

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

**February 25, 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 January 28, 2009 TCC Meeting Minutes
(Attachment 4)**

A copy of the January 28, 2009 minutes is enclosed as Attachment 4.

TCC Action: Approve minutes of the January 28, 2009 TCC meeting.

**5. American Recovery and Reinvestment Act of 2009
(Attachment 5, 5A, 5B, 5C)
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 100 percent federal with no local match requirements. Attachment 5 is a memo on the American Recovery and Reinvestment Act of 2009. Attachment 5A is a FHWA summary of the legislation.

The NCDOT has identified a set of projects to be funded by the “first wave” of stimulus funding. Attachment 5B is a list of NCDOT’s projects in Division 5, 7, and 8. The DCHC MPO will need to make an administrative modification to the 2009-2015 Metropolitan Transportation Improvement Program to include these projects. Attachment 5C provides background on what can be included in an administrative modification because the MPO currently has a non-SAFETEA-LU compliant LRTP.

A portion of the funding is sub-allocated to the urbanized area through the Surface Transportation Program (STPDA). NCDOT has estimated that the DCHC MPO will receive \$7.89 million of STPDA funding through the ARRA. The DCHC MPO will need to discuss the

process by which we will select projects for these funds.

A portion of the funding is also sub-allocated to the urbanized area through the Section 5307 transit program. FTA has estimated that the DCHC MPO will receive \$8,377,719 in 5307 funds. The DCHC MPO will need to send a letter to FTA that includes how the funding will be split among the transit operators.

TCC Action: Receive an update on the American Recovery and Reinvestment Act of 2009 including both State and sub-allocated funds. Discuss the procedure for allocation of the DCHC MPO STPDA and 5307 sub-allocation. Discuss the procedure for modification of the 2009-2015 MTIP. Schedule subcommittee meetings as needed.

6. 2035 Long Range Transportation Plan Report and Air Quality Conformity Analysis and Determination Report

(Attachment 6, 6B)

Andy Henry, LPA Staff

At their February meetings, the TACs for the DCHC MPO and the Capital Area Metropolitan Planning Organization (CAMPO) approved the 2035 Long Range Transportation Plan (LRTP) and Socio-economic Data (SE Data) for use in the air quality conformity process. These approvals cleared the way for drafting the full 2035 LRTP and the Air Quality Conformity Analysis and Determination reports and releasing the reports for public comment. However, several processes in the Triangle Regional Model (TRM) and air quality emissions model must be completed to produce critical data for these two reports. These processes will not be completed before the March 11, 2009 TAC meeting, at which time the TAC is scheduled to release the reports for public comment. Staff proposes the following actions to keep the 2035 LRTP on schedule:

Action	Date
TCC review and discuss table of contents for full 2035 LRTP and Air Quality Conformity Analysis and Determination. Make recommendation to TAC	2/25/09
TAC review full 2035 LRTP and Air Quality Conformity reports excluding data from final TRM and Air Quality modeling; authorize staff to release reports with modeling data for public comment, when available.	3/11/09
Staff release 2035 LRTP and Air Quality Conformity reports	3/25/09
TAC hold public hearing for Conformity Report	4/8/09
TAC approve 2035 LRTP and Air Quality Conformity Report	5/13/09
Federal approval of 2035 LRTP	June 15, 2009 deadline unlikely to be met

Attachment 6 is a copy of the table of contents for the full 2035 Long Range Transportation Plan report. As shown in the attachment, the TAC has already reviewed and approved the content of many sections of this report throughout the LRTP development process. The new information, or that which has not been reviewed in the LRTP development process, has been added to comply with federal regulations or assist the reader in understanding the Plan.

Attachment 6A is a copy of the table of contents for the Air Quality Conformity Analysis and Determination report. This report and the related public review process is to ensure that the 2035 LRTP complies with state pollutant emissions budgets that have been set under federal air quality regulations.

At the time of this agenda publication, it is not known whether the 2035 LRTP meets the air quality budgets. The schedule in the table above will be delayed if the 2035 LRTP does not meet the budgets

TCC Action: Review the proposed contents for the 2035 LRTP and Air Quality Conformity Analysis and Determination reports, and recommend that the TAC release the full reports for public comment when the complete reports are available.

7. 2009-2010 Unified Planning Work Program

(Attachment 7, 7A, 7B)

Felix Nwoko, LPA Staff

Annually, the DCHC MPO is required by federal regulations to prepare a Unified Planning Work Program (UPWP) that details and guides the urban area transportation planning activities. Funding for the UPWP is provided on an annual basis by the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA). Essentially, the UPWP provides yearly funding allocations to support the ongoing transportation planning activities of the DCHC MPO. The UPWP must identify MPO planning tasks to be undertaken with the use of federal transportation funds, including highway and transit programs. Tasks are identified by an alphanumeric task code and description.

Action	Date
TCC recommends draft 2009-2010 UPWP	1/28/09
TAC releases draft 2009-2010 UPWP for public comment	2/11/09
TAC holds public hearing on draft 2009-2010 UPWP	3/11/09
TAC approves final 2009-2010 UPWP	3/11/09
NCDOT deadline for receipt of 2009-2010 UPWP	3/31/09

Attachment 7 is a staff memo summarizing the 2009-2010 UPWP. Attachment 7A is the recommended final 2009-2010 UPWP. Attachment 7B is an updated STP-DA table that reflects the de-obligation of funds from the 2008-2009 UPWP and the funds proposed in the 2009-2010 UPWP (to be handed out at the meeting).

TCC Action: Recommend that the TAC approve the FY 2009-2010 Unified Planning Work Program (Attachment 7A).

8. U-3808 Elizabeth Brady Road

(Attachment 8)

Dawn Qiu, LPA Staff

At the January TAC meeting, the TAC asked LPA staff to evaluate the Elizabeth Brady Road extension and a set of highway transportation projects in Hillsborough for purposes of determining priorities for the FY 2011-2017 Transportation Improvement Program. Attachment

8 is a summary of the LPA staff's analysis.

TCC Action: Review the analysis of the Elizabeth Brady Road extension. Make a recommendation to the TAC on how to proceed.

REPORTS FROM STAFF:

- 9. Reports from Staff**
(Attachment 9)
Felix Nwoko, LPA Staff

TCC Action: Receive Report from staff

- 10. Report from the Chair**
Mark Ahrendsen, TCC Chair

TCC Action: Receive Report from TCC Chair

- 11. NCDOT Report**
(Attachment 11)
Wally Bowman, Division 5 – NCDOT
Mike Mills, Division 7 – NCDOT

INFORMATIONAL ITEMS

- 12. Letter from Chatham County to NCDOT re Transportation Reform**
(Attachment 12)

Adjourn
Next meeting: March 25, 2009

TECHNICAL COORDINATING COMMITTEE

January 28, 2009

MINUTES OF MEETING

The Technical Coordinating Committee met on January 28, 2009 at 9:00 a.m. in the Council Committee Room on the second floor of Durham City Hall. The following attended:

- 6 *Mark Ahrendsen City of Durham/Transportation
- 7 *David Bonk Town of Chapel Hill
- 8 ^Tobin Freid Durham City/County Sustainability Manager
- 9 *John Hodges-Copple Triangle J COG
- 10 *Andy Henry City of Durham/Transportation
- 11 *Joey Hopkins NCDOT/Division 5 Engineer
- 12 *Tom King Town of Hillsborough Planning
- 13 *Karen Lincoln Orange County
- 14 *Brian Litchfield Town of Chapel Hill
- 15 *Patrick McDonough Triangle Transit
- 16 *Adena Messinger Town of Carrboro
- 17 *Kumar Neppalli Town of Chapel Hill
- 18 *Felix Nwoko City of Durham/Transportation
- 19 *Pierre Osei Owusu City of Durham/DATA
- 20 ^Liz Rooks Research Triangle Foundation
- 21 *Ed Venable City of Durham/P.W. Engineering
- 22
- 23 Amy Armbruster Triangle Transit
- 24 Ellen Beckmann City of Durham/Transportation
- 25 Bonnie Estees Durham City/Council Planning
- 26 Dale McKeel City of Durham/Transportation
- 27 Ryan Mickles Town of Chapel Hill
- 28 Dawn Qiu City of Durham/Transportation
- 29 Brian Rhodes City of Durham/Transportation
- 30 Brad Wall NCDOT – Division 7 Engineer (not a designated
- 31 alternate)
- 32 David Willauer IEM, Inc.

33
34 *Voting Member

35 ^Temporary Non-voting Member

36 Quorum Count: 14of 16 Voting Members Present

37

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

41

42 Mark Ahrendsen, TCC Chair called the meeting to order at 9:06 a.m.

43 **PRELIMINARIES:**

44 **Adjustments to the Agenda**

45 There were no adjustments to the agenda.

46 **Public Comments**

47 There were no public comments.

48 **ACTION ITEMS:**

49 **Approval of December 17, 2008 TCC Meeting Minutes (Attachment 4)**

50 An amendment was made to the December 17, 2008 TCC Meeting Minutes by Tom King on line
51 188. It should read "that Hillsborough may have submitted an application." A motion was made by
52 Andy Henry and seconded by Kumar Neppalli to approve the December 17, 2008 TCC Meeting Minutes
53 with the amendment noted above. The motion carried unanimously.

54 **2035 Long Range Transportation Plan and Comprehensive Transportation Plan (Attachments 5 and 5A)**

55 Andy Henry provided an update on the 2035 Long Range Transportation Plan and
56 Comprehensive Transportation Plan, along with the attachments.

57 Andy Henry stated that staff found an error in the revenue calculations. We did not discount
58 the major revenue item for the highways and it produced a shortfall of \$561 million. The LPA came up
59 with some recommendations for addressing the error. Attachment 5 is the recommendations that were
60 taken to the TAC in January on how to address the shortfall. Attachment 5A includes concerns that the
61 TAC expressed and staff's response.

62 John Hodges-Copple described the grace period. Pierre Osei-Owusu will follow-up with the FTA
63 about the grace period implications for transit.

64 David Bonk asked if there will be any impediment on planning of the fixed guideway corridors.
65 John Hodges-Copple stated projects that require a federal action will be held up.

66 John Hodges-Copple suggested some revisions to Attachment 5 for clarification. On page 2 of 2;
67 change “The revenues and financing for this project can be assumed to include: toll revenue; bonding
68 based on future toll revenue (effectively extending the toll revenues beyond 2035); and a 2ND round of
69 state highway gap funding (a first round of gap funding supported the Triangle Expressway).” The next
70 paragraph where the years are referenced in both places it should read “2016 through 2035.” Under
71 “Other Options” number 3; the third line where the word “two” is it should read “too.”

72 Andy Henry stated the socio economic data that will be used is the baseline for 2005 and 2015
73 and the transit node socio-economic data will be used for the 2025 and 2035. Staff will include the
74 socio-economic data in the TAC report.

75 Mark Ahrendsen stated the changes were not as significant on the DCHC side but staff needs to
76 make sure the TAC members and the local government are aware. Andy Henry stated he will provide
77 maps comparing the socio-economic data changes.

78 David Bonk asked what will be the schedule for the next LRTP and Felix Nwoko stated he has
79 sent an email to Joe Heugy regarding the schedule. It will start in July 2010.

80 A motion was made by Felix Nwoko and seconded by David Bonk to recommend that the TAC
81 approve the draft 2035 Long Range Transportation Plan using the Transit Node socio-economic data for
82 purposes of completing the air quality conformity analysis with the recommended changes. The motion
83 carried unanimously.

84 **2011-2017 Transportation Improvement Program – Regional Priority List (Attachments 6, 6A, 6B, and**
85 **6C)**

86
87 Mark Ahrendsen provided an introduction for the 2011-2017 Transportation Improvement
88 Program – Regional Priority List, along with the attachments. Ellen Beckmann provided an update and
89 explanation on each attachment.

90 A language change was made to Attachment 6B, Division 7, item 6 as follows: Fordham
91 Boulevard Corridor (Columbia St/US 15-501 South to Ephesus Church Road) sidewalks, wide outside
92 lanes, and transit accommodations.

93 David Bonk questioned the process for one-on-one meetings. He asked who the MPO will talk
94 to at the meetings? Mark Ahrendsen stated they are not sure as nothing has been set up yet.

95 David Bonk asked about the Elizabeth Brady Road. Mark Ahrendsen stated that the TAC has not
96 made a decision yet; they are still waiting on staff to collect information because they want to know the
97 impact of the other projects. Felix Nwoko stated the Service Bureau has said they can't do the analysis.

98 A motion was made by Felix Nwoko and seconded by David Bonk to recommend that the TAC
99 receive and approve the combined-mode final Regional Priority List. The motion carried unanimously.

100 **FY 2008-2009 Unified Planning Work Program – Amendment #4 (Attachment 7 and 7A)**

101 Felix Nwoko provided an introduction for the FY 2008-2009 Unified Planning Work Program –
102 Amendment #4, along with the attachments. Felix Nwoko stated that this is the last amendment. Felix
103 Nwoko stated that the LPA staff has not received any information from the Town of Chapel Hill
104 regarding de-obligation or reshuffling of funds.

105 Patrick McDonough asked about Triangle Transit funds for the transit study/fixed guideway and
106 Felix Nwoko stated this doesn't include Triangle Transit.

107 Felix Nwoko stated the title is incorrect on Attachment 7 on page 2. It should be "STP-DA
108 Section 104(4) Funds."

109 Bruce Litchfield stated that Chapel Hill Transit will submit their de-obligation to LPA staff by the
110 end of the week so it can be sent out to all TCC members for review.

111 John Hodges-Copple clarified what is being done by staff. They are taking funds that we know
112 aren't going to be spent this year and de-obligating it so it is available next year. Felix Nwoko stated the
113 March 1st deadline does not apply to 5307 funds.

114 Mark Ahrendsen stressed that Chapel Hill Transit and Triangle Transit should contact LPA staff
115 about any de-obligation by the end of the week. Ellen Beckmann suggested having a subcommittee
116 meeting prior to the TAC meeting if needed.

117 Andy Henry made a change to Attachment 7A, page 2, II,B,4, Travel Survey under Local 20% the
118 figure should be 0 not 200,000 and that will change the total on the bottom as well by 200,000. Felix
119 Nwoko stated he will correct it.

120 A motion was made by Felix Nwoko and seconded by David Bonk to recommend that the TAC
121 adopt the resolution regarding Amendment #4 to the 2008-2009 UPWP with the changes noted above.
122 The motion carried unanimously.

123 David Bonk stated that the Town of Chapel Hill has just received a bill from NCDOT for \$85,000
124 for the sidewalk along US 15-501 South. There was an interlocal agreement which makes reference to
125 STP-DA as the source of funding with an 80/20 split.

126 **Draft FY 2009-2010 Unified Planning Work Program (Attachments to be handed out at TCC Meeting)**

127 Felix Nwoko provided an introduction for the Draft FY 2009-2010 Unified Planning Work
128 Program, along with the attachments that were distributed at the beginning of the meeting.

129 Felix Nwoko has not received information from people and he needs help from the transit
130 operators. Transit operators need to decide how much 5307 funds will be used for planning.

131 Bruce Litchfield stated that the Town of Chapel Hill sent theirs last night. Mr. Litchfield stated
132 that the Town of Chapel Hill is not assuming any 5307 money for planning next year as they will be
133 spending STP-DA for planning.

134 David Bonk asked if there will be a rescission of PL funds? Felix Nwoko stated they will approve
135 and amend as needed. David Bonk asked if any stimulus money will go to planning or just shovel ready
136 projects.

137 John Hodges-Copple stated of the new initiatives that needs to be reflected is there will be work
138 next year on the development of the SIP on the air quality side. Also, staff needs to check to make sure
139 regional planning & air quality funds match the STPDA table specifically on the TJCOG portion.

140 A motion was made by David Bonk and seconded by Pierre Osei-Owusu to recommend that the
141 TAC release the draft FY 2009-2010 Unified Planning Work Program as amended to include information
142 from the transit operators for public comment. The motion carried unanimously.

143 **Section 5307 and 5340 Distribution (Attachment 9)**

144 Mark Ahrendsen provided an introduction for the Section 5307 and 5340 Distribution, along
145 with the attachment.

146 A motion was made by Felix Nwoko and seconded by Pierre Osei-Owusu to recommend that the
147 TAC endorse the distribution formula for Section 5307 funds and that the Chair send a letter to NCDOT
148 regarding this distribution.

149 Bruce Litchfield stated that the Town of Carrboro population is not included in the formula and
150 it should be to be more equitable. Mark Ahrendsen stated the numbers need to be reflected in the
151 national formula and then in the local formula. It needs to be reported to NTD.

152 Andy Henry stated he will add “using the same formula as last year” in the agenda that is taken
153 to the TAC. The motion carried unanimously.

154 **2009 Statewide Fast-Tracked Congestion Mitigation Air Quality (CMAQ) Project Endorsement – NC**
155 **Solar Center (Attachments 10 and 10A)**

156
157 Ellen Beckmann provided an introduction for the 2009 Statewide Fast-Tracked Congestion
158 Mitigation Air Quality (CMAQ) Project Endorsement – NC Solar Center, along with the attachments.

159 Ellen Beckmann stated this item needs MPO endorsement. John Hodges-Copple described the
160 project. Tobin Freid described what the funds can be used for to TCC members.

161 A motion was made by Felix Nwoko and seconded by Andy Henry to recommend that the TAC
162 approve the resolution endorsing the “Clean Fuel Advanced Technology II” project for 2009 Statewide

163 Fast-Tracked CMAQ funding and notify the Call for Projects to a wider distribution. The motion carried
164 unanimously.

165 Ellen Beckmann will notify Ann of the TCC deadline and the action taken.

166 **Transportation Demand Management – Report (Material available on TJ COG website)**

167 Dale McKeel provided an update on the 7-Year Transportation Demand Management plan
168 implementation. The hotspots are: Research Triangle Park, NCCU/Downtown/Duke, UNC, CH-C, NCSU,
169 and downtown Raleigh. An oversight committee (TJ COG, both MPO's, State Division of Air Quality,
170 Federal Highway Administration, and NCDOT) has been set up and meets regularly.

171 John Hodges-Copple stated the Call for Projects is guided by the 7-year TDM plan. The funding
172 is in four categories: local hot spots-direct services; regional services done by Triangle Transit; TDM
173 requirements and ordinances; and special projects. Amy Armbruster with Triangle Transit provided a
174 presentation.

175 David Bonk asked if DATA or Triangle Transit are reducing services next year and Patrick
176 McDonough stated no, they are expanding service. Pierre Osei-Owusu stated DATA is not planning to
177 decrease service and they will request expansion.

178 **Economic Stimulus Package (Attachment was distributed at the beginning of the meeting)**

179 Mark Ahrendsen provided an introduction for the Economic Stimulus Package, along with the
180 attachment that was distributed at the beginning of the meeting.

181 Ellen Beckmann stated she did not receive anything from Hillsborough, Chatham County, or
182 Orange County. We tried to meet guidelines set by NCDOT putting the list together. There was
183 uncertainty on what transit projects are eligible, so there are a variety of transit projects. The list was
184 sent to NCDOT yesterday.

185 Patrick McDonough asked about adding a project for contracted commuter service and Ellen
186 Beckmann said she can submit it tomorrow and Patrick McDonough stated he will have it to her
187 tomorrow by noon.

188 **REPORTS FROM STAFF:**

189 **Reports from Staff (Attachment 13)**

190 The Reports from Staff is attached for review.

191 **Report from the Chair**

192 Mark Ahrendsen stated there are conservations of the economic stimulus plan.

193 **NCDOT Report (Attachment 15)**

194 Joey Hopkins, NCDOT Division 5 Engineer, provided an update on projects. The Holloway
195 project is nearing 100%; Pickett Road Bridge is open, but not quite complete; the Davis Drive project is
196 ahead of schedule; US 15-501 service road is on schedule.

197 Liz Rooks asked the status of Hopson Road and Joey Hopkins stated it is about a month away
198 from being done.

199 Kumar Neppalli asked the status of US 15-501/I-40 signal work. Joey doesn't know; but he will
200 find out and get back to Kumar Neppalli.

201 Brad Wall, NCDOT Division 7 Engineer, provided an update on projects. Kumar Neppalli asked
202 why the Franklin/Mallette bid was cancelled. Mr. Neppalli asked if they can add pedestrian signals to
203 the wood poles using Chapel Hill funds and Brad Wall stated he will follow-up and get back to Kumar
204 Neppalli.

205 **INFORMATIONAL ITEMS:**

206 **NCDOT Email Regarding Allocation of STP-DA Funds to Locally-Delivered Projects (Attachment 16)**

207 The NCDOTA Email Regarding Allocation of STP-DA Funds to Locally-Delivered Projects is
208 attached.

209 **Adjournment**

210 There being no further business before the Technical Coordinating Committee, the meeting

211 adjourned at 11:09 a.m.

MEMORANDUM

TO: Technical Coordinating Committee
DCHC MPO

FROM: DCHC MPO Lead Planning Agency

DATE: February 25, 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 funding is 100 percent federal with no local match requirements. Attachment 5A is a summary of the legislation from the Federal Highway Administration. Some of the funds will be distributed to the States and some to the urbanized areas through existing funding programs. There are various deadlines for the obligation of the funds depending on the program. All facilities must be open to traffic within two years.

Additional guidance from FHWA is expected to be complete soon and will be shared with the MPO's partners when it is available. The following memo includes the LPA Staff's current understanding of the legislation and how it will be implemented. The DCHC MPO will need to act quickly to meet the obligation deadlines in the legislation.

DCHC MPO Economic Stimulus Project List

The DCHC MPO submitted an extensive list of potential economic stimulus projects to NCDOT on January 27, 2009. This list was provided to the TCC at the January meeting. The total funding requested on the list was:

- Transit: \$77,548,030
- Bicycle and Pedestrian: \$36,984,217
- Highway: \$35,419,059

The list was developed prior to the final passage of the legislation before the final details were known. As a result, some of the projects on the MPO's list ended up not being eligible for funding. For example, transit operating is not eligible for funding. In addition, the MPO's projects need to be further evaluated in terms of the ability to obligate funds by the deadlines set in the legislation.

State Funds

A portion of the funding was allocated to the States for programming. The States have 120 days to obligate 50 percent of their funds. The NCDOT Highway Divisions have identified a set of projects to be funded by the "first wave" of stimulus funding. Attachment 5B is a list of NCDOT's projects in Division 5, 7, and 8 scheduled to be let March to June funded by

traditional let funds (TL), Garvee bonds (GV), and economic stimulus funds (ES). For the DCHC MPO, there are only Durham County projects included on this list. These five projects are scheduled to be let in June 2009. The DCHC MPO and NCDOT will be evaluating these resurfacing/widening projects for opportunities to add bicycle facilities. The NCDOT expects to develop a “second wave” of stimulus projects that will likely include some unfunded TIP projects.

The State will also receive funding for non-highway projects. The DCHC MPO currently does not have a list of projects being considered for these funds or an implementation schedule.

STP-DA Funds

A portion of the funding is sub-allocated to the urbanized area through the Surface Transportation Program Direct Allocation (STPDA) program. The MPOs have one year to obligate 50 percent of their funds. NCDOT has estimated that the DCHC MPO will receive \$7.89 million of STPDA funding through the ARRA. Unlike regular STPDA funds, these funds will not require a local match.

The DCHC MPO needs to develop a process by which to distribute these funds. The STPDA process that was developed last year allocates funds partially by purpose and partially by population of municipalities. The TCC STPDA Subcommittee met on February 18, 2009, and decided to recommend not using this process for ARRA funds because it might not reflect the most “shovel-ready” projects or the ones most likely to fulfill the purpose of the legislation.

5307 Funds

A portion of the funding is also sub-allocated to the urbanized area through the Section 5307 transit program. For 5307 funds, 50 percent of the funds must be obligated within 180 days of the date that the funding is published in the federal register. These funds can only be used for transit capital – not operating. FTA has estimated that the DCHC MPO will receive \$8,377,719 in 5307 funds. The DCHC MPO will need to send a letter to FTA that includes how the funding will be split among the transit operators. The DCHC MPO needs to decide if the regular formula for apportionment of 5307 funds will be used for the ARRA funds.

TIP and LRTP Administrative Modifications

ARRA funded projects must be in the DCHC MPO’s FY 2009-2015 MTIP and 2030 LRTP. The 2035 LRTP does not have standing until the air quality conformity determination is complete and has been federally approved. The State Board of Transportation also needs to amend the 2009-2015 STIP. The first wave of stimulus projects is expected to be approved by the Board in March.

The DCHC MPO can only do administrative modifications to the MTIP at this time since we do not have a SAFETEA-LU compliant LRTP. Attachment 5C is a description of the difference between amendments and administrative modifications and a page from the code of federal regulations listing what is considered an “exempt” project (93.126).

Any exempt projects can be added, deleted, advanced, delayed, etc. through an administrative modification. Non-exempt projects can only be modified through administrative modifications if the project is already listed in the first four funding years (2009-2012) of the TIP and does not cross the project's air quality horizon year in the LRTP. Non-exempt projects cannot be added to the MTIP or advanced from post-2012 to pre-2012 through an administrative modification.

If the DCHC MPO's 2035 LRTP and air quality determination is not federally approved by June 15, 2009, the DCHC MPO will not be able to do any TIP administrative modifications for any projects until it is approved. Hopefully, this will not be an issue or it will only be a couple of months delay at the most. To avoid this issue, the DCHC MPO should try to do all necessary MTIP administrative modifications by June.

The 2030 LRTP probably will not need to be amended to accommodate these projects. Since any non-exempt project must be in the first four years of the MTIP, these projects should already be in the 2030 LRTP. Exempt projects are also likely already in the 2030 LRTP. If a specific bicycle, pedestrian, or transit project is not listed in the 2030 LRTP, the FHWA has advised that these projects will not require a LRTP amendment because the MPO will still be fulfilling the intent of the LRTP to expand bicycle, pedestrian, and transit facilities. Highway preventative maintenance, resurfacing, intelligent transportation systems, and transportation system management projects are in the 2030 LRTP as general categories and thus are flexible.

Public Involvement

The DCHC MPO Public Involvement Plan includes the following statement regarding public involvement for MTIP amendments:

Amendments to MTIP will be available for public review and comment, if they make a substantial change to the MTIP. A substantial change is classified as the addition or deletion of a project with an implementation cost exceeding \$1 million. Public comment on project additions or deletions of less than \$1 million may be sought at the discretion of the TAC by majority vote. As long as a project's description, scope or expected environmental impact have not materially changed, the TAC may approve changes to project funding without a separate public meeting.

The minimum notification period for MTIP amendments is 21 days. If a public involvement process is necessary, the MTIP administrative modification process will take one extra month.

Schedule

The following schedule for TAC approval of the ARRA funding is shown below. This schedule assumes that the MPO follows a public involvement process for the MTIP administrative modification. This schedule also assumes that the State, STPDA, and 5307 projects are approved in one MTIP administrative modification.

Action	Date
TCC discuss process for ARRA funding	2/25/09
TAC discuss process for ARRA funding	3/11/09
TCC subcommittee meetings and meetings with NCDOT staff on potential projects	February-March
TCC recommendation for 5307 funding split and projects. TCC recommendation for STPDA funds. TCC recommendation for 2009-2015 MTIP administrative modification.	3/25/09
TAC release 2009-2015 MTIP administrative modification for public comment.	4/8/09
TCC update (if necessary).	4/22/09
TAC hold public hearing and approve 2009-2015 MTIP administrative modification TAC approval of 5307 funding split.	5/13/09
Final opportunity for the TAC to approve MTIP administrative modifications before LRTP plan lapse.	6/10/09

TCC Action: Receive an update on the American Recovery and Reinvestment Act of 2009 including both State and sub-allocated funds. Discuss the schedule and procedure for allocation of the DCHC MPO STPDA and 5307 sub-allocation. Discuss the procedure for modification of the 2009-2015 MTIP. Schedule subcommittee meetings as needed.



