

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

**January 25, 2012
9:00 am**

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

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

ACTION ITEMS

4. Approval of December 21, 2012 TCC Meeting Minutes
Attachment 4

A copy of the December 21, 2012 minutes is enclosed as Attachment 4.

TCC Action: Approve minutes of the December 21, 2012 TCC meeting.

5. Triangle Regional Transit Program – Locally Preferred Alternative
Attachments (see MPO Web site link)
Patrick McDonough, Triangle Transit
Andy Henry, LPA Staff

The DCHC MPO released the Alternatives Analysis for the Durham-Orange and Durham-Wake rail corridors in June 2011 and conducted a pair of public workshops related to the Alternatives Analysis in August 2011. Throughout late fall, the elected bodies of most of the counties and jurisdictions in the MPO received presentations on the Alternatives Analysis and rail transit implementation plan, and provided comments to the MPO.

The TCC is to provide a recommendation for a Locally Preferred Alternative (LPA) for TAC consideration and approval at their February 8, 2012 meeting. Triangle Transit has stated that February is the deadline for approving an LPA given the scoping and risk analysis studies that must be completed before the August 2012 deadline for federal New Starts funding.

The TAC conducted a public hearing at their January 11, 2012 meeting and the public comment period closed that same day. A document that consolidates the public comments, letters, resolutions and motions from elected official bodies, a summary of these public statements, and a rail transit implementation schedule can be found on the following MPO Web page:

http://www.dchcmo.org/index.php?option=com_content&task=view&id=85&Itemid=35

These documents have been placed on the Web site because of the large size of the document that consolidates the public comments. It should be noted that a letter from Triangle J Council of Government (TJCOG) to the DCHC MPO, Capital Area MPO and Triangle Transit has been recently added to the consolidated comments document (see page 21).

The full set of Alternatives Analysis reports and information for obtaining electronic and printed copies is on the www.ourtransitfuture.com Web site.

TCC Action: Review the Alternatives Analysis public input and recommend Locally Preferred Alternative (LPA) to the TAC.

6. Triangle Regional Model

Attachment 6

Leta Huntsinger, LPA Staff

The Triangle Regional Model Service Bureau (TRMSB) has recently delivered version 5 of the Triangle Model (TRMv5) for the development of the 2040 LRTP. The TCC will receive a presentation on the TRMv5 including key features of the model along with key calibration and validation statistics (Attachment 6).

TCC Action: Receive presentation, review calibration and validation statistics, and make a recommendation to TAC regarding the approval of TRMv5 for use in the development of the 2040 LRTP.

7. 2040 Long Range Transportation Plan and Comprehensive Transportation Plan – Goals & Objectives and Targets

Attachment 7, 7A

Andy Henry, LPA Staff

The TCC will receive an update on development of the 2040 Long Range Transportation Plan (2040 LRTP), Comprehensive Transportation Plan CTP) and MPO Collector Street Plan (CSP). Attachment 7 is a current schedule for these projects. The next steps include:

- TAC release Goals, Objectives and Targets, and Public Involvement Plan for public comment at February 2012 TAC meeting;
- TAC release Socioeconomic Data for public comment at February 2012 meeting (including 2010 and 2040 forecast values by TAZ); and,
- TAC review Deficiency Analysis at March 2012 TAC meeting.

The TAC and TCC have received presentations on the Goals, Objectives and Targets. The TAC asked that the Targets be adjusted to be more ambitious, and the TCC requested that an Existing-plus-Committed (E+C) Triangle Regional Model (TRM) be completed to produce a more appropriate set of performance measures for use as a reference in setting the Targets. The E+C TRM is still being developed, thus the proposed Targets will be distributed at the TCC meeting.

The Goals and Objectives are in Attachment 7A.

The Lead Planning Agency (LPA) staff has proposed the following public involvement activities for the Goals, Objectives and Targets:

- Email, postal mail and public notices of the public review period and activities;
- Online survey;
- Public meetings, and;
- Public hearing at the January TAC meeting.

TCC Action: Review Goals and Objectives and Targets, provide comments and make recommendation to TAC.

8. 2040 Long Range Transportation Plan and Comprehensive Transportation Plan – Socio-Economic Data

No Attachment

Andy Henry, LPA Staff

The DCHC MPO is scheduled to release the Socio-economic Data (SE Data) at the February 2012 TAC meeting for public comment. This SE Data is to be used in developing the 2040 LRTP and CTP. The DCHC MPO and CAMPO are using the CommunityViz land use modeling process to produce the SE Data but the land use models (i.e., Trend and Plan scenarios) are not yet completed. The LPA staff will provide an update on this item.

TCC Action: Receive SE Data update.

9. FY 2012 UPWP – Amendment #2

Attachment 9

Maricia Brown, LPA Staff

The TAC approved the 2011-2012 UPWP on May 11, 2011. 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. Funds that would not be expended during the current fiscal year must be de-obligated through an amendment in order for the funds to be available for programming in subsequent fiscal years. Please reference attachment 9 for the resolution, financial tables & narrative details of the proposed change for TJCOG.

TCC Action: Recommend that the TAC approve the resolution adopting Amendment #2 to the FY 2011-2012 Unified Planning Work Program.

10. FY 2013 UPWP- Draft & Schedule Update

Attachment 10, 10A

Maricia Brown, 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.

