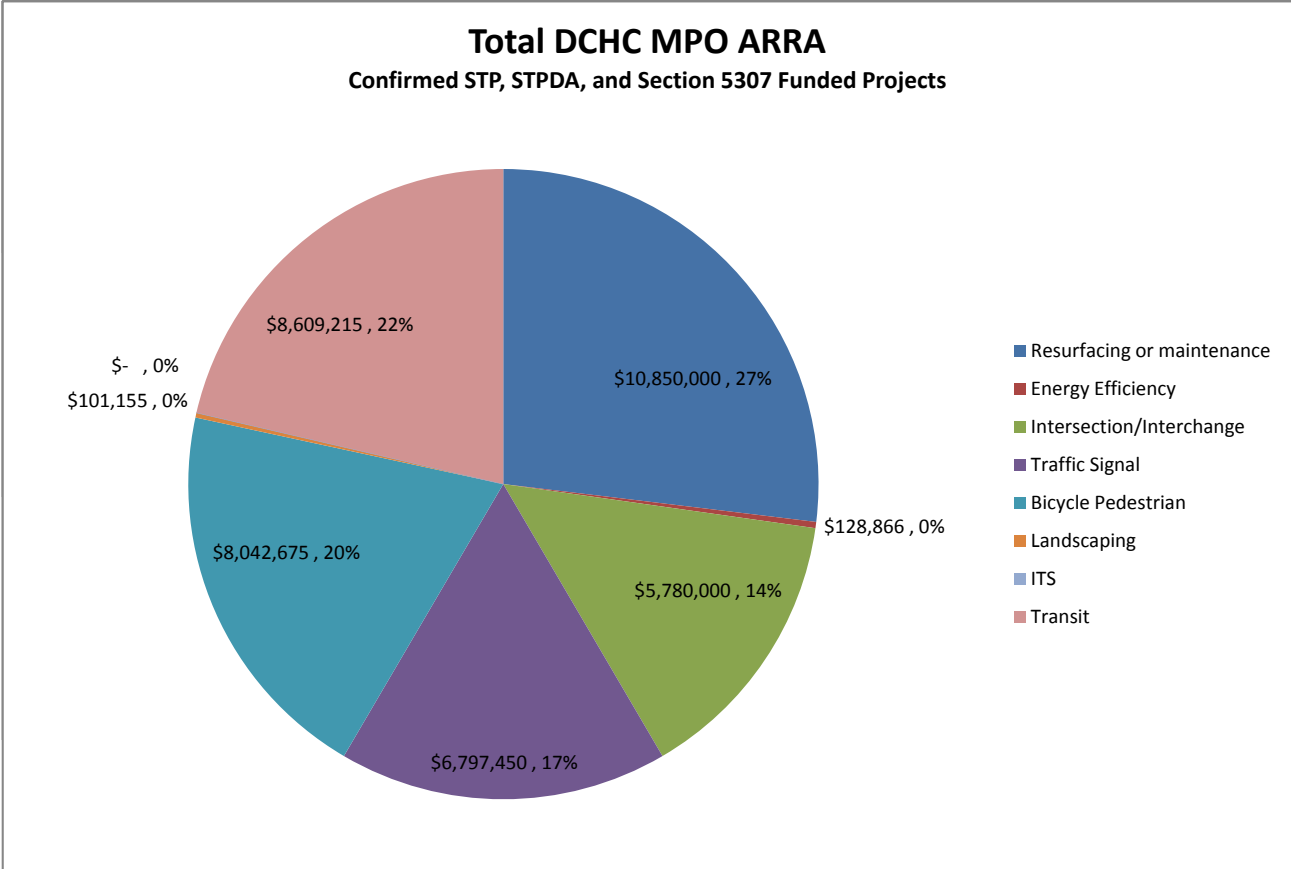
American Recovery and Reinvestment Act  
Contingency Projects Table - Unfunded