Summary of Provisions of the American Recovery and Reinvestment Act

Funding:

- \$27.5 billion as supplemental formula grants (FHWA)
 - Available through 09/30/2010
- \$1.5 billion for discretionary grants program (OST)
 - Available through 09/30/2011
- Appropriated from General Fund

Eligibility:

- Surface Transportation Program
- Passenger and freight rail transportation and port infrastructure projects (23 U.S.C. 601(a)(8))

Set-asides:

- \$550 million for Indian reservations and Federal lands
 - \$310 million for Indian Reservation Roads
 - ≤ 4% (\$12.4 million) may be used by DOI for management and oversight
 - \$170 million for Park Roads and Parkways
 - \$60 million for Forest Highway
 - \$10 million for Refuge Roads
 - Priority to capital investments and to projects that can be completed within 2 years of enactment
 - 1 year after enactment, can redistribute unobligated funds within respective program
 - Lake Tahoe region funding does not apply
- \$20 million for Highway Surface Transportation and Technology Training
- \$20 million for Disadvantaged Business Enterprises bonding assistance
- \$105 million for Puerto Rico Highway
- \$45 million for Territorial Highway
- \$60 million for construction of ferry boats and ferry terminal facilities
 - Distribute as competitive discretionary grants to States
 - Priority to projects that can be completed within 2 years of enactment
- ≤ \$40 million for management and oversight
 - Available through 09/30/2012

Distribution:

- Federal share up to 100% of cost
- Apportion 50% using STP formula and 50% using same ratio as FY 2008 distribution of obligation limitation
- Suballocate 33% of funds
 - 3% TE set-aside
 - 30% suballocated by population according to portions under STP requirements
- 120 days after apportionment, withdraw 50% of State funds less obligated amount and redistribute to States with no funds withdrawn (use August Redistribution formula)
 - Suballocated funds not subject to 120-day redistribution requirements
- 1 year after apportionment, withdraw any unobligated funds and redistribute to States with no funds withdrawn (use August Redistribution formula)

- May extend 1 year period due to unworkable bidding environment or other extenuating circumstances
- Before granting extension, Secretary to send explanatory letter to House and Senate Appropriations Committees
- Funding in addition to FY 2009 and FY 2010 funds for Federal-aid highways
- Funding not subject to obligation limitations for Federal-aid highways or highway safety construction programs
- Priority for projects that:
 - Are projected for completion within 3 years
 - Are located in economically distressed areas
- Administer as if apportioned under 23 U.S.C. Chapter 1
- Administer Indian Reservation Roads and Park Roads and Parkways as if apportioned under 23 U.S.C. Ch. 2
- Cannot be obligated for advance construction
- Disadvantaged Business Enterprises rules apply
- Funds must be apportioned no later than 21 days after enactment

Discretionary Grants (OST):

- Federal share up to 100% of cost
- ≤ \$200 million for TIFIA
- For state and local governments to use on longer-range surface transportation projects (including highway, bridge, transit, rail, and port projects)
- Need to demonstrate why their projects have national, regional or metropolitan significance
- Ensure equitable geographic distribution of funds and appropriate balance between urban/rural
- Grants have to be between \$20 – \$300 million (inclusive)
 - May waive minimum for projects in smaller areas
- ≤ 20% of total funds to single State
- Priority to projects that require additional share of Federal funds in order to complete overall financing package and that can be completed within 3 years of enactment
- Publish competitive criteria within 90 days of enactment
- Applications submitted within 180 days of enactment
 - Announce selected projects within 1 year of enactment
- Wage rate requirements for public buildings apply
- ≤ \$5 million for oversight (FHWA, FTA, FRA, MARAD)

General Provisions:

- Sec. 1554 – Contracts awarded as fixed-price contracts through competitive procedures (if possible)
- Sec. 1605 – Use of American iron, steel, and manufactured goods (Buy American)
- Sec. 1610 – Contracts comply with Federal Property and Administrative Services Act and Federal Acquisition Regulation

Transparency:

- Establish Recovery Accountability and Transparency Board
- Establish Recovery Independent Advisory Panel
- Publish plan for using funds on web site (www.recovery.gov)

Maintenance of Effort:

- Within 30 days of enactment, Governor to certify that State will maintain own funding for highway projects, identifying the amount of funds State plans to expend from non-Federal sources between the date of enactment and 09/30/2010
- If unable to maintain level of effort certified, then State prohibited from receiving additional limitation via August Redistribution for FY 2011

Reporting:

- Amount of Federal funds appropriated, allocated, obligated, and outlaid under the appropriation
- Number of projects that have been put out to bid under the appropriation and the amount of Federal funds associated with such projects
- Number of projects for which contracts have been awarded under the appropriation and the amount of Federal funds associated with such contracts
- Number of projects for which work has begun under such contracts and the amount of Federal funds associated with such contracts
- Number of projects for which work has been completed under such contracts and the amount of Federal funds associated with such contracts
- Number of jobs created or sustained by the Federal funds provided for projects under the appropriation and the estimated indirect jobs created or sustained in the associated supplying industries (if possible), including information on job sectors
- Actual aggregate expenditures by each grant recipient from non-Federal sources for projects eligible for funding under the program from enactment date through 09/30/2010, as compared to the level of such expenditures that were planned to occur during such period as of the date of enactment
- Timing of reports – not later than 90 days after the date of enactment and updated reports not later than 180 days, 1 year, 2 year, and 3 years after date of enactment
- Paperwork Reduction Act requirements do not apply to this reporting section

This page last modified on February 20, 2009

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United States Department of Transportation - **Federal Highway Administration**

MARCH TO JUNE PROPOSED LET LIST - DRAFT

DIV	COUNTY	ROUTE	FROM	TO	TIP #	PROJECT DESCRIPTION	LENGTH	EST. COST	MARCH	APRIL	MAY	JUNE	ITEM N JAN 09
5	Warren	SR 1100	Bridge #20		B-3706	Replace Bridge		\$1,000,000		TL			
5	Warren	SR 1600	Bridge #45		B-3921	Replace Bridge		\$1,600,000				TL	
5	Franklin	SR 1146	Bridge #151		B-4114	Replace Bridge		\$800,000	TL				
5	Wake	SR 1301	Bridge #336		B-4302	Replace Bridge		\$2,100,000			TL		
5	Wake	SR 2217	Bridge #143		B-4304	Replace Bridge		\$1,750,000		TL			
5	Warren	US 401	Bridge #4		B-4307	Replace Bridge		\$1,650,000				TL	
5	Granville	SR 1307	Bridge #164		B-4523	Replace Bridge		\$1,350,000				TL	
5	Granville	SR 1309	Bridge #193		B-4524	Replace Bridge		\$850,000				TL	
5	Wake	I-40 and I-440	I-40: Wade Avenue to I-440/US 64	I-440: I-40/US 1/64 to I-40	I-4902	Signing Revisions and Upgrades		\$2,000,000		ES			X
5	Wake	I-40	Wade Ave	I-540	I-5112	Mill, strengthen, resurface		\$10,000,000		GV			X
5	Person	SR 1322	Bridges #59 and #86		R-4906	Replace Bridges		\$1,200,000			TL		X
5	Wake	I-440	Glen Eden	US 1		Bridge Painting		\$1,200,000		ES			
5	Wake	I-440	I-40 (Exit 301)	US 64/264 Bypass (Exit 14)		Replace Bonded Overlay		\$7,000,000			ES		X
5	Wake	I-440	I-40 Interchange	I-40/US 1/64		Install ITS Devices		\$400,000				ES	
5	Wake	I-440	Wake Forest Rd	Wade Ave		Mill, resurface		\$4,000,000		ES			X
5	Wake	I-540	I-40	US 70		Mill, Resurface	4.00	\$4,000,000			ES		
5	Durham	NC 98	SR 1838 (Junction Road)	SR 1811 (Sherron Road)		Mill, resurface	3.80	\$1,500,000				ES	
5	Durham	SR 1004 (Old Oxford Highway)	US 501 Business (N. Roxboro Street)	Granville County Line		Widening, Resurfacing	10.10	\$1,950,000				ES	
5	Durham	SR 1321 (Hillandale/Fulton St.)	I-85	SR 1320 (Erwin Road)		Mill, resurface	1.32	\$350,000				ES	
5	Durham	SR 1973 (Old Page Road)	SR 1926 (Angier Avenue)	SR 1815 (Mineral Springs Road)		Patch, Resurface	0.99	\$150,000				ES	
5	Franklin	US 1	Wake County Line	Vance County Line		Mill, Resurface	12.20	\$4,500,000				ES	
5	Granville	US 158 BYP	US 15	US 158 BUS		Patch, Resurface	3.00	\$500,000				ES	
5	Wake	US 264	US 64	Nash County Line		Mill, Resurface	3.00	\$2,500,000		ES			
5	Durham	US 501 Byp	SR 1443 (Horton Road)	Hudson St.		Mill, resurface	1.90	\$900,000				ES	
5	Wake/Franklin	US 64	US 64/264 Bypass	Nash County Line		Mill, Resurface	11.69	\$7,900,000		ES			
5	Wake	I-40	Wade Ave	I-440/US 1/US 64	I-4744	Widen Mainline to 6 lanes, widen Structures to 8 lanes	6.23	\$49,200,000				GV	X

MARCH TO JUNE PROPOSED LET LIST - DRAFT

TCC 2/25/09 Attachment 5B

DIV	COUNTY	ROUTE	FROM	TO	TIP #	PROJECT DESCRIPTION	LENGTH	EST. COST	MARCH	APRIL	MAY	JUNE	ITEM N JAN 09
7	Alamance	SR 1306/SR 1363 (Mebane St)	SR 1158 (Huffman Mill Road)	NC 54 (Chapel Hill Road)	U-3303	Widen to Multi-lanes	2.40	\$18,600,000	ES				X
7	Guilford	I-85	Concrete US 29-70 Interchange	Groometown Road		Mill & Resurface	1.40	\$4,000,000				ES	X
7	Guilford, Alamance	I-40/85	SR 3056 (Rock Creek Dairy Road)	SR 1311 (University Drive)		Mill & Resurface	5.30	\$10,000,000			ES		X
7	Rockingham	US 29	Guilford County	Troublesome Creek		Concrete Rehab, Shoulder Reconstruct	1.80	\$4,000,000			ES		X

MARCH TO JUNE PROPOSED LET LIST - DRAFT

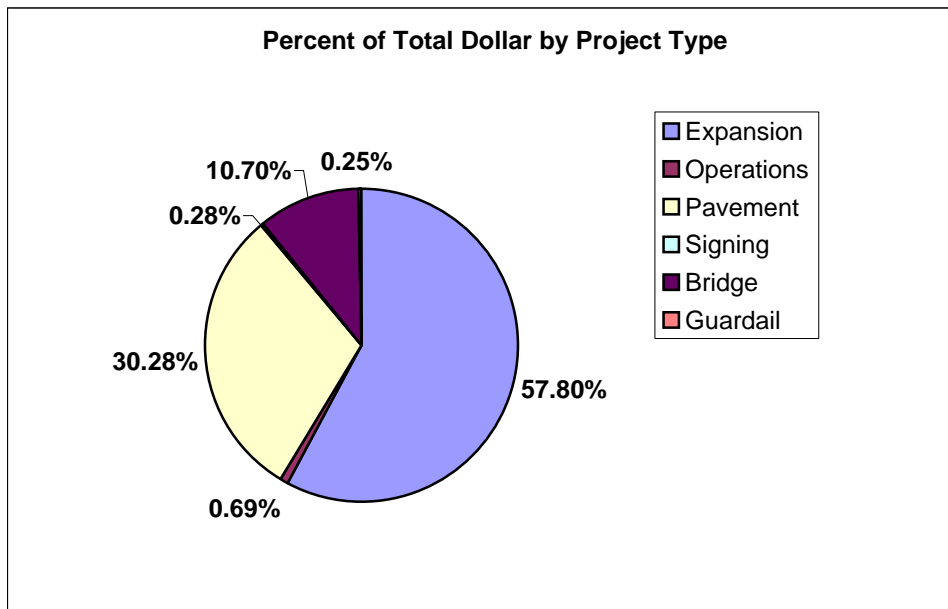
TCC 2/25/09 Attachment 5B

DIV	COUNTY	ROUTE	FROM	TO	TIP #	PROJECT DESCRIPTION	LENGTH	EST. COST	MARCH	APRIL	MAY	JUNE	ITEM N JAN 09
8	Moore	NC 22/24/27	Bridge #43		B-4207	Replace Bridge		\$3,250,000			TL		
8	Richmond	SR 1321	Bridge #129		B-4247	Replace Bridge		\$675,000	TL				
8	Montgomery	NC 24/27	US 220A	US 220 in Biscoe	R-2107B	Widen to Multi-lanes		\$6,000,000	ES				X
8	Scotland	SR 1674 - Lauchwood Drive	US 501	US 15/401 Business	U-5027	Widen, Resurface and Improve		\$3,950,000	ES				X
8	Lee	US 1	US 1 Bus.	SR 1423		Resurface, rehab		\$3,000,000				ES	X
8	Moore	US 1	SR 1309	SR 2175		Paved Shoulders		\$3,000,000				ES	X
8	Lee	NC 78	US 1	SR 1001		Widen to 3 lanes		\$7,000,000				ES	X
8	Moore	NC 24/27	NC 705	Montgomery Co		Widen, Strengthen, add turn lanes		\$5,000,000				ES	X

MARCH TO JUNE PROPOSED LET LIST SUMMARY - DRAFT

Division	Total Trad. Let	Total Economic Stimulus	Total GARVEE	GRAND TOTAL
1	\$2,850,000	\$30,841,000	\$0	\$33,691,000
2	\$4,600,000	\$64,300,000	\$60,200,000	\$129,100,000
3	\$5,820,000	\$30,021,000	\$0	\$35,841,000
4	\$15,875,000	\$22,100,000	\$0	\$37,975,000
5	\$12,300,000	\$38,850,000	\$59,200,000	\$110,350,000
6	\$5,515,000	\$63,400,000	\$0	\$68,915,000
7	\$0	\$36,600,000	\$0	\$36,600,000
8	\$3,925,000	\$27,950,000	\$0	\$31,875,000
9	\$4,150,000	\$23,100,000	\$0	\$27,250,000
10	\$0	\$38,600,000	\$0	\$38,600,000
11	\$3,250,000	\$20,400,000	\$0	\$23,650,000
12	\$0	\$25,200,000	\$7,300,000	\$32,500,000
13	\$2,800,000	\$30,000,000	\$15,000,000	\$47,800,000
14	\$34,875,000	\$16,435,000	\$0	\$51,310,000
Total	\$95,960,000	\$467,797,000	\$141,700,000	\$705,457,000

Project Type	Total Projects	Total Cost	% of Total
Expansion	20	\$407,765,000	57.80%
Operations	2	\$4,900,000	0.69%
Pavement	53	\$213,582,000	30.28%
Signing	1	\$2,000,000	0.28%
Bridge	32	\$75,450,000	10.70%
Guardrail	1	\$1,760,000	0.25%
Total	109	\$705,457,000	100.00%



After July 1, 2007

- No STIP/TIP/LRTP amendments* will be allowed after June 30, 2007 until SAFETEA-LU compliant LRTP updates are completed. LRTPs are in a “planning freeze”, meaning no changes (moving projects across horizon years) can be made to the document until a new SAFETEA-LU compliant LRTP is updated.
- 2009-2015 STIP can be approved providing there is consistency with projects in approved LRTPs (TEA-21).

***Amendments vs. Administrative Modifications**

- ***Any amendments or updates*** to long-range statewide transportation plans, STIPs, metropolitan transportation plans, or TIPs on or after July 1, 2007 shall be based on the provisions and requirements of the Final Rule (SAFETEA-LU).
- ***Examples of Amendments:***
 - any additions or deletions to major (regionally significant type) projects listed in first 4 years of STIP.
 - significant project cost increases (that affect overall fiscal constraint). Changes that affect fiscal constraint must take place by amendment of the STIP (450.216(n))
 - moving of projects from years 1-4 to years 5+ or vice versa
 - moving projects across LRTP horizon years
- ***Administrative modifications*** may be made to long-range statewide transportation plans, STIPs, metropolitan transportation plans, or TIPs on or after July 1, 2007 without meeting Final Rule requirements (SAFETEA-LU).
- ***Examples of Administrative Modifications:***
 - any changes to projects listed in STIP year 5 and later
 - administrative changes/corrections to projects listed in first 4 years of STIP, such as minor project description changes
 - minor funding changes to a project

** These examples are intended to serve as a guide to decision-making. Any specific project changes where there is uncertainty (whether it's considered an amendment or modification) will be discussed on a case by case basis.

§ 93.126 Exempt projects.

Notwithstanding the other requirements of this subpart, highway and transit projects of the types listed in table 2 of this section are exempt from the requirement to determine conformity. Such projects may proceed toward implementation even in the absence of a conforming transportation plan and TIP. A particular action of the type listed in table 2 of this section is not exempt if the MPO in consultation with other agencies (see §93.105(c)(1)(iii)), the EPA, and the FHWA (in the case of a highway project) or the FTA (in the case of a transit project) concur that it has potentially adverse emissions impacts for any reason. States and MPOs must ensure that exempt projects do not interfere with TCM implementation. Table 2 follows:

Table 2—Exempt Projects

Safety

Railroad/highway crossing.

Projects that correct, improve, or eliminate a hazardous location or feature.

Safer non-Federal-aid system roads.

Shoulder improvements.

Increasing sight distance.

Highway Safety Improvement Program implementation.

Traffic control devices and operating assistance other than signalization projects.

Railroad/highway crossing warning devices.

Guardrails, median barriers, crash cushions.

Pavement resurfacing and/or rehabilitation.

Pavement marking.

Emergency relief (23 U.S.C. 125).

Fencing.

Skid treatments.

Safety roadside rest areas.

Adding medians.

Truck climbing lanes outside the urbanized area.

Lighting improvements.

Widening narrow pavements or reconstructing bridges (no additional travel lanes).

Emergency truck pullovers.

Mass Transit

Operating assistance to transit agencies.

Purchase of support vehicles.

Rehabilitation of transit vehicles¹ .

Purchase of office, shop, and operating equipment for existing facilities.

Purchase of operating equipment for vehicles (e.g., radios, fareboxes, lifts, etc.).

Construction or renovation of power, signal, and communications systems.

Construction of small passenger shelters and information kiosks.

Reconstruction or renovation of transit buildings and structures (e.g., rail or bus buildings, storage and maintenance facilities, stations, terminals, and ancillary structures).

Rehabilitation or reconstruction of track structures, track, and trackbed in existing rights-of-way.

Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet¹ .

Construction of new bus or rail storage/maintenance facilities categorically excluded in 23 CFR part 771.

Air Quality

Continuation of ride-sharing and van-pooling promotion activities at current levels.

Bicycle and pedestrian facilities.

Other

Specific activities which do not involve or lead directly to construction, such as:

Planning and technical studies.

Grants for training and research programs.

Planning activities conducted pursuant to titles 23 and 49 U.S.C.

Federal-aid systems revisions.

Engineering to assess social, economic, and environmental effects of the proposed action or alternatives to that action.

Noise attenuation.

Emergency or hardship advance land acquisitions (23 CFR 710.503).

Acquisition of scenic easements.

Plantings, landscaping, etc.

Sign removal.

Directional and informational signs.

Transportation enhancement activities (except rehabilitation and operation of historic transportation buildings, structures, or facilities).

Repair of damage caused by natural disasters, civil unrest, or terrorist acts, except projects involving substantial functional, locational or capacity changes.

Note: ¹ In PM₁₀ and PM_{2.5} nonattainment or maintenance areas, such projects are exempt only if they are in compliance with control measures in the applicable implementation plan.

[62 FR 43801, Aug. 15, 1997, as amended at 69 FR 40081, July 1, 2004; 71 FR 12510, Mar. 10, 2006; 73 FR 4441, Jan. 24, 2008]

RESEARCH TRIANGLE REGION LONG RANGE TRANSPORTATION PLANS & COMPREHENSIVE TRANSPORTATION PLAN MAPS

	Section	Status
1	EXECUTIVE SUMMARY ~ 10 pages	New context
2	WHAT IS THE PLAN? ~ 4 pages	
2.1	WHY DO WE NEED A PLAN?	L RTP process
2.2	WHAT ARE IN THE COMPREHENSIVE TRANSPORTATION PLANS AND LONG-RANGE TRANSPORTATION PLANS?	L RTP process
2.3	HOW WILL THE PLANS BE USED?	L RTP process
3	ABOUT OUR HOME ~ 8 pages	
3.1	OUR REGION	New context
3.2	OUR PEOPLE	New context
3.3	OUR ECONOMY	New context
3.4	OUR ENVIRONMENT	New context
3.5	OUR FUTURE	New context
3.6	OUR CHALLENGE	New context
4	OUR VISION AND HOW WE WILL ACHIEVE IT ~ 7 pages	
4.1	VISION	L RTP process
4.2	GOALS AND OBJECTIVES	L RTP process
	Capital Area MPO	
	Durham-Chapel Hill-Carrboro MPO	
4.3	PERFORMANCE TARGETS/MEASURES OF EFFECTIVENESS	L RTP process
5	HOW WE DEVELOPED OUR PLAN ~ 7 pages	
5.1	WHO IS RESPONSIBLE FOR THE PLAN?	L RTP process
5.2	STAKEHOLDER & PUBLIC INVOLVEMENT PROCESSES	L RTP process
5.3	TRIANGLE REGION TRANSPORTATION MODEL	L RTP process
5.4	RELATED PLANS AND STUDIES	New element
6	ANALYZING OUR CHOICES ~ 20 pages	
6.1	LAND USE PLANS AND POLICIES	New context
6.2	SOCIO-ECONOMIC FORECAST	L RTP process
6.3	TRENDS, DEFICIENCIES AND NEEDS	L RTP process
6.4	ALTERNATIVES ANALYSIS	L RTP process
6.5	PERFORMANCE MEASURES	L RTP process
7	OUR LONG RANGE TRANSPORTATION PLAN ~ 25 pages	
7.1	LAND USE & DEVELOPMENT	L RTP process
7.2	HIGHWAYS	L RTP process
7.3	FIXED GUIDEWAY AND PRIORITY/PREMIUM TRANSIT	L RTP process
7.4	BUS TRANSIT	L RTP process
7.5	BICYCLE & PEDESTRIAN FACILITIES	L RTP process
7.6	FREIGHT MOVEMENT	L RTP process
7.7	PROGRAMS TO MANAGE TRANSPORTATION DEMAND	L RTP process
7.8	INTELLIGENT TRANSPORTATION SYSTEMS	L RTP process
7.9	TRANSPORTATION SYSTEM MANAGEMENT	L RTP process
7.10	SPECIAL PLANS, PROJECTS AND STUDIES	New element
7.11	ALTERNATIVE PLAN IN CASE OF PLAN LAPSE	New element
8	OUR FINANCIAL PLAN ~ 10 pages	
8.1	COSTS	L RTP process
8.2	REVENUES	L RTP process
8.3	ASSIGNMENT OF REVENUES TO PROJECTS & ACTIVITIES	L RTP process
9	CRITICAL FACTORS IN THE PLANNING PROCESS ~ 10 pages	
9.1	AIR QUALITY CONFORMITY	New element
9.2	ENVIRONMENTAL JUSTICE	New element
9.3	SAFETY AND SECURITY	New element
10	COMPREHENIVE TRANSPORTATION PLAN MAPS ~ (to be added)	
	APPENDICES	
	1. HIGHWAY PROJECTS LIST	L RTP process
	2. FIXED-GUIDEWAY TRANSIT PROJECTS LIST	L RTP process
	3. OTHER TRANSIT PROJECTS LIST	L RTP process
	4. BICYCLE AND PEDESTRIAN PROJECTS LIST	L RTP process
	5. CROSS-SECTION GUIDELINES	New element
	6. AIR QUALITY CONFORMITY REPORT	New element
	7. PUBLIC COMMENTS	L RTP process
	8. ACRONYMS AND GLOSSARY OF TERMS	New context

Status Notes:

- L RTP process** – this information has already been specifically reviewed and approved in 2035 LRTP development process.
- New context** – this is new information that provides a context for the reader and is not considered a critical element for review.
- New element** – this is new information that is required by FHWA and requires staff and TAC review.

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MEMORANDUM

**TO: Transportation Advisory Committee
DCHC MPO**

FROM: DCHC MPO Lead Planning Agency

DATE: March 11, 2009

SUBJECT: 2009-2010 Unified Planning Work Program (UPWP)

This memo presents the Draft 2009-10 Unified Planning Work Program (UPWP) for the Durham-Chapel Hill-Carrboro (DCHC) Metropolitan Planning Organization (MPO).

Annually, the DCHC MPO is required by federal regulations to prepare a Unified Planning Work Program (UPWP) that details and guides the urban area transportation planning activities. Funding for the UPWP is provided on an annual basis by the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA). Essentially, the UPWP provides yearly funding allocations to support the ongoing transportation planning activities of the DCHC MPO. The UPWP must identify MPO planning tasks to be undertaken with the use of federal transportation funds, including highway and transit programs. Tasks are identified by an alphanumeric task code and description. A complete narrative description for each task is more completely described in the *Prospectus for Continuing Transportation Planning for the Durham-Chapel Hill-Carrboro Metropolitan Planning Organization*, approved by the TAC on February 13, 2002. The *Prospectus* was developed by NCDOT in cooperation with MPOs throughout the state.

The UPWP also contains supplemental project descriptions for Federal Transit Administration (FTA) projects. FTA project descriptions are provided for transit providers (Chapel Hill Transit, Durham Area Transit, & Triangle Transit Authority). FTA planning project task descriptions, FTA Disadvantaged Businesses Contracting Opportunities forms, and FTA funding source tables are also part of the UPWP document.

The funding source tables reflect available federal planning fund sources and the amounts of non-federal matching funds. The match is provided through either local or state funds or both. Statewide Planning and Research Funds (SPR) are designated for State use only and reflect the amount of those funds to be expended by the N.C. Department of Transportation Statewide Planning Division on DCHC MPO activities. Section 104(f) funds are designated for MPO planning and are sub-allocated to the City of Durham, Town of Carrboro and Town of Chapel Hill. Section 133(b)(3)(7) funds are the portion of STP-DA funds used in MPO planning. The City of Durham uses these funds to support the LPA planning functions. These funds are also used for MPO special projects, such as the congestion Management Systems, Collector Street Plan, Land use model, GIS/Data integration and automation, Regional model update and enhancement, Travel behavior

surveys and update of the ITS deployment plan and regional architecture, support of the Regional Model Service Bureau, NC 54 Corridor Study, Parking Survey/Study,etc.

The main source of funds for transit planning for Chapel Hill Transit (CHT), the Durham Area Transit Authority (DATA), and the Triangle Transit Authority (TT), is the Federal Transit Administration’s Section 5303 (formerly Section 8) funds. These funds are allocated by NCDOT’s Public Transportation Division (PTD). Transit agencies can also use portions of their Section 5307 (formerly Section 9) capital and operating funds for planning. These funds must be approved by the TAC as part of the UPWP approval process.

FY 2009-10 UPWP funding levels as well as the descriptions of funding sources are summarized below.

Section 104(f) also known as PL funds are FHWA funds for urbanized areas, administered by NCDOT. These funds require a 20% match. The PL funding apportionment to the state is distributed to the MPOs through a population-based formula. The proposed Section 104(f) funding level is based on the SAFETEA-LU Section 104(f) allocation as well as new PL distribution approved by NCDOT Board of Transportation in June 2005. The statewide section 104(f) funds are distributed among the 17 MPOs based on the following formula: All MPOs get an equal share of \$130,000 (hold harmless) and the rest of the funds are distributed based on the MPO urbanized area population. The DCHC MPO PL fund allocation for FY 2009-10 is \$355,661.

Federal (PL funds)	\$355,661
Local (20% match)	<u>\$ 88,915</u>
Total	\$444,576

STP-DA – These funds are the Direct Attributable Allocation portion of the federal Surface Transportation Program (STP) funds provided to Transportation Management Areas (TMAs are MPOs over 200,000 population). By agreement with the DCHC MPO and NCDOT, a portion of these funds are used for MPO transportation planning activities. STP-DA funds earmarked for programming in the FY 2009-2010 UPWP are shown below, including funds de-obligated from FY 2008-09UPWP and re-obligated or carried over to FY 2009-10:

Federal (STP-DA)	\$2,660,818
Local (20% match)	<u>\$ 665,205</u>
Total	\$3,826,023

FY 2009-10 STP-DA Funds will cover special projects and continuation major emphasis projects. These are summarized as follows:

Special Projects

- Follow-up Panning studies for the Special Transit Advisory Commission – STAC
- Commercial vehicle survey and counts for the Triangle Regional Model (TRM)

- Parking survey, inventory and study for the TRM
- NC 54/I40 Corridor/Sub-Area Study
- 2040 LRTP data collection
- MPO freight planning
- MPO safety and security plan
- Model data collection
- MPO Congestion Management Plan and process
- Integration of climate change in transportation planning process

Continuation of Major Projects

- MPO Integrated Land-use/Transportation Model
- Non-Motorized trip model
- GIS Warehouse/Integration and Automation
- MPO-wide Collector Street Plan
- Farrington/Stagecoach Road Study – Public Involvement
- Intelligent Transportation Systems (ITS) Strategic Deployment Plan

State Planning and Research Funds (SPR Funds) – These are FHWA funds allocated to the Transportation Planning Branch (TPB) of NCDOT. NCDOT determines the allocation of these funds among tasks in the UPWP and is responsible for contributing 20% of non federal matching funds. SPR funds programmed in the 2009-2010 UPWP are as follows:

Federal	\$49,200
NCDOT-TPB	\$12,300
Total SPR funds	\$61,500

FTA Funds -Two types of funds are used for transit planning purposes by the DCHC MPO; Section 5303 (formerly Section 8 Metropolitan Planning) and Section 5307 funds (formerly Section 9) of the Federal Transit Act Amendments of 1991.

Section 5303 funds are grant monies from FTA that provide assistance to urbanized areas for transit planning. Essentially, the funds are earmarked for use in planning and technical studies related to urban public transportation. They are provided from the Federal Transit Administration through the NCDOT-PTD to the MPO transit operators (80% from FTA, 10% from NCDOT-PTD, and 10% local match).

	CHT	DATA	TT	MPO Total
Federal	\$111,092	\$115,627		\$226,719
State	\$ 13,887	\$ 14,453		\$ 28,340
Local	\$ 13,887	\$ 14,453		\$ 28,340
Total	\$138,865	\$144,534		\$283,399

Section 5307 funds can be used for planning as well as other purposes, and are distributed by the formula by FTA. The DATA, CHT, and TT use Section 5307 funds from the FTA for assistance on a wide range of planning activities. These funds require a 10% local match, which is provided by the City of Durham, the Town of Chapel Hill, and

TT; and 10% State match provided the Public Transportation Division of NCDOT

	CHT	DATA	TT	MPO Total
Federal	\$ 0	\$306,665	\$462,000	\$768,665
State	\$ 0	\$ 38,333	\$ 57,750	\$ 96,083
Local	\$0	\$ 38,333	\$ 57,750	\$ 96,083
Total	\$0	\$383,331	\$ 577,500	\$960,831

DCHC MPO – UPWP Funding Sources (FY 2009-2010)

Funding Type	Federal	State	Local	Total
Section 104(f)	\$355,661		\$88,915	\$444,576
STP-DA	\$2,660,818		\$665,205	\$3,326,023
FTA 5303	\$226,719	\$28,340	\$28,340	\$283,399
FTA 5307	\$768,665	\$96,083	\$96,083	\$960,831

Special-Major Project Summary

Introduction

The main emphases of the current (FY 2008-09) Unified Planning Work Program (UPWP) were the enhancement and update of the Triangle Regional Model, the development of the MPO GIS Warehouse/Integration and Automation, the development of the Non-motorized Trip Model, the development of the MPO integrated land-use/transportation model, Intelligent Transportation Systems (ITS) Strategic Deployment Plan, Farrington/ Stagecoach Road Corridor Study, MPO Collector Street Plan, Greenhouse Gas Emission Study, development of the regional transit plan and the Special Transit Advisory Commission (STAC) activities, Chapel Hill Transit Master Plan study, and amendment of the 2030 Long Range Transportation Plan (LRTP). The MPO made significant progress in these areas. Major milestones and accomplishments are summarized as follows:

1. Durham Greenhouse Gas Emission Study completed and adopted by the TAC, the City of Durham and Durham County. Orange County study is nearly complete
2. Farrington/Stagecoach Road study will be completed during this fiscal year. Public involvement and recommendations are anticipated to be complete during next fiscal year.
3. MPO Collector Street plan is approximately 85% complete.
4. Conversion of model from Tranplan to Transcad is complete.
5. TRM improvement and calibration have been completed; significant progress has been made in model validation.

6. Land use model development is underway – Phase 1 is nearly complete.
7. Phase I of the Non-Motorized Trip (Bike-Pedestrian demand model) model development is complete.
8. MPO GIS Warehouse and Automation project is underway. Project is about 60% complete.
9. ITS Strategic Deployment Plan update to commence in February
10. Development of the regional transit plan and vision by STAC is complete.
11. 2035 LRTP is about 99% complete. TAC approval anticipated in February 2009
12. 2035 LRTP Conformity Determination expected in summer of 2009.
13. MTIP project Priority List revised and approved by the TAC.

2009-2010 Special Projects and Emphasis Area - Continuation of FY 2009 Initiatives

The update, improvement and refinement (including sub-area capability) of the Triangle Regional Model, development of the MPO Congestion Management Process (CMP) plan update, and initiation of the 2040 LRTP will be the top priority for the 2009-2010 UPWP. The MPO will continue to work with the Model Service Bureau in addressing TAC model concerns. Other top priorities include the development of the Comprehensive Transportation Plan, follow up studies for the STAC transit recommendations, and implementation of SAFETEA-LU requirements. The following summarizes proposed special projects and emphasis areas for 2009-10 work program.

- a. Development of the work plan for the 2040 LRTP and conformity determination.
- b. Comprehensive Transportation Plan
- c. Data collection for the 2040 LRTP
- d. NC 54/I40 Corridor Sub- Area study
- e. ITS Strategic Deployment Plan
- f. Parking inventory and survey
- g. Congestion Management Process (CMP)
- h. Commercial vehicles (freight) survey and counts
- i. Travel time/speed survey
- j. Model sub-area enhancement
- k. TRM model improvement
- l. Transportation surveillance of change (data update and maintenance)
- m. Continuation of the MPO Collector Street Plan
- n. Continuation of the Land Use modeling
- o. Continuation of the GIS Warehouse & Automation
- p. Continuation of the Farrington/Stagecoach Rd study
- q. Continuation of the Non-motorized trip modeling
- r. Development of the 2011-17 MTIP regional Priority List/MTIP
- s. Work with State and federal agencies on development of SIP MVEB for new Ozone standards.

Unified Planning Work Program (UPWP) Development Process

The development process for the 2009-10 UPWP is presented below. The proposed FY 2009-10 UPWP does not contain any new initiative rather continuation of the FY 2008-09 initiatives and emphasis areas. In addition, the schedule provides for opportunity for linking the UPWP development with the local member governments' budget process. Draft 2009-2010 UPWP schedule is illustrated in the attached development schedule.

NO	Date	Descriptions
1	28-Jan-09	TCC receives the draft 2009-2010 UPWP
2	6-Feb-09	Deadline for submitting transit element of the UPWP to NCDO -PTD
3	11-Feb-09	TAC receives draft 2009-2010 UPWP and releases for public comment. TAC receives FTA memo on Section 5307 distribution between TTA, DATA and CHT
4	25-Feb-09	TCC recommends Draft 2009-2010 UPWP for TAC approval
5	January-February	Development of Draft 2009-2010 UPWP and coordinating with local agencies continues.
6	January-February	TCC coordinates with member jurisdictions budget process for local matching funds
7	11-Mar-09	TAC adopts 2009-2010 UPWP and self certifies MPO planning process
8	1-April-09	NCDOT/FHWA approves 2009-2010 UPWP
9	1-Jul-09	2009-2010 UPWP available July 1

**Durham-Chapel Hill-Carrboro
Metropolitan Planning Organization**



DRAFT

2009-2010
Unified Planning Work Program (UPWP)

March 11, 2009

**Durham-Chapel Hill-Carrboro
Metropolitan Planning Organization**

FY 2009-2010 Unified Planning Work Program

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Durham-Chapel Hill-Carrboro
Metropolitan Planning Organization (DCHC MPO)

RESOLUTION

Approving the FY 2009-2010 Unified Planning Work Program

March 11, 2009

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

Whereas, a comprehensive and continuing transportation planning program must be carried out
cooperatively in order to ensure that funds for transportation projects are effectively
allocated to the Durham-Chapel Hill-Carrboro Metropolitan Planning Organization; and

Whereas, the City of Durham Department of Transportation has been designated as the recipient
of Section 104(f) Planning and Technical Studies Planning grant funds; and

Whereas, members of the Transportation Advisory Committee agree that the Unified Planning
Work Program will effectively advance transportation planning for FY 2009-2010.