TCC Action: Review draft #1 FY2013 UWP and updated development schedule.

11. Chapel Hill Application for an NCDOT Bicycle Planning Grant

Attachment 11

Ryan Mickles, Town of Chapel Hill

Dale McKeel, LPA Staff

On September 2, 2011, NCDOT issued a call for proposals for the bicycle and pedestrian planning grants. The Town of Chapel Hill has submitted an application for a grant to prepare a comprehensive bicycle plan and requests that the TAC adopt a resolution in support of the application (Attachment 9). The application was submitted prior to the December 2, 2011 deadline and the eligibility criteria require that municipalities within an MPO obtain a resolution of support from the MPO.

TCC Action: Recommend that the TAC endorse the Town of Chapel Hill's application for a NCDOT bicycle and pedestrian planning grant.

12. Federal Functional Classification for U-4763B

Attachment 12, 12A

Felix Nwoko, LPA Staff

With the completion of U-4763B, the tolled extension of NC 147 to NC 540, changes are needed for the functional classification of NC 147, the NC 147 spur, and T.W. Alexander Drive. Attachment 12 is information from NCDOT that describes the proposed changes. Attachment 12A is a resolution endorsing the proposed changes.

TCC Action: Recommend that the TAC approve the Resolution Endorsing the Federal Functional Classification Revisions for U-4763B

13. STP-DA Obligation Report

Attachment 13

Maricia Brown, LPA Staff

The MPO is still fine-tuning our database of grant/project information in efforts to provide a "real-time" status of our availability of grant funds as it relates to our STP-DA funding. The attached report is an introduction of a new staff report that will be distributed quarterly as part of our TCC/TAC LPA staff informational items.

TCC Action: Receive information.

REPORTS FROM STAFF:

14. Reports from Staff

Attachment 14

Felix Nwoko, LPA Staff

TCC Action: Receive Report from staff

15. Report from the Chair

No attachment
Mark Ahrendsen, TCC Chair

TCC Action: Receive Report from TCC Chair

- 16. NCDOT Report**
Attachment 16
Wally Bowman, Division 5 – NCDOT
Mike Mills, Division 7 – NCDOT

INFORMATIONAL ITEMS:

- 17. NCDOT Strategic Investment Summits**
Divisions 8 & 10 – Feb. 28, 9 am to 4 pm – Stanly County Commons - Albemarle
Divisions 7 & 9 – Mar. 19, 9 am to 4 pm – Greensboro Coliseum - Greensboro
Divisions 5 & 6 – Mar. 22, 9 am to 4 pm – Harnett County Government Complex-
Lillington

Adjourn

Next meeting: February 22, 2012

41 **PRELIMINARIES:**

42 **Adjustments to the Agenda**

43 There were no adjustments to the agenda.

44 **Public Comments**

45 There were no public comments.

46 **ACTION ITEMS:**

47 **Approval of November 16, 2011 TCC Meeting Minutes (Attachment 4)**

48 A motion was made by Kumar Neppalli and seconded by Joey Hopkins to approve the November
49 16, 2011 TCC Meeting Minutes. The motion carried unanimously.

50 **Freedom Roads Trail Program (Attachment 5)**

51 Michelle Lanier, Acting Director of the African American Heritage Commission (AAHC), provided
52 a presentation on Freedom Roads.

53 The Department of Commerce finished the Civil War Trails program and had some leftover
54 funding. The African American Heritage Commission is applying to use the funding for the Freedom
55 Roads Trail Program to recognize sites important for freedom seekers in North Carolina. All sites must
56 be on scenic byways and in the DCHC MPO area there is a site at Stagville.

57 NCDOT is requiring endorsement by MPOs and RPOs. They are not requesting funds from the
58 MPOs. Other sites may be added to the program. They are not required to get a resolution.

59 Ellen Beckmann asked if they will be applying for enhancement funding and if it is a competitive
60 process. Ms. Lanier stated they are applying and have received a positive response.

61 A motion was made by Patrick McDonough and seconded by John Hodges-Copple to
62 recommend that TAC endorse the Freedom Roads Trail Program. The motion carried unanimously.

63 John Hodges-Copple stated there needs to be a more detailed map of scenic byways. Jeff
64 Brubaker wants details on the site near Football Road – Snow Camp. Michelle Lanier stated there needs
65 to be historical details on the activity of freedom seekers in the area to add it to the map.

66 **Triangle Regional Model (Attachment 6)**

67 Leta Huntsinger provided a brief introduction for the Triangle Regional Model update. Bing Mei
68 with the Triangle Regional Model Service Bureau provided a Power Point Presentation on the model. It
69 will be brought to the TAC in January as an informational item with approval in February. They are still
70 making final changes to the model.

71 Felix Nwoko stated the statistics are a snapshot of the model in June. They expect to have new
72 results in February for the TAC's approval.

73 Andy Henry stated there will be a public hearing in January and suggested a shorter
74 presentation focusing on performance measures.

75 John Hodges-Copple asked if there is a differentiation between types of rail and Mr. Mei stated
76 they can vary the performance and attributes of different types of rail. John Hodges-Copple suggested
77 adding factors that influence mode choice in the current year versus the future year. Mr. Mei stated
78 adjustments are made in the model to capture future conditions. Mr. Hodges-Copple stated that TAC
79 members may ask about how the model considers future increases in gas prices.