TIP #	Location	Description	Grant filed in TEAM 7/1/2009	Grant approved	Total Federal	Other Funding	Total Project Funds
		TOTAL AVAILABLE					
		DATA					
TA-4823	Durham	4 Hybrid Replacement Buses			\$2,200,000		\$2,200,000
		DATA Projects			\$2,200,000		
		CHT					
T-XXXX	Chapel Hill	Radio System Study and Upgrade			\$500,000		\$500,000
TA-4748	Chapel Hill	2 Paratransit Replacement Vehicles			\$130,000		\$130,000
TG-4732	Chapel Hill	15 Replacement Support Vehicles			\$396,000		\$396,000
TA-4726	Chapel Hill	6 Replacement 40' HB Diesel Buses			\$3,300,000		\$3,300,000
T-XXXX	Chapel Hill	Bus Storage Expansion			\$1,500,000		\$1,500,000
		CHT Projects			\$5,826,000		
		TRIANGLE TRANSIT					
T-4911	Triangle Transit	ITS Project - Real Time Passenger Information			\$500,000		\$500,000
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
		TT Projects			\$3,100,365		
		Total			\$11,126,365		

TIP #	Location	Description	1. Agreement Executed Locally 7/1/2009	1. Agreement Executed by NCDOT	2. Preliminary Engineering Authorization \$44,551	3. Scoping Meeting \$44,551	4. Procuring Professional Services \$89,101	5. Environmental Documentation	6. Design	7. Right-of-Way Certification	8. Construction Authorization 10/1/2009	9. Procuring Construction Services 1/1/2010	Total Federal	Other Funding	Total Project Funds
U-4726	Carrboro - Pine Street	Sidewalk on one side from Greensboro to Hillsborough											\$232,500		\$232,500
U-4726	Carrboro - Davie Road	Sidewalk on one side from Fidelity to Main											\$264,500		\$264,500
U-4726	Chapel Hill - Ephesus Church Road	Sidewalk Construction											\$58,000		\$58,000
X-XXXX	Durham - Renaissance Pkwy	Installation of a traffic signal (flasher) at Leonardo											\$30,000		\$30,000
U-4726	American Tobacco Trail	Construction of trailhead parking lot at Scott King Road											\$200,000		\$200,000
U-4726	Durham Markham Ave. N/S	Sidewalk Construction (Washington to Avondale)											\$275,000		\$275,000
X-XXXX	Durham	Painting of RR bridge underpasses on Chapel Hill Street and Roxboro Street											\$200,000		\$200,000
U-4726	Durham	Easy to Construct Sidewalks Along DATA Routes											\$600,000		\$600,000
		Total											\$ 1,860,000		

**Confirmed STP, STPDA, and Section 5307 Funded Projects**

Resurfacing or maintenance	\$	10,850,000
Energy Efficiency	\$	128,866
Intersection/Interchange	\$	5,780,000
Traffic Signal	\$	6,797,450
Bicycle Pedestrian	\$	8,042,675
Landscaping	\$	101,155
ITS	\$	-
Transit	\$	8,609,215
<b>Total</b>	<b>\$</b>	<b>40,309,361</b>





# CMAQ PROGRAM - REV. PROJECT SELECTION & PROGRAMMING

NOVEMBER 26, 2008

TCC 5/27/09 Attachment 6

PAGE 1 OF 2

The North Carolina Department of Transportation (NCDOT) is soliciting proposals for candidate transportation projects to be considered for funding under the Congestion Mitigation & Air Quality (CMAQ) Improvement Program for the Federal Fiscal Years 2013 – 2017. Metropolitan Planning Organizations (MPO) and Rural Planning Organizations (RPO) responsible for transportation planning in air quality non-attainment or maintenance areas are invited to work cooperatively with their member jurisdictions to develop & submit candidate project proposals to be programmed in the 2011 – 2017 State Transportation Improvement Program (STIP).

Please note the following requirements for all candidate projects:

- **APPLICATION** – All candidate project proposals require a completed CMAQ application and supporting details. This information is necessary to adequately determine the CMAQ eligibility of each proposal based on Federal guidance.

A copy of the CMAQ application is attached; in addition, the application may be downloaded in Microsoft Word format from the [NCDOT E-forms database](#) (search for "CMAQ Application").