Now, therefore, be it resolved that the Transportation Advisory Committee hereby endorses the
*Durham-Chapel Hill-Carrboro Metropolitan Planning Organization FY 2009-2010 Unified
Planning Work Program.*

I, J. Michael Woodard, TAC Chair do hereby certify that the above is a true and correct copy of
an excerpt from the minutes of a meeting of the Durham-Chapel Hill-Carrboro Transportation
Advisory Committee, duly held on the 11th day of March, 2009.

J. Michael Woodard, TAC Chair

Subscribed and sworn to me this _____ day of _____, 2009.

(Notary seal)

Notary Public

101 City Hall Plaza
Durham, NC 27701

My commission expires _____

Durham-Chapel Hill-Carrboro (DCHC)
Metropolitan Planning Organization (MPO)

RESOLUTION (PTD-FTA)

Approving the FY 2009-2010 Unified Planning Work Program (UPWP) of the
DCHC Urban Area/Metropolitan Planning Organization

March 11, 2009

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

Whereas, a comprehensive and continuing transportation planning program must be carried out
cooperatively in order to ensure that funds for transportation projects are effectively
allocated to the Durham-Chapel Hill-Carrboro Metropolitan Planning Organization; and

Whereas, the City of Durham Department of Transportation has been designated as the recipient
of Federal Transit Administration (FTA) Metropolitan Planning Program funds; and

Whereas, members of the Transportation Advisory Committee agree that the Unified Planning
Work Program will effectively advance transportation planning for FY 2009-2010.

Now, therefore, be it resolved that the Transportation Advisory Committee hereby endorses the
*FY 2009-2010 Unified Planning Work Program for the Durham-Chapel Hill-Carrboro
Metropolitan Planning Organization.*

I, J. Michael Woodard, Chair of the DCHC MPO Transportation Advisory Committee (TAC) do
hereby certify that the above is a true and correct copy of an excerpt from the minutes of a
meeting of the Durham-Chapel Hill-Carrboro Transportation Advisory Committee, duly held on
the 11th day of March, 2009.

Mike Woodard
Chair, Transportation Advisory Committee

Subscribed and sworn to me this _____ day of _____, 2009.

(Notary seal)

Notary Public
101 City Hall Plaza
Durham, NC 27701

My commission expires _____

RESOLUTION CONFIRMING TRANSPORTATION PLANNING PROCESS

RESOLUTION CERTIFYING THE DURHAM-CHAPEL HILL-CARRBORO (DCHC MPO) METROPOLITAN PLANNING ORGANIZATION'S TRANSPORTATION PLANNING PROCESS FOR FY 2009-2010 (FY 2010)

WHEREAS, the Transportation Advisory Committee has found that the Metropolitan Planning Organization is conducting transportation planning in a continuous, cooperative, and comprehensive manner in accordance with 23 U.S.C. 134 and 49 U.S.C. 1607;

WHEREAS, the Transportation Advisory Committee has found the transportation planning process to be in compliance with Sections 174 and 176 (c) and (d) of the Clean Air Act (42 U.S.C. 7504, 7506 (c));

WHEREAS, the Transportation Advisory Committee has found the Transportation Planning Process to be in full compliance with Title VI of the Civil Rights Act of 1964 and the Title VI Assurance executed by each State under 23 U.S.C. 324 and 29 U.S.C. 794;

WHEREAS, the Transportation Advisory Committee has considered how the Transportation Planning Process will affect the involvement of Disadvantaged Business Enterprises in the FHWA and the FTA funded planning projects (Section 1003(b) of ISTEA of 1991 (Pub. L. 102-240), Sec. 105(f), Pub. L. 97-424, 96 Stat. 2100, 49 CFR part 23);

WHEREAS, the Transportation Advisory Committee has considered how the Transportation Planning Process will affect the elderly and the disabled per the provision of the Americans With Disabilities Act of 1990 (Pub. L. 101-336, 104 Stat. 327, as amended) and the U.S. DOT implementing regulations (49 CFR parts 27, 37, and 38);

WHEREAS, the DCHC MPO Metropolitan Transportation Improvement Program is a subset of the currently conforming 2030 Long Range Transportation Plan;

WHEREAS, the Transportation Plan has a planning horizon year of 2030, and meets all the requirements for an adequate Transportation Plan,

NOW THEREFORE, be it resolved that the DCHC Urban Area Transportation Advisory Committee certifies the transportation planning process for the DCHC Metropolitan Planning Organization on this the 11th day of March, 2009.

Chair, Transportation Advisory Committee

Clerk/Secretary/Planner

Metropolitan Planning Self-Certification Process

CFR 450.334

The State and the MPO shall annually certify to the FHWA and the FTA that the planning process is addressing the major issues facing the area and is being conducted in accordance with all applicable requirements of:

- Section 134 of title 23 U.S.C., section 8 of the Federal Transit Act (49 U.S.C. app. 1607) and;
- Section 174 and 176 (c) and (d) of the Clean Air Act (42 U.S.C. 7504, 7506 (c) and (d));
- Title VI of the Civil Rights Act of 1964 and Title VI assurance executed by each state under 23 U.S.C. 324 and 29 U.S.C. 794;
- Section 103 (b) of the Intermodal Surface Transportation Efficiency Act of 1991 (Public Law 102-240) regarding the involvement of disadvantaged business enterprises in the FHWA and the FTA funded planning projects...; and
- The provisions of the Americans with Disabilities Act of 1990 (Public Law 101-336, 104 Stat. 327, as amended) and U.S. DOT regulations "Transportation for Individuals with Disabilities" (49 CFR parts 27, 37, and 38).

In addition, the following checklist should help guide the MPOs as they review their processes and programs for self-certification.

Self-Certification Checklist

1. Is the MPO properly designated by agreement between the Governor and 75% of the urbanized area, including the central city, and in accordance in procedures set forth in state and local law (if applicable)? [23 U.S.C. 134 (b); 49 U.S.C. 5303 (c); 23 CFR 450.306 (a)]
2. Does the policy board include elected officials, major modes of transportation providers and appropriate state officials? [23 U.S.C. 134 (b); 49 U.S.C. 5303 (c); 23 CF R 450.306 (i)]
3. Does the MPO boundary encompass the existing urbanized area and the contiguous area expected to become urbanized within the 20-yr forecast period? [23 U.S.C. 134 (c), 49 U.S.C. 5303 (d); 23 CFR 450.308 (a)]
4. Is there a currently adopted (Unified) Planning Work Program (U/PWP)? 23 CFR 450.314
 - a. Is there an adopted prospectus? Are work programs consistent with the adopted prospectus?
 - b. Are tasks and products clearly outlined?
 - c. Is the U/PWP consistent with the LRTP?
 - d. Has the UPWP been checked for effectiveness to see if it is further meeting the goals of the LRTP?
 - e. Is UPWP product driven and result oriented?
 - f. Is the work identified in the U/PWP completed in a timely fashion?
5. Does the area have a valid transportation planning process? 23 CFR 450.322
 - a. Is the transportation planning process continuous, cooperative and comprehensive?
 - b. Is there a valid LRTP?
 - c. Did the LRTP have at least a 20-year horizon at the time of adoption?
 - d. Does it address the 8-planning factors?
 - e. Does it include strategies for evaluating effectiveness of Plan goals and targets?
 - f. Does it cover all modes applicable to the area?
 - g. Does it address preservation of existing systems? Is consideration of the preservation of existing systems clearly documented in stand-alone section?
 - h. How is freight considerations incorporated into the LRTP?
 - i. How is safety considerations incorporated in the LRTP? Are safety considerations documented separately (stand-alone)?
 - j. Is it financially constrained?
 - k. Has the MPO demonstrated reasonableness of LRTP Revenue sources? How?
 - l. Does it include funding for the maintenance and operation of the system?
 - m. Does it include environmental mitigation?
 - n. Does it conform to the State Implementation Plan (SIP) (if applicable)?
 - o. Is it updated/reevaluated in a timely fashion (at least every 4 or 5 years)?

6. Is there a valid TIP? 23 CFR 450.324, 326, 328, 332
 - a. Is it consistent with the LRTP?
 - b. Is it fiscally constrained?
 - c. Is it developed cooperatively with the state and local transit operators?
 - d. Is it updated at least every 4-yrs and adopted by the MPO and the Governor?

7. Does the area have a valid CMP? (TMA only) 23 CFR 450.320
 - a. Is it consistent with the LRTP?
 - b. Was it used for the development of the TIP?
 - c. Is it monitored and reevaluated to meet the needs of the area?

8. Does the area have a process for including environmental mitigation discussions in the planning process? (SAFETEA-LU)
 - a. How _____
 - b. Why not _____

9. Does the planning process meet the following requirements of 23 CFR 450.316 (2) (3), EO 12898?
 - a. Title VI
 - i. Are there procedures in place to address Title VI complaints and does it comply with federal regulation? [23 CFR 200.9 (b)(3)]
 - b. Environmental Justice (Executive Order 12898)
 - i. Has the MPO identified low-income and minority populations within the planning area and considered the effects in the planning process?
 - ii. Has the MPO developed Environmental Justice Policy and Program?
 - iii. Has the MPO involved EJ community in the development of the UPWP?
 - c. ADA
 - i. Are there procedures in place to address ADA complaints of non-compliance and does it comply with federal regulation? [49 CFR 27.13]
 - d. DBE
 - i. Does the MPO have a DBE policy statement that expresses commitment to the DBE program? [49 CFR 26.23]

10. Does the area have an adopted PIP/Public Participation Plan? 23 CRR 450.316 (b)(1)
 - a. Did the public participate in the development of the PIP?
 - b. Was the PIP made available for public review for at least 45-days prior to adoption?
 - c. Is adequate notice provided for public meetings?
 - d. Are meetings held at convenient times and at accessible locations?
 - e. Is the public given an opportunity to provide oral and/or written comments on the planning process?
 - f. Does the PIP include criteria for measuring the effectiveness of PIP?
 - g. Is the PIP periodically reviewed and updated to ensure its effectiveness?
 - h. Are plans/program documents available in an electronic accessible format, i.e. MPO website?

- i. Has the MPO employed visualization tools in LRTP, TIP and planning projects?
 - j. Does the PIP include visualization tools?
 - k. Is the EJ community given the adequate and meaningful opportunity to provide comments on the planning process?
11. Does the area have a process for including environmental, state, other transportation, historical, local land use and economic development agencies in the planning process? (SAFETEA-LU)
- a. How _____
 - b. Why not _____
12. Has the UPWP been checked for effectiveness to see if it is further meeting the goals of the LRTP?
13. Does the UPWP meet SAFETEA-LU requirements? If not, what is the timeline to update the UPWP?
14. Do the selected work items reflect the planning priorities facing the MPO?
15. Do the MPO product UPWP reports consistent with agreements and federal regulation? Are UPWP products and accomplishments documented in reports? Are accomplishments consistent with the proposed work programs? Are reports made available to the Policy Board and the Public? How are reports disseminated?
16. How is safety consideration reflected in the MPO planning process?
17. What steps have you taken to incorporate freight concerns in the planning process? Is freight considered in the project selection and prioritization process?
18. Are freight providers included in the MPO's boards, advisory groups, task forces? If no, what steps are being taken to incorporate these groups?
19. Has the MPO developed methodology to measure the impact freight on the transportation system?
20. What process/procedures are used to self-certify the planning process?
- a. How are the transit authority, State DOT, and others involved?
 - b. What criteria have been established for the self-certification?
 - c. Is there an opportunity for public comment? If so, how are comments addressed?
 - d. How is the self-Certification Process documented?
21. What supporting documentation/information is provided to the MPO policy board when the self-certification is approved?
- a. Is the policy board provided documentation on what is required in the planning process by various laws? When and how?

- b. Is support/documentation to support the self-certification provided to the policy board and the public?
- 22. How is the annual self-certification provided to the Federal agencies—as part of the TIP/STIP or UPWP, or in a separate submittal?
- 23. Does the MPO have processes, procedures, guidelines, and/or policies that address Title VI, ADA, DBE, lobbying, and other regulatory requirements?
- 24. How are these documented and applied?
- 25. Are there any specific strategies in place to reach the Hispanic community?
- 26. Do you have the following: a Citizens Advisory Committee, and a Transportation Disadvantaged Advisory Committee to make recommendations to the MPO (as the TCC currently does)? If not, are there plans to incorporate these committees?
- 27. For projects identified in the LRTP, do you develop Purpose & Need Statements? If so, how detailed are these P&N statements?
- 28. How was the public involved in the development/update of your CMP?
- 29. Is the CMP current? Does the CMP meet SAFETEA-LU requirements? If not, what is the timeline to update the CMP?

Durham-Chapel Hill Carrboro
Metropolitan Planning Organization
FY 2009-2010 Unified Planning Work Program

Overview

Federal legislation (SAFETEA-LU) and implementing regulations mandate that each Metropolitan Planning Organization prepare an annual work program known as the Unified Planning Work Program (UPWP). The UPWP must identify the MPO planning tasks to be undertaken with the use of federal transportation funds, including highway and transit programs. Tasks are identified by an alphanumeric task code and description. A complete narrative description for each task is more completely described in the *Prospectus for Continuing Transportation Planning for the Durham-Chapel Hill-Carrboro Metropolitan Planning Organization*, approved by the TAC on February 13, 2002. The *Prospectus* is hereby referenced as an element of the UPWP and is available upon request from any member agency of the DCHC MPO.

The UPWP also contains supplemental project descriptions for special projects and Federal Transit Administration (FTA) projects. Special project descriptions are provided by the responsible agency. FTA planning project task descriptions, FTA Disadvantaged Businesses Contracting Opportunities forms, and FTA funding source tables (a subset of the funding source table) are also included in this work program.

The funding source tables reflect available federal planning fund sources and the amounts of non-federal matching funds. The match is provided through either local or state funds or both. Statewide Planning and Research Funds (SPR) are designated for State use only and reflect the amount of those funds to be expended by the N. C. Department of Transportation Statewide Planning Division on DCHC MPO activities. Federal Highway Administration (FHWA) Section 104(f) funds, FHWA Section 133(b)(3)(7) funds, FTA Section 5303 (formerly Section 8) funds, FTA Section 5307 (formerly Section 9) funds, and Section 5309 (formerly Section 3) funds are designated for MPO use. The Section 5303 and Section 5307 funds have historically been used for transit planning tasks while other MPO transportation planning tasks have been funded with Section 104(f) and Section 133(b)(3)(7) funds. The Section 104(f) funds and the Section 133(b)(3)(7) funds, also known as Surface Transportation Program – Direct Attributable (STP-DA) funds are set by congressional authorization on an annual basis. With the exception of FTA Section 5307 and 5309 funds, these funds can only be used for MPO transportation planning purposes. FTA Section 5309 funds are used for transit capital expenses, and Section 5307 funds are used for transit capital and operating expenses as reflected in the Transportation Improvement Program.

As part of the annual UPWP adoption process, the MPO is required to certify that it adheres to a transportation planning process that is continuous, cooperative, and comprehensive. The certification resolution was approved as part of the FY 2008-2009 UPWP and is included in this (FY 2009-10) work program.

INTRODUCTION

The DCHC MPO is required by federal regulations to prepare an annually Unified Planning Work Program (UPWP) that details and guides the urban area transportation planning activities. Funding for the UPWP is provided on an annual basis by the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA). Essentially, the UPWP provides yearly funding allocations to support the ongoing transportation planning activities of the DCHC MPO. The UPWP must identify MPO planning tasks to be undertaken with the use of federal transportation funds, including highway and transit programs. Tasks are identified by an alphanumeric task code and description. A complete narrative description for each task is more completely described in the *Prospectus for Continuing Transportation Planning for the Durham-Chapel Hill-Carrboro Metropolitan Planning Organization*, approved by the TAC on February 13, 2002. The *Prospectus* was developed by NCDOT in cooperation with MPOs throughout the state.

The UPWP also contains supplemental project descriptions for Federal Transit Administration (FTA) projects. FTA project descriptions are provided for transit providers (Chapel Hill Transit, Durham Area Transit, & Triangle Transit). FTA planning project task descriptions, FTA Disadvantaged Businesses Contracting Opportunities forms, and FTA funding source tables are also part of the UPWP document.

The funding source tables reflect available federal planning fund sources and the amounts of non-federal matching funds. The match is provided through either local or state funds or both. Statewide Planning and Research Funds (SPR) are designated for State use only and reflect the amount of those funds to be expended by the N.C. Department of Transportation Statewide Planning Division on DCHC MPO activities. Section 104(f) funds are designated for MPO planning and are sub-allocated to the City of Durham, Town of Carrboro and Town of Chapel Hill. Section 133(b)(3)(7) funds are the portion of STP-DA funds used in MPO planning. The City of Durham uses these funds to support the LPA planning functions. These funds are also used for MPO special projects, such as the congestion Management Systems, Collector Street Plan, Land use model, GIS/Data integration and automation, Regional model update and enhancement, Travel behavior surveys and update of the ITS deployment plan and regional architecture, support of the Regional Model Service Bureau, NC 54 Corridor Study, Parking Survey/Study, etc.

The main source of funds for transit planning for Chapel Hill Transit (CHT), the Durham Area Transit Authority (DATA), and the Triangle Transit Authority (TTA), is the Federal Transit Administration's Section 5303 (formerly Section 8) funds. These funds are allocated by NCDOT's Public Transportation Division (PTD). Transit agencies can also use portions of their Section 5307 (formerly Section 9) capital and operating funds for planning. These funds must be approved by the TAC as part of the UPWP approval process.

FY 2009-10 UPWP funding levels as well as the descriptions of funding sources are summarized below.

Section 104(f) also known as PL funds are FHWA funds for urbanized areas, administered by NCDOT. These funds require a 20% match. The PL funding apportionment to the state is distributed to the MPOs through a population-based formula. The proposed Section 104(f) funding level is based on the SAFETEA-LU Section 104(f) allocation as well as new PL distribution approved by NCDOT Board of Transportation in June 2005. The statewide section 104(f) funds are distributed among the 17 MPOs based on the following formula: All MPOs get an equal share of \$130,000 (hold harmless) and the rest of the funds are distributed based on the MPO urbanized area population. The DCHC MPO PL fund allocation for FY 2009-10 is \$355,661.

Federal (PL funds)	\$355,661
Local (20% match)	<u>\$ 88,915</u>
Total	\$444,576

STP-DA – These funds are the Direct Attributable Allocation portion of the federal Surface Transportation Program (STP) funds provided to Transportation Management Areas (TMAs are MPOs over 200,000

population). By agreement with the DCHC MPO and NCDOT, a portion of these funds are used for MPO transportation planning activities. STP-DA funds earmarked for programming in the FY 2009-2010 UPWP are shown below, including funds de-obligated from FY 2008-09UPWP and re-obligated or carried over to FY 2009-10:

Federal (STP-DA)	\$2,660,818
Local (20% match)	\$ 665,205
Total	\$3,826,023

FY 2009-10 STP-DA Funds will cover special projects and continuation major emphasis projects. These are summarized as follows:

Special Projects

- Follow-up planning studies for the Special Transit Advisory Commission – STAC
- Commercial vehicle survey and counts for the Triangle Regional Model (TRM)
- Parking survey, inventory and study for the TRM
- NC 54/I40 Corridor/Sub-Area Study
- Initiation of the 2040 LRTP
- MPO freight planning
- MPO safety and security plan
- Model data collection
- MPO Congestion Management Plan and process
- Integration climate change in transportation planning process

Continuation of Major Projects

- MPO Integrated Land-use/Transportation Model
- Non-Motorized trip model
- GIS Warehouse/Integration and Automation
- MPO-wide Collector Street Plan
- Farrington/Stagecoach Road Study – Public Involvement
- Intelligent Transportation Systems (ITS) Strategic Deployment Plan

State Planning and Research Funds (SPR Funds) – These are FHWA funds allocated to the Transportation Planning Branch (TPB) of NCDOT. NCDOT determines the allocation of these funds among tasks in the UPWP and is responsible for contributing 20% of non federal matching funds. SPR funds programmed in the 2009-2010 UPWP are as follows:

Federal	\$49,200
NCDOT-TPB	\$12,300
Total SPR funds	\$61,500

FTA Funds -Two types of funds are used for transit planning purposes by the DCHC MPO; Section 5303 (formerly Section 8 Metropolitan Planning) and Section 5307 funds (formerly Section 9) of the Federal Transit Act Amendments of 1991.

Section 5303 funds are grant monies from FTA that provide assistance to urbanized areas for transit planning. Essentially, the funds are earmarked for use in planning and technical studies related to urban public transportation. They are provided from the Federal Transit Administration through the NCDOT-PTD to the MPO transit operators (80% from FTA, 10% from NCDOT-PTD, and 10% local match).

	CHT	DATA	TT	MPO Total
Federal	\$111,092	\$115,627		\$226,719
State	\$ 13,887	\$ 14,453		\$ 28,340
Local	\$ 13,887	\$ 14,453		\$ 28,340
Total	\$138,865	\$144,534		\$283,399

Section 5307 funds can be used for planning as well as other purposes, and are distributed by the formula by FTA. The DATA, CHT, and TT use Section 5307 funds from the FTA for assistance on a wide range of planning activities. These funds require a 10% local match, which is provided by the City of Durham, the Town of Chapel Hill, and TT; and 10% State match provided the Public Transportation Division of NCDOT

	CHT	DATA	TT	MPO Total
Federal	\$ 0	\$306,665	\$462,000	\$768,665
State	\$ 0	\$ 38,333	\$ 57,750	\$ 96,083
<u>Local</u>	<u>\$0</u>	<u>\$ 38,333</u>	<u>\$ 57,750</u>	<u>\$ 96,083</u>
Total	\$0	\$383,331	\$ 577,500	\$960,831

DCHC MPO – UPWP Funding Sources (FY 2009-2010)

Funding Type	Federal	State	Local	Total
Section 104(f)	\$355,661		\$88,915	\$444,576
STP-DA	\$2,660,818		\$665,205	\$3,326,023
FTA 5303	\$226,719	\$28,340	\$28,340	\$283,399
FTA 5307	\$768,665	\$96,083	\$96,083	\$960,831

Special-Major Project Summary

Introduction

The main emphases of the current (FY 2008-09) Unified Planning Work Program (UPWP) were the enhancement and update of the Triangle Regional Model, the development of the MPO GIS Warehouse/Integration and Automation, the development of the Non-motorized Trip Model, the development of the MPO integrated land-use/transportation model, Intelligent Transportation Systems (ITS) Strategic Deployment Plan, Farrington/ Stagecoach Road Corridor Study, MPO Collector Street Plan, Greenhouse Gas Emission Study, development of the regional transit plan and the Special Transit Advisory Commission (STAC) activities, Chapel Hill Transit Master Plan study, and amendment of the 2030 Long Range Transportation Plan (LRTP). The MPO made significant progress in these areas. Major milestones and accomplishments are summarized as follows:

1. Durham Greenhouse Gas Emission Study completed and adopted by the TAC, the City of Durham and Durham County. Orange County study is nearly complete
2. Farrington/Stagecoach Road study will be completed during this fiscal year. Public involvement and recommendations are anticipated to be complete during next fiscal year.
3. MPO Collector Street plan is approximately 85% complete.
4. Conversion of model from Tranplan to Transcad is complete.
5. TRM improvement and calibration have been completed; significant progress has been made in model validation.
6. Land use model development is underway – Phase 1 is nearly complete.
7. Phase I of the Non-Motorized Trip (Bike-Pedestrian demand model) model development is complete.

8. MPO GIS Warehouse and Automation project is underway. Project is about 60% complete.
9. ITS Strategic Deployment Plan update to commence in February
10. Development of the regional transit plan and vision by STAC is complete.
11. 2035 LRTP is about 99% complete. TAC approval anticipated in February 2009
12. 2035 LRTP Conformity Determination expected in summer of 2009.
13. MTIP project Priority List revised and approved by the TAC.

2009-2010 Special Projects and Emphasis Area - Continuation of FY 2009 Initiatives

The update, improvement and refinement (including sub-area capability) of the Triangle Regional Model, development of the MPO Congestion Management Process (CMP) plan update, and initiation of the 2040 LRTP will be the top priority for the 2009-2010 UPWP. The MPO will continue to work with the Model Service Bureau in addressing TAC model concerns. Other top priorities include the development of the Comprehensive Transportation Plan, follow up studies for the STAC transit recommendations, and implementation of SAFETEA-LU requirements. The following summarizes proposed special projects and emphasis areas for 2009-10 work program.

- a. Development of the work plan for the 2040 LRTP and conformity determination.
- b. Comprehensive Transportation Plan
- c. Data collection for the 2040 LRTP
- d. NC 54/I40 Corridor Sub- Area study
- e. ITS Strategic Deployment Plan
- f. Parking inventory and survey
- g. Congestion Management Process (CMP)
- h. Commercial vehicles (freight) survey and counts
- i. Travel time/speed survey
- j. Model sub-area enhancement
- k. TRM model improvement
- l. Transportation surveillance of change (data update and maintenance)
- m. Continuation of the MPO Collector Street Plan
- n. Continuation of the Land Use modeling
- o. Continuation of the GIS Warehouse & Automation
- p. Continuation of the Farrington/Stagecoach Rd study
- q. Continuation of the Non-motorized trip modeling
- r. Development of the 2011-17 MTIP regional Priority List/MTIP
- s. Work with State and federal agencies on development of SIP MVEB for new Ozone standards.

Unified Planning Work Program (UPWP) Development Process

The development process for the 2009-2010 UPWP is presented below. The proposed FY 2009-2010 UPWP does not contain any new initiative rather continuation of the FY 2008-2009 initiatives and emphasis areas. In addition, the schedule provides for opportunity for linking the UPWP development with the local member governments' budget process.

NO	Date	Descriptions
1	28-Jan-09	TCC receives the draft 2009-10 UPWP
2	6-Feb-09	Deadline for submitting transit element of the UPWP to NCDO -PTD
3	11-Feb-09	TAC receives draft 2009-2010 UPWP and releases for public comment. TAC receives FTA memo on Section 5307 distribution between TTA, DATA and CHT
4	25-Feb-09	TCC recommends Draft 2009-2010 UPWP for TAC approval
5	January-February	Development of Draft 2009-2010 UPWP and coordinating with local agencies continues.
6	January-February	TCC coordinates with member jurisdictions budget process for local matching funds
7	11-Mar-09	TAC adopts 2009-2010 UPWP and self certifies MPO planning process
8	1-April-09	NCDOT/FHWA approves 2009-2010 UPWP
9	1-Jul-09	2009-2010 UPWP available July 1

MPO Funds Distribution by Agency		Durham-Chapel Hill-Carrboro Urban Area FY 2009-2010 Unified Planning Work Program Funding Distribution by Agency & Funding Sources															MPO Summary 2/20/2009 15:40			
		SPR Highway		STP-DA Sec. 133(b)(3)(7)		Section 104(f) PL		Section 5303 Highway/Transit			Section 5307 Transit			Section 5309 Transit			Task Funding Summary			
		NCDOT 20%	FHWA 80%	Local 20%	FHWA 80%	Local 20%	FHWA 80%	Local 10%	NCDOT 10%	FTA 80%	Local 10%	NCDOT 10%	FTA 80%	Local 10%	NCDOT 10%	FTA 80%	Local	NCDOT	Federal	Total
	Durham/DATA			561,632	2,246,528	67,093	268,372	14,453	14,453	115,627	38,333	38,333	306,665	0	0	0	681,512	52,787	2,937,192	3,671,490
	Carrboro			0	0	5,685	22,740	0	0	0	0	0	0	0	0	0	5,685	-	22,740	28,425
	Chapel Hill/CHT			97,006	388,024	15,742	62,968	13,887	13,887	111,092	0	0	0	0	0	0	126,635	13,887	562,084	702,605
	Orange County			0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
	TJCOG			6,567	26,266	0	0	0	0	0	0	0	0	0	0	0	-	6,567	26,266	32,833
	TTA			0	0	0	0	0	0	0	57,750	57,750	462,000	0	0	0	57,750	57,750	462,000	577,500
	NCDOT	12300	49200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12,300	49,200	61,500
Totals		\$12,300	\$49,200	\$665,205	\$2,660,818	\$88,520	\$354,080	\$28,340	\$28,340	\$226,719	\$96,083	\$96,083	\$768,665	\$0	\$0	\$0	\$871,581	\$143,290	\$4,059,482	\$5,074,353