80 Jeff Brubaker asked if the TRM is moving from Mobile 6.2 to MOVES and Mr. Mei stated they are
81 moving in that direction. They have heard that it slows down the timing. John Hodges-Copple stated
82 that EPA says you have to use MOVES by March 2013. For the 2040 Plan we can choose between
83 Mobile 6 or MOVES. Generally, MOVES results are higher than Mobile 6. We will try to have MOVES
84 compliant budgets.

85 A motion was made by John Hodges-Copple and seconded by Margaret Hauth to recommend
86 TAC approval of TRMv5 for use in the development of the 2040 LRTP subject to TRM making final
87 changes by January. The motion carried unanimously.

88 **2040 Long Range Transportation Plan and Comprehensive Transportation Plan (Attachments 7, 7A, 7B,**
89 **and 7C)**

90
91 Andy Henry provided an introduction for the 2040 Long Range Transportation Plan and
92 Comprehensive Transportation Plan, along with the attachments.

93 Andy Henry stated that everything will be delayed one month which is fine. Mr. Henry also
94 made the targets more ambitious. John Hodges-Copple asked if we are sure we can obtain these
95 targets. Margaret Hauth asked if the targets are a policy choice or a federal requirement and Mr. Henry
96 stated they are a policy choice.

97 Patrick McDonough stated vehicle miles traveled (VMT) and greenhouse gas emissions are a
98 high concern for the DCHC-MPO. Pricing and land use have the biggest impact on travel. We need to
99 look at VMT; the VMT doesn't move much with transit investments. Mr. McDonough stated we need to
100 keep the TAC updated and aware. Mr. Hodges-Copple agrees with Mr. McDonough and in addition he
101 stated we will see results of business as usual (current zoning). Andy Henry stated we won't see much
102 change in VMT for different land use scenarios because we are still using control totals.

103 John Hodges-Copple asked if we will have the model results by the TAC meeting and Leta
104 Huntsinger stated we could have the model results within one week of having all inputs complete. Andy
105 Henry stated we could delay and get the model results before bringing back to the TAC. The deficiency
106 analysis goes forward in February and we could do it at the same time.

107 Dale McKeel recommends adding "complete streets" to attachment 7A, 2e and add
108 "encouragement and evaluation" to 8e and change "3 Es" to "5 Es".

109 A motion was made by Pierre Osei-Owusu and seconded by John Hodges-Copple to bring back
110 next month. The motion carried unanimously.

111 **FY 2012 UPWP – Amendment #1 (Attachment 8)**

112 Maricia Brown provided an introduction for the FY 2012 UPWP – Amendment 1, along with the
113 attachment.

114 Jeff Brubaker asked if they can use deobligated funds from past years for amendments and
115 Maricia Brown stated no.

116 A motion was made by Patrick McDonough and seconded by Pierre Osei-Owusu to recommend
117 TAC approval of the resolution adopting Amendment #1 to the FY 2011-2012 Unified Planning Work
118 Program. The motion carried unanimously.

119 **FY 2012-2018 MTIP – Amendment #1 (Attachments 9 and 9A)**

120 Ellen Beckmann provided an introduction for the FY 2012-2018 MTIP – Amendment #1, along
121 with the attachments.

122 Joey Hopkins stated NCDOT has received correspondence that the City of Durham no longer
123 wants to pursue project C-5230. Ms. Beckmann replied that the STIP has been modified to show the
124 project as delayed, and we are proposing to match the STIP at this time. We could delete it later.

125 Maricia Brown recommends removing the Triangle Transit projects as they are no longer STP-DA
126 because they have already been flexed to FTA.

127 A motion was made by Ellen Beckmann and seconded by Margaret Hauth to recommend TAC
128 approval of Amendment #1 to the FY 2012-2018 MTIP. The motion carried unanimously.

129 **New Freedom (FTA Section 5317) Grant Program – 2006-2009 POP Amendment #2 (Attachments 10**
130 **and 10A)**

131

132 Maricia Brown provided an introduction and update for the New Freedom (FTA Section 5317)
133 Grant Program – 2006-2009 POP Amendment #2 , along with the attachments.

134 Ms. Brown proposes using the funds for the Durham County Senior Center project which is
135 active and going very well.

136 Pierre Osei-Owusu asked if this is a continuation or change in the program. Maricia Brown
137 stated it is a continuation until all project funds are depleted. The money is from the paratransit
138 eligibility project for CHT/TTA. FTA says we either deobligate the funds or lose them.

139 Andy Henry asked if other projects were considered and Maricia Brown stated we don't have
140 other choices. CHT doesn't have an active project.

141 Patrick McDonough stated it is only \$13,000 and the project is keeping within the goals of the
142 program.

143 A motion was made by Patrick McDonough and seconded by Scott Whiteman to recommend
144 approval of the 2006-2009 programs of projects with proposed adjustments. The motion carried
145 unanimously.

146 **Mobility Fund (Attachments 11 and 11A)**

147 Ellen Beckmann provided an introduction for the Mobility Fund, along with the attachments.
148 Everyone can submit their own projects as it doesn't have to come through the MPO. The due date for
149 submissions is February 29, 2012. This item will be brought to the TAC as an informational item.