- **FEDERAL PROJECT REQUIREMENTS** - Since the CMAQ program is funded by the Federal Highway Administration (FHWA), all CMAQ projects must follow Federal laws and regulations. The *CMAQ Program Implementation Project Manager's Guide*, which can be found on the [Transportation Planning Branch website](#), explains these requirements.

**MPO/RPO ENDORSEMENT** – All candidate project proposals require endorsement by the associated MPO/RPO. Endorsement may be demonstrated through resolution or letter of support. A single letter or resolution endorsing all candidate project proposals within the MPO/RPO is acceptable. An example resolution is attached.

It is the responsibility of each individual MPO/RPO to evaluate candidate project proposals and prioritize them based on the anticipated air quality emissions benefits; cost of construction or implementation and/or priorities of the MPO/RPO.

Candidate statewide project proposals also require endorsement of the associated MPO(s) or RPO(s). Sponsors of candidate statewide project proposals should coordinate directly with these groups for endorsement. The current contact for each MPO/RPO in North Carolina can be found in the directory on the NCDOT website ([Metropolitan Planning Organizations - MPO](#) or [Rural Planning Organizations - RPO](#)).

- **PROJECT LOCATION** – CMAQ funds may only be expended within air quality non-attainment and maintenance areas, as listed below. Counties marked with an asterisk (\*) are only partially designated non-attainment or maintenance; candidate project proposals within these counties must be within the non-attainment or maintenance portion of the county.

Cabarrus	Davidson	Forsyth	Granville	Iredell*	Mecklenburg	Person	Union
Catawba	Durham	Franklin	Guilford	Johnston	Nash	Rowan	Wake
Chatham*	Edgecombe	Gaston	Haywood*	Lincoln	Orange	Swain*	

**THE DEADLINE FOR RECEIPT OF CANDIDATE PROJECT PROPOSALS BY NCDOT IS FRIDAY, SEPTEMBER 4, 2009**



# CMAQ PROGRAM - REV. PROJECT SELECTION & PROGRAMMING

NOVEMBER 26, 2008

TCC 5/27/09 Attachment 6

PAGE 2 OF 2

- **ELIGIBLE PROJECT TYPES** – Eligible project types are defined in The Congestion Mitigation and Air Quality (CMAQ) Improvement Program under the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users Interim Program Guidance. Please review these guidelines before project proposals are developed.
- **MINIMUM PROJECT COST** – Individual candidate project proposals will be subject to a minimum cost threshold of **\$100,000**.
- **SUBMISSION OF PACKAGES** - All candidate project proposal packages must be submitted in hard copy format. Email submissions are not allowed. The deadline for receipt of packages is **September 14, 2009**.
- Any funds not programmed for eligible projects through this process will revert to the unprogrammed CMAQ fund balance and be redistributed during the next TIP cycle according to the NCDOT CMAQ Allocation Formula.
- **FUNDING FOR CMAQ PROJECTS IS SUBJECT TO THE AVAILABILITY OF FUNDS. NCDOT RESERVES THE RIGHT TO DENY FUNDING FOR ANY CANDIDATE PROJECT PROPOSAL, PENDING FUNDING AVAILABILITY. IN THIS EVENT, NCDOT WILL WORK WITH THE MPO/RPO AND LOCAL PROJECT SPONSORS TO DETERMINE THE FINAL LIST OF APPROVED CMAQ PROJECTS BASED ON ACTUAL FUNDING AVAILABILITY.**

## TIMELINE FOR PROGRAMMING FY 2013 – FY 2017 TARGET FUNDS FOR INCLUSION IN 2011 – 2017 STIP

November 26, 2008	Proposal solicitation process begins
April 1, 2009 – June 1, 2009	Informational sessions held to educate potential project sponsors on CMAQ awards with respect to Federal Aid funding process & requirements
September 4, 2009	Deadline for receipt of candidate project proposals by NCDOT
September 14, 2009 – December 11, 2009	Interagency review of submitted proposals & follow up coordination with sponsors, as needed.
December 18, 2009	Approved CMAQ project list submitted to TIP Development Unit for inclusion in Final 2011 – 2017 STIP
June 3, 2010	Final BOT approval of 2011 -2017 STIP, including approved CMAQ projects