MPO Detail Funding Tables (FHWA/FTA Funds)		Durham-Chapel Hill-Carrboro Urban Area FY 2009-2010 Unified Planning Work Program Detail Funding Source Tables - FHWA/FTA Funds															MPO Summary 2/20/2009 16:32			
		SPR Highway		STP-DA 133(b)(3)(7)		Sec. 104(f) PL		Section 5303 Highway/Transit			Section 5307 Transit			Section 5309 Transit			Task Funding Summary			
		NCDOT 20%	FHWA 80%	Local 20%	FHWA 80%	Local 20%	FHWA 80%	Local 10%	NCDOT 10%	FTA 80%	Local 10%	NCDOT 10%	FTA 80%	Local 25%	NCDOT 25%	FTA 50%	Local	NCDOT	Federal	Total
II A	Surveillance of Change																			
II A	1 Traffic Volume Counts	0	0	10,250	41,000	0	0	0	0	0	0	0	0	0	0	10,250	-	41,000	51,250	
	2 Vehicle Miles of Travel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	
	3 Street System Changes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	
	4 Traffic Accidents	0	0	500	2,000	0	0	0	0	0	0	0	0	0	0	500	-	2,000	2,500	
	5 Transit System Data	0	0	7,500	30,000	0	0	9,453	9,453	75,627	6,120	6,120	48,957	0	0	23,073	15,573	154,584	193,230	
	6 Dwelling Unit, Pop. & Emp. Change	0	0	3,750	15,000	3,500	14,000	0	0	0	0	0	0	0	0	7,250	-	29,000	36,250	
	7 Air Travel	0	0	0	0	500	2,000	0	0	0	0	0	0	0	0	500	-	2,000	2,500	
	8 Vehicle Occupancy Rates	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	
	9 Travel Time Studies	0	0	10,960	43,838	5,000	20,000	0	0	0	0	0	0	0	0	15,960	-	63,838	79,798	
	10 Mapping	0	0	12,500	50,000	5,200	20,800	2,500	2,500	20,000	0	0	0	0	0	20,200	2,500	90,800	113,500	
	11 Central Area Parking Inventory	0	0	5,000	20,000	0	0	0	0	0	0	0	0	0	0	5,000	-	20,000	25,000	
	12 Bike & Ped. Facilities Inventory	0	0	3,875	15,500	0	0	0	0	0	0	0	0	0	0	3,875	-	15,500	19,375	
	13 Bike & Ped. Counts	0	0	6,425	25,700	0	0	0	0	0	0	0	0	0	0	6,425	-	25,700	32,125	
II B	Long Range Transp. Plan																			
II B	1 Collection of Base Year Data	0	0	12,500	50,000	0	0	0	0	0	0	0	0	0	0	12,500	-	50,000	62,500	
	2 Collection of Network Data	0	0	12,500	50,000	0	0	0	0	0	0	0	0	0	0	12,500	-	50,000	62,500	
	3 Travel Model Updates	2,100	8,400	153,085	612,340	50	200	0	0	7,250	7,250	58,000	0	0	160,385	9,350	678,940	848,675		
	4 Travel Surveys	0	0	25,000	100,000	0	0	0	0	0	4,500	4,500	36,000	0	0	29,500	4,500	136,000	170,000	
	5 Forecast of Data to Horizon year	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	
	6 Community Goals & Objectives	0	0	0	0	1,050	4,200	0	0	0	0	0	0	0	0	1,050	-	4,200	5,250	
	7 Forecast of Future Travel Patterns	0	0	1,250	5,000	2,500	10,000	0	0	0	0	0	0	0	0	3,750	-	15,000	18,750	
	8 Capacity Deficiency Analysis	0	0	1,250	5,000	0	0	0	0	0	0	0	0	0	0	1,250	-	5,000	6,250	
	9 Highway Element of th L RTP	0	0	875	3,500	1,375	5,500	0	0	0	0	0	0	0	0	2,250	-	9,000	11,250	
	10 Transit Element of the L RTP	0	0	151,625	606,500	3,200	12,800	875	875	7,000	3,311	3,311	26,486	0	0	159,011	4,186	652,786	815,983	
	11 Bicycle & Ped. Element of the L RTP	0	0	9,500	38,000	2,700	10,800	0	0	0	0	0	0	0	0	12,200	-	48,800	61,000	
	12 Airport/Air Travel Element of L RTP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	
	13 Collector Street Element of L RTP	200	800	7,000	28,000	75	300	0	0	0	0	0	0	0	0	7,075	200	29,100	36,375	
	14 Rail, Water or other mode of L RTP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	
	15 Freight Movement/Mobility Planning	0	0	10,000	40,000	1,250	5,000	0	0	0	0	0	0	0	0	11,250	-	45,000	56,250	
	16 Financial Planning	0	0	0	0	2,625	10,500	313	313	2,500	0	0	0	0	0	2,938	313	13,000	16,250	
	17 Congestion Management Strategies	800	3,200	16,263	65,050	7,450	29,800	2,500	2,500	20,000	1,616	1,616	12,928	0	0	27,829	4,916	130,978	163,723	
	18 Air Qual. Planning/Conformity Anal.	200	800	2,500	10,000	500	2,000	0	0	0	0	0	0	0	0	3,000	200	12,800	16,000	
II C	Short Range Transit Planning																			
II C	1 Short Range Transit Planning	0	0	22,500	90,000	300	1,200	1,875	1,875	15,000	15,000	15,000	120,000			39,675	16,875	226,200	282,750	
III-A	Planning Work Program	400	1,600	750	3,000	3,250	13,000	161	161	1,288	3,483	3,483	27,866	0	0	7,644	4,044	46,754	58,443	
III-B	Transp. Improvement Plan	400	1,600	500	2,000	8,702	34,807	250	250	2,000	239	239	1,912	0	0	9,691	889	42,319	52,899	
III-C	Cvi Rgts. Cmp/Otr .Reg. Reqs.																			
III-C	1 Title VI	0	0	750	3,000	0	0	0	0	0	0	0	0	0	0	750	-	3,000	3,750	
	2 Environmental Justice	0	0	750	3,000	1,550	6,200	0	0	0	0	0	0	0	0	2,300	-	9,200	11,500	
	3 Minority Business Enterprise	0	0	2,500	10,000	0	0	0	0	0	0	0	0	0	0	2,500	-	10,000	12,500	
	4 Planning for the Elderly & Disabled	0	0	2,500	10,000	810	3,240	5,000	5,000	40,000	0	0	0	0	0	8,310	5,000	53,240	66,550	
	5 Safety/Drug Control Planning	0	0	1,250	5,000	0	0	0	0	0	0	0	0	0	0	1,250	-	5,000	6,250	
	6 Public Involvement	0	0	4,000	16,000	5,900	23,600	0	0	0	5,271	5,271	42,165	0	0	15,171	5,271	81,765	102,206	
	7 Private Sector Participation	0	0	750	3,000	0	0	0	0	0	0	0	0	0	0	750	-	3,000	3,750	
III-D	Incidental Png./Project Dev.																			
III-D	1 Transportation Enhancement Png.	100	400	0	0	0	0	0	0	0	0	0	0	0	0	-	100	400	500	
	2 Enviro. Analysis & Pre-TIP Png.	1,000	4,000	750	3,000	1,886	7,545	0	0	0	0	0	0	0	0	2,636	1,000	14,545	18,181	
	3 Special Studies	1,000	4,000	63,298	253,190	2,050	8,200	0	0	23,500	23,500	188,000	0	0	88,848	24,500	453,390	566,738		
	4 Regional or Statewide Planning	2,100	8,400	23,060	92,240	2,367	9,468	1,250	1,250	10,000	0	0	0	0	0	26,677	3,350	120,108	150,135	
III-E	Management & Operations																			
III-E	1 Management & Operations	4,000	16,000	77,740	310,960	24,730	98,920	4,163	4,163	33,304	25,794	25,794	206,351	0	0	132,427	33,957	665,535	831,919	
Totals		\$12,300	\$49,200	\$665,205	\$2,660,818	\$88,520	\$354,080	\$28,340	\$28,340	\$226,719	\$96,083	\$96,083	\$768,665	\$0	\$0	\$878,148	\$136,723	\$4,059,482	\$5,074,353	

FHWA Planning Funds MPO PL & STP-DA Total		Durham-Chapel Hill-Carrboro Urban Area FY 2009-2010 Unified Planning Work Program MPO PL & STP-DA Funding Tables								
	Task Description	STP-DA Section 133(b)(3)(7)			PL Section 104(f)			Total FHWA Planning Funds		
		Local	FHWA	Total	Local	FHWA	Total	Local	FHWA	Total
		20%	80%	100%	20%	80%	100%	20%	80%	100%
II A	Surveillance of Change									
II A 1	Traffic Volume Counts	10,250	41,000	51,250	0	0	0	10,250	41,000	51,250
2	Vehicle Miles of Travel	0	0	0	0	0	0	0	0	0
3	Street System Changes	0	0	0	0	0	0	0	0	0
4	Traffic Accidents	500	2,000	2,500	0	0	0	500	2,000	2,500
5	Transit System Data	7,500	30,000	37,500	0	0	0	7,500	30,000	37,500
6	Dwelling Unit, Pop. & Emp. Change	3,750	15,000	18,750	3,500	14,000	17,500	7,250	29,000	36,250
7	Air Travel	0	0	0	500	2,000	2,500	500	2,000	2,500
8	Vehicle Occupancy Rates	0	0	0	0	0	0	0	0	0
9	Travel Time Studies	10,960	43,838	54,798	5,000	20,000	25,000	15,960	63,838	79,798
10	Mapping	12,500	50,000	62,500	5,200	20,800	26,000	17,700	70,800	88,500
11	Central Area Parking Inventory	5,000	20,000	25,000	0	0	0	5,000	20,000	25,000
12	Bike & Ped. Facilities Inventory	3,875	15,500	19,375	0	0	0	3,875	15,500	19,375
13	Bike & Ped. Counts	6,425	25,700	32,125	0	0	0	6,425	25,700	32,125
II B	Long Range Transp. Plan									
B 1	Collection of Base Year Data	12,500	50,000	62,500	0	0	0	12,500	50,000	62,500
2	Collection of Network Data	12,500	50,000	62,500	0	0	0	12,500	50,000	62,500
3	Travel Model Updates	153,085	612,340	765,425	50	200	250	153,135	612,540	765,675
4	Travel Surveys	25,000	100,000	125,000	0	0	0	25,000	100,000	125,000
5	Forecast of Data to Horizon year	0	0	0	0	0	0	0	0	0
6	Community Goals & Objectives	0	0	0	1,050	4,200	5,250	1,050	4,200	5,250
7	Forecast of Future Travel Patterns	1,250	5,000	6,250	2,500	10,000	12,500	3,750	15,000	18,750
8	Capacity Deficiency Analysis	1,250	5,000	6,250	0	0	0	1,250	5,000	6,250
9	Highway Element of th LRTP	875	3,500	4,375	1,375	5,500	6,875	2,250	9,000	11,250
10	Transit Element of the LRTP	151,625	606,500	758,125	3,200	12,800	16,000	154,825	619,300	774,125
11	Bicycle & Ped. Element of the LRTP	9,500	38,000	47,500	2,700	10,800	13,500	12,200	48,800	61,000
12	Airport/Air Travel Element of LRTP	0	0	0	0	0	0	0	0	0
13	Collector Street Element of LRTP	7,000	28,000	35,000	75	300	375	7,075	28,300	35,375
14	Rail, Water or other mode of LRTP	0	0	0	0	0	0	0	0	0
15	Freight Movement/Mobility Planning	10,000	40,000	50,000	1,250	5,000	6,250	11,250	45,000	56,250
16	Financial Planning	0	0	0	2,625	10,500	13,125	2,625	10,500	13,125
17	Congestion Management Strategies	16,263	65,050	81,313	7,450	29,800	37,250	23,713	94,850	118,563
18	Air Qual. Planning/Conformity Anal.	2,500	10,000	12,500	500	2,000	2,500	3,000	12,000	15,000
II C	Short Range Transit Planning									
1	Short Range Transit Planning	22,500	90,000	112,500	300	1,200	1,500	22,800	91,200	114,000
III-A	Planning Work Program	750	3,000	3,750	3,250	13,000	16,250	4,000	16,000	20,000
III-B	Transp. Improvement Plan	500	2,000	2,500	8,702	34,807	43,509	9,202	36,807	46,009
III-C	Cvl Rgts. Cmp./Otr .Reg. Reqs.									
1	Title VI	750	3,000	3,750	0	0	0	750	3,000	3,750
2	Environmental Justice	750	3,000	3,750	1,550	6,200	7,750	2,300	9,200	11,500
3	Minority Business Enterprise	2,500	10,000	12,500	0	0	0	2,500	10,000	12,500
4	Planning for the Elderly & Disabled	2,500	10,000	12,500	810	3,240	4,050	3,310	13,240	16,550
5	Safety/Drug Control Planning	1,250	5,000	6,250	0	0	0	1,250	5,000	6,250
6	Public Involvement	4,000	16,000	20,000	5,900	23,600	29,500	9,900	39,600	49,500
7	Private Sector Participation	750	3,000	3,750	0	0	0	750	3,000	3,750
III-D	Incidental Plng./Project Dev.									
1	Transportation Enhancement Plng.	0	0	0	0	0	0	0	0	0
2	Enviro. Analysis & Pre-TIP Plng.	750	3,000	3,750	1,886	7,545	9,431	2,636	10,545	13,181
3	Special Studies	63,298	253,190	316,488	2,050	8,200	10,250	65,348	261,390	326,738
4	Regional or Statewide Planning	23,060	92,240	115,300	2,367	9,468	11,835	25,427	101,708	127,135
III-E	Management & Operations									
1	Management & Operations	77,740	310,960	388,700	24,730	98,920	123,650	102,470	409,880	512,350
Totals		665,205	2,660,818	3,326,023	88,520	354,080	442,600	753,725	3,014,898	3,768,623

Task Descriptions and Summary Narratives for FY 2009-2010 UPWP

II-A: Surveillance of Change

The MPO is required by federal regulations and the 3C process to perform continuous data monitoring and maintenance. A number of transportation and socio-economic/demographic conditions will be continuously surveyed and compiled annually to determine whether previous projections are still valid or whether plan assumptions need to be changed. Surveillance of Change tasks are described in the following sections and agency responsibilities are summarized. Also, expected work products/deliverables and proposed schedule/accomplishment dates are provided as well.

Task II-A-1: Traffic Volume Counts

Automatic traffic counts and turning movement counts at specified locations. Maintain ADT counts and database for model calibration on arterial, minor arterial, and collector streets.

Task II-A-2: Vehicle Miles of Travel

The MPO will continue to tabulate VMT by functional classification and County. As specified by the Long Range Transportation Plan (LRTP) Goals and Objectives and, Targets, annual VMT growth will be monitored and compared the LRTP Targets. This information will help determine if the Plan targets are being met.

Task II-A-3: Street System Mileage Change

The MPO will update inventory of improvements to municipal street system. Update inventory of signalization on existing major streets to provide accurate inputs for the Triangle Regional Model (TRM). The MPO will monitor changes in street mileage systems from the previous year and summarize inventory by functional classification. The Town of Chapel Hill, the Town of Carrboro, and the City of Durham will obtain from the NCDOT Division 7 and 5 offices and compile in database, improvements to the state highway system, whether planned, underway, or completed. Each municipality will compile and maintain similar records for its municipal street system. The MPO municipalities participating in the Powell Bill Program will certify street mileage maintained during this fiscal year. The product of this task will feed into the proposed MPO Data Integration/Automation and Management Systems. The objective is that, periodically or as changes or additions to the major street system occur, street inventory will be updated and current through proposed data automation and management system.

Task II-A-4: Traffic Accidents

The DCHC MPO will collect traffic accident data and prepare summary and analysis of high accident locations. Compare data analysis to previous years' results. Build off of and support the safety work of the NCDOT and MPO municipal governments. The task will feed into the MPO Congestion Management Systems (CMS) and the Mobility Report Card.

Task II-A-5: Transit System Data

Short range transit planning efforts will be conducted by the MPO transit providers, the Durham Area Transit Authority (DATA), Chapel Hill Transit (CHT), and the Triangle Transit Authority (TTA). This will include a short range transit services plan to evaluate transit service performance, development of cross-town route(s), develop universities/college route(s) and consolidate and develop bus stop standards. Transit operators will identify strengths and weaknesses of service by route in order to assess service barriers and future options. Information will be used to monitor service and meet FTA reporting requirements

Task II-A-6: Dwelling Unit / Population and Employment Changes

Maintain inventory of dwelling units and population to determine needed changes in transportation services to meet current and projected demands. Review developments to assess impacts to the 2030 LRTP, the SE data for the 2035 LRTP update, land-use model update, and transportation project development. Changes in dwelling units and employment within the MPO will be identified and evaluated to determine accuracy and consistency with the socio-economic forecast. The MPO will review and tabulate Census data, local parcel, zoning, tax data records, InfoUSA and Employment Security Commission data as part of this monitoring tasks. The MPO will commence the first phase of Data Automation/Integration and Management System.

Task II-A-7: Air Travel

The MPO will collect travel and passenger data at the Raleigh-Durham International Airport (RDU): Data to be collected and analyzed include but not limited to number of daily flights, number of daily enplaned passengers, number of deplaned passengers, ground transportation, and tons of cargo activities. This purpose of the data collection and monitoring is to determine the influence of Raleigh-Durham International Airport (RDU), as a special generator, on the regional transportation system as well as to identify needs for additional services.

Task II-A-8: Vehicle Occupancy Rates

No activities proposed, therefore no funds programmed.

Task II-A-9: Travel Time Studies

The MPO will conduct travel-time runs on selected links during peak period to provide accurate inputs for applications such as the travel model update and the CMS.

Task II-A-10: Mapping

This task will include but not limited to mapping of and updates to UPWP transportation planning activities such as the CMS, traffic counts, bicycle and pedestrian counts and inventory, transit routes, land use, traffic analysis zones, socio-economic and demographic trends, and environmental factors. The proposed data and GIS automation/integration will serve as a platform for maintaining and updating of data in GIS format.

Task II-A-11: Central Area Parking Inventory

The MPO will collect, inventory of on- and off- street parking facilities in the Central Business Districts (CBD), major generators and universities. Parking data to be collected include, number of spaces, parking fee rates (hourly daily, and monthly), average weekday costs and demand. Parking information collected will help in the calibration and maintenance of the travel model.

Task II-A-12: Bike & Pedestrian. Facilities Inventory

The MPO will conduct inventory of bicycle and pedestrian facilities as part of the CMS/Mobility Report Card. The proposed inventory will to provide accurate inputs for the travel model update as well as help identify future sidewalk project needs, guide pedestrian improvement planning, and to support specific projects, such as the Comprehensive Bicycle Plan and Comprehensive Pedestrian Plan.

Task II-A-13: Bicycle and Pedestrian Counts

An inventory of bicycle and pedestrian counts will be conducted as part of the CMS/Mobility Report Card. The proposed inventory will guide pedestrian improvement planning, and to support specific projects, such as the Comprehensive Bicycle Plan and Comprehensive Pedestrian Plan

II-A: Long Range Transportation Plan Activities

Federal Law (as updated by SAFETEA_LU) and USDOT's Metropolitan Planning Regulations, require the MPO to have a Long-Range Transportation Plan (LRTP) that is: multi-modal, financially constrained, has a minimum 20 year horizon, adhere to the MPO's adopted Public Involvement Policy (PIP), have growth forecasts consistent with latest planning assumptions and local land use plan, meet air quality conformity and be approved by the Transportation Advisory Committee. The LRTP must be updated and reaffirmed every 4 years. The DCHC will continue tasks associated with the development of the 2035 LRTP air quality and the Comprehensive Transportation Plan as well as commence data collection for the 2010 model base year.

Task II-B-1: Collection of Base Year Data

The MPO will collect and estimate new socio-economic and demographic data for the 2005 base year. Proposed work activities will include inventory, collection and estimation of the following variables for existing conditions, tabulated by traffic analysis zone, is required: (1) population; (2) dwelling units; (3) households; (4) employment by type (number of jobs and establishments) including number of commercial vehicles at business locations; (5) school enrollment; (6) number of university dormitory beds; and (7) median income. It is expected that these variables will be linked to the proposed data automation projects and a GIS database and management system will be used to maintain the aforementioned socio-economic and land use information. An integral part of this task will be data verification, reconciliation, quality and error checks.

Task II-B-2: Collection of Network Data

The MPO will collect transportation network data necessary to build the 2010 base year TRM network. The proposed work activities will include collection of the following transportation network variables and attributes:

A-Highways : 1) posted speed limit; 2) number of lanes; 3) segment length; 4) turn pockets; 5) parking conditions; 6) traffic signal locations and stop conditions; 7) signal density; 8). access control and driveway conditions; 9) land use and area type; and 10) facility type and functional classification.

B-Transit: 1) headways; 2) speed; 3) hours of operation; 4) services miles; 5) fare structure; 6) transfer information; 7) schedule information; and 8) route information and service characteristics for each route.

C-Bicycle and Pedestrian: 1) mileage; 2) activity density; 3) neighborhood characteristics; 4) environment/friendliness factors/indices; and 5) connectivity

Task II-B-3: Travel Model Updates

Update of the Triangle Regional Model (TRM) including improvements, enhancements and major updates. Proposed tasks include model sub-area enhancement, other improvements identified during the development of the 2035 LRTP, such capacities revision, parking enhancement, performance measures automation, peak hour highway and transit demand forecasts, non-motorized trip incorporation, etc. The MPO will continue work on the development of the Land-use/transportation model integration and the non-motorized trip model.. The MPO will carry out other tasks needed to support the Triangle Regional Model update, including providing the MPO's share of the Service Bureau funding and 50% FTE.

Task II-B-4: Travel Surveys

The MPO will provide its share of funding for the collection travel surveys proposed for the Triangle region. The central purpose of the survey is to collect information on origins and destinations, traveler behavior, transit ridership, commercial vehicle usage, work place commuting, freight movement, etc. which would provide accurate inputs for the travel model update. The MPO will be conducting following travel surveys for the TRM update: (1) travel time/speed survey (2)parking survey; and (3) commercial vehicle (freight)travel time/speed survey; (4).

Task II-B-5: Forecast of Data to Horizon Year

No activities proposed, therefore no funds programmed.

Task II-B-6: Community Goals and Objectives

The MPO will re-evaluate community goals and objectives for the 2035 Long range Transportation Plan (LRTP) and the Comprehensive Transportation Plan (CTP). The process of formulating and re-evaluating goals will begin with visioning exercise. The MPO will conduct public meetings to assess community vision in terms of transportation, land use, growth, quality of life, etc. The expected work products will be adopted goals and objectives, and targets and policy framework for achieving goals.

Task II-B-7: Forecast of Future Travel Patterns

MPO will generate travel demand forecasts for future years including the LRTP horizon and air quality intermediate years. The forecast of travel patterns will include a review of these factors and comparison to community goals and objectives to determine if changes in assumptions are warranted.

Task II-B-8: Capacity Deficiency Analysis

The MPO will conduct a capacity deficiency analysis as part of the 2035 CTP and CMP. The analysis will be made to determine existing and existing-plus-committed deficiencies.

Task II-B-9: Highway Element of the LRTP

The MPO will continue with the evaluation of highway elements of the Comprehensive Transportation Plan and the 2035 LRTP. Performance measures will be established for evaluating highway alternatives.

Task II-B-10: Transit Element of the LRTP

The MPO will continue with the evaluation of transit elements of the Comprehensive Transportation Plan and the 2035 LRTP. Transit evaluate will include fixed-route bus service, fixed-guideway transit, highway capacity transit and demand responsive transit. Using travel behavior, ridership forecasts and other analysis, evaluation of transit element will look at unmet needs, new services areas and potential markets. Performance measures will be established for evaluating transit alternatives.

The MPO will continue the work of the Special Transit Advisory Commission related to the development of the regional transit plan. Specifically, the MPO will conduct planning and studies for highway capacity transit and circulator transit and other planning work necessary for the preparation of the FTA Small-Smart project. It is anticipated that this work will be accomplished with the help of consulting services.

Task II-B-11: Bicycle & Pedestrian Element of the LRTP

The MPO will continue with the evaluation of bicycle and pedestrian elements of the Comprehensive Transportation Plan and the 2035 LRTP. The MPO will continue work on the Durham Comprehensive pedestrian Plan and the Old Durham-Chapel Hill Road bicycle and pedestrian feasibility study. Work will commence on the development of the Durham Comprehensive Bicycle Plan. The MPO will solicit consulting help in the development of the MPO bicycle and pedestrian educational brochures and pamphlets as well as Durham County bike map.

Task II-B-12: Airport/Air Travel Element of LRTP

The MPO will continue with the evaluation of Airport/air travel element of the 2035 LRTP, including inter-modal connection and access/ground transportation.

Task II-B-13: Collector Street Element of LRTP

The MPO will continuation of the development of an MPO wide Collector Street Plan and circulation study. This is envisioned to involve the identification of future collector

street connectivity needs, provisions for local street connectivity, development ordinance implementation provisions, additional local government consultation, and public involvement.

Task II-B-14: Rail, Water, or other mode of LRTP

No activities proposed, therefore no funds programmed.

Task II-B-15: Freight Movement/Mobility Planning

MPO will undertake tasks associated with urban goods movement, specifically freight accessibility and mobility. Tasks to be undertaken include survey of freight carriers, recommendations for improving truck mobility or train/truck intermodal movements, and identifying acceptable truck routes.

Task II-B-16: Financial Planning

The MPO, on an as-needed basis, will examine financial options for funding proposed transportation projects and programs, including review the financial planning assumptions/ projections in the 2030 LRTP and refinement of cost estimates as necessary. The Lead Planning Agency (LPA) will participate in regional efforts geared toward identifying new and alternative funding sources, including new taxing strategies, impact fees, and public-private partnerships.

Task II-B-17: Congestion Management Systems Strategies

The MPO will work to implement and monitor the Congestion Management System (CMS) in accordance with the provisions of 23 U.S.C. and 23 CFR. Specifically, the MPO will continue on the update and monitoring of CMS strategies and State of the Systems Report.

Task II-B-18: Air Quality Planning/Conformity Analysis

The DCHC MPO (the Transportation Advisory Committee) is responsible in making a determination as to whether or not transportation plans, programs, and projects (LRTP and TIP) conform to air quality standards and the intent of the SIP. The LPA will continue to provide technical support to the TAC and TCC regarding air quality planning. In addition the LPA will continue participation in the development and application of State Implementation Plans for air quality, participation in the Statewide interagency consultation, and providing assistance to NCDENR in developing and maintaining mobile source emission inventories.

Task II-C: Short Range Transit Planning

The MPO transit operators will continue activities related to short range transit planning. This includes continuous evaluation of their respective transit development plans and service performance.

Task III-A: Planning Work Program

Administer the FY 2009-2010 UPWP and prepare and process amendments as needed. Evaluate transportation planning work needs and emphasis areas and prepare the FY 2010-2011 UPWP. To prepare and continually maintain a Unified Planning Work

Program (UPWP) that describes all transportation and transportation-related planning activities anticipated within the DCHC MPO planning area for the FY 2009-2010. To develop, maintain, and complete the UPWP in conformance with applicable federal, state, and regional guidelines. To prepare UPWP amendments as necessary and requested by member agencies, to reflect any change in programming or focus for the current fiscal year.

Task III-B: Transportation Improvement Program (TIP)

Amend FY 2009-2015 MTIP as needed. Commence work on the development of the 2011 – 2017 TIP Regional Priority List. This includes the refinement of the MPO Priority Needs and the identification of the transportation projects, programs, and services towards which the MPO will direct STP DA funds. As the Lead Planning Agency (LPA) of the DCHC MPO, the City of Durham, Transportation Division is responsible for annually developing, amending, adjusting and maintaining the Transportation Improvement Program (TIP) for the metropolitan area. Under this activity, the LPA will update and amend the current, seven-year program of transportation improvement projects (MTIP) that is consistent with the 2030 Long-Range Transportation Plan, STIP, the State Implementation Plan (SIP), EPA Air Quality Conformity Regulations and FHWA/FTA Planning Regulations.

Task III-C: Civil Rights Compliance/Other Regulations and Requirements

Task III-C-1: Title VI

The federal legislation and regulations requires that the MPO comply with all the requirements imposed by Title VI of the Civil Rights Act of 1964 (78 Stat. 252), 49 U.S.C. 2000D TO 2000-D-4; the Regulations of DOT issued thereafter in the Code of Federal Regulations (commonly and herein referred to as CFR) Title 49, Subtitle A, Part 21), and the assurance by the MPO pursuant thereto. Accordingly, the MPO will continue to provide an update of Civil Rights statistics report to determine MPO compliance to civil rights provisions.

Task III-C-2: Environmental Justice (EJ)

In accordance with Federal Action (Executive Order 12898), the will develop an Environmental Justice Plan which will focus on complying with the Executive Order and the three basic principles of Environmental Justice: 1) Ensure adequate public involvement of low-income and minority groups in decision-making; 2) Prevent disproportionately high and adverse impacts to low-income and minority groups resulting from transportation and environmental decisions made by the MPO; and 3) Assure that low-income and minority groups receive a proportionate share of benefits resulting from transportation decisions made by the MPO. Tasks include:

1. Develop MPO Environmental Justice Plan, including establishment of Environmental Justice Advisory Board
2. Update demographic profiles based on Census CTPP and PUMS as well as MPO SE data forecasts - maps to identify areas of low-income, minority and elderly populations, job accessibility, and overlay of major employers, fixed route transit systems, and major

shopping areas.

3. Provide increased opportunities for under-served populations to be represented in the transportation planning process.
4. Define target areas through the use of Census Block Group data from the 2000 Census.
5. Analyze the mobility of target area populations to jobs, childcare, and transit routes.
6. Review existing public outreach and involvement plan.
7. Develop a protocol for responding to issues and concerns regarding Environmental Justices in general and Hispanic population in particular.
8. Conduct analysis as needed regarding equitable distribution of transportation system benefits and costs among all socio-economic groups throughout the MPO area

Task III-C-3: Minority Business Enterprise

The MPO will continue to address and monitor the Minority Business Enterprise (MBE) program as a part of the planning and programming phases of project development. The MPO will monitor transportation projects and programs to ensure that meaningful and full consideration are given to MBEs. The LPA will review and summarize transit operators MBE program and utilization.

Task III-C-4: Planning for the Elderly & Disabled

The MPO will continue to emphasize planning and provision of transportation facilities and services for the elderly and disabled. Specifically, the MPO will update inventory of locations and needs of elderly and disabled persons. The MPO will work with transit operators in the planning and evaluation of para-transit services.

Task III-C-5: Safety/Drug Control Planning

No funds programmed.

Task III-C-6: Public Involvement

The MPO will continue to provide an early, proactive and a meaningful public participation and input throughout the transportation planning process, including providing for open exchange of information and ideas between the public and transportation decision-makers. To provide the public with complete information, timely notice, full access to key decisions and opportunities for early and continuing involvement in the 3C process. To assess the effectiveness of the current Public Involvement Process as required by the federal Certification Team, and to develop and enhance the process of public dissemination of information.

Task III-C-7: Private Sector Participation

No funds programmed.

III-D Incidental Planning/Project Development

No funds programmed.

Task III-D-1: Transportation Enhancement Planning

No funds programmed

Task III-D-2: Environmental Analysis & Pre-TIP Planning

The LPA will continue to participate regularly and consistently in the TIP project planning & development process, including submission of comments, attending public meetings, attending scoping meetings, attending NEPA 404 merger meetings, and participating in field inspections. The LPA will be involved in the East End Connector NEPA process including taking the lead in the public involvement process. The MPO will continue to support and be involved in NCDOT efforts to link NEPA process in the MPO systems planning process.

Task III-D-3 Special Studies

The MPO will continue with wide range of studies which are being conducted to meet the transportation planning needs of the area. These studies include NC 54/I40 corridor and sub-area study, ITS deployment plan update and the continuation of the Farrington/Stagecoach Road study, MPO collector street plan, GIS warehouse and automation, MPO parking study, etc.

Task III-D-4: Regional or Statewide Planning

The MPO will continue to coordinate with CAMPO, TTA, NCDOT, DENR, FHWA, FTA, EPA, and other State and regional agencies in regional transportation. This includes participation in the DCHC-CAMPO joint TAC meetings, TTA Board Meetings, Durham-Chapel Hill-Orange County Work Group, and a wide range of regional transportation planning working groups and committees. Examples include the Model Team, the Executive Committee, and the regional transit planning/operation coordination. Statewide planning includes participation in various statewide planning initiatives such as CMAQ Committee, Indirect and Cumulative Impacts of Transportation Projects in North Carolina, the State Transportation Plan process, and the Comprehensive Transportation Plan.

Task III-E: Management and Operations

This work element encompasses the administration and support of the 3-C transportation planning process as mandated and required by federal regulations. The continuing transportation planning process requires considerable administrative time for attending monthly committee meetings, preparing agendas and minutes to these meetings, training, preparing quarterly progress reports, documenting expenditures for the various planning work items, and filing for reimbursement of expenditures from the PL and STP-DA funds account and other Federal Funds. To assist, support, and facilitate an open Comprehensive, Cooperative, and Continuing (3C) transportation planning and programming process at all levels of government in conformance with applicable federal and state requirements and guidelines as described in the 3C Memorandum of Understanding. Proposed tasks include but not limited to:

1. Provide liaisons between DCHC MPO member agencies, transit providers, CAMPO, NCDOT, DENR, TJCOG, and other organizations at the local, regional, state, and federal levels on transportation related matters, issues and actions.
2. Work with the Capital Area Metropolitan Planning Organization (CAMPO) on

regional issues. Prepare Regional Priority lists and MTIP and amend as necessary, Update transportation plans, travel demand model, and monitor data changes. Evaluate transportation planning programs developed through the 3C public participation process for appropriate MPO action.

3. Provide technical assistance to the Transportation Advisory Committee (TAC) and other member jurisdictions policy bodies.

4. Participate in Joint CAMPO/DCHC TCC and TAC meetings as a means to continually improve the quality and operation of the transportation planning process and decision making in the Triangle Region.

5. Review and comment on federal and state transportation-related plans, programs, regulations and guidelines.

6. Prepare and distribute TAC and TCC meeting agendas Attend TAC, TCC and other meetings associated with MPO planning activities.

Three new positions are proposed for FY 2009. These position will help the MPO fulfill federal (SAFETEA-LU) and state transportation requirements.