150 **Triangle Regional Transit Program – Locally Preferred Alternative (No Attachment)**

151
152 Patrick McDonough provided an introduction and update for the Triangle Regional Transit
153 Program – Locally Preferred Alternative.

154 There has been a lot of discussion regarding C1 versus C2 in Meadowmont and the South Square
155 area alignment. Most of the contention is on the alignment. At the last TCC meeting there were
156 questions on the MOS and updated ridership. The MOS was an issue in Wake County as officials were
157 concerned with too much rail. It's not necessary in DCHC as we can't shorten without losing a major
158 traffic generator or political support.

159 TTA could not complete the analysis before LPA approval. We don't want to release new
160 information during the public comment period. Hopefully we don't need to shorten it. FTA may ask us
161 to shorten it later. It would be better coming from the feds. We are trying to meet the New Starts
162 deadline of August 2012.

163 John Hodges-Copple stated it disappoints him that there is going to be a gap in the information
164 when approving a LPA. Mr. Hodges-Copple is not satisfied with the response. Patrick McDonough
165 stated the decision was arrived at collectively in early fall. There have been discussions with FTA on
166 modeling. We want to finalize the approach before creating documentation on modeling assumptions
167 which we hope to have the results by March.

168 Andy Henry stated some people may compare the 2040 LRTP modeling results to the Triangle
169 Transit figures. Patrick McDonough stated they need to discuss this with the TRM and consultants to
170 see if efforts can be tied in with the 2040 LRTP analysis. John Hodges-Copple stated everyone needs to
171 be aware that there will be two sets of figures one from V4 and one from V5. Patrick McDonough stated
172 that FTA is not accepting 2040 population forecasts only 2035. John Hodges-Copple stated staff needs
173 to be prepared to discuss the differences.

174 **REPORTS FROM STAFF:**

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

176 The Reports from Staff is attached for review.

177 **Report from the Chair**

178 There was nothing to report from the Chair.

179 **NCDOT Report (Attachment 15)**

180 Joey Hopkins, NCDOT Division Engineer, discussed the wage rates. The Department of Labor will
181 not allow us to use the old wage rates. There will be higher prices on projects. However, the projects
182 aren't frozen anymore. Everyone must use the new wage rates on the NCDOT site in January 2012.

183 **INFORMATIONAL ITEMS:**

184 **NCDOT 2040 Plan Updates (Attachment 16)**

185 The NCDOT 2040 Plan Updates are attached for review.

186 **2012 TAC and TCC Meeting Schedule (Attachment 17)**

187 The 2012 TAC and TCC Meeting Schedule are attached for review.

188 **Adjourned**

189 There being no further business before the Technical Coordinating Committee, the meeting was
190 adjourned at 11:20 a.m.

TECHNICAL MEMORANDUM

To: Durham, Chapel Hill, Carrboro Metropolitan Planning Organization, Technical Coordinating Committee

From: Joseph Huegy, AICP
Program Manager, TRM Service Bureau

Date: January 20, 2012

Subject: Validation Statistics for TRM v5 2010 Model (final)

The Triangle Regional Model version five (TRM v5) has been developed to be ready for use by the Metropolitan Planning Organizations in preparing 2040 Long Range Transportation Plans (LRTPs). Model calibration and validation for a new 2010 base year were performed using an estimate of 2010 population. The 2010 model input population has been updated based on the 2010 census. While the census based population model input was being prepared, other minor adjustments were made to improve model performance in anticipation of beginning work on the modeling analysis for the 2040 LRTPs. This update and adjustment work has been completed, and final reference model runs have been made. This memo reports the validation statistics for the final TRM v5 2010 base year model.

Highway Statistics

Highway validation statistics are provided below starting with overall performance, then focusing on link flows and flows at screen lines and cut lines. Observed traffic counts used in comparisons were taken during 2010. One measure of overall model performance is the coefficient of determination or R-square statistic which is one measure of the extent to which model link volumes match observed traffic counts. A target was set for this statistic of $R^2 = 0.88$. The R-square results are shown below in Table 1. The TRM v5 2010 model meets this target.

Table 1 R-Square for Region-wide Estimated Volumes vs. Traffic Counts

	Target R^2	# of Counts	Modeled R^2
Region-wide	0.88	3197	0.9

Another measure of overall model performance is root mean square error (RMSE), which indicates both the number of errors and size of errors in comparing model volumes to observed traffic counts. Lower values indicate better model performance, and a target of 35% has been set for this statistic. The root mean square error for TRM v5 2010 is shown in Table 2 below. The TRM v5 2010 model meets this target.

Table 2 Root Mean Square Error of Traffic Assignments

	Target RMSE	# of Counts	Modeled RMSE
Region-wide	35%	3197	35%

Comparisons are also made to the amount of travel on the highway system measured by vehicle miles of travel (VMT). The comparisons by functional classification and targets are shown below in Table 3. TRM v5 2010 model meets these targets.