**THE DEADLINE FOR RECEIPT OF CANDIDATE PROJECT PROPOSALS BY NCDOT IS FRIDAY, SEPTEMBER 4, 2009**

DURHAM-CHAPEL HILL-CARRBORO MPO CMAQ SUMMARY

STIP #	Original STIP	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
C-4927	2006 - 2012	\$ 587,337.00	\$ 587,337.00	\$ 587,337.00									
C-4928	2006 - 2012				\$ 222,180.00	\$ 222,180.00							
C-4929	2006 - 2012	\$ 12,800.00	\$ 12,800.00	\$ 12,800.00									
C-4930	2006 - 2012	\$ 469,869.00	\$ 469,869.00	\$ 469,869.00									
C-4931	2006 - 2012	\$ 12,500.00	\$ 13,000.00	\$ 13,520.00									
C-4932 A	2006 - 2012			\$ 22,242.00	\$ 41,104.00	\$ 41,104.00	\$ 41,104.00						
C-4924 B	2006 - 2012	\$ 40,000.00	\$ 40,000.00	\$ 40,000.00									
C-4402	2006 - 2012		\$ 100,000.00	\$ 364,000.00	\$ 364,000.00								
C-5102 B	2009 - 2015				\$ 275,000.00	\$ 304,000.00	\$ 279,000.00	\$ 299,000.00					
C-5103 (PURCH)	2009 - 2015				\$ 864,000.00								
C-5103 (OP)	2009 - 2015				\$ 238,000.00	\$ 247,000.00							
C-5104 (PURCH)	2009 - 2015				\$ 1,360,000.00								
C-5104 (OP)	2009 - 2015				\$ 91,000.00	\$ 94,000.00	\$ 97,000.00						
<b>Programmed Target Allocation</b>		\$ 1,122,506.00	\$ 1,223,006.00	\$ 1,509,768.00	\$ 3,455,284.00	\$ 908,284.00	\$ 417,104.00	\$ 299,000.00	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Yearly Target Allocation</b>		\$ 1,333,200.12	\$ 1,333,200.12	\$ 1,333,200.12	\$ 1,333,200.12	\$ 1,333,200.12	\$ 1,333,200.12	\$ 1,333,200.12	\$ 2,036,431.99	\$ 2,036,431.99	\$ 2,036,431.99	\$ 2,036,431.99	\$ 2,036,431.99
<b>Unprogrammed Target Allocation</b>		\$ 210,694.12	\$ 110,194.12	\$ (176,567.88)	\$ (2,122,083.88)	\$ 424,916.12	\$ 916,096.12	\$ 1,034,200.12	\$ 2,036,431.99	\$ 2,036,431.99	\$ 2,036,431.99	\$ 2,036,431.99	\$ 2,036,431.99

Target Funds Remaining from 2004 Call = \$ 397,448.84

Target Funds Available for 2011-2017 STIP = \$ 8,145,727.98 (Based on assumed total NC CMAQ funding allocation of \$30,000,000 per year . The exact amount of CMAQ funds is subject to change based on funding availability.)

## MEMORANDUM

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

**From:** DCHC MPO Lead Planning Agency

**Date:** May 13, 2009

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

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This memorandum provides a summary status of tasks for projects in the FY 2008-2009 Unified Planning Work Program.

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

### **2008-09 Unified Planning Work Program (UPWP) – Projects**

#### **Long Range Transportation Plan (LRTP) / Comprehensive Transportation Plan (CTP) Update**

- ✓ Draft schedule – August 2006
- ✓ Release SE Data for public comment – January 2007
- ✓ Release Goals and Objectives for public comment – July 2007
- ✓ TAC approve SE Data – September 2007
- ✓ Goals and Objectives – TAC hold public hearing, September 2007, and approve, October 2007.
- ✓ TAC approve Targets – February 2008
- ✓ TAC review Deficiency Analysis – March 2008
- ✓ TAC review Land Use Scenarios – May 2008
- ✓ TAC review LRTP Alternatives – August 2008
- ✓ Public Outreach for Alternative – August-September 2008
- ✓ Public Hearing on the LRTP Alternative – September 10, 2008
- ✓ Release of the Preferred Option for Public Comments and Input – October 2008.
- ✓ Public Hearing on the Preferred Option – November 12, 2008
- ✓ Approval of 2035 LRTP to be used for air quality analysis – February 2009
- ✓ Air analysis and Inter-Agency Coordination – February 2008 to March 2009
- ✓ Release of draft 2035 LRTP Conformity report – March 2009
- TAC approval of LRTP Conformity Determination – May 2009