DCHC MPO 5-Year Unified Planning Work Program : July 1, 2009 to June 30, 2014

	1	2	3	4	5
FY	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Period	2009-10	2010-11	2011-12	2012-13	2013-14
	July 1, 2009-June 30, 2010	July 1, 2010-June 30, 2011	July 1, 2011-June 30, 2012	July 1, 2012-June 30, 2013	July 1, 2013-June 30, 2014
1	Surveillance of Change/ Data monitoring	Surveillance of Change/ Data monitoring	Surveillance of Change/ Data monitoring	Surveillance of Change/ Data monitoring	Surveillance of Change/ Data monitoring
1.1	ADT count and TMC annual and seasonal	ADT count and TMC annual and seasonal	ADT count and TMC annual and seasonal	ADT count and TMC annual and seasonal	ADT count and TMC annual and seasonal
1.2	VMT update and monitoring	VMT update and monitoring	VMT update and monitoring	VMT update and monitoring	VMT update and monitoring
1.3	Street System Changes update	Street System Changes update	Street System Changes update	Street System Changes update	Street System Changes update
1.4	Traffic accidents data	Traffic accidents data	Traffic accidents data	Traffic accidents data	Traffic accidents data
1.5	Transit system data	Transit system data	Transit system data	Transit system data	Transit system data
1.6	Housing, POP, Emp. data	Housing, POP, Emp. data	Housing, POP, Emp. data	Housing, POP, Emp. data	Housing, POP, Emp. data
1.7	Air travel	Air travel	Air travel	Air travel	Air travel
1.8	VOC	VOC	VOC	VOC	VOC
1.9	Travel Time	Travel Time	Travel Time	Travel Time	Travel Time
1.10	Mapping	Mapping	Mapping	Mapping	Mapping
1.11	Parking inventory	Parking inventory	Parking inventory	Parking inventory	Parking inventory
1.12	Bike/Ped. Facilities Inv	Bike/Ped. Facilities Inv	Bike/Ped. Facilities Inv	Bike/Ped. Facilities Inv	Bike/Ped. Facilities Inv
1.13	Bike/Ped. Facilities Counts	Bike/Ped. Facilities Counts	Bike/Ped. Facilities Counts	Bike/Ped. Facilities Counts	Bike/Ped. Facilities Counts
2	Unified Planning Work Program (UPWP)	Unified Planning Work Program (UPWP)	Unified Planning Work Program (UPWP)	Unified Planning Work Program (UPWP)	Unified Planning Work Program (UPWP)
2.1	Amend UPWP as necessary	Amend UPWP as necessary	Amend UPWP as necessary	Amend UPWP as necessary	Amend UPWP as necessary
2.2	Process quarterly invoices and reports	Process quarterly invoices and reports	Process quarterly invoices and reports	Process quarterly invoices and reports	Process quarterly invoices and reports
2.3	Prepare annual UPWP progress report and performance evaluation	Prepare annual UPWP progress report and performance evaluation	Prepare annual UPWP progress report and performance evaluation	Prepare annual UPWP progress report and performance evaluation	Prepare annual UPWP progress report and performance evaluation
2.4	Develop FY 2010 UPWP	Develop FY 2011 UPWP	Develop FY 2012 UPWP	Develop FY 2013 UPWP	Develop FY 2014 UPWP
2.5	Grant monitoring and audit	Grant monitoring and audit	Grant monitoring and audit	Grant monitoring and audit	Grant monitoring and audit
2.6	Perform annual self-certification & On-Going Process-Development	Perform annual self-certification & On-Going Process-Development	Perform annual self-certification & On-Going Process-Development	Perform annual self-certification & On-Going Process-Development	Perform annual self-certification & On-Going Process-Development
3	Long-Range Transportation Plan (LRTP)	Long-Range Transportation Plan (LRTP)	Long-Range Transportation Plan (LRTP)	Long-Range Transportation Plan (LRTP)	Long-Range Transportation Plan (LRTP)
3.1	SE data collection and Forecasts	SE data collection and Forecasts	Land-use Scenario analysis	Approval of the 2035 LRTP for AQ analysis and conformity	Approval of the 2035 LRTP for AQ analysis and conformity
3.2	2010 Base year data. Preparation of Land-use Scenario data	Goals, Objectives and targets	Deficiency Analysis	CTP components- Highway, transit, bicycle and pedestrian vision plans	CTP components- Highway, transit, bicycle and pedestrian vision plans
3.3		Model Update for LRTP analysis	Alternative analysis	AQ analysis and conformity determination process	AQ analysis and conformity determination process
3.4		2010 Base year data. Preparation of Land-use Scenario data	Development of Preferred Option	Inter-Agency Consultation process	Inter-Agency Consultation process

DCHC MPO 5-Year Unified Planning Work Program : July 1, 2009 to June 30, 2014

	1	2	3	4	5
FY	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Period	2009-10	2010-11	2011-12	2012-13	2013-14
	July 1, 2009-June 30, 2010	July 1, 2010-June 30, 2011	July 1, 2011-June 30, 2012	July 1, 2012-June 30, 2013	July 1, 2013-June 30, 2014
3.5				Draft LRTP AQ Conformity Jan 2013 & approval in March 2013	Draft LRTP AQ Conformity Jan 2013 & approval in March 2013
3.6				TAC Approved CTP in March 2013	TAC Approved CTP in March 2013
3.7					
3.8				BOT Approves CTP May 2013	BOT Approves CTP May 2013
3.9					
3.10					
4	Travel Demand Model Development and Update	Travel Demand Model Development and Update	Travel Demand Model Development and Update	Travel Demand Model Development and Update	Travel Demand Model Development and Update
4.1	On-going model maintenance and enhancement activities	On-going model maintenance and enhancement activities	On-going model maintenance and enhancement activities	On-going model maintenance and enhancement activities	On-going model maintenance and enhancement activities
4.2	Collection of 2010 base year survey data, Census, ACS augment, onboard transit, commercial vehicle, etc	Collection of 2010 base year data- traffic counts, transit, etc			
4.3	Collection & development of 2010 networks	Collection & development of 2010 networks			
4.4		Socio-economic and demographic data collection and forecasts			
4.5					
4.6					
4.7		2010 base year model calibration and validation			
5	Bicycle & Pedestrian Planning	Bicycle & Pedestrian Planning	Bicycle & Pedestrian Planning	Bicycle & Pedestrian Planning	Bicycle & Pedestrian Planning
5.1	On-going bike and pedestrian advocacy	On-going bike and pedestrian advocacy	On-going bike and pedestrian advocacy	On-going bike and pedestrian advocacy	On-going bike and pedestrian advocacy
5.2					
5.3					
6	Short-Range Transit Plan	Short-Range Transit Plan	Short-Range Transit Plan	Short-Range Transit Plan	Short-Range Transit Plan
6.1	On-going transit planning process	On-going transit planning process	On-going transit planning process	On-going transit planning process	On-going transit planning process
6.2		RE-evaluation of Transit Element of the CTP	RE-evaluation of Transit Element of the CTP	Transit Development Plan (TDP)	

DCHC MPO 5-Year Unified Planning Work Program : July 1, 2009 to June 30, 2014

	1	2	3	4	5
FY	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Period	2009-10	2010-11	2011-12	2012-13	2013-14
	July 1, 2009-June 30, 2010	July 1, 2010-June 30, 2011	July 1, 2011-June 30, 2012	July 1, 2012-June 30, 2013	July 1, 2013-June 30, 2014
7	Congestion Management Process (CMS/CMP)	Congestion Management Process (CMS/CMP)	Congestion Management Process (CMS/CMP)	Congestion Management Process (CMS/CMP)	Congestion Management Process (CMS/CMP)
7.1					
7.2	On-going CMP monitoring of strategies & effectiveness	On-going CMP monitoring of strategies & effectiveness	On-going CMP monitoring of strategies & effectiveness	On-going CMP monitoring of strategies & effectiveness	On-going CMP monitoring of strategies & effectiveness
7.3	Establishment of Area of application & reevaluation of definition of congestion		Establishment of Area of application & reevaluation of definition of congestion		
7.4	Transportation system definition (modes & networks)		Transportation system definition (modes & networks)		
7.5	Transportation system definition (modes & networks)		Transportation system definition (modes & networks)		
7.6	Data collection & analysis for MPO CMS Update		Data collection & analysis for MPO CMS Update		
7.7	Develop Performance monitoring Plan		Develop Performance monitoring Plan		
7.8	Identification and evaluation of strategies.		Identification and evaluation of strategies.		
7.9	Action plan for monitoring effectiveness of strategies		Action plan for monitoring effectiveness of strategies		
7.10	Public comment and adoption of the MPO CMS		Public comment and adoption of the MPO CMS		
8	TIP	TIP	TIP	TIP	TIP
	Develop final draft 2011-2017 MTIP. TIP conformity determination	Reconcile 2011-17 MTIP and STIP	Develop final draft 2013-2019 MTIP. TIP conformity determination	Reconcile 2013-19 MTIP and STIP	Develop final draft 2015-2021 MTIP. TIP conformity determination
	TAC Approves 2011-2017 MTIP	Federal Approval of conforming 2011-17 MTIP, Oct 1 2010	TAC Approves 2013-2019 MTIP	Federal Approval of conforming 2013-19 MTIP, Oct 1 2012	TAC Approves 2015-2021 MTIP
	BOT Approves 2011-2017 STIP	Update TIP ranking & project prioritization methodology as necessary	BOT Approves 2013-2019 STIP	Update TIP ranking & project prioritization methodology as necessary	BOT Approves 2015-2021 STIP
		Develop & submit TIP Project Priority List for 2013-2019 TIP		Develop & submit TIP Project Priority List for 2015-2021 TIP	
		Review draft STIP and prepare analysis comparison. Generate financial & revenue information for MTIP		Review draft STIP and prepare analysis comparison. Generate financial & revenue information for MTIP	
		One-on-one discussion between the MPO and NCDOT		One-on-one discussion between the MPO and NCDOT	

DCHC MPO 5-Year Unified Planning Work Program : July 1, 2009 to June 30, 2014

	1	2	3	4	5
FY	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Period	2009-10	2010-11	2011-12	2012-13	2013-14
	July 1, 2009-June 30, 2010	July 1, 2010-June 30, 2011	July 1, 2011-June 30, 2012	July 1, 2012-June 30, 2013	July 1, 2013-June 30, 2014
		Development 2013-2019 MTIP . Public input and comment process.		Development 2015-2021 MTIP . Public input and comment process.	
	Process MTIP amendments as needed	Process MTIP amendments as needed	Process MTIP amendments as needed	Process MTIP amendments as needed	
	Annual TIP project Listing	Annual TIP project Listing	Annual TIP project Listing	Annual TIP project Listing	
9	Title VI/Civil Rights/EJ	Title VI/Civil Rights/EJ	Title VI/Civil Rights/EJ	Title VI/Civil Rights/EJ	Title VI/Civil Rights/EJ
	Update EJ Plan and LEP program, and evaluate effectiveness of program and outreach efforts		Update EJ Plan and LEP program, and evaluate effectiveness of program and outreach efforts		
	Update EJ and LEP outreach mailing list	Update EJ and LEP outreach mailing list	Update EJ and LEP outreach mailing list	Update EJ and LEP outreach mailing list	Update EJ and LEP outreach mailing list
	Administer and monitor MPO EJ/LEP program	Administer and monitor MPO EJ/LEP program	Administer and monitor MPO EJ/LEP program	Administer and monitor MPO EJ/LEP program	Administer and monitor MPO EJ/LEP program
	Evaluate and Perform EJ analysis, impacts as needed	Evaluate and Perform EJ analysis, impacts as needed	Evaluate and Perform EJ analysis, impacts as needed	Evaluate and Perform EJ analysis, impacts as needed	Evaluate and Perform EJ analysis, impacts as needed
	Update EL/LEP demographic profile and database	Update EL/LEP demographic profile and database	Update EL/LEP demographic profile and database	Update EL/LEP demographic profile and database	Update EL/LEP demographic profile and database
10	Public Involvement/Participation Plan (PIP/PPP)	Public Involvement/Participation Plan (PIP/PPP)	Public Involvement/Participation Plan (PIP/PPP)	Public Involvement/Participation Plan (PIP/PPP)	Public Involvement/Participation Plan (PIP/PPP)
	Review and evaluate effectiveness of MPO Public Involvement Process	Review and evaluate effectiveness of MPO Public Involvement Process	Review and evaluate effectiveness of MPO Public Involvement Process	Review and evaluate effectiveness of MPO Public Involvement Process	Review and evaluate effectiveness of MPO Public Involvement Process
	On-going MPO website update and content management	On-going MPO website update and content management	On-going MPO website update and content management	On-going MPO website update and content management	On-going MPO website update and content management
11	Project Development & Incidental Planning	Project Development & Incidental Planning	Project Development & Incidental Planning	Project Development & Incidental Planning	Project Development & Incidental Planning
	Participation in project development, environmental analysis, NEAP process	Participation in project development, environmental analysis, NEAP process	Participation in project development, environmental analysis, NEAP process	Participation in project development, environmental analysis, NEAP process	Participation in project development, environmental analysis, NEAP process
	Northern Durham Parkway/US 70 NEAP study	Northern Durham Parkway/US 70 NEAP study			
12	Land-use & Transportation integration	Land-use & Transportation integration	Land-use & Transportation integration	Land-use & Transportation integration	Land-use & Transportation integration

DCHC MPO 5-Year Unified Planning Work Program : July 1, 2009 to June 30, 2014

	1	2	3	4	5
FY	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Period	2009-10	2010-11	2011-12	2012-13	2013-14
	July 1, 2009-June 30, 2010	July 1, 2010-June 30, 2011	July 1, 2011-June 30, 2012	July 1, 2012-June 30, 2013	July 1, 2013-June 30, 2014
	Monitoring of land use development and consistency check with SE forecasts	Monitoring of land use development and consistency check with SE forecasts	Monitoring of land use development and consistency check with SE forecasts	Monitoring of land use development and consistency check with SE forecasts	Monitoring of land use development and consistency check with SE forecasts
	<i>Developing, calibration of UrbanSim</i>	<i>Calibration and Validation of PhaseII UrbanSim Land-use model</i>	<i>Application and update of UrbanSim Land-Use Modfel</i>	<i>Application and update of UrbanSim Land-Use Modfel</i>	<i>Application and update of UrbanSim Land-Use Modfel</i>
13	Intelligent Transportation System Planning	Intelligent Transportation System Planning	Intelligent Transportation System Planning	Intelligent Transportation System Planning	Intelligent Transportation System Planning
	<i>ITS Strategic Deployment Plan Update</i>	<i>Update of architecture,Turbo architecture & IDAS</i>	<i>Update of architecture,Turbo architecture & IDAS</i>	<i>Update of architecture,Turbo architecture & IDAS</i>	<i>Update of architecture,Turbo architecture & IDAS</i>
	ITS planning, operation and monitoring	ITS planning, operation and monitoring	ITS planning, operation and monitoring	ITS planning, operation and monitoring	ITS planning, operation and monitoring
14	Safety Planning	Safety Planning	Safety Planning	Safety Planning	Safety Planning
	Safety data collection and analysis, and coordination with other agencies.	Safety data collection and analysis, and coordination with other agencies.	Safety data collection and analysis, and coordination with other agencies.	Safety data collection and analysis, and coordination with other agencies.	Safety data collection and analysis, and coordination with other agencies.
	Ongoing integration of safety in the MPO transportation planning process	Ongoing integration of safety in the MPO transportation planning process	Ongoing integration of safety in the MPO transportation planning process	Ongoing integration of safety in the MPO transportation planning process	Ongoing integration of safety in the MPO transportation planning process
15	Freight Planning	Freight Planning	Freight Planning	Freight Planning	Freight Planning
	on-going freight planning and coordination	on-going freight planning and coordination	on-going freight planning and coordination	on-going freight planning and coordination	on-going freight planning and coordination
	Outreach with freight and logistic companies	Outreach with freight and logistic companies	Outreach with freight and logistic companies	Outreach with freight and logistic companies	Outreach with freight and logistic companies
	Continuous update of truck circulation maps	Continuous update of truck circulation maps	Continuous update of truck circulation maps	Continuous update of truck circulation maps	Continuous update of truck circulation maps
16	Transportation System Preservation	Transportation System Preservation	Transportation System Preservation	Transportation System Preservation	Transportation System Preservation
	Transportation System Preservation planning and operation	Transportation System Preservation planning and operation	Transportation System Preservation planning and operation	Transportation System Preservation planning and operation	Transportation System Preservation planning and operation
17	GIS Development	GIS Development	GIS Development	GIS Development	GIS Development

DCHC MPO 5-Year Unified Planning Work Program : July 1, 2009 to June 30, 2014

	1	2	3	4	5
FY	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Period	2009-10	2010-11	2011-12	2012-13	2013-14
	July 1, 2009-June 30, 2010	July 1, 2010-June 30, 2011	July 1, 2011-June 30, 2012	July 1, 2012-June 30, 2013	July 1, 2013-June 30, 2014
	<i>Maintain Databases</i>	<i>Maintain Databases</i>	<i>Maintain Databases</i>	<i>Maintain Databases</i>	<i>Maintain Databases</i>
	Maintain Databases	Maintain Databases	Acquire and Maintain Data; maintain hardware and software	Acquire and Maintain Data; maintain hardware and software	Acquire and Maintain Data; maintain hardware and software
	Maintenance of MPO GIS and data layers	Maintenance of MPO GIS and data layers	Maintenance of MPO GIS and data layers	Maintenance of MPO GIS and data layers	Maintenance of MPO GIS and data layers
	Coordination with resource agencies and linkages of transportation data with environmental data	Coordination with resource agencies and linkages of transportation data with environmental data	Coordination with resource agencies and linkages of transportation data with environmental data	Coordination with resource agencies and linkages of transportation data with environmental data	Coordination with resource agencies and linkages of transportation data with environmental data
	<i>Update green print maps</i>	<i>Update green print maps</i>	<i>Update green print maps</i>	<i>Update green print maps</i>	<i>Update green print maps</i>
18	Management and Operations	Management and Operations	Management and Operations	Management and Operations	Management and Operations
	Management and Operations of the MPO 3-C process	Management and Operations of the MPO 3-C process	Management and Operations of the MPO 3-C process	Management and Operations of the MPO 3-C process	Management and Operations of the MPO 3-C process
	TAC directives	TAC directives	TAC directives	TAC directives	TAC directives
19	Special Studies/State & Regional Planning	Special Studies/State & Regional Planning	Special Studies/State & Regional Planning	Special Studies/State & Regional Planning	Special Studies/State & Regional Planning
	As Needed	As Needed	As Needed	As Needed	As Needed

Appendices

Agency Project Descriptions and Funding Source Tables

City of Durham/LPA		Durham-Chapel Hill-Carrboro Urban Area FY 2009-2010 Unified Planning Work Program Proposed Funding Source Tables												Durham 2/20/2009 15:37				
Task Description	STP-DA 133(b)(3)(7)		Sec. 104(f) PL		Section 5303 Highway/Transit			Section 5307 Transit			Section 5309 Transit			Task Funding Summary				
	Local 20%	FHWA 80%	Local 20%	FHWA 80%	Local 10%	NCDOT 10%	FTA 80%	Local 10%	NCDOT 10%	FTA 80%	Local 25%	NCDOT 25%	FTA 50%	Local	NCDOT	Federal	Total	
II A	Surveillance of Change																	
1	10,250	41,000	0	0	0	0	0	0	0	0	0	0	0	10,250	-	41,000	51,250	
2	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	
3	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	
4	500	2,000	0	0	0	0	0	0	0	0	0	0	500	-	2,000	2,500		
5	1,250	5,000	0	0	9,453	9,453	75,627	1,120	1,120	8,957			11,823	10,573	89,584	111,980		
6	3,750	15,000	3,500	14,000	0	0	0	0	0	0	0	0	7,250	-	29,000	36,250		
7	0	0	500	2,000	0	0	0	0	0	0	0	0	500	-	2,000	2,500		
8	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-		
9	10,960	43,838	5,000	20,000	0	0	0	0	0	0	0	0	15,960	-	63,838	79,798		
10	10,000	40,000	2,500	10,000	0	0	0	0	0	0	0	0	12,500	-	50,000	62,500		
11	5,000	20,000	0	0	0	0	0	0	0	0	0	0	5,000	-	20,000	25,000		
12	3,875	15,500	0	0	0	0	0	0	0	0	0	0	3,875	-	15,500	19,375		
13	6,425	25,700	0	0	0	0	0	0	0	0	0	0	6,425	-	25,700	32,125		
II B	Long Range Transp. Plan																	
1	12,500	50,000	0	0	0	0	0	0	0	0	0	0	12,500	-	50,000	62,500		
2	12,500	50,000	0	0	0	0	0	0	0	0	0	0	12,500	-	50,000	62,500		
3	153,085	612,340	0	0	0	0	0	0	0	0	0	0	153,085	-	612,340	765,425		
4	25,000	100,000	0	0	0	0	0	0	0	0	0	0	25,000	-	100,000	125,000		
5	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-		
6	0	0	1,000	4,000	0	0	0	0	0	0	0	0	1,000	-	4,000	5,000		
7	1,250	5,000	2,500	10,000	0	0	0	0	0	0	0	0	3,750	-	15,000	18,750		
8	1,250	5,000	0	0	0	0	0	0	0	0	0	0	1,250	-	5,000	6,250		
9	875	3,500	1,250	5,000	0	0	0	0	0	0	0	0	2,125	-	8,500	10,625		
10	151,625	606,500	1,250	5,000	0	0	0	811	811	6,486			153,686	811	617,986	772,483		
11	9,500	38,000	2,500	10,000	0	0	0	0	0	0	0	0	12,000	-	48,000	60,000		
12	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-		
13	7,000	28,000	0	0	0	0	0	0	0	0	0	0	7,000	-	28,000	35,000		
14	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-		
15	10,000	40,000	1,250	5,000	0	0	0	0	0	0	0	0	11,250	-	45,000	56,250		
16	0	0	2,000	8,000	0	0	0	0	0	0	0	0	2,000	-	8,000	10,000		
17	15,000	60,000	3,000	12,000	0	0	0	1,616	1,616	12,928			19,616	1,616	84,928	106,160		
18	0	0	500	2,000	0	0	0	0	0	0	0	0	500	-	2,000	2,500		
II C	Short Range Transit Planning																	
1	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-		
III-A	Planning Work Program																	
	0	0	2,750	11,000	0	0	0	3,483	3,483	27,866			6,233	3,483	38,866	48,583		
III-B	Transp. Improvement Plan																	
	0	0	8,052	32,207	0	0	0	239	239	1,912			8,291	239	34,119	42,649		
III-C	Civil Rgts. Comp./Otr. Reg. Reqs.																	
1	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-		
2	0	0	1,500	6,000	0	0	0	0	0	0	0	0	1,500	-	6,000	7,500		
3	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-		
4	0	0	750	3,000	5,000	5,000	40,000	0	0	0	0	0	5,750	5,000	43,000	53,750		
5	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-		
6	2,500	10,000	5,500	22,000	0	0	0	5,271	5,271	42,165			13,271	5,271	74,165	92,706		
7	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-		
III-D	Incidental Ping./Project Dev.																	
1	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-		
2	750	3,000	1,811	7,245	0	0	0	0	0	0	0	0	2,561	-	10,245	12,806		
3	63,298	253,190	1,250	5,000	0	0	0	0	0	0	0	0	64,548	-	258,190	322,738		
4	5,750	23,000	1,250	5,000	0	0	0	0	0	0	0	0	7,000	-	28,000	35,000		
III-E	Management & Operations																	
1	37,740	150,960	17,480	69,920	0	0	0	25,794	25,794	206,351	0	0	0	81,014	25,794	427,231	534,039	
Totals	\$561,632	\$2,246,528	\$67,093	\$268,372	\$14,453	\$14,453	\$115,627	\$38,333	\$38,333	\$306,665	\$0	\$0	\$0	\$681,512	\$52,787	\$2,937,192	\$3,671,490	

Durham-Chapel Hill-Carrboro Urban Area																	
Durham Area Transit Authority																	
FY 2009-2010 Unified Planning Work Program																	
Proposed Funding Source Tables - FTA Transit Funds																	
Durham																	
2/20/2009 15:38																	
Task Description	STP-DA 133b(3)(7)		Sec. 104(f) PL		Section 5303 Highway/Transit			Section 5307 Transit			Section 5309 Transit			Task Funding Summary			
	Local 20%	FHWA 80%	Local 20%	FHWA 80%	Local 10%	NCDOT 10%	FTA 80%	Local 10%	NCDOT 10%	FTA 80%	Local 25%	NCDOT 25%	FTA 50%	Local	NCDOT	Federal	Total
II A Surveillance of Change																	
1 Traffic Volume Counts	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
2 Vehicle Miles of Travel	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
3 Street System Changes	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
4 Traffic Accidents	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
5 Transit System Data	0	0	0	0	9,453	9,453	75,627	1,120	1,120	8,957				10,573	10,573	84,584	105,730
6 Dwelling Unit, Pop. & Emp. Change	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
7 Air Travel	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
8 Vehicle Occupancy Rates	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
9 Travel Time Studies	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
10 Mapping	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
11 Central Area Parking Inventory	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
12 Bike & Ped. Facilities Inventory	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
13 Bike & Ped. Counts	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
II B Long Range Transp. Plan																	
1 Collection of Base Year Data	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
2 Collection of Network Data	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
3 Travel Model Updates	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
4 Travel Surveys	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
5 Forecast of Data to Horizon year	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
6 Community Goals & Objectives	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
7 Forecast of Future Travel Patterns	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
8 Capacity Deficiency Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
9 Highway Element of th LRTP	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
10 Transit Element of the LRTP	0	0	0	0	0	0	0	0	811	811	6,486			811	811	6,486	8,108
11 Bicycle & Ped. Element of the LRTP	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
12 Airport/Air Travel Element of LRTP	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
13 Collector Street Element of LRTP	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
14 Rail, Water or other mode of LRTP	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
15 Freight Movement/Mobility Planning	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
16 Financial Planning	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
17 Congestion Management Strategies	0	0	0	0	0	0	0	0	1,616	1,616	12,928			1,616	1,616	12,928	16,160
18 Air Qual. Planning/Conformity Anal.	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
II C Short Range Transit Planning																	
1 Short Range Transit Planning	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
III-A Planning Work Program																	
1 Planning Work Program	0	0	0	0	0	0	0	0	3,483	3,483	27,866			3,483	3,483	27,866	34,833
III-B Transp. Improvement Plan																	
1 Transp. Improvement Plan	0	0	0	0	0	0	0	0	239	239	1,912			239	239	1,912	2,390
III-C Cyl Rgts. Cmp/Otr .Reg. Reqs.																	
1 Title VI	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
2 Environmental Justice	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
3 Minority Business Enterprise	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
4 Planning for the Elderly & Disabled	0	0	0	0	5,000	5,000	40,000	0	0	0	0	0	0	5,000	5,000	40,000	50,000
5 Safety/Drug Control Planning	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
6 Public Involvement	0	0	0	0	0	0	0	0	5,271	5,271	42,165			5,271	5,271	42,165	52,706
7 Private Sector Participation	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
III-D Incidental Png./Project Dev.																	
1 Transportation Enhancement Png.	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
2 Enviro. Analysis & Pre-TIP Png.	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
3 Special Studies	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
4 Regional or Statewide Planning	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
III-E Management & Operations																	
1 Management & Operations	0	0	0	0	0	0	0	0	25,794	25,794	206,351	0	0	25,794	25,794	206,351	257,939
Totals	\$0	\$0	\$0	\$0	\$14,453	\$14,453	\$115,627	\$38,333	\$38,333	\$306,665	\$0	\$0	\$0	\$52,787	\$52,787	\$422,292	\$527,865

**ATTACHMENT #4
FTA TASK NARRATIVE TABLE
CITY OF DURHAM FY2009-2010 (FY 2010) UPWP**

1- MPO	City of Durham
2- FTA Code	442100
3- Task Code	III-A
4- Title	Planning Work Program
5- Task Objective	To identify task areas and staff hours needed to complete each task.
6- Tangible Product Expected	Annual Planning Work program outline and costs associated with them.
7- Expected Completion Date of Products	June-09
8- Previous Work	2007-08 Planning Work Program.
9- Prior FTA Funds	\$33,181
10- Relationship	The Planning Work Program is intended to support various planning efforts throughout the City of Durham's transit system.
11- Agency	City of Durham, Public Works Department (Transportation)
12- HPR - Highway - NCDOT 20%	
13- HPR - Highway - F11WA 80%	
14- Section 104 (f) PI, Local 20%	
15- Section 104 (f) P I FHWA 80%	
16- Section 5303 Local 10%	
17- Section 5303 NCDOT 10%	
18- Section 5303 FTA 80%	
19- Section 5307 Transit - Local 10%	3,486
20- Section 5307 Transit - NCDOT 10%	3,486
21- Section 5307 Transit - FTA 80%	27,886
22- Additional Funds - Local 100%	

I- MPO	City of Durham
2- FTA Code	442500
3- Task Code	III-B
4- Title	Transportation Improvement Plan
5- Task Objective	To continue the program of developing plans for improving transportation locally.
6- Tangible Product Expected	More efficient plans for improving service and routes locally.
7- Expected Completion Date of Products	June-09
8- Previous Work	Short Range Transportation Development Plan.
9- Prior FTA Funds	\$2,276
10- Relationship	These activities support local transportation planning.
11- Agency	City of Durham, Public Works Department (Transportation)
12- HPR - Highway - NCDOT 20%	
13- HPR - Highway - F11WA 80%	
14- Section 104 (f) PI, Local 20%	
15- Section 104 (f) P I FHWA 80%	
16- Section 5303 Local 10%	
17- Section 5303 NCDOT 10%	
18- Section 5303 FTA 80%	
19- Section 5307 Transit - Local 10%	239
20- Section 5307 Transit - NCDOT 10%	239
21- Section 5307 Transit - FTA 80%	1,912
22- Additional Funds - Local 100%	

I- MPO	City of Durham
2- FTA Code	442400
3- Task Code	III-C-4
4- Title	Planning for the Elderly & Disabled
5- Task Objective	To conduct reviews to improve cancellations and no shows and revise policies in these areas to prevent frequent occurrences.
6- Tangible Product Expected	Continued certification and re-certification of ACCESS clients and enhancement of service in the most cost efficient manner.
7- Expected Completion Date of Products	June-09
8- Previous Work	Earlier mapping of ACCESS user trips and certification of ACCESS clients.
9- Prior FTA Funds	\$50,000
10- Relationship	
11- Agency	City of Durham, Public Works Department (Transportation)
12- HPR - Highway - NCDOT 20%	
13- HPR - Highway - F11WA 80%	
14- Section 104 (f) PI, Local 20%	
15- Section 104 (f) P I FHWA 80%	
16- Section 5303 Local 10%	5,000
17- Section 5303 NCDOT 10%	5,000
18- Section 5303 FTA 80%	40,000
19- Section 5307 Transit - Local 10%	
20- Section 5307 Transit - NCDOT 10%	
21- Section 5307 Transit - FTA 80%	
22- Additional Funds - Local 100%	

I- MPO	City of Durham
2- FTA Code	442100
3- Task Code	III-C-6
4- Title	Public Involvement
5- Task Objective	To seek out untapped ridership through aggressive marketing tactics. To conduct market surveys and seek new advertising mediums.
6- Tangible Product Expected	Positive customer view of the transit system and increased ridership from non traditional users.
7- Expected Completion Date of Products	June-09
8- Previous Work	Significant marketing efforts have been undertaken to improve service and the dissemination of information to the public.
9- Prior FTA Funds	\$49,932
10- Relationship	This information is used in conjunction with Task III-A.
11- Agency	City of Durham, Public Works Department (Transportation)
12- HPR - Highway - NCDOT 20%	
13- HPR - Highway - F11WA 80%	
14- Section 104 (f) PI, Local 20%	
15- Section 104 (f) P I FHWA 80%	
16- Section 5303 Local 10%	
17- Section 5303 NCDOT 10%	
18- Section 5303 FTA 80%	
19- Section 5307 Transit - Local 10%	5,271
20- Section 5307 Transit - NCDOT 10%	5,271
21- Section 5307 Transit - FTA 80%	42,165
22- Additional Funds - Local 100%	

I- MPO	City of Durham
2- FTA Code	442100
3- Task Code	III-E
4- Title	Management and Operations
5- Task Objective	To prepare all required reports, to attend technical meetings and to continue oversight of the Transit operation.
6- Tangible Product Expected	To remain in compliance with all reporting requirements, to ensure the efficient operation of the transit system and to ensure that public funds are spent in a responsible manner.
7- Expected Completion Date of Products	June-09
8- Previous Work	Creation of internal procedures to monitor and report transit data and new procedures to monitor financial operations.
9- Prior FTA Funds	\$244,816
10- Relationship	Data retrieved from Transit System Data task II-A-5 also relevant to this task.
11- Agency	City of Durham, Public Works Department (Transportation)
12- HPR - Highway - NCDOT 20%	
13- HPR - Highway - F11WA 80%	
14- Section 104 (f) PI, Local 20%	
15- Section 104 (f) P I FHWA 80%	
16- Section 5303 Local 10%	
17- Section 5303 NCDOT 10%	
18- Section 5303 FTA 80%	
19- Section 5307 Transit - Local 10%	25,794
20- Section 5307 Transit - NCDOT 10%	25,794
21- Section 5307 Transit - FTA 80%	206,351
22- Additional Funds - Local 100%	

1- MPO	City of Durham
2- FTA Code	442400
3- Task Code	II-A-5
4- Title	Transit System Data
5- Task Objective	To conduct FTA required passenger counts. Continue to conduct systemwide surveys and studies for the purpose of service improvement.
6- Tangible Product Expected	Ridership and Route recommendation report.
7- Expected Completion Date of Products	Jun-09
8- Previous Work	FTA passenger counts are required every 3 years. This data will be collected for 2008.
9- Prior FTA Funds	\$75,467
10- Relationship	Data retrieved is used to disseminate performance information to the Board under task III-E
11- Agency	City of Durham, Public Works Department (Transportation)
12- HPR - Highway - NCDOT 20%	
13- HPR - Highway - F11WA 80%	
14- Section 104 (f) PI, Local 20%	
15- Section 104 (f) P I FHWA 80%	
16- Section 5303 Local 10%	9,453
17- Section 5303 NCDOT 10%	9,453
18- Section 5303 FTA 80%	75,627
19- Section 5307 Transit - Local 10%	1,119
20- Section 5307 Transit - NCDOT 10%	1,120
21- Section 5307 Transit - FTA 80%	8,957
22- Additional Funds - Local 100%	

I- MPO	City of Durham
2- FTA Code	442301
3- Task Code	II-B-10
4- Title	Transit Element of the LRTP
5- Task Objective	Transit survey (Boarding and Alighting, On-Board Surveys). Input at the TCC level on matters related to the transit element of the LRTP.
6- Tangible Product Expected	Transit on-board and transit boarding and alighting survey results. Current and future transit network.
7- Expected Completion Date of Products	Jun-09
8- Previous Work	The on board surveys and conducting on a regular basis.
9- Prior FTA Funds	\$7,682
10- Relationship	
11- Agency	City of Durham, Public Works Department (Transportation)
12- HPR - Highway - NCDOT 20%	
13- HPR - Highway - F11WA 80%	
14- Section 104 (f) PI, Local 20%	
15- Section 104 (f) P I FHWA 80%	
16- Section 5303 Local 10%	
17- Section 5303 NCDOT 10%	
18- Section 5303 FTA 80%	
19- Section 5307 Transit - Local 10%	811
20- Section 5307 Transit - NCDOT 10%	811
21- Section 5307 Transit - FTA 80%	6486
22- Additional Funds - Local 100%	

I- MPO	City of Durham
2- FTA Code	442301
3- Task Code	II-B-17
4- Title	Congestion Management Strategies
5- Task Objective	Surveys conducted by the DATA TDM coordinator. Seminars are provided by the TDM coordinator.
6- Tangible Product Expected	TDM Survey Results.
7- Expected Completion Date of Products	Jun-09
8- Previous Work	Ongoing
9- Prior FTA Funds	\$15,242
10- Relationship	
11- Agency	City of Durham, Public Works Department (Transportation)
12- HPR - Highway - NCDOT 20%	
13- HPR - Highway - F11WA 80%	
14- Section 104 (f) PI, Local 20%	
15- Section 104 (f) P I FHWA 80%	
16- Section 5303 Local 10%	
17- Section 5303 NCDOT 10%	
18- Section 5303 FTA 80%	
19- Section 5307 Transit - Local 10%	1,616
20- Section 5307 Transit - NCDOT 10%	1,616
21- Section 5307 Transit - FTA 80%	12,928
22- Additional Funds - Local 100%	

Attachment # 7 Anticipated DBE Contracting Opportunities for FY 2010

Name of MPO: **DCHC**

DATA

Person Completing Form: **Pierre Osei-Owusu**

Telephone Number: **(919) 560-1535**

Prospectus Task Code	Prospectus Description	Name of Agency Contracting Out	Type of Contracting Opportunity (Consultant, etc.)	Federal Funds to be Contracted Out	Total Funds to be Contracted Out
DATA			NO CONTRACTING OPPORTUNITIES		

Sample Entry:

II-C-11	Transit Plan Evaluation	Big City Planning Department	Consultant	\$48,000	\$60,000
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Note: This form must be submitted to NCDOT-PTD even if you anticipate no DBE Contracting Opportunities. Note “No contracting opportunities” on the table if you do not anticipate having any contracting opportunities.