Table 3 Vehicle Miles Traveled (VMT) by Federal Functional Classification (based on links w/ counts)

			Target	Modeled
Functional Class	Observed	Modeled	%Deviation	%Deviation
Freeway	8,497,000	8,950,000	7%	5.3%
Principal Arterial	3,388,000	3,617,000	10%	6.8%
Minor Arterial	3,282,000	3,268,000	10%	-0.4%
Collector	2,063,000	2,169,000	15%	5.2%
Local	1,324,000	1,341,000	15%	1.3%
Total	18,561,000	19,352,000	5%	4.3%

Comparisons are made between observed traffic count totals by Federal functional class and modeled volumes. Results are shown below in Table 4 with both FHWA targets and TRM targets. The TRM v5 model meets these targets.

Table 4 Percent Difference of Model Estimated Daily Traffic Volumes by Federal Functional Class

	FHWA	TRM	Daily	Modeled	%
Functional Class	Target (+/-)	Target (+/-)	Counts	Volumes	Deviation
Freeway	7%	5%	10,157,000	10,617,000	5%
Principal Arterial	10%	8%	12,316,000	12,809,000	4%
Minor Arterial	15%	10%	10,733,000	10,930,000	2%
Collector	25%	15%	4,456,000	4,418,000	-1%
Local	25%	15%	2,956,000	3,019,000	2%

Comparisons are also made between traffic counts and modeled volumes by volume groups from low to high traffic volume. Results are shown below in Table 5 with targets. The TRM v5 model meets these targets except for the lowest volume group.

Table 5 Percent Difference of Model Estimated Daily Traffic Volumes by Volume Group

	Daily	Modeled	Target	Modeled
Volume Group	Counts	Volumes	%Deviation	%Deviation
1 - 1000	115,000	197,000	55%	72%
1001 - 2500	759,000	901,000	50%	19%
2501 - 5000	1,883,000	1,980,000	30%	5%
5001 - 10000	5,706,000	5,925,000	25%	4%
10001 - 25000	15,592,000	16,167,000	20%	4%
25001 - 50000	11,198,000	11,320,000	15%	1%
>= 50001	5,379,000	5,314,000	10%	-1%
Total	40,631,000	41,805,000	5%	3%

Flows within the model region are compared to observed traffic counts for flows across the region using screen lines and across sub-regions using cut lines. First screen line comparisons are shown below in Table 6 with targets.

Table 6 Screen Line Comparison of Observed Daily Count to Modeled Volume

	Observed Daily	Modeled	Target	Modeled
Screen line	Count	Volume	%Deviation	%Deviation
Along I-85	313,000	282,000	10%	-10%
Along I-40	1,041,000	1,126,000	10%	8.2%
Wake/Durham Co. Line	577,000	558,000	10%	-3.3%

Next cut line comparisons are shown below in Table 7 with TRM targets, and with targets based on volume where higher volumes are expected to be more closely matched than lower volumes. TRM targets are not met by three cut lines: Johnston County, Chatham County, and along US 70. Adjustments were made to improve Johnston County and along US 70, and the Model Team recommends not making further adjustments to avoid limiting the predictive capability of the model. The absolute difference for Chatham County is small (5,520) though the relative difference is high. It is not recommended to make adjustments to address this deviation due to its small magnitude.

Table 7 Cut Line Comparison of Observed Daily Count to Modeled Volume

Cutline	Daily	Modeled	TRM	Vol. Based	Modeled
Name	Count	Volume	Target	Target	%Deviation
Southwest Durham	264,000	288,000	15%	15.5%	9.0%
Durham	488,000	427,000	15%	12.2%	-12.6%
Johnston County	209,000	246,000	15%	17.0%	17.6%
Chatham County	32,000	38,000	15%	35.6%	17.1%
North Raleigh	623,000	554,000	15%	11.1%	-11.1%
Eastern Wake	469,000	452,000	15%	12.4%	-3.50%
US-1 South	319,000	300,000	15%	14.4%	-5.9%
North Wake	110,000	116,000	15%	21.9%	5.5%
Along US-70	178,000	149,000	15%	18.1%	-16.2%

Transit Validation Statistics

For transit validation observed average daily riders by transit provider are compared to model estimated daily riders. An overall target of +/- 5% and a target by transit provider of +/- 10% have been set. As shown below in Table 8 the TRM v5 model meets these targets except for Triangle Transit and C-TRAN for which observed riders are small numbers, and therefore small absolute differences result in large percent deviations. It is therefore not recommended to make further adjustments to the model for transit validation.

Table 8 Comparison of Observed and Modeled Transit Riders

Company	Observed Ridership	Modeled Ridership	Modeled % Deviation
TT	4,119	5,363	30.2%
CAT	15,816	16,639	5.2%
CHT	27,273	26,788	-1.8%
DATA	15,965	17,638	10.5%
NCSU	12,070	12,147	0.6%
Duke	13,985	14,007	0.2%
C-TRAN	490	1,413	188.3%
Total	89,718	93,995	4.8%

Goals and Objectives.

The Durham-Chapel Hill-Carrboro Metropolitan Planning Organization's goals and objectives are:

1. Overall Transportation System

Goal: A safe, sustainable, efficient, attractive, multi-modal transportation system that: supports local land use; accommodates trip-making choices; maintains mobility; protects the environment and neighborhoods; and improves the quality of life for urban area residents.