#### **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 March/April 2009  
Notice to Proceed – April/May 2009  
Study completion – February/March 2010

**MPO Parking Survey and Study (to be undertaken in 2009)**

- Parking model specification
- Regional Coordination
- Draft scope of services
- Request for Proposal notice – July 2009
- Consultant selection September/October 2009
- Council contract approval November/December 2009
- Project commences – January/February 2010

**Commercial Vehicle/Freight Survey**

- ✓ Model specification - September 2008
- ✓ RFP/Scope of services - September/October 2008
- ✓ Consultant Selection – November 2008
- ✓ Notice to Proceed/Project Kick-off – December 2008
- ✓ Field survey/data collection underway
- ✓ Consultant selected
- ✓ Notice-to-Proceed issued
- ✓ Project underway

**GIS/Data Integration and Automation**

- ✓ Phase I in progress
  - ✓ Initial Kick of meeting and scan completed
  - ✓ Initiation Workshop report completed
  - ✓ Draft Requirement Assessment & Application Development Report - October 2008
- GIS Warehouse Design & Implementation - underway  
Functional TELUDE Development -underway  
Development of Common Maps, Models & Reports  
TELUDE Implementation, Testing and Evaluation  
TELUDE Computing Environment  
Deployment, Documentation, Users Guide and Training

**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
- Database for UrbanSim model - underway
- Phase 1 model development - underway
- Demographic and Economic Transition Models
- Household and Job Location Choice Models
- Development Models
- Price Models
- Accessibility and TRM Interface
- Integration of Model Outputs
- Training, documentation, User's manual
- Final Presentation

### **Non-Motorized Model development**

- ✓ Phase 1 completed.
- Phase 2 underway awaiting the completion of LRTP modeling tasks
  - Update and enhancement of Generation Choice Models
  - Revision and revalidation of Destination choice models
  - Development of improved Model Choice model
  - Prepare and implement new TransCad routines to implement new models
  - Documentation, User's manual, and training
  - Project completion date anticipated in 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.

### **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 at June TAC

#### **MPO Collector Street Plan**

- ✓ Supplemental Agreement with Kimley Horn and Associates
- ✓ Data collection underway
- Completion of study and integration with the 2035 LRTP in Spring 2009

#### **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 - winter 2008/2009

**Contract Number:** C200840 **Route:** NC-54  
**Physical Division:** 5 **County:** Durham, Wake  
**Administrative Division:** 5 **TIP Number:** R-2904, U-4026  
**Length:** 6.363 miles **Federal Aid Number:** STP-54(5)  
**Resident Engineer:** Jeffrey D. Allen, PE **RE Phone Number:** (919)733-9499  
**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 **Cost Overrun/Underrun:** 5.68%  
**Availability Date:** 2/5/2007 **Letting Date:** 12/19/2006  
**Completion Date:** 11/1/2009 **Work Began:** 2/19/2007  
**Revised Completion Date:** 11/22/2009 **Estimated Completion:** 11/1/2009  
**Last Estimate Thru:** 3/31/2009 **Scheduled Progress:** 65.8%  
**Last Estimate Paid:** 4/7/2009 **Actual Progress:** 75.5%

**Contract Number:** C201487 **Route:** US-15  
**Physical Division:** 5 **County:** Durham  
**Administrative Division:** 5 **TIP Number:** B-3450, U-4009, U-4012  
**Length:** 1.769 miles **Federal Aid Number:** BRSTP-1116(6)  
**Resident Engineer:** Chad D. Hinnant **RE Phone Number:** (919)220-4680  
**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 **Cost Overrun/Underrun:** 1.47%  
**Availability Date:** 10/1/2007 **Letting Date:** 8/21/2007  
**Completion Date:** 8/1/2010 **Work Began:** 10/1/2007  
**Revised Completion Date:** 8/3/2010 **Estimated Completion:** 8/3/2010  
**Last Estimate Thru:** 3/31/2009 **Scheduled Progress:** 32.4%  
**Last Estimate Paid:** 4/30/2009 **Actual Progress:** 35.6%