Town of Chapel Hill		Durham-Chapel Hill-Carrboro Urban Area FY 2009-2010 Unified Planning Work Program Proposed Funding Source Tables											Town of Chapel Hill 2/20/2009 15:40				
Task Description	STP-DA 133(b)(3)(7)		Sec. 104(f) PL		Section 5303 Highway/Transit			Section 5307 Transit			Section 5309 Transit			Task Funding Summary			
	Local 20%	FHWA 80%	Local 20%	FHWA 80%	Local 10%	NCDOT 10%	FTA 80%	Local 10%	NCDOT 10%	FTA 80%	Local 25%	NCDOT 25%	FTA 50%	Local	NCDOT	Federal	Total
II A	Surveillance of Change																
1	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
2	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
3	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
4	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
5	6,250	25,000	0	0	0	0	0	0	0	0	0	0	0	6,250	-	25,000	31,250
6	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
7	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
8	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
9	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
10	2,500	10,000	2,500	10,000	2,500	2,500	20,000	0	0	0	0	0	0	7,500	2,500	40,000	50,000
11	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
12	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
13	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
II B	Long Range Transp. Plan																
1	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
2	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
3	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
4	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
5	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
6	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
7	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
8	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
9	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
10	0	0	1,750	7,000	875	875	7,000	0	0	0	0	0	0	2,625	875	14,000	17,500
11	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
12	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
13	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
14	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
15	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
16	0	0	625	2,500	313	313	2,500	0	0	0	0	0	0	938	313	5,000	6,250
17	1,263	5,050	4,250	17,000	2,500	2,500	20,000	0	0	0	0	0	0	8,013	2,500	42,050	52,563
18	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
II C	Short Range Transit Planning																
1	22,500	90,000	0	0	1,875	1,875	15,000	0	0	0	0	0	0	24,375	1,875	105,000	131,250
III-A	Planning Work Program																
1	750	3,000	250	1,000	161	161	1,288	0	0	0	0	0	0	1,161	161	5,288	6,610
III-B	Transp. Improvement Plan																
1	500	2,000	250	1,000	250	250	2,000	0	0	0	0	0	0	1,000	250	5,000	6,250
III-C	Civil Rgts. Cmp/Otr .Reg. Reqs.																
1	750	3,000	0	0	0	0	0	0	0	0	0	0	0	750	-	3,000	3,750
2	750	3,000	0	0	0	0	0	0	0	0	0	0	0	750	-	3,000	3,750
3	2,500	10,000	0	0	0	0	0	0	0	0	0	0	0	2,500	-	10,000	12,500
4	2,500	10,000	0	0	0	0	0	0	0	0	0	0	0	2,500	-	10,000	12,500
5	1,250	5,000	0	0	0	0	0	0	0	0	0	0	0	1,250	-	5,000	6,250
6	1,500	6,000	0	0	0	0	0	0	0	0	0	0	0	1,500	-	6,000	7,500
7	750	3,000	0	0	0	0	0	0	0	0	0	0	0	750	-	3,000	3,750
III-D	Incidental Png./Project Dev.																
1	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
2	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
3	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
4	13,244	52,974	1,117	4,468	1,250	1,250	10,000	0	0	0	0	0	0	15,611	1,250	67,442	84,303
III-E	Management & Operations																
1	40,000	160,000	5,000	20,000	4,163	4,163	33,304	0	0	0	0	0	0	49,163	4,163	213,304	266,630
Totals	\$97,006	\$388,024	\$15,742	\$62,968	\$13,887	\$13,887	\$111,092	\$0	\$0	\$0	\$0	\$0	\$0	\$126,635	\$13,887	\$562,084	\$702,605

Durham-Chapel Hill-Carrboro Urban Area															Town of Chapel Hill			
Chapel Hill Transit (CHT)															2/20/2009 15:39			
FY 2009-2010 Unified Planning Work Program																		
Proposed Funding Source Tables - FTA Transit Funds																		
Task Description	STP-DA 133(b)(3)(7)		Sec. 104(f) PL		Section 5303 Highway/Transit			Section 5307 Transit			Section 5309 Transit			Task Funding Summary				
	Local 20%	FHWA 80%	Local 20%	FHWA 80%	Local 10%	NCDOT 10%	FTA 80%	Local 10%	NCDOT 10%	FTA 80%	Local 25%	NCDOT 25%	FTA 50%	Local	NCDOT	Federal	Total	
II A Surveillance of Change																		
1 Traffic Volume Counts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 Vehicle Miles of Travel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 Street System Changes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 Traffic Accidents	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 Transit System Data	6,250	25,000	0	0	0	0	0	0	0	0	0	0	0	6,250	0	25,000	31,250	
6 Dwelling Unit, Pop. & Emp. Change	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7 Air Travel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
8 Vehicle Occupancy Rates	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9 Travel Time Studies	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
10 Mapping	2,500	10,000	0	0	2,500	2,500	20,000	0	0	0	0	0	0	5,000	2,500	30,000	37,500	
11 Central Area Parking Inventory	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
12 Bike & Ped. Facilities Inventory	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
13 Bike & Ped. Counts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
II B Long Range Transp. Plan																		
1 Collection of Base Year Data	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 Collection of Network Data	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 Travel Model Updates	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 Travel Surveys	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 Forecast of Data to Horizon year	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 Community Goals & Objectives	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 Forecast of Future Travel Patterns	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 Capacity Deficiency Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 Highway Element of th LRTP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 Transit Element of the LRTP	0	0	0	0	875	875	7,000	0	0	0	0	0	0	875	875	7,000	8,750	
11 Bicycle & Ped. Element of the LRTP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
12 Airport/Air Travel Element of LRTP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
13 Collector Street Element of LRTP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
14 Rail, Water or other mode of LRTP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
15 Freight Movement/Mobility Planning	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
16 Financial Planning	0	0	0	0	313	313	2,500	0	0	0	0	0	0	313	313	2,500	3,125	
17 Congestion Management Strategies	1,263	5,050	0	0	2,500	2,500	20,000	0	0	0	0	0	0	3,763	2,500	25,050	31,313	
18 Air Qual. Planning/Conformity Anal.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
II C Short Range Transit Planning																		
1 Short Range Transit Planning	22,500	90,000	0	0	1,875	1,875	15,000	0	0	0	0	0	0	24,375	1,875	105,000	131,250	
III-A Planning Work Program																		
1 Planning Work Program	750	3,000	0	0	161	161	1,288	0	0	0	0	0	0	911	161	4,288	5,360	
III-B Transp. Improvement Plan																		
1 Transp. Improvement Plan	500	2,000	0	0	250	250	2,000	0	0	0	0	0	0	750	250	4,000	5,000	
III-C Cvl Rgts. Cmp./Otr. Reg. Reqs.																		
1 Title VI	750	3,000	0	0	0	0	0	0	0	0	0	0	0	750	0	3,000	3,750	
2 Environmental Justice	750	3,000	0	0	0	0	0	0	0	0	0	0	0	750	0	3,000	3,750	
3 Minority Business Enterprise	2,500	10,000	0	0	0	0	0	0	0	0	0	0	0	2,500	0	10,000	12,500	
4 Planning for the Elderly & Disabled	2,500	10,000	0	0	0	0	0	0	0	0	0	0	0	2,500	0	10,000	12,500	
5 Safety/Drug Control Planning	1,250	5,000	0	0	0	0	0	0	0	0	0	0	0	1,250	0	5,000	6,250	
6 Public Involvement	1,500	6,000	0	0	0	0	0	0	0	0	0	0	0	1,500	0	6,000	7,500	
7 Private Sector Participation	750	3,000	0	0	0	0	0	0	0	0	0	0	0	750	0	3,000	3,750	
III-D Incidental Png./Project Dev.																		
1 Transportation Enhancement Png.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2 Enviro. Analysis & Pre-TIP Png.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3 Special Studies	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
4 Regional or Statewide Planning	13,244	52,974	0	0	1,250	1,250	10,000	0	0	0	0	0	0	14,494	1,250	62,974	78,718	
III-E Management & Operations																		
1 Management & Operations	0	160,000	0	0	4,163	4,163	33,304	0	0	0	0	0	0	4,163	4,163	193,304	201,630	
Totals	\$57,006	\$388,024	\$0	\$0	\$13,887	\$13,887	\$111,092	\$0	\$0	\$0	\$0	\$0	\$0	\$70,893	\$13,887	\$499,116	\$583,895	

**ATTACHMENT #4
FTA TASK NARRATIVE TABLE
FY2009-2010**

1- MPO	Town of Chapel Hill
2- FTA Code	442301
3- Task Code	II-A-5
4- Title	Transit System Data
5- Task Objective	To maintain and modify maps of Chapel Hill Transit routes using GIS technology. Chapel Hill Transit will use GIS maps to analyze ridership and travel data and mapping to provide public information. To support implementation of DCHC Long Range Transportation Plan and development of Congestion Management Plan.
6- Tangible Product Expected	Maps will be prepared for use in various projects. Both electronic and paper maps will be prepared.
7- Expected Completion Date of Products	June-10
8- Previous Work	Preparation of mapping.
9- Prior FTA Funds	\$10,000
10- Relationship	This mapping will be used to implement the recommendations of the STAC, the 2035 Long Range Transportation Plan, the Chapel Hill Long Range Transit Plan and the Chapel Hill Transit Short Range Transit Plan.
11- Agency	Chapel Hill Transit and Planning Department
12- HPR - Highway - NCDOT 20%	
13- HPR - Highway - FHWA 80%	
14- Section 104 (f) PL, Local 20%	
15- Section 104 (f) PL FHWA 80%	
16- Section 5303 Local 10%	
17- Section 5303 NCDOT 10%	
18- Section 5303 FTA 80%	
19- Section 5307 Transit - Local 10%	
20- Section 5307 Transit - NCDOT 10%	
21- Section 5307 Transit - FTA 80%	
22- Additional Funds - (STP-DA) Local 20%	2,500
23. Additional Funds – (STP-DA) 80%	25,000

ATTACHMENT #4
FTA TASK NARRATIVE TABLE
FY2009-2010

1- MPO	Town of Chapel Hill
2- FTA Code	442301
3- Task Code	II-A-10
4- Title	Mapping
5- Task Objective	To maintain and modify maps of Chapel Hill Transit routes using GIS technology. Chapel Hill Transit will use GIS maps to analyze ridership and travel data and mapping to provide public information. To support implementation of DCHC Long Range Transportation Plan and development of Congestion Management Plan.
6- Tangible Product Expected	Maps will be prepared for use in various projects. Both electronic and paper maps will be prepared.
7- Expected Completion Date of Products	June-10
8- Previous Work	Preparation of mapping.
9- Prior FTA Funds	\$8,000
10- Relationship	This mapping will be used to implement the recommendations of the STAC, the 2035 Long Range Transportation Plan, the Chapel Hill Long Range Transit Plan and the Chapel Hill Transit Short Range Transit Plan.
11- Agency	Chapel Hill Transit and Planning Department
12- HPR - Highway - NCDOT 20%	
13- HPR - Highway - FHWA 80%	
14- Section 104 (f) PL, Local 20%	2,500
15- Section 104 (f) PLFHWA 80%	10,000
16- Section 5303 Local 10%	2,500
17- Section 5303 NCDOT 10%	2,500
18- Section 5303 FTA 80%	20,000
19- Section 5307 Transit - Local 10%	
20- Section 5307 Transit - NCDOT 10%	
21- Section 5307 Transit - FTA 80%	
22- Additional Funds - (STP-DA) Local 20%	2,500
23. Additional Funds – (STP-DA) 80%	10000

**ATTACHMENT #4
FTA TASK NARRATIVE TABLE
FY2009-2010**

1- MPO	Town of Chapel Hill
2- FTA Code	442301
3- Task Code	II-B-10
4- Title	Transit Element of the Long Range Plan
5- Task Objective	To implement the recommendations of the STAC, 2035 DCHC Long Range Transportation Plan and Chapel Hill Transit Plan.
6- Tangible Product Expected	Implementation plans for 2035, STAC and Long Range Transit Plans.
7- Expected Completion Date of Products	June-10
8- Previous Work	Development of the 2035 LRTP, STAC recommendations and Chapel Hill Long Range Transit Plan.
9- Prior FTA Funds	\$12,000
10- Relationship	These activities support regional transportation planning.
11- Agency	Chapel Hill Transit and Planning Department
12- HPR - Highway - NCDOT 20%	
13- HPR - Highway - FHWA 80%	
14- Section 104 (f) PL, Local 20%	1,750
15- Section 104 (f) PL FHWA 80%	7,000
16- Section 5303 Local 10%	875
17- Section 5303 NCDOT 10%	875
18- Section 5303 FTA 80%	7,000
19- Section 5307 Transit - Local 10%	
20- Section 5307 Transit - NCDOT 10%	
21- Section 5307 Transit - FTA 80%	
22- Additional Funds - (STP-DA) Local 20%	
23. Additional Funds – (STP-DA) 80%	

ATTACHMENT #4
FTA TASK NARRATIVE TABLE
FY2009-2010

1- MPO	Town of Chapel Hill
2- FTA Code	442301
3- Task Code	II-B-16
4- Title	Financial Planning
5- Task Objective	To implement the Financial Plan for the 2035 Regional Transportation Plan
6- Tangible Product Expected	2035 LRTP financial implementation plan
7- Expected Completion Date of Products	June-10
8- Previous Work	2030 financial plan and STAC financial evaluation..
9- Prior FTA Funds	\$2,500
10- Relationship	This information will be used to refine Chapel Hill Transit's efforts to implement the 2035 LRTP, STAC recommendations and the Chapel Hill Long Range Transit Plan.
11- Agency	Chapel Hill Transit and Planning Department
12- HPR - Highway - NCDOT 20%	
13- HPR - Highway - FHWA 80%	
14- Section 104 (f) PL, Local 20%	625
15- Section 104 (f) PL FHWA 80%	2,500
16- Section 5303 Local 10%	313
17- Section 5303 NCDOT 10%	313
18- Section 5303 FTA 80%	2,500
19- Section 5307 Transit - Local 10%	
20- Section 5307 Transit - NCDOT 10%	
21- Section 5307 Transit - FTA 80%	
22- Additional Funds - (STP-DA) Local 20%	
23. Additional Funds – (STP-DA) 80%	

**ATTACHMENT #4
FTA TASK NARRATIVE TABLE
FY2009-2010**

1- MPO	Town of Chapel Hill
2- FTA Code	442301
3- Task Code	II-B-17
4- Title	Congestion Management Strategies
5- Task Objective	To implement the Triangle TDM program in Chapel Hill.
6- Tangible Product Expected	To support the development of the DCHC Congestion Management Plan.
7- Expected Completion Date of Products	June-10
8- Previous Work	2005 Mobility Report Card
9- Prior FTA Funds	\$20,000
10- Relationship	This program will support Chapel Hill Transit and regional transit services.
11- Agency	Chapel Hill Transit and Planning Department
12- HPR - Highway - NCDOT 20%	
13- HPR - Highway - FHWA 80%	
14- Section 104 (f) PL, Local 20%	4,250
15- Section 104 (f) PL FHWA 80%	17,000
16- Section 5303 Local 10%	2,500
17- Section 5303 NCDOT 10%	2,500
18- Section 5303 FTA 80%	20,000
19- Section 5307 Transit - Local 10%	
20- Section 5307 Transit - NCDOT 10%	
21- Section 5307 Transit - FTA 80%	
22- Additional Funds - (STP-DA) Local 20%	1,263
23. Additional Funds – (STP-DA) 80%	5,050

**ATTACHMENT #4
FTA TASK NARRATIVE TABLE
FY2009-2010**

1- MPO	Town of Chapel Hill
2- FTA Code	442100
3- Task Code	II-C-1
4- Title	Short Range Transit Plan
5- Task Objective	To develop and monitor the annual planning work program. To gather system performance data, conduct and analyze system development of 5-7 year plan in consideration with Long Range Transit Plan, including financial and capital projections.
6- Tangible Product Expected	2009-10 Planning Work Program.
7- Expected Completion Date of Products	June-10
8- Previous Work	
9- Prior FTA Funds	\$0
10- Relationship	The Planning Work Program supports various regional planning efforts
11- Agency	Chapel Hill Transit and Planning Department
12- HPR - Highway - NCDOT 20%	
13- HPR - Highway - FHWA 80%	
14- Section 104 (f) PL, Local 20%	
15- Section 104 (f) PL FHWA 80%	
16- Section 5303 Local 10%	1,875
17- Section 5303 NCDOT 10%	1,875
18- Section 5303 FTA 80%	15,000
19- Section 5307 Transit - Local 10%	
20- Section 5307 Transit - NCDOT 10%	
21- Section 5307 Transit - FTA 80%	
22- Additional Funds - (STP-DA) Local 20%	22,500
23. Additional Funds – (STP-DA) 80%	90,000

ATTACHMENT #4
FTA TASK NARRATIVE TABLE
FY2009-2010

I- MPO	Town of Chapel Hill
2- FTA Code	442100
3- Task Code	III-A
4- Title	Planning Work Program
5- Task Objective	To develop and monitor the annual planning work program.
6- Tangible Product Expected	2009-10 Planning Work Program.
7- Expected Completion Date of Products	May-10
8- Previous Work	2008-09 Planning Work Program.
9- Prior FTA Funds	\$4,288
10- Relationship	The Planning Work Program supports various regional planning efforts
11- Agency	Chapel Hill Transit and Planning Department
12- HPR - Highway - NCDOT 20%	
13- HPR - Highway - FHWA 80%	
14- Section 104 (f) PI, Local 20%	250
15- Section 104 (f) P I FHWA 80%	1,000
16- Section 5303 Local 10%	161
17- Section 5303 NCDOT 10%	161
18- Section 5303 FTA 80%	1,288
19- Section 5307 Transit - Local 10%	
20- Section 5307 Transit - NCDOT 10%	
21- Section 5307 Transit - FTA 80%	
22- Additional Funds - (STP-DA) Local 20%	750
23. Additional Funds – (STP-DA) 80%	3,000

**ATTACHMENT #4
FTA TASK NARRATIVE TABLE
FY2009-2010**

1- MPO	Town of Chapel Hill
2- FTA Code	442500
3- Task Code	III-B
4- Title	Transportation Improvement Program
5- Task Objective	To monitor implementation of the 2011-2017 TIP. Implement and update 5 year transit Capital Improvement Program.
6- Tangible Product Expected	5 year Transit Capital Improvement Plan
7- Expected Completion Date of Products	June-10
8- Previous Work	Implementation of 2009-2015 TIP.
9- Prior FTA Funds	\$7,000
10- Relationship	The TIP will be used to support the implementation of the 2035 LRTP, STAC Plan and Chapel Hill Long Range Transit Plan..
11- Agency	Chapel Hill Transit and Planning Department
12- HPR - Highway - NCDOT 20%	
13- HPR - Highway - FHWA 80%	
14- Section 104 (f) PL, Local 20%	250
15- Section 104 (f) PL FHWA 80%	1,000
16- Section 5303 Local 10%	250
17- Section 5303 NCDOT 10%	250
18- Section 5303 FTA 80%	2,000
19- Section 5307 Transit - Local 10%	
20- Section 5307 Transit - NCDOT 10%	
21- Section 5307 Transit - FTA 80%	
22- Additional Funds - (STP-DA) Local 20%	500
23. Additional Funds – (STP-DA) 80%	2,000

**ATTACHMENT #4
FTA TASK NARRATIVE TABLE
FY2009-2010**

1- MPO	Town of Chapel Hill
2- FTA Code	442200
3- Task Code	III-C
4- Title	Civil Rights Compliance Activities
5- Task Objective	To assess and update Title VI, to assess impact of transit services on low income and minority populations, assess compliance with minority business enterprise regulations and impact of transit services on elderly and handicapped populations.
6- Tangible Product Expected	Title VI Update.
7- Expected Completion Date of Products	June-10
8- Previous Work	Work in preparation of Triennial Review.
9- Prior FTA Funds	\$12,000
10- Relationship	
11- Agency	Chapel Hill Transit and Planning Department
12- HPR - Highway - NCDOT 20%	
13- HPR - Highway - FHWA 80%	
14- Section 104 (f) PL, Local 20%	
15- Section 104 (f) PL FHWA 80%	
16- Section 5303 Local 10%	
17- Section 5303 NCDOT 10%	
18- Section 5303 FTA 80%	
19- Section 5307 Transit - Local 10%	
20- Section 5307 Transit - NCDOT 10%	
21- Section 5307 Transit - FTA 80%	
22- Additional Funds - (STP-DA) Local 20%	40,000
23. Additional Funds – (STP-DA) 80%	10,000

**ATTACHMENT #4
FTA TASK NARRATIVE TABLE
FY2009-2010**

1- MPO	Town of Chapel Hill
2- FTA Code	442200
3- Task Code	III-D-4
4- Title	Regional or Statewide Planning
5- Task Objective	To support regional and statewide planning projects.
6- Tangible Product Expected	NC54 Corridor Study, MPO Land Use Model, MPO Bike/Walk model.
7- Expected Completion Date of Products	June-10
8- Previous Work	STAC process, Long and Short Range Transit Plan
9- Prior FTA Funds	\$10,000
10- Relationship	This project supports the implementation of the 2035 Regional Plan, STAC recommendations and Chapel Hill Long Range Transit Plan.
11- Agency	Chapel Hill Transit and Planning Department
12- HPR - Highway - NCDOT 20%	
13- HPR - Highway - FHWA 80%	
14- Section 104 (f) PL Local 20%	1,117
15- Section 104 (f) PL FHWA 80%	4,468
16- Section 5303 Local 10%	1,250
17- Section 5303 NCDOT 10%	1,250
18- Section 5303 FTA 80%	10,000
19- Section 5307 Transit - Local 10%	
20- Section 5307 Transit - NCDOT 10%	
21- Section 5307 Transit - FTA 80%	
22- Additional Funds - (STP-DA) Local 20%	52,974
23. Additional Funds – (STP-DA) 80%	13,244

ATTACHMENT #4
FTA TASK NARRATIVE TABLE
FY2009-2010

1- MPO	Town of Chapel Hill
2- FTA Code	442100
3- Task Code	III-E
4- Title	Management and Operations
5- Task Objective	To support various transit planning activities.
6- Tangible Product Expected	Ongoing.
7- Expected Completion	
Date of Products	June-10
8- Previous Work	Management of transit planning program.
9- Prior FTA Funds	\$38,000
10- Relationship	Supports all other transit planning activities.
11- Agency	Chapel Hill Transit and Planning Department
12- HPR - Highway - NCDOT 20%	
13- HPR - Highway - FHWA 80%	
14- Section 104 (f) PL Local 20%	5,000
15- Section 104 (f) PL FHWA 80%	20,000
16- Section 5303 Local 10%	4,163
17- Section 5303 NCDOT 10%	4,163
18- Section 5303 FTA 80%	33,304
19- Section 5307 Transit - Local 10%	
20- Section 5307 Transit - NCDOT 10%	
21- Section 5307 Transit - FTA 80%	
22- Additional Funds - (STP-DA) Local 20%	40,000
23. Additional Funds – (STP-DA) 80%	160,000

**Attachment # 7
Anticipated DBE Contracting Opportunities for FY 2010**

Name of MPO: DCHC MPO - Town of Chapel Hill

Person Completing Form: David Bonk/Carmen Cole

Telephone Number: 919-969-4911

Prospectus Task Code	Prospectus Description	Name of Agency Contracting Out	Type of Contracting Opportunity (Consultant, etc.)	Federal Funds to be Contracted Out	Total Funds to be Contracted Out
THERE ARE CURRENTLY NO ANTICIPATED DBE CONTRACTING OPPORTUNITIES.					

Sample Entry:

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Note: This form must be submitted to NCDOT-PTD even if you anticipate no DBE Contracting Opportunities. Note “No contracting opportunities” on the table if you do not anticipate having any contracting opportunities.