Objectives:

- a) Establish performance standards that will measure the effectiveness of the urban area's overall transportation system in supporting access to goods, services, activities, and destinations.
- b) Select and program transportation projects, which are consistent with community goals and are a cost-effective use of funds.
- c) Develop and maintain a multi-modal regional transportation model that reflects travel patterns and incorporates innovative techniques for evaluating the impacts of proposed transportation investments on travel and land use patterns.
- d) Promote non-automobile transportation alternatives and create efficient connections between all transportation modes.
- e) Conserve natural resources and reduce the rate of energy consumption.
- f) Develop cooperative strategies with employers to reduce congestion and increase the efficiency of the transportation system.
- g) Use transportation funds based on the priority needs of the urban area, in keeping with community values.
- h) Seek additional funding and funding sources to ensure implementation of the long range plan.
- i) Monitor the implementation of the Plan and the targets through the biannual TIP process.
- j) Ensure that the transportation needs are met for all populations, especially for the youth and elderly, the mobility impaired, and the economically disadvantaged.
- k) Work cooperatively with the North Carolina Department of Transportation, neighboring Metropolitan Planning Organizations and Rural Planning Organizations and other transportation-related organizations to address the transportation issues of the broader region.

2. Multi-Modal Street and Highway System

Goal: An attractive multi-modal street and highway system that allows people and goods to be moved safely, conveniently, and efficiently.

Objectives:

- a) Establish performance standards and report on the condition and effectiveness of the multi-modal street and highway system.
- b) Create multi-modal street patterns that: encourage safe pedestrian, bicycle, and vehicular travel; provide access to public transportation; and ensure connectivity.
- c) Develop and implement level of service (LOS) standards for the urban area that are based on a cooperative agreement between state and local agencies.

- d) Preserve and enhance the traffic carrying capacity of arterial street systems, while minimizing traffic intrusion in residential neighborhoods.
- e) Identify and recommend design standards that: establish safe speeds; increase pedestrian and bicycle usage of streets; and enhance the attractiveness and appeal of the street and highway system.

3. Public Transportation System

Goal: A convenient, accessible, and affordable public transportation system, provided by public and private operators, that enhances mobility and economic development.

Objectives:

- a) Establish performance standards and report on the condition and effectiveness of the public transportation system.
- b) Increase public transit ridership by enlarging the service area and increasing the frequency of service within the urban area.
- c) Coordinate transit service within the urban area by promoting high quality, seamless, integrated, and customer-friendly service.
- d) Expand ridesharing, carpool, and vanpool services and opportunities.
- e) Develop and implement alternatives to the use of single occupant vehicles, including high occupancy vehicle (HOV) facilities and regional rail services.
- f) Develop and implement the Regional Transit Plan.
- g) Develop a regional park and ride system for cars and bicycles to support transit services and encourage ridesharing.

4. Pedestrian and Bicycle System

Goal: A pedestrian and bicycle system that: provides a safe alternative means of transportation; allows greater access to public transit; supports recreational opportunities; and includes off-road trails

Objectives:

- a) Establish performance standards and report on the condition and effectiveness of the pedestrian and bicycle system.
- b) Maintain and implement a Regional Pedestrian Plan and a Regional Bicycle Plan.
- c) Identify and recommend ways that local governments may provide adequate staff and resources to meet the goals of their pedestrian and bicycle programs.
- d) Develop a regional bicycle and pedestrian policy that establishes linkages between activity centers and provides for access to public transit.
- e) Ensure that bicycle and pedestrian facilities are included in the planning, design, and construction of every roadway and development project, including the connection to external transportation facilities, in accordance with bicycle and pedestrian plans and local ordinances.
- f) Increase education about the benefits of pedestrian and bicycle alternatives.
- g) Support the enforcement of pedestrian and bicycle regulations.
- h) Pursue strong funding commitment for building both pedestrian and bicycle facilities.
- i) Provide greater safety for pedestrians and bicyclists of all levels of ability, and safer interaction with users of other modes of transportation.

- j) Encourage the efforts and activities of citizen advocacy groups for pedestrian and bicycling by providing information and support for their programs.

5. Integration of Land Use and Transportation

Goal: A Transportation Plan that is integrated with local land use plans and development policies.

Objectives:

- a) Establish performance standards and report on the integration and consistency of the Transportation Plan with local land use plans and development policies.
- b) Create transportation systems that enhance the livability of all communities.
- c) Identify the impacts of different land use patterns and site designs on travel behavior.
- d) Evaluate the changes in land use brought about by the expansion of existing transportation facilities and the construction of new facilities.
- e) Identify and recommend land use patterns, parking requirements and development policies that increase overall mobility and that improve and support transportation efficiency, and compact, mixed-use, transit-friendly, and walkable development

6. Protection of Natural Environment and Social Systems

Goal: A multi-modal transportation system which provides access and mobility to all residents, while protecting the public health, natural environment, cultural resources, and social systems.

Objectives:

- a) Establish performance standards and report on transportation impacts on the public health, natural environment, cultural resources, and social systems.
- b) Protect and preserve archaeological, historic, and culturally valuable areas.
- c) Identify and protect environmentally sensitive areas early in the planning process.
- d) Develop and implement modifications to the transportation system that reduce the rate of growth in vehicle miles traveled (VMT).
- e) Modify the transportation system to reduce the pollutants in highway runoff and the vehicle emissions, in accordance with federal, state and local Clean Air and Water legislation.
- f) Minimize the noise and dust generated by transportation facilities in neighborhoods and the urban area.
- g) Ensure that transportation facilities do not negatively affect disadvantaged populations disproportionately.
- h) Develop and implement a transportation system that supports the reduction of greenhouse gases and carbon production and is coordinated with local greenhouse gas and carbon reduction plans.