**Contract Number:** C201783 **Route:** SR-1839  
**Physical Division:** 5 **County:** Durham, Wake  
**Administrative Division:** 5 **TIP Number:** B-3528  
**Length:** 0.284 miles **Federal Aid Number:** BRZ-1839(1)  
**Resident Engineer:** Cadmus Capehart, PE **RE Phone Number:** (919)840-0914  
**Location Description:** CULVERT ON SYCAMORE CREEK AND APPROACHES ON SR-1839.  
**Type of Work:** GRADING, DRAINAGE, PAVING & STRUCTURE.  
**Contractor Name:** MOUNTAIN CREEK CONTRACTORS, INC.  
**Contract Amount:** \$1,174,705.74 **Cost Overrun/Underrun:** 7.88%  
**Availability Date:** 4/28/2008 **Letting Date:** 3/18/2008  
**Completion Date:** 5/15/2009 **Work Began:** 5/12/2008  
**Revised Completion Date:** **Estimated Completion:** 5/15/2009  
**Last Estimate Thru:** 3/15/2009 **Scheduled Progress:** 82%  
**Last Estimate Paid:** 3/25/2009 **Actual Progress:** 81.18%

**ACTIVE NCDOT PROJECTS LOCATED IN ORANGE COUNTY - DCHC WFO** TC 08/09 Attachment 10

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	41488	US 15-501 @ SR 1900 (Old Mason Farm Road)	Extend the left turn lane on northbound US 15-501 , revise the signal and add a right turn lane at SR 1900	\$147,500.00	FA const. complete 10/23/08; UNC-CH to install ped heads & crosswalks by M.A.-signal design approved
Orange	41593	Union Street	Construct 750 feet of sidewalk and a crosswalk to connect Hillsborough Elementary School to SR 1156 (Nash St.)	\$32,000.00	Town to include as part of large STP-DA sidewalk contract for Nash St.-Enc. Agreement under review; MA pending more information
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 pending utility relocation; delayed
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. delayed; may need electric power
Orange	42501	US 15/501/NC54 (Fordham Blvd.) at SR 1900 (Old Mason Farm Rd.)	Construct bus pulloffs on both sides	\$140,000	Municipal Agreement pending
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	B-4218	SR 1730 (Turkey Farm Rd.)	Replace Bridge # 108 over New Hope Creek	\$750,000.00	Dane Const., Inc. = <b>32.18% complete</b>
Orange	B-4592	SR 1561 (Lawrence Rd.)	Replace Bridge # 64 over the Eno River	\$1.6 million	Sanford Contractors, Inc. = <b>11.26 % complete</b>

**ACTIVE NCDOT PROJECTS LOCATED IN ORANGE COUNTY - DCHC WFO** TCO #02/09 Attachment 10

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	Design pending field review and survey
<b>NCDOT PROJECTS CURRENTLY IN 12 MONTH LETTING LIST</b>					
<b>County</b>	<b>TIP #</b>	<b>Route</b>	<b>Location Description</b>	<b>TIP Est.</b>	<b>Est. Let Date</b>
Orange	B-4216	SR 1002 (St. Mary's Road)	Replacement of Bridge # 66 over Stroud's Creek	<b>\$875,000</b>	Jan. 19, 2010
Orange	I-4716	I-40	Grind and reseal joints on I-40 from I-85 to Durham Co. ( Scope may be revised)	\$1.05 million	Sept. 15, 2009
Orange	U-0624	NC 86 (S. Columbia St.)	Corridor upgrade including Bicycle lanes from SR 1906 (Purefoy Rd.) to SR 1902 (Manning Dr.)	\$4.40 million	July 21, 2009
Orange	U-4704	Chapel Hill- Carrboro	Computerized Traffic Signal System	\$5.0 million	April 21, 2009