Orange County		Durham-Chapel Hill-Carrboro Urban Area FY 2009-2010 Unified Planning Work Program Proposed Funding Source Tables											Orange County 2/20/2009 15:36						
	Task Description	SPR Highway		Sec. 104(f) & 133b(3)(7)		Section 5303 Highway/Transit			Section 5307 Transit			Section 5309 Transit			Task Funding Summary				
		NCDOT 20%	FHWA 80%	Local 20%	FHWA 80%	Local 10%	NCDOT 10%	FTA 80%	Local 10%	NCDOT 10%	FTA 80%	Local 25%	NCDOT 25%	FTA 50%	Local	NCDOT	Federal	Total	
II A	Surveillance of Change																		
II A 1	Traffic Volume Counts			0	0														
2	Vehicle Miles of Travel																		
3	Street System Changes																		
4	Traffic Accidents																		
5	Transit System Data			0	0														
6	Dwelling Unit, Pop. & Emp. Change																		
7	Air Travel																		
8	Vehicle Occupancy Rates																		
9	Travel Time Studies			0	0														
10	Mapping			0	0														
11	Central Area Parking Inventory																		
12	Bike & Ped. Facilities Inventory																		
13	Bike & Ped. Counts			0	0														
II B	Long Range Transp. Plan																		
II B 1	Collection of Base Year Data			0	0														
2	Collection of Network Data			0	0														
3	Travel Model Updates																		
4	Travel Surveys																		
5	Forecast of Data to Horizon year			0	0														
6	Community Goals & Objectives																		
7	Forecast of Future Travel Patterns																		
8	Capacity Deficiency Analysis																		
9	Highway Element of the L RTP																		
10	Transit Element of the L RTP																		
11	Bicycle & Ped. Element of the L RTP																		
12	Airport/Air Travel Element of L RTP																		
13	Collector Street Element of L RTP																		
14	Rail, Water or other mode of L RTP																		
15	Freight Movement/Mobility Planning																		
16	Financial Planning																		
17	Congestion Management Strategies			0	0														
18	Air Qual. Planning/Conformity Anal.			0	0														
II C	Short Range Transit Planning																		
II C 1	Short Range Transit Planning																		
III-A	Planning Work Program			0	0														
III-B	Transp. Improvement Plan			0	0														
III-C	Civil Rqts. Cmp./Otr. Reg. Rqs.																		
III-C 1	Title VI																		
2	Environmental Justice			0	0														
3	Minority Business Enterprise																		
4	Planning for the Elderly & Disabled																		
5	Safety/Drug Control Planning																		
6	Public Involvement			0	0														
7	Private Sector Participation																		
III-D	Incidental Png./Project Dev.																		
III-D 1	Transportation Enhancement Png.																		
2	Enviro. Analysis & Pre-TIP Png.																		
3	Special Studies			0	0														
4	Regional or Statewide Planning																		
III-E	Management & Operations																		
III-E 1	Management & Operations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Totals		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

NCDOT		Durham-Chapel Hill-Carrboro Urban Area FY 2009-2010 Unified Planning Work Program Proposed Funding Source Tables											NCDOT 2/20/2009 15:36						
	Task Description	SPR Highway		Sec. 104(f) & 133(b)(3)(7)		Section 5303 Highway/Transit			Section 5307 Transit			Section 5309 Transit			Task Funding Summary				
		NCDOT 20%	FHWA 80%	Local 20%	FHWA 80%	Local 10%	NCDOT 10%	FTA 80%	Local 10%	NCDOT 10%	FTA 80%	Local 25%	NCDOT 25%	FTA 50%	Local	NCDOT	Federal	Total	
II A	Surveillance of Change																		
II A 1	Traffic Volume Counts	0	0																
II A 2	Vehicle Miles of Travel	0	0																
II A 3	Street System Changes	0	0																
II A 4	Traffic Accidents	0	0																
II A 5	Transit System Data	0	0						0	0									
II A 6	Dwelling Unit, Pop. & Emp. Change	0	0																
II A 7	Air Travel	0	0																
II A 8	Vehicle Occupancy Rates	0	0																
II A 9	Travel Time Studies	0	0																
II A 10	Mapping	0	0																
II A 11	Central Area Parking Inventory	0	0																
II A 12	Bike & Ped. Facilities Inventory	0	0																
II A 13	Bike & Ped. Counts	0	0																
II B	Long Range Transp. Plan																		
II B 1	Collection of Base Year Data	0	0																
II B 2	Collection of Network Data	0	0																
II B 3	Travel Model Updates	2,100	8,400																
II B 4	Travel Surveys	0	0																
II B 5	Forecast of Data to Horizon year	0	0																
II B 6	Community Goals & Objectives	0	0																
II B 7	Forecast of Future Travel Patterns	0	0																
II B 8	Capacity Deficiency Analysis	0	0																
II B 9	Highway Element of the L RTP	0	0																
II B 10	Transit Element of the L RTP	0	0																
II B 11	Bicycle & Ped. Element of the L RTP	0	0																
II B 12	Airport/Air Travel Element of L RTP	0	0																
II B 13	Collector Street Element of L RTP	200	800																
II B 14	Rail, Water or other mode of L RTP	0	0																
II B 15	Freight Movement/Mobility Planning	0	0																
II B 16	Financial Planning	0	0																
II B 17	Congestion Management Strategies	800	3,200																
II B 18	Air Qual. Planning/Conformity Anal.	200	800																
II C	Short Range Transit Planning																		
II C 1	Short Range Transit Planning	0	0																
III-A	Planning Work Program	400	1,600																
III-B	Transp. Improvement Plan	400	1,600																
III-C	Cvl Rgts. Cmp/Otr .Reg. Reqs.																		
III-C 1	Title VI	0	0																
III-C 2	Environmental Justice	0	0																
III-C 3	Minority Business Enterprise	0	0																
III-C 4	Planning for the Elderly & Disabled	0	0																
III-C 5	Safety/Drug Control Planning	0	0																
III-C 6	Public Involvement	0	0																
III-C 7	Private Sector Participation	0	0																
III-D	Incidental Png./Project Dev.																		
III-D 1	Transportation Enhancement Png.	100	400																
III-D 2	Enviro. Analysis & Pre-TIP Png.	1,000	4,000																
III-D 3	Special Studies	1,000	4,000																
III-D 4	Regional or Statewide Planning	2,100	8,400																
III-E	Management & Operations																		
III-E 1	Management & Operations	4,000	16,000																
Totals		\$12,300	\$49,200	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$12,300	\$49,200	\$0	\$61,500

Triangle Transit Authority (TTA)		Durham-Chapel Hill-Carrboro Urban Area FY 2009-2010 Unified Planning Work Program Proposed Funding Source Tables											TTA 2/20/2009 15:35					
Task Description	STP-DA 133(b)(3)(7)		Sec. 104(f) PL		Section 5303 Highway/Transit			Section 5307 Transit			Section 5309 Transit			Task Funding Summary				
	Local 20%	FHWA 80%	Local 20%	FHWA 80%	Local 10%	NCDOT 10%	FTA 80%	Local 10%	NCDOT 10%	FTA 80%	Local 25%	NCDOT 25%	FTA 50%	Local	NCDOT	Federal	Total	
II A	Surveillance of Change																	
1			0	0				0	0	0				-	-	-	-	
2			0	0				0	0	0				-	-	-	-	
3			0	0				0	0	0				-	-	-	-	
4			0	0				0	0	0				-	-	-	-	
5			0	0				5,000	5,000	40,000				5,000	5,000	40,000	50,000	
6			0	0				0	0	0				-	-	-	-	
7			0	0				0	0	0				-	-	-	-	
8			0	0				0	0	0				-	-	-	-	
9			0	0				0	0	0				-	-	-	-	
10			0	0				0	0	0				-	-	-	-	
11			0	0				0	0	0				-	-	-	-	
12			0	0				0	0	0				-	-	-	-	
13			0	0				0	0	0				-	-	-	-	
II B	Long Range Transp. Plan																	
1			0	0				0	0	0				-	-	-	-	
2			0	0				0	0	0				-	-	-	-	
3			0	0				7,250	7,250	58,000				7,250	7,250	58,000	72,500	
4			0	0				4,500	4,500	36,000				4,500	4,500	36,000	45,000	
5			0	0				0	0	0				-	-	-	-	
6			0	0				0	0	0				-	-	-	-	
7			0	0				0	0	0				-	-	-	-	
8			0	0				0	0	0				-	-	-	-	
9		0	0	0	0			0	0	0				-	-	-	-	
10		0	0	0	0			2,500	2,500	20,000				2,500	2,500	20,000	25,000	
11			0	0				0	0	0				-	-	-	-	
12			0	0				0	0	0				-	-	-	-	
13			0	0				0	0	0				-	-	-	-	
14			0	0				0	0	0				-	-	-	-	
15			0	0				0	0	0				-	-	-	-	
16			0	0				0	0	0				-	-	-	-	
17		0	0	0	0			0	0	0				-	-	-	-	
18			0	0				0	0	0				-	-	-	-	
II C	Short Range Transit Planning																	
1			0	0				15,000	15,000	120,000				15,000	15,000	120,000	150,000	
III-A	Planning Work Program																	
III-B	Transp. Improvement Plan																	
III-C	Civil Rgts. Cmp/Otr. Reg. Reqs.																	
1			0	0				0	0	0				-	-	-	-	
2			0	0				0	0	0				-	-	-	-	
3			0	0				0	0	0				-	-	-	-	
4			0	0				0	0	0				-	-	-	-	
5			0	0				0	0	0				-	-	-	-	
6			0	0				0	0	0				-	-	-	-	
7			0	0				0	0	0				-	-	-	-	
III-D	Incidental Plng./Project Dev.																	
1			0	0				0	0	0				-	-	-	-	
2			0	0				0	0	0				-	-	-	-	
3			0	0				23,500	23,500	188,000				23,500	23,500	188,000	235,000	
4			0	0				0	0	0				-	-	-	-	
III-E	Management & Operations																	
1			0	0				0	0	0				-	-	-	-	
Totals		\$0	\$0	\$0	\$0	\$0	\$0	\$57,750	\$57,750	\$462,000	\$0	\$0	\$0	\$57,750	\$57,750	\$462,000	\$577,500	

**FTA TASK NARRATIVE TABLE
TRIANGLE TRANSIT FY 2009-2010 UPWP**

1- MPO	Durham Chapel Hill Carrboro MPO	
2- FTA Code	442400	
3- Task Code	II-A-5	
4- Title	Transit System Data	
5- Task Objective	To collect highway and transit travel time data for use in calibration of regional model travel times for the TRM.	
6- Tangible Product Expected	Survey data to be utilized by TRM model team	
7- Expected Completion Date of Products	June-09	
8- Previous Work	Continued and ongoing TRM development of TransCad application	
9- Prior FTA Funds	\$80,000	
10- Relationship	Data is used to calibrate travel times in the regional model.	
11- Agency	Triangle Transit and ITRE	
12- HPR - Highway - NCDOT	20%	
13- HPR - Highway - FHWA	80%	
14- Section 104 (f) PI, Local	20%	
15- Section 104 (f) P I FHWA	80%	
16- Section 5303 Local	10%	
17- Section 5303 NCDOT	10%	
18- Section 5303 FTA	80%	
19- Section 5307 Transit - Local	10%	5,000
20- Section 5307 Transit - NCDOT	10%	5,000
21- Section 5307 Transit - FTA	80%	40,000
22- Additional Funds - Local	100%	

1- MPO	Durham Chapel Hill Carrboro MPO
2- FTA Code	442301
3- Task Code	II-B-3
4- Title	Travel Model Updates
5- Task Objective	Ongoing support of TRM service bureau
6- Tangible Product Expected	Updated Triangle Regional Model
7- Expected Completion Date of Products	June-09
8- Previous Work	Ongoing support of TRM service bureau
9- Prior FTA Funds	\$100,000
10- Relationship	Supports the regional travel model utilized for the LRTP and other transit and highway planning purposes.
11- Agency	Service Bureau/ITRE responsible for task – Triangle Transit is a funding partner
12- HPR - Highway - NCDOT 20%	
13- HPR - Highway - FHWA 80%	
14- Section 104 (f) PI, Local 20%	
15- Section 104 (f) P I FHWA 80%	
16- Section 5303 Local 10%	
17- Section 5303 NCDOT 10%	
18- Section 5303 FTA 80%	
19- Section 5307 Transit - Local 10%	7,250
20- Section 5307 Transit - NCDOT 10%	7,250
21- Section 5307 Transit - FTA 80%	58,000
22- Additional Funds - Local 100%	

I- MPO	Durham Chapel Hill Carrboro MPO
2- FTA Code	442301
3- Task Code	II-B-4
4- Title	Travel Surveys
5- Task Objective	Customer Satisfaction Survey
6- Tangible Product Expected	To conduct a full on-board customer satisfaction survey to evaluate TTA customers' level of satisfaction for a broad range of TTA characteristics
7- Expected Completion	
Date of Products	June-09
8- Previous Work	Baseline satisfaction survey for TTA customers was conducted in 2003.
9- Prior FTA Funds	\$32,000
10- Relationship	Provides customer feedback and input to assist in development of TTA service programs and plans.
11- Agency	Triangle Transit
12- HPR - Highway - NCDOT 20%	
13- HPR - Highway - FHWA 80%	
14- Section 104 (f) PI, Local 20%	
15- Section 104 (f) P I FHWA 80%	
16- Section 5303 Local 10%	
17- Section 5303 NCDOT 10%	
18- Section 5303 FTA 80%	
19- Section 5307 Transit - Local 10%	4,500
20- Section 5307 Transit - NCDOT 10%	4,500
21- Section 5307 Transit - FTA 80%	36,000
22- Additional Funds - Local 100%	

I- MPO	Durham Chapel Hill Carrboro MPO
2- FTA Code	442301
3- Task Code	II-B-10
4- Title	Transit Element of the LRTP
5- Task Objective	To provide travel market analysis and cost information for development of transit investments for the LRTP; and to acquire GIS support services from TJCOG
6- Tangible Product Expected	Technical planning report provided to regional leaders and the MPO; other GIS service needs as required.
7- Expected Completion Date of Products	June-09
8- Previous Work	Continued and ongoing regional corridor analysis for LRTP and other projects
9- Prior FTA Funds	\$96,000
10- Relationship	This supports regional transit planning for capital investments.
11- Agency	Triangle Transit (with joint sponsorship by TJCOG and MPOs, NCDOT)
12- HPR - Highway - NCDOT 20%	
13- HPR - Highway - FHWA 80%	
14- Section 104 (f) PI, Local 20%	
15- Section 104 (f) P I FHWA 80%	
16- Section 5303 Local 10%	
17- Section 5303 NCDOT 10%	
18- Section 5303 FTA 80%	
19- Section 5307 Transit - Local 10%	2,500
20- Section 5307 Transit - NCDOT 10%	2,500
21- Section 5307 Transit - FTA 80%	20,000
22- Additional Funds - Local 100%	

I- MPO	Durham Chapel Hill Carrboro MPO
2- FTA Code	442400
3- Task Code	II-C-1
4- Title	Short Range Transit Planning
5- Task Objective	This covers a portion of staff salaries in the Departments of Commuter Resources and Capital Development related to TTA's short-range transit service and facility planning
6- Tangible Product Expected	On-going staff salaries
7- Expected Completion Date of Products	June-09
8- Previous Work	Ongoing staff salaries
9- Prior FTA Funds	\$224,800
10- Relationship	Provides staff support to carry out TTA planning activities related to service planning and capital development
11- Agency	Triangle Transit
12- HPR - Highway - NCDOT 20%	
13- HPR - Highway - FHWA 80%	
14- Section 104 (f) PI, Local 20%	
15- Section 104 (f) P I FHWA 80%	
16- Section 5303 Local 10%	
17- Section 5303 NCDOT 10%	
18- Section 5303 FTA 80%	
19- Section 5307 Transit - Local 10%	15,000
20- Section 5307 Transit - NCDOT 10%	15,000
21- Section 5307 Transit - FTA 80%	120,000
22- Additional Funds - Local 100%	

I- MPO	Durham Chapel Hill Carrboro MPO
2- FTA Code	442302
3- Task Code	III-D-3
4- Title	Special Studies
5- Task Objective	Studies may be conducted for corridors that show promise during the course of the development of the transit element of the LRTP, including capital cost estimation, financial planning, and transit expert studies for corridors and alignments
6- Tangible Product Expected	RFP and/or Technical Report
7- Expected Completion Date of Products	June-09
8- Previous Work	Development of Transit Blueprint products for Special Commission
9- Prior FTA Funds	\$160,000
10- Relationship	This task will follow from the transit infrastructure planning conducted for the LRTP.
11- Agency	Triangle Transit
12- HPR - Highway - NCDOT 20%	
13- HPR - Highway - FHWA 80%	
14- Section 104 (f) PI, Local 20%	
15- Section 104 (f) P I FHWA 80%	
16- Section 5303 Local 10%	
17- Section 5303 NCDOT 10%	
18- Section 5303 FTA 80%	
19- Section 5307 Transit - Local 10%	23,500
20- Section 5307 Transit - NCDOT 10%	23,500
21- Section 5307 Transit - FTA 80%	188,000
22- Additional Funds - Local 100%	

UNIFIED PLANNING WORK PROGRAM FOR TRIANGLE TRANSIT AGENCY

Table 7. ANTICIPATED DBE CONTRACTING OPPORTUNITIES FOR FY09-10

Section 5307

Name of MPO: Durham Chapel Hill Carrboro MPO
Triangle Transit Authority -TTA

Person Completing Form: Patrick McDonough

Telephone No: 919-485-7455

Prospectus Task Code	Prospectus Description	Name of Agency Contracting Out	Type of Contracting Opportunity (Consultant, Printing, etc.)	Federal Funds to be Contracted Out	Total Funds to be Contracted Out
Task II B 4	Travel Surveys	TTA	Consultant		
Task II-B-10	Transit Element of the LRTP	TTA	Consultant		
Task III-D-3	Special Studies	TTA	Consultant		

Triangle J COG		Durham-Chapel Hill-Carrboro Urban Area FY 2009-2010 Unified Planning Work Program Proposed Funding Source Tables											TJCOG 2/20/2009 16:34					
	Task Description	STP-DA 133(b)(3)(7)		Sec. 104(f) PL		Section 5303 Highway/Transit			Section 5307 Transit			Section 5309 Transit			Task Funding Summary			
		Local 20%	FHWA 80%	Local 20%	FHWA 80%	Local 10%	NCDOT 10%	FTA 80%	Local 10%	NCDOT 10%	FTA 80%	Local 25%	NCDOT 25%	FTA 50%	Local	NCDOT	Federal	Total
II A	Surveillance of Change																	
II A	1 Traffic Volume Counts														-	-	-	-
	2 Vehicle Miles of Travel													-	-	-	-	
	3 Street System Changes													-	-	-	-	
	4 Traffic Accidents													-	-	-	-	
	5 Transit System Data								0	0				-	-	-	-	
	6 Dwelling Unit, Pop. & Emp. Change													-	-	-	-	
	7 Air Travel													-	-	-	-	
	8 Vehicle Occupancy Rates													-	-	-	-	
	9 Travel Time Studies													-	-	-	-	
	10 Mapping													-	-	-	-	
	11 Central Area Parking Inventory													-	-	-	-	
	12 Bike & Ped. Facilities Inventory													-	-	-	-	
	13 Bike & Ped. Counts													-	-	-	-	
II B	Long Range Transp. Plan																	
II B	1 Collection of Base Year Data													-	-	-	-	
	2 Collection of Network Data													-	-	-	-	
	3 Travel Model Updates													-	-	-	-	
	4 Travel Surveys	0	0	0	0									-	-	-	-	
	5 Forecast of Data to Horizon year	0	0	0	0									-	-	-	-	
	6 Community Goals & Objectives													-	-	-	-	
	7 Forecast of Future Travel Patterns													-	-	-	-	
	8 Capacity Deficiency Analysis													-	-	-	-	
	9 Highway Element of th LRTP													-	-	-	-	
	10 Transit Element of the LRTP	0		0	0									-	-	-	-	
	11 Bicycle & Ped. Element of the LRTP	0	0	0	0									-	-	-	-	
	12 Airport/Air Travel Element of LRTP													-	-	-	-	
	13 Collector Street Element of LRTP			0	0									-	-	-	-	
	14 Rail, Water or other mode of LRTP													-	-	-	-	
	15 Freight Movement/Mobility Planning													-	-	-	-	
	16 Financial Planning													-	-	-	-	
	17 Congestion Management Strategies													-	-	-	-	
	18 Air Qual. Planning/Conformity Anal.	2,500	10,000	0	0									-	2,500	10,000	12,500	
II C	Short Range Transit Planning																	
II C	1 Short Range Transit Planning													-	-	-	-	
III-A	Planning Work Program																	
III-B	Transp. Improvement Plan																	
III-C	Cvl Rgts. Cmp/Otr. Reg. Reqs.																	
III-C	1 Title VI													-	-	-	-	
	2 Environmental Justice													-	-	-	-	
	3 Minority Business Enterprise													-	-	-	-	
	4 Planning for the Elderly & Disabled													-	-	-	-	
	5 Safety/Drug Control Planning													-	-	-	-	
	6 Public Involvement													-	-	-	-	
	7 Private Sector Participation													-	-	-	-	
III-D	Incidental Plng./Project Dev.																	
III-D	1 Transportation Enhancement Plng.													-	-	-	-	
	2 Enviro. Analysis & Pre-TIP Plng.													-	-	-	-	
	3 Special Studies	0	0	0	0				0	0	0	0	0	-	-	-	-	
	4 Regional or Statewide Planning	4,067	16,266	0	0									-	4,067	16,266	20,333	
III-E	Management & Operations																	
III-E	1 Management & Operations	0	0											-	-	-	-	
Totals		\$6,567	\$26,266	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,567	\$26,266	\$32,833	

Elizabeth Brady Road Extension Study Model Result Report

Prepared for:

**The Town of Hillsborough
Hillsborough, North Carolina**

By

DCHC MPO

February 20, 2009

To evaluate the TIP project of Elizabeth Brady Road Extension and other alternatives, DCHC MPO staff has performed travel demand model runs as requested by the Town of Hillsborough in February 2009.

The Triangle Regional Travel Demand Model was used for this study. The DCHC MPO's 2035 population and employment projections, and its 2035 LRTP network were used as sources for creating the three alternatives that the Town of Hillsborough identified. A 2035 No- Build scenario was also added for alternative comparisons.

Table 1: Alternatives for Elizabeth Brady Road Study

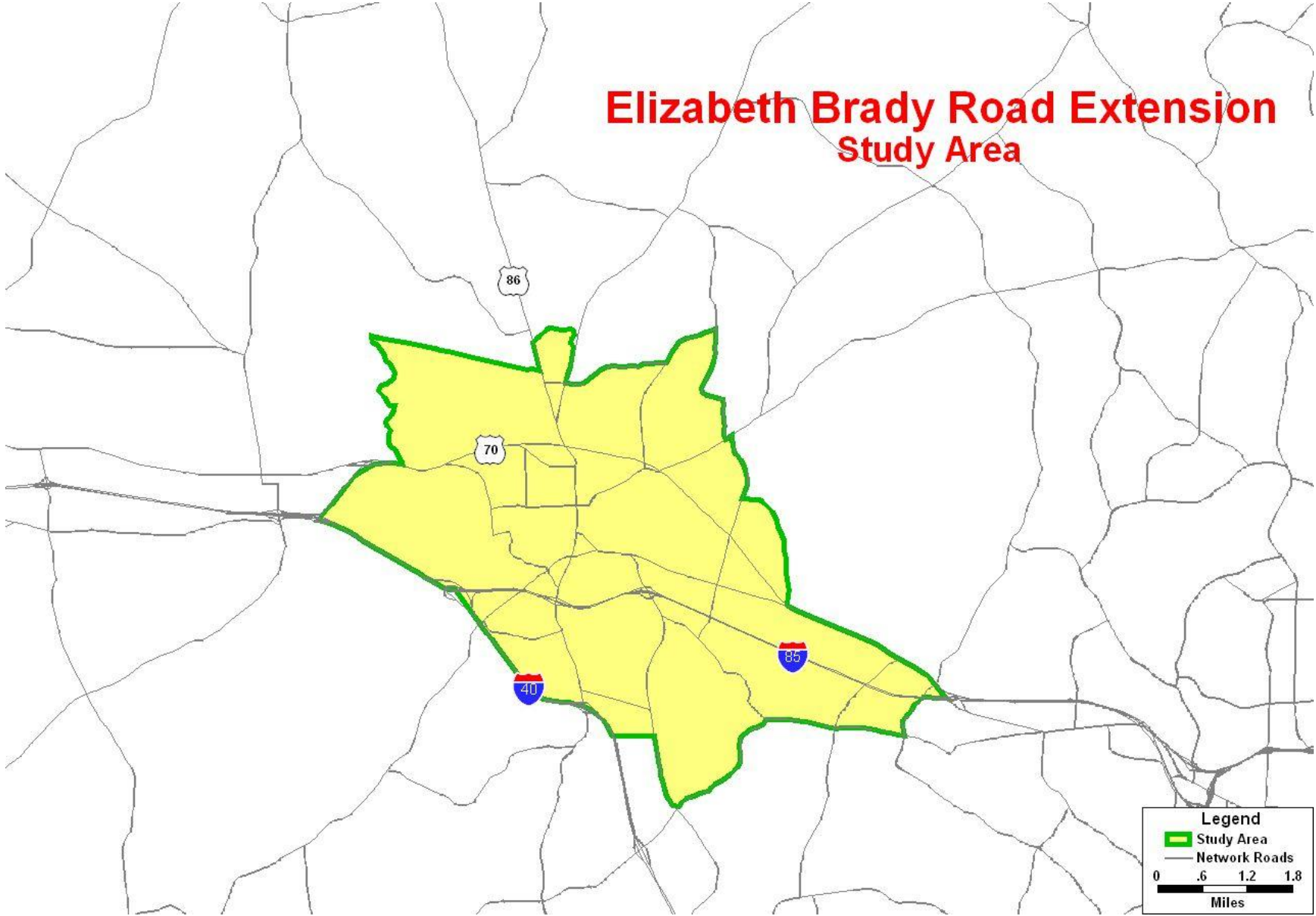
Project #	Road Name	Improvement	No Build	Alt 1	Alt2	Alt3
16	Elizabeth Brady Rd Ext.	New	N	N	N	Y
81	NC 86	Widen	N	N	Y	N
16.1	Eno Mt./Mayo St.	New	N	Y	Y	N
86	Churton St.	Widen	N	Y	Y	N
87	Churton St.	Widen	N	Y	Y	N
89.3	Orange Grove Rd	New	N	Y	Y	N

The Town selected five performance measures to evaluate the three alternatives as:

- Daily VMTs,
- Daily hours of delays,
- Percentage VMT experiencing congestion all day,
- Percentage VMT experiencing congestion peak hours, and
- Degree of congestion on truck routes (freeways, expressways and major arterials)

A study area was created to calculate these measures. It covers Hillsborough's jurisdictional boundary and includes US 70, NC Highway 86 (Churton Street) and other major roadways for the purpose of this study (see study area map).

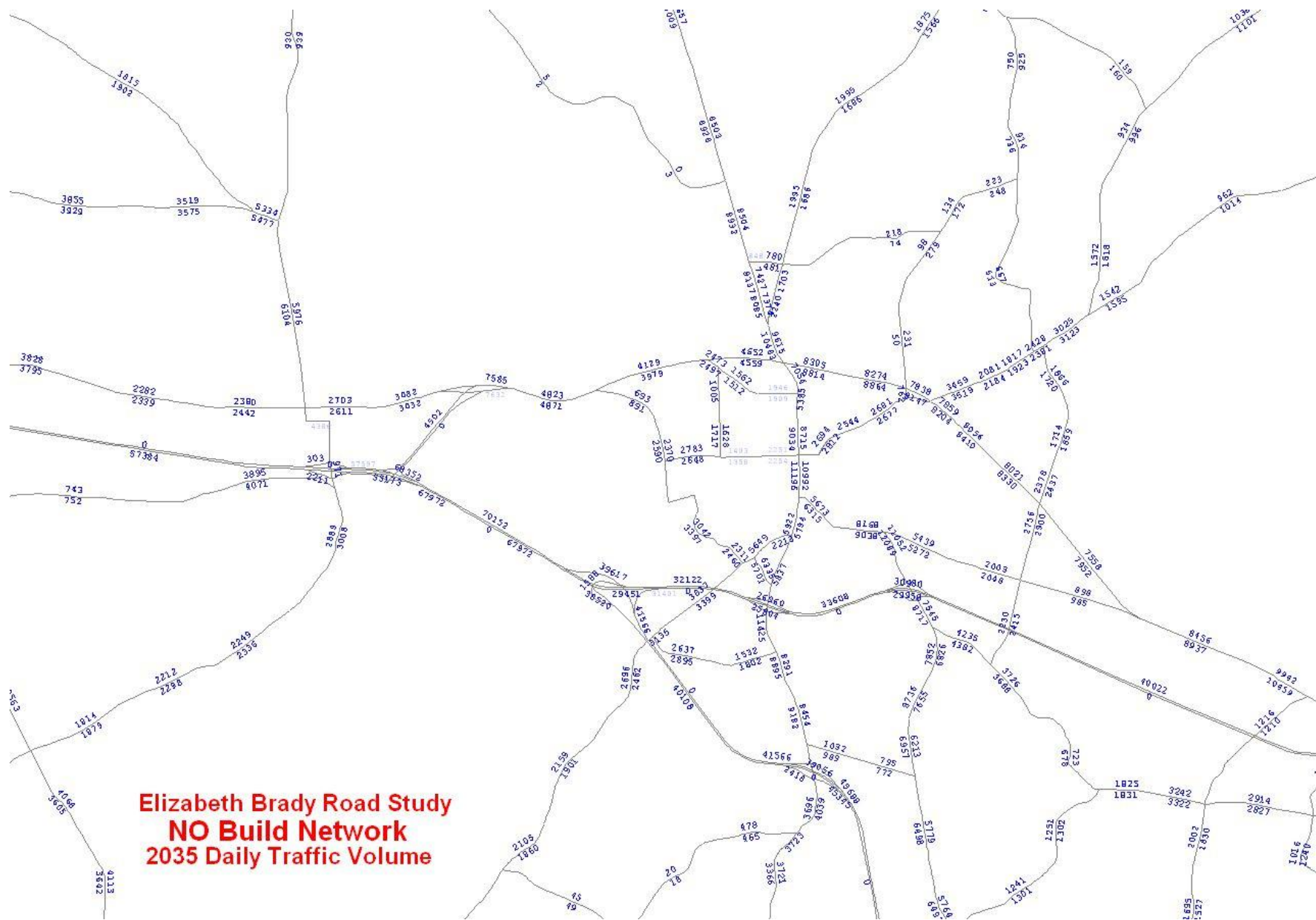
Elizabeth Brady Road Extension Study Area



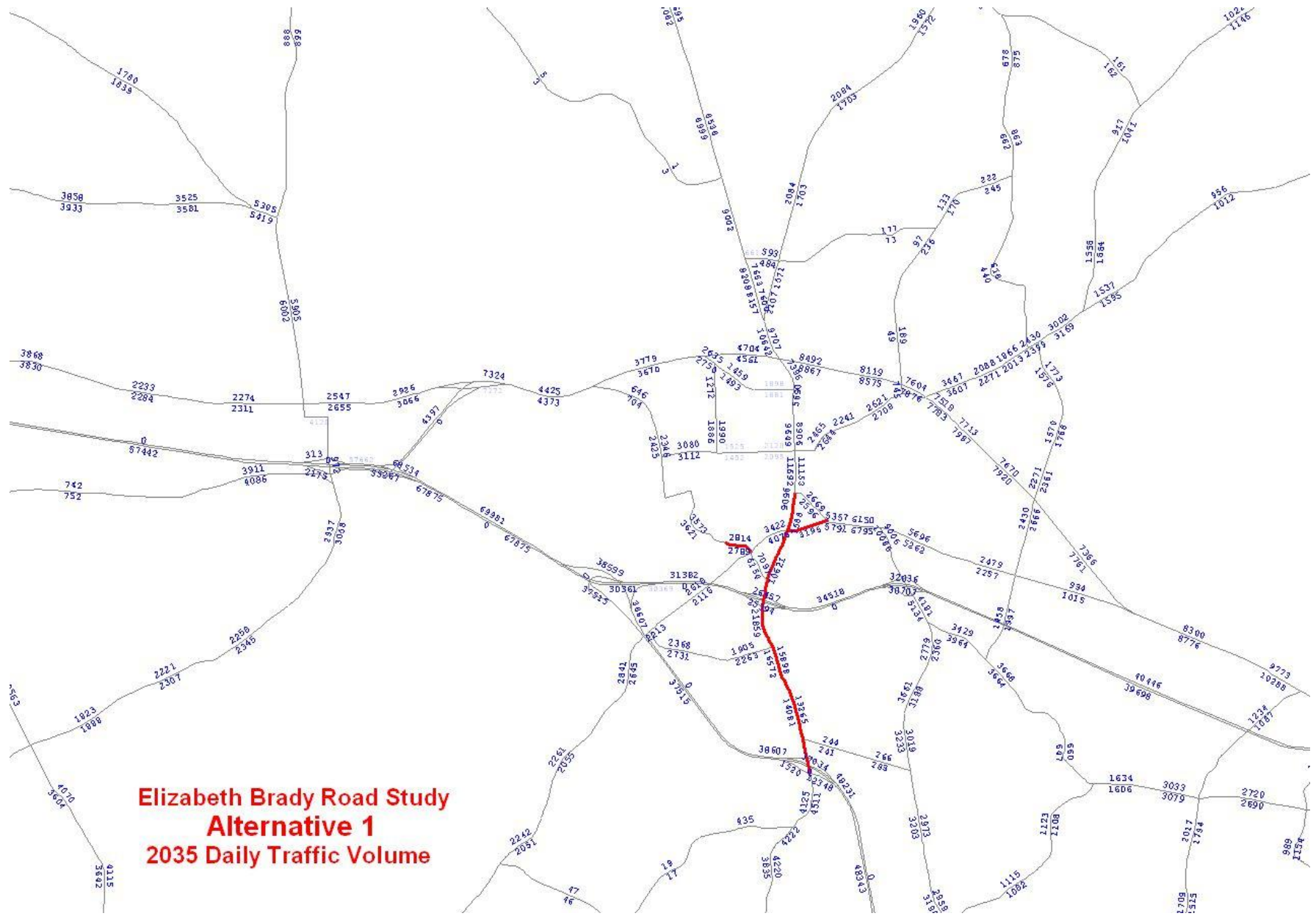
The model run results of the No-Build and three alternatives are summarized in table 2 below. Daily traffic volume maps and peak hour V/C ratio maps for the No-Build and three alternatives were also provided in this report.