7. Public Involvement

Goal: An ongoing program to inform and involve citizens throughout all stages of the development, update, and implementation of the Transportation Plan.

Objective:

- a) Establish performance standards and report on the effectiveness of the public involvement element of the Transportation Plan.

- b) Encourage a broad cross section of citizens to take a proactive role in the transportation policy and planning process.
- c) Educate the public and elected officials, in order to increase public understanding of both the options and the constraints of transportation alternatives.
- d) Determine the public's knowledge of the metropolitan transportation system, and public values, attitudes and concerns regarding transportation.
- e) Determine which elements of the Transportation Plan would support or diminish the public's desired lifestyle.

8. Safety and Security

Goal: Continue to improve transportation safety and ensure the security of the transportation system.

Objective:

- a) Reduce fatality, injury, and crash/incident rates on all modes.
- b) Reduce vulnerability of transportation facilities/users to terrorists, natural disasters and risks by implementing and monitoring an evacuation plan, and working with the regional emergency management team.
- c) Reduce economic losses due to transportation crashes and incidents.
- d) Improve the ability to identify high accident locations, and evaluate their impacts in TIP project prioritization.
- e) Provide a safe environment for transportation users through the "3 Es" (Engineering, Enforcement and Education).
- f) Increase transit safety and security for riders and employees.

9. Freight Transportation and Urban Goods Movement

Goal: Improve mobility and accessibility of freight and urban goods movement.

Objective:

- a) Relieve congestion on heavily-traveled truck routes.
- b) Improve mobility and access to intermodal operations and facilities.
- c) Establish and designate truck routes consistent with federal, state and local regulations.

RESOLUTION

TO APPROVE AMENDMENT #2 TO THE FY 2011-2012 UNIFIED PLANNING WORK PROGRAM OF THE DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION (DCHC MPO)

February 8, 2012

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

WHEREAS, A comprehensive and continuing transportation planning program must be carried out cooperatively in order to ensure that funds for transportation planning projects are effectively allocated to the DCHC MPO; and

WHEREAS, The Durham-Chapel Hill-Carrboro MPO requests an amendment to the 2011-2012 UPWP as outlined on the attached tables; and

WHEREAS, Members of the Transportation Advisory Committee agree that the Unified Planning Work Program amendment effectively advances transportation planning for 2011-2012

Now, therefore, be it resolved that the Transportation Advisory Committee hereby endorses Amendment #2 of the Durham-Chapel Hill-Carrboro Urban Area Unified Planning Work Program for the FY 2011-2012 as described in the attached sheets.

I, Lydia Lavelle, Transportation Advisory Committee 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 Urban Area Transportation Advisory Committee, duly held on the 8th day of February, 2012.

Signature of TAC Chair

Durham-Chapel Hill-Carrboro Metropolitan Planning Organization

STATE OF: North Carolina
COUNTY OF: Durham

I, _____, a Notary Public of _____ County, North Carolina do hereby certify that Lydia Levelle personally appeared before me on the 8th day of February, 2012, to affix his signature to the foregoing document.

Notary Public

101 City Hall Plaza
Durham, NC 27701

My commission expires: _____

**Durham-Chapel Hill-Carrboro Urban Area
FY 2011-2012 Unified Planning Work Program
Funding Distribution by Agency Funding Sources**