Table 2: Measures for Elizabeth Brady Road Extension Study

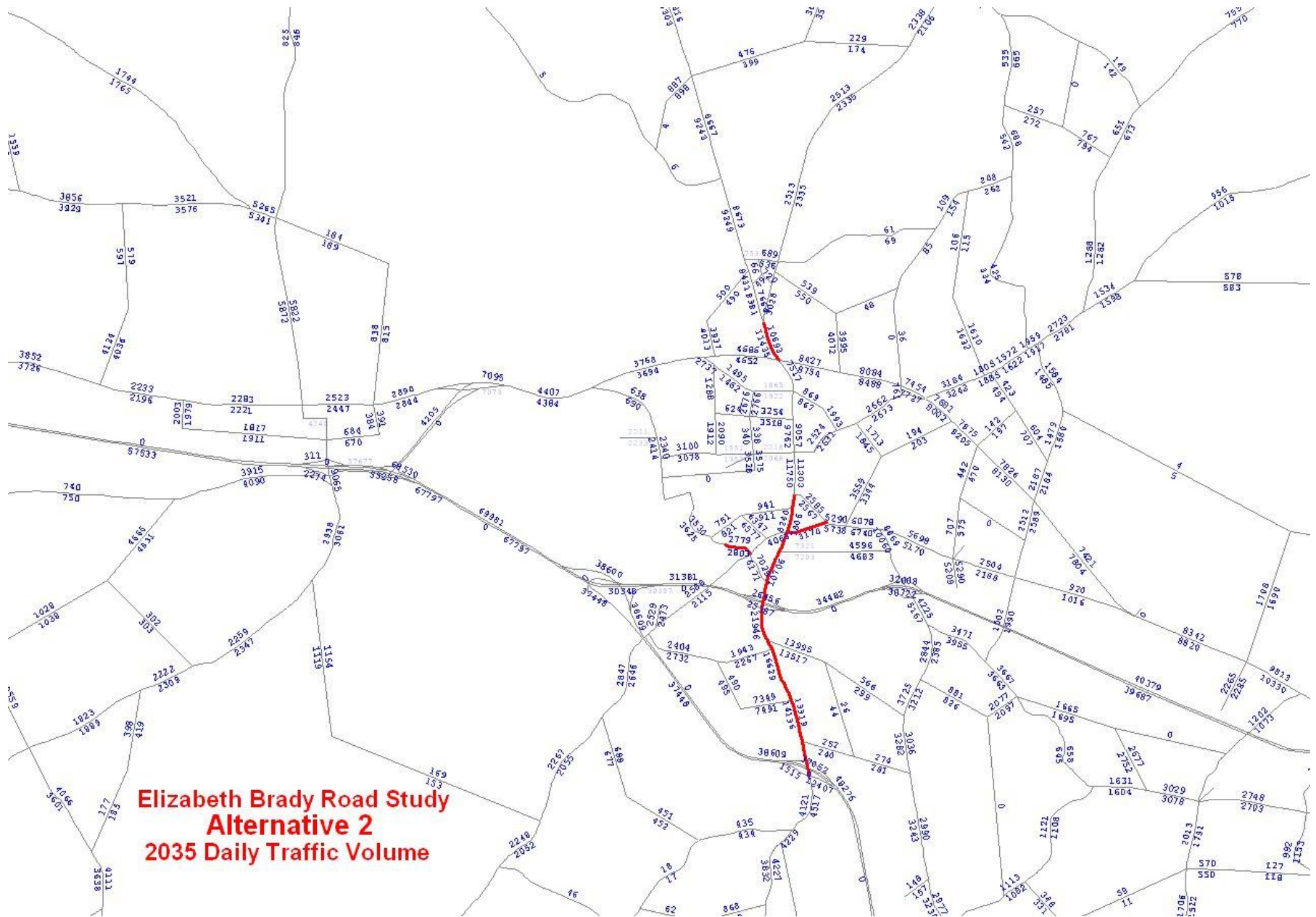
Measures	No Build	Alternatives			% change from No Build		
		Alt. 1	Alt. 2	Alt. 3	Alt. 1	Alt. 2	Alt. 3
1. Total daily VMT	1,412,878	1,397,657	1,397,922	1,420,568	-1.1%	-1.1%	0.5%
2. Total daily Hours of delay	3,161	2,738	2,591	3,121	-13.4%	-18.0%	-1.3%
3. Percent of VMT experiencing congestion - All Day							
- Freeway	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
- Arterial	11.5%	5.5%	4.0%	10.0%	-52.2%	-65.2%	-13.0%
- All Facility	1.5%	0.8%	0.6%	1.2%	-46.7%	-60.0%	-20.0%
4. Percent of VMT experiencing congestion - Peak							
- Freeway	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
- Arterial	12.6%	6.7%	3.8%	12.0%	-46.8%	-69.8%	-4.8%
- All Facility	1.7%	1.0%	0.6%	1.5%	-41.2%	-64.7%	-11.8%
5. Degree of congestion (V/C >1) on designated truck routes	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
6. Demographics							
- Population	28,320	28,320	28,320	28,320			
- Employment	15,971	15,971	15,971	15,971			
7. Other Measures							
Lane Miles	178	184	185	181	3.4%	3.9%	1.7%



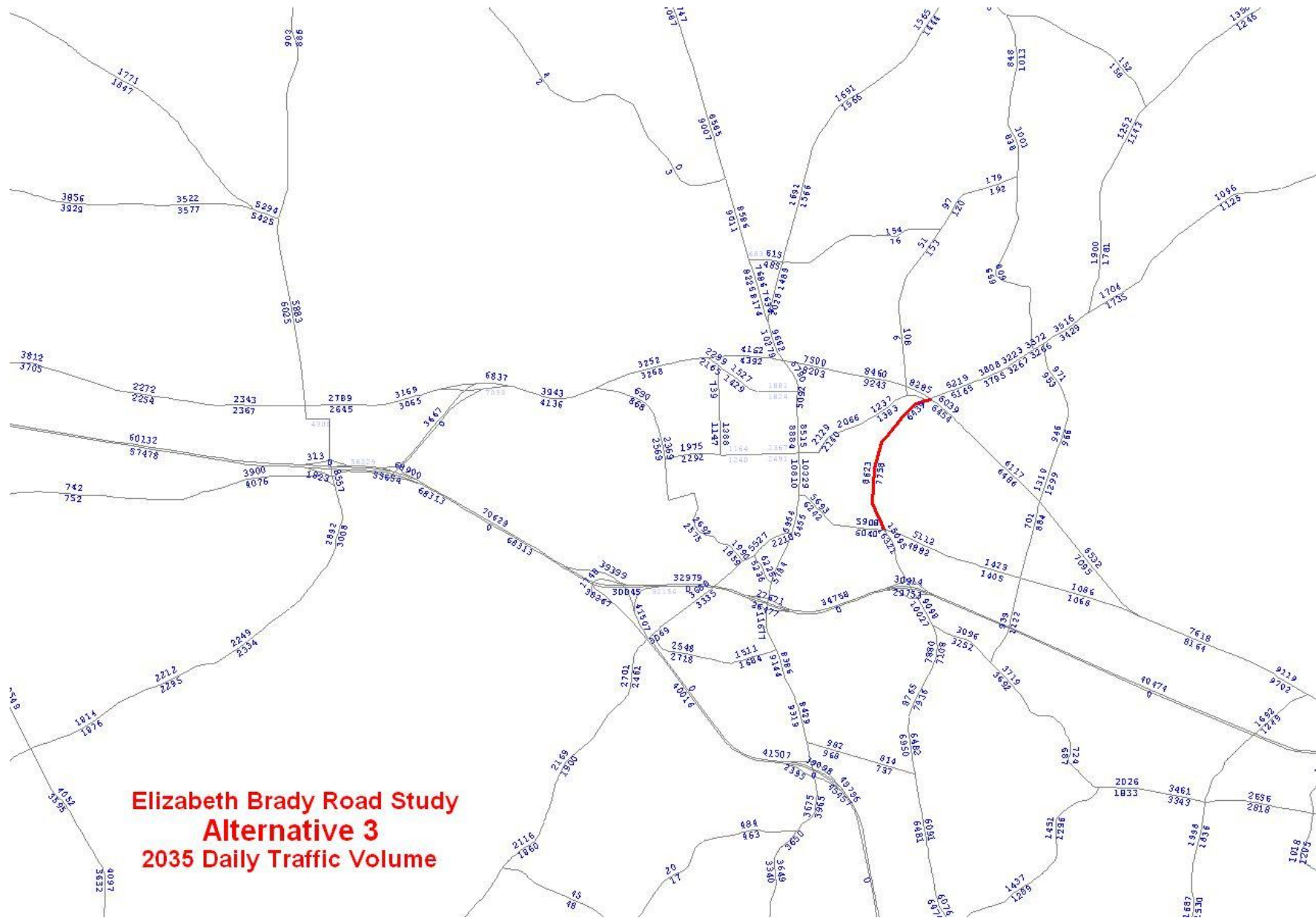
Elizabeth Brady Road Study
NO Build Network
2035 Daily Traffic Volume

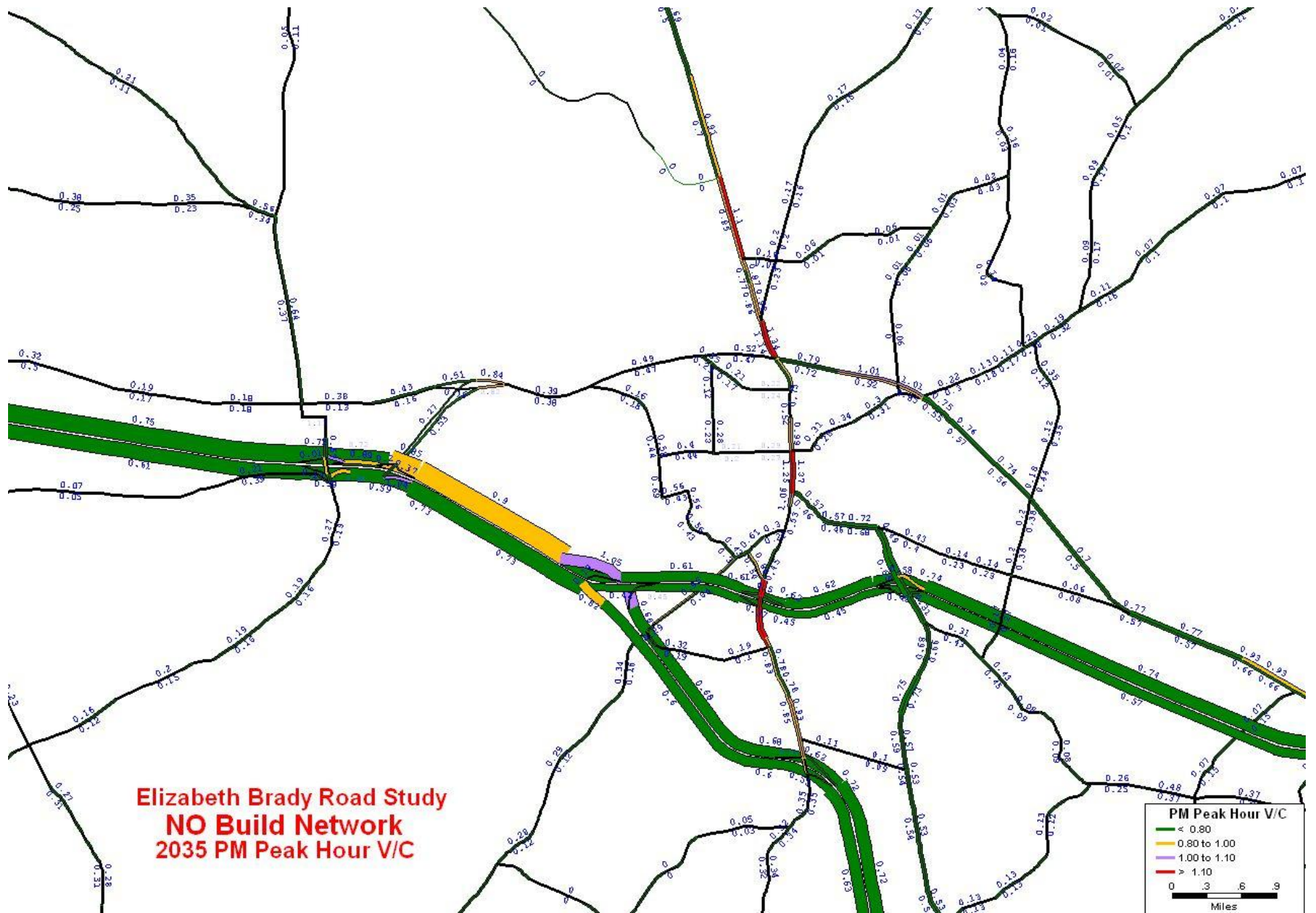


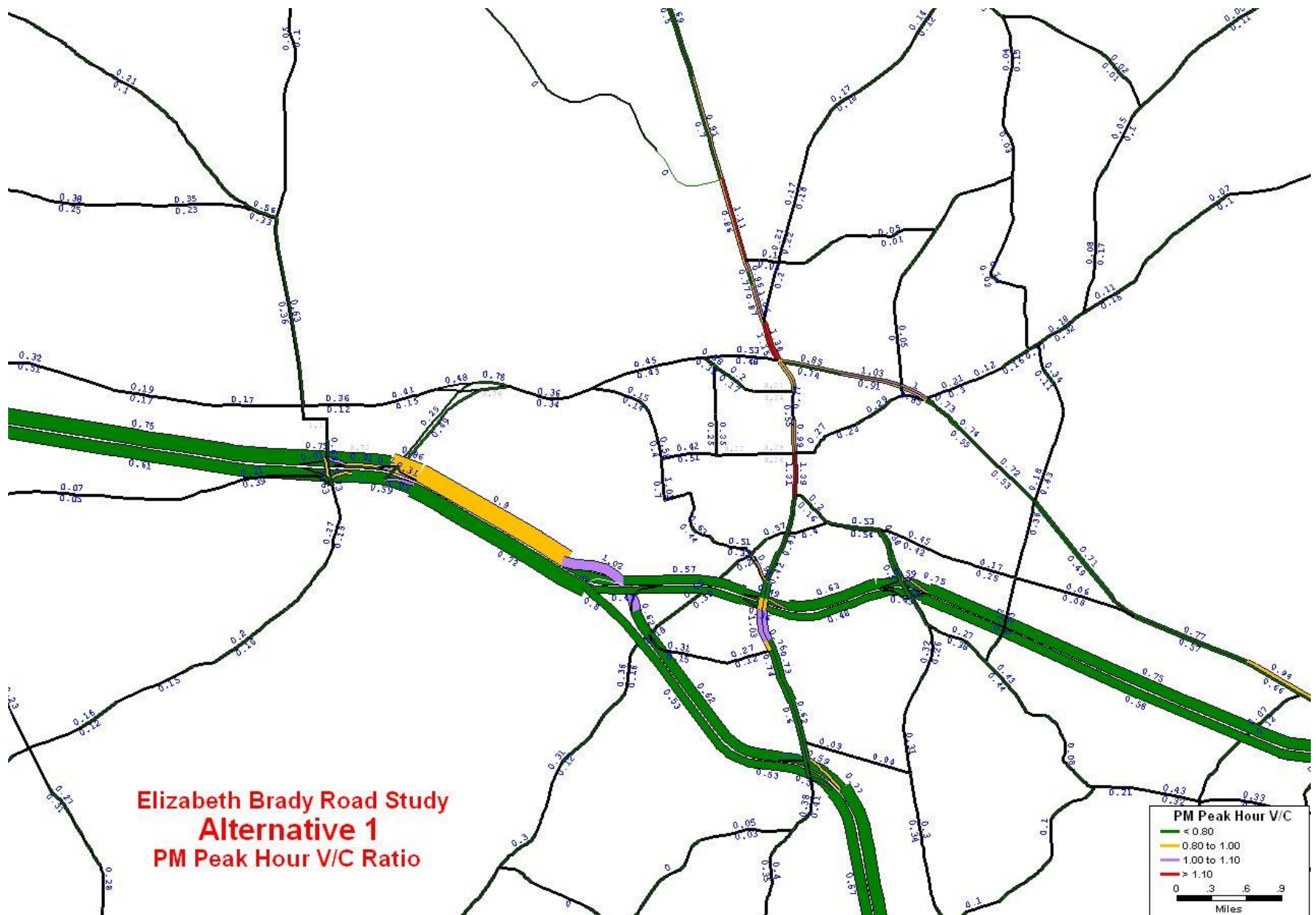
**Elizabeth Brady Road Study
Alternative 1
2035 Daily Traffic Volume**

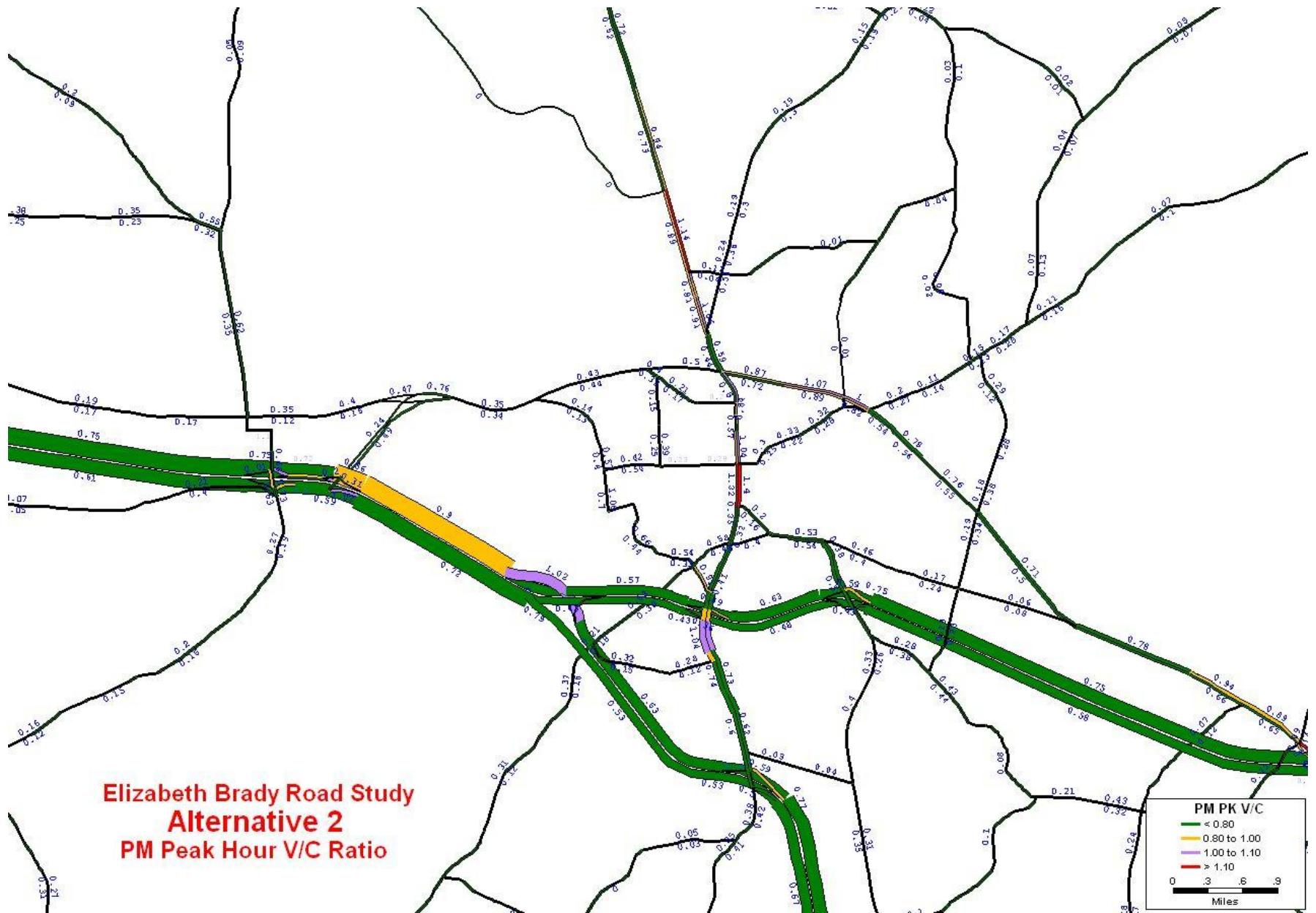


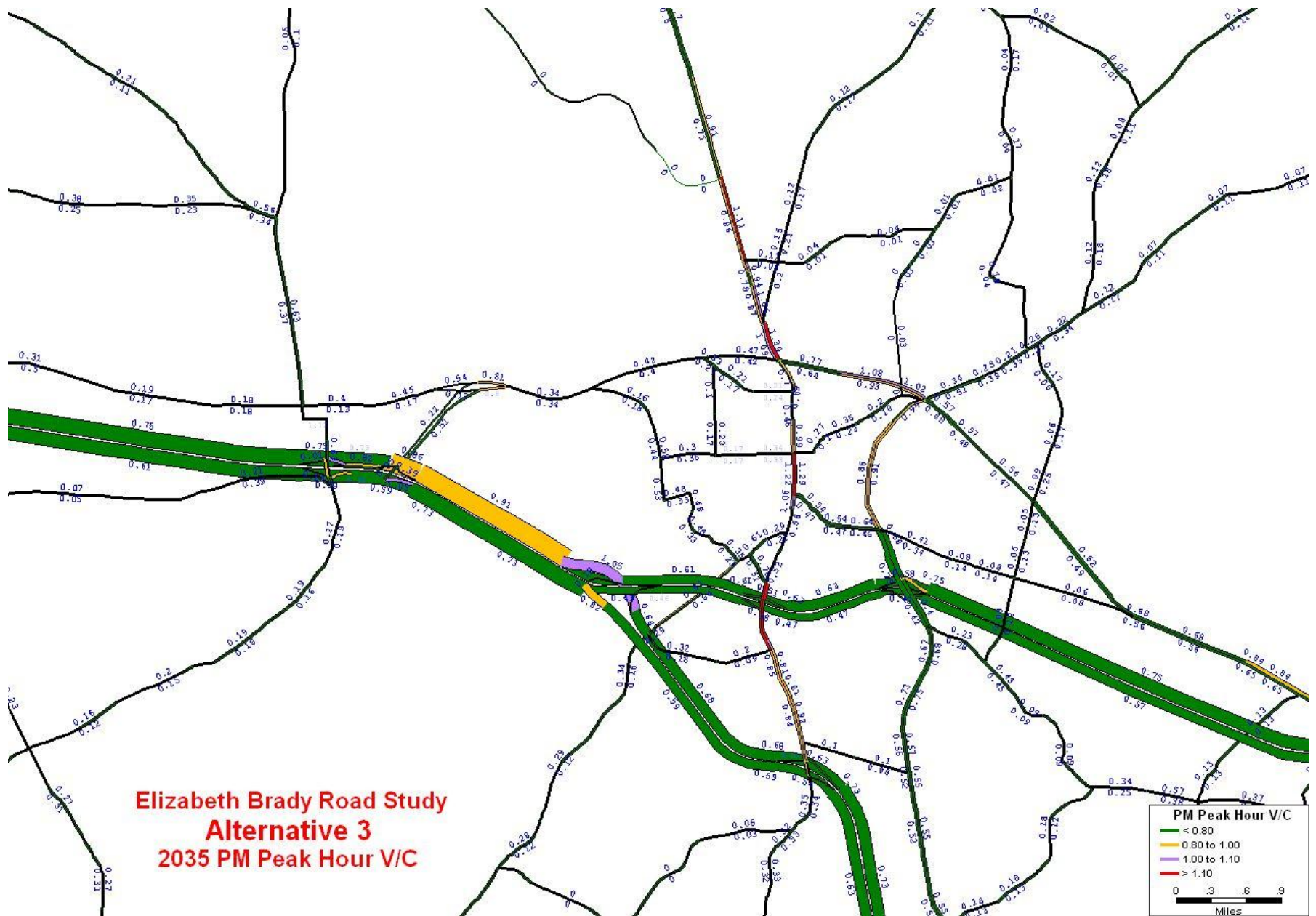
**Elizabeth Brady Road Study
Alternative 2
2035 Daily Traffic Volume**











MEMORANDUM

To: Transportation Advisory Committee (TAC)
DCHC MPO

From: DCHC MPO Lead Planning Agency

Date: February 11, 2009

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

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 selection January/ February 2009
Council contract approval March/April 2009
Notice to Proceed – April/May 2009
Study completion – February/March 2010

MPO Parking Survey and Study

- 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
- Draft scope of services September/October 2008
Request for Proposal notice – December 2008
Proposal due January 2009
Consultant selection February 2009
Council contract approval March/April 2009
Notice to Proceed – April 2009

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
Functional TELUDE Development
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

Phase 1 model development

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

Durham Progress Report
February 3, 2009

Contract Number: C200840		Route: NC-54	
Physical Division:	5	County: Durham	
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:	4.80%
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:	12/31/2008	Scheduled Progress:	57.60%
Last Estimate Paid:	1/8/2009	Actual Progress:	72.55%
Contract Number: C201439		Route: NC-98	
Physical Division:	5	County: Durham	
Administrative Division:	5	TIP Number: U-4010	
Length: 0.373 miles		Federal Aid Number: STP-98(21)	
Resident Engineer: Cadmus Capehart, PE		RE Phone Number: (919)840-0914	
Location Description:	NC-98 (HOLLOWAY ST) FROM EAST OF US-70 TO EAST OF JUNCTION RD IN DURHAM.		
Type of Work:	WIDENING, GRADING, DRAINAGE, PAVING AND CURB & GUTTER.		
Contractor Name:	TRIANGLE GRADING & PAVING, INC		
Contract Amount:	\$3,288,207.30	Cost Overrun/Underrun:	-1.95%
Availability Date:	5/29/2007	Letting Date:	4/17/2007
Completion Date:	6/15/2008	Work Began:	7/30/2007
Revised Completion Date:	7/12/2008	Estimated Completion:	2/15/2009
Last Estimate Thru:	12/31/2008	Scheduled Progress:	100%
Last Estimate Paid:	1/14/2009	Actual Progress:	98.59%
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: Chadwick 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:	0.82%
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:	12/31/2008	Scheduled Progress:	30.50%
Last Estimate Paid:	1/21/2009	Actual Progress:	31.79%

Contract Number: C201642		Route: SR-2957	
Physical Division:	5	County: Durham	
Administrative Division:	5	TIP Number: U-4410DB	
Length: 0.22 miles		Federal Aid Number:	
Resident Engineer: Jeffrey D. Allen, PE		RE Phone Number: (919)733-9499	
Location Description: SR-2957 (HOPSON RD) FROM NC-55 TO LOUIS STEPHENS DR IN RTP.			
Type of Work: GRADING, DRAINAGE, PAVING & SIGNALS.			
Contractor Name: THOMPSON CONTRACTING, GRADING, PAVING & UTILITIES, INC.			
Contract Amount:	\$3,494,677.11	Cost Overrun/Underrun:	17.17%
Availability Date:	11/1/2007	Letting Date:	8/21/2007
Completion Date:	10/1/2008	Work Began:	11/9/2007
Revised Completion Date:	10/2/2008	Estimated Completion:	2/1/2009
Last Estimate Thru:	12/15/2008	Scheduled Progress:	100%
Last Estimate Paid:	12/31/2008	Actual Progress:	99.66%
Contract Number: C201783		Route: SR-1839	
Physical Division:	5	County: Durham	
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:	7.13%
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:	1/15/2009	Scheduled Progress:	67%
Last Estimate Paid:	1/23/2009	Actual Progress:	75.27%
Contract Number: C201834		Route: SR-1303	
Physical Division:	5	County: Durham	
Administrative Division:	5	TIP Number: B-4109	
Length: 0.078 miles		Federal Aid Number: BRZ-1303(3)	
Resident Engineer: Cadmus Capehart, PE		RE Phone Number: (919)840-0914	
Location Description: BRIDGE OVER MUD CREEK AND APPROACHES ON SR-1303 IN DURHAM.			
Type of Work: GRADING, DRAINAGE, PAVING & STRUCTURE.			
Contractor Name: KIRKMAN CONSTRUCTION, INC.			
Contract Amount:	\$1,102,441.20	Cost Overrun/Underrun:	9.92%
Availability Date:	6/30/2008	Letting Date:	5/20/2008
Completion Date:	11/21/2008	Work Began:	7/7/2008
Revised Completion Date:	12/6/2008	Estimated Completion:	2/20/2009
Last Estimate Thru:	1/31/2009	Scheduled Progress:	100%
Last Estimate Paid:		Actual Progress:	98.76%

ACTIVE NCDOT PROJECTS LOCATED IN ORANGE COUNTY - DCHC WFO TC 02/09 Attachment 11

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.-design under review in Raleigh
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. =work to begin 2/16/09 for completion by 4/29/09
Orange	B-4592	SR 1561 (Lawrence Rd.)	Replace Bridge # 64 over the Eno River	\$1.6 million	Sanford Contractors, Inc. avail. 3/15/09 for completion by 12/31/09

ACTIVE NCDOT PROJECTS LOCATED IN ORANGE COUNTY - DCHC WPO

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
Orange	7CR.10681.14 7CR.20681.14 7C.068081	4 sections of NC 54 and ramps and 5 sections of secondary roads	Milling, resurfacing, pavement markings, and shoulder reconstruction		S.T. Wooten Corp.=100% complete
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	\$950,000.00	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



• COUNTY COMMISSIONERS

George Lucier, Chair
Sally Kost, Vice Chair
Mike Cross
Carl Thompson
Tom Vanderbeck

• COUNTY MANAGER

Charlie Home

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TO: NCDOT Office of Governance
Mr. Eugene A. Conti, Jr.

VIA: DOT.GOVernanceOffice@ncdot.gov

FROM: Sally Kost, Vice Chair, Chatham County Commissioner *Sally Kost*
Chatham Representative on the Durham/Chapel Hill/Carrboro (DCHC) Metropolitan Planning Organization

CC: DCHC MPO
Chatham County Board of Commissioners
Speaker Joe Hackney
Senator Bob Atwater

Date: February 13, 2009

Dear Mr. Conti,

Chatham County applauds the Department of Transportation and the new Administration for calling on transportation reform and improving the decision-making process.

In your January 28, 2009 letter requesting feedback from the transportation partners you indicate that a new approval process will be implemented in March 2009. Although I am sure minor changes can be made in that timeframe, the significant changes to make transportation planning efficient, effective and fair needs to be carefully studied and implemented.

It is our view that transportation planning in Chatham is fragmented and is therefore ineffective. Further, our participation in the DCHC MPO is not meeting the transportation needs of our community.

Chatham County is divided into three transportation planning organizations: The Rural Planning Organization, the DCHC Metropolitan Planning Organization, and Capital Area Metropolitan Planning Organization.

Chatham County is a large county geographically (704 square miles) with a population of about 61,000 residents. Over half of our residents live in northeast Chatham where transportation planning is partially done through the DCHC MPO.

In data prepared by the Triangle J Council of Government and presented to the DCHC MPO on September 12, 2007, northeast Chatham is projected to grow from 34,067 in 2005 to 117,130 by the year 2035, an increase of **83,063**, or 244 percent. Other jurisdictions within the MPO are projected to

TABLE 1.	2005-2035 Projected Population Growth	Percentage Increase
Durham	112,027	45%
Orange	12,745	28%
Chatham - northeast	83,063	244%
Chapel Hill	22,144	38%
Carrboro	7411	36%
Hillsborough	9942	80%
Total	245.447	59%

grow at a much slower rate. In fact of the **245,447** new residents projected for the entire planning area, 34 percent of that projected growth is in Chatham County.

Yet, the DCHC 2035 Long Range Transportation Plan includes 74 highway projects, none of which are in Chatham County. Chatham had requested significant improvements to Jack Bennett Road, a dangerous narrow two lane road that is the major connector of northeast Chatham to Research Triangle Park and to the Southpointe area. A new high school is slated to open within the next six years is located on this road. Further, near the intersection of Jack Bennett and Lystra Roads, is a K-8 school. Yet, the MPO did not recognize this as a priority/

Even with the strong supporting documentation to the need for road improvements in northeast Chatham our needs have been ignored. We are competing with Orange County, Chapel Hill, Durham City, Durham County, Hillsborough and Carrboro.

It is our conclusion that the North Carolina Department of Transportation needs to study the following:

- Realign the State Highway Districts to align with planning and funding.
- In our case, the lead agency is the City of Durham. Although the staff is professional and competent, there is the potential that Durham road improvements could be favored. The lead agencies for all 17 MPOs across the state should be housed in the council of government structure, therefore giving no jurisdiction an advantage over another.
- Funding for transportation planning should be given to ALL jurisdictions and not allocated through the MPO. Chatham receives NO planning dollars from the MPO.
- The decision making process should include a differentiation between Metropolitan Planning Organizations, Rural Planning Organizations and areas that are not included in one of those organizations. Across the board ranking used to compare transportation projects results in larger municipalities ranking higher than smaller jurisdictions.
- The decision making process should include economic development measures, such as the county rankings used by the Department of Commerce, to help determine need for projects. Additionally, regional recreational areas, such as Jordan Lake could be included in the evaluation
- Provide a streamlined process for review of small project requests and allocate the funding at the district level.

- Ensure that the ranking methodology not only takes into account current population, but expected population growth, location of schools, environmental constraints, existing and expected traffic congestion, social equality, and ensure opportunities for all areas of the state to receive funds to maintain and build necessary transportation infrastructure.

Thank you for the opportunity to comment and to your commitment to improving the transportation planning process in North Carolina.