TCC 1/25/2012 Attachment 9

FHWA Planning Funds
MPO PL & STP-DA Total

	Task Description	STP-DA Section 133(b)(3)(7)			PL Section 104(f)			TOTAL PL & STP-DA After Amend #1 Approved 1/11/2012		
		Local	FHWA	Total	Local	FHWA	Total	Local	FHWA	Total
		20%	80%	100%	20%	80%	100%	20%	80%	100%
II-A	Surveillance of Change									
1	Traffic Volume Counts	\$3,525	\$14,100	\$17,625	\$728	\$2,912	\$3,640	\$4,253	\$17,012	\$21,265
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	\$650	\$2,600	\$3,250	\$58	\$232	\$290	\$708	\$2,832	\$3,540
5	Transit System Data	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6	Dwelling Unit, Pop. & Emp. Change	\$0	\$0	\$0	\$12,192	\$48,768	\$60,960	\$12,192	\$48,768	\$60,960
7	Air Travel	\$0	\$0	\$0	\$400	\$1,600	\$2,000	\$400	\$1,600	\$2,000
8	Vehicle Occupancy Rates	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9	Travel Time Studies	\$0	\$0	\$0	\$7,064	\$28,256	\$35,320	\$7,064	\$28,256	\$35,320
10	Mapping	\$14,880	\$59,520	\$74,400	\$6,942	\$27,768	\$34,710	\$21,822	\$87,288	\$109,110
11	Central Area Parking Inventory	\$952	\$3,808	\$4,760	\$0	\$0	\$0	\$952	\$3,808	\$4,760
12	Bike & Ped. Facilities Inventory	\$1,000	\$4,000	\$5,000	\$652	\$2,608	\$3,260	\$1,652	\$6,608	\$8,260
13	Bike & Ped. Counts	\$10,000	\$40,000	\$50,000	\$760	\$3,040	\$3,800	\$10,760	\$43,040	\$53,800
II-B	Long Range Transp. Plan									
1	Collection of Base Year Data	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2	Collection of Network Data	\$0	\$0	\$0	\$64	\$256	\$320	\$64	\$256	\$320
3	Travel Model Updates	\$63,356	\$253,424	\$316,780	\$0	\$0	\$0	\$63,356	\$253,424	\$316,780
4	Travel Surveys	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5	Forecast of Data to Horizon year	\$0	\$0	\$0	\$17,100	\$68,400	\$85,500	\$17,100	\$68,400	\$85,500
6	Community Goals & Objectives	\$0	\$0	\$0	\$2,678	\$10,712	\$13,390	\$2,678	\$10,712	\$13,390
7	Forecast of Future Travel Patterns	\$3,486	\$13,944	\$17,430	\$600	\$2,400	\$3,000	\$4,086	\$16,344	\$20,430
8	Capacity Deficiency Analysis	\$9,200	\$36,800	\$46,000	\$600	\$2,400	\$3,000	\$9,800	\$39,200	\$49,000
9	Highway Element of th L RTP	\$1,120	\$4,480	\$5,600	\$396	\$1,584	\$1,980	\$1,516	\$6,064	\$7,580
10	Transit Element of the L RTP	\$1,760	\$7,040	\$8,800	\$64	\$256	\$320	\$1,824	\$7,296	\$9,120
11	Bicycle & Ped. Element of the L RTP	\$12,800	\$51,200	\$64,000	\$1,496	\$5,984	\$7,480	\$14,296	\$57,184	\$71,480
12	Airport/Air Travel Element of L RTP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	Collector Street Element of L RTP	\$1,000	\$4,000	\$5,000	\$96	\$384	\$480	\$1,096	\$4,384	\$5,480
14	Rail, Water or other mode of L RTP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
15	Freight Movement/Mobility Planning	\$3,600	\$14,400	\$18,000	\$0	\$0	\$0	\$3,600	\$14,400	\$18,000
16	Financial Planning	\$2,500	\$10,000	\$12,500	\$2,000	\$8,000	\$10,000	\$4,500	\$18,000	\$22,500
17	Congestion Management Strategies	\$102,130	\$408,520	\$510,650	\$1,256	\$5,024	\$6,280	\$103,386	\$413,544	\$516,930
18	Air Qual. Planning/Conformity Anal.	\$0	\$0	\$0	\$3,378	\$13,512	\$16,890	\$3,378	\$13,512	\$16,890
II-C	Short Range Transit Planning									
1	Short Range Transit Planning	\$0	\$0	\$0	\$224	\$896	\$1,120	\$224	\$896	\$1,120
III-A	Planning Work Program									
	Planning Work Program	\$0	\$0	\$0	\$9,134	\$36,536	\$45,670	\$9,134	\$36,536	\$45,670
III-B	Transp. Improvement Plan									
	TIP	\$0	\$0	\$0	\$12,364	\$49,456	\$61,820	\$12,364	\$49,456	\$61,820
III-C	Cvl Rgts. Cmp./Otr .Reg. Reqs.									
1	Title VI	\$1,000	\$4,000	\$5,000	\$0	\$0	\$0	\$1,000	\$4,000	\$5,000
2	Environmental Justice	\$1,692	\$6,768	\$8,460	\$64	\$256	\$320	\$1,756	\$7,024	\$8,780
3	Minority Business Enterprise	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4	Planning for the Elderly & Disabled	\$0	\$0	\$0	\$32	\$128	\$160	\$32	\$128	\$160
5	Safety/Drug Control Planning	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6	Public Involvement	\$13,000	\$52,000	\$65,000	\$454	\$1,816	\$2,270	\$13,454	\$53,816	\$67,270
7	Private Sector Participation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
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.	\$1,089	\$4,356	\$5,445	\$96	\$384	\$480	\$1,185	\$4,740	\$5,925
3	Special Studies	\$179,500	\$718,000	\$897,500	\$10,314	\$41,256	\$51,570	\$189,814	\$759,256	\$949,070
4	Regional or Statewide Planning	\$13,885	\$55,540	\$69,425	\$351	\$1,403	\$1,754	\$14,236	\$56,943	\$71,179
III-E	Management & Operations									
1	Management & Operations	\$58,291	\$233,165	\$291,456	\$22,471	\$89,884	\$112,355	\$80,762	\$323,049	\$403,811
Totals		\$500,416	\$2,001,665	\$2,502,081	\$114,028	\$456,111	\$570,139	\$614,444	\$2,457,776	\$3,072,220

**Durham-Chapel Hill-Carrboro Urban Area
FY 2011-2012 Unified Planning Work Program
Funding Distribution by Agency Funding Sources**

TCC 1/25/2012 Attachment 9

**FHWA Planning Funds
MPO PL & STP-DA Total**

	Task Description	STP-DA Section 133(b)(3)(7)			PL Section 104(f)			TOTAL PL & STP-DA Amend #2 February 8, 2012		
		Local	FHWA	Total	Local	FHWA	Total	Local	FHWA	Total
		20%	80%	100%	20%	80%	100%	20%	80%	100%
II-A	Surveillance of Change									
	1 Traffic Volume Counts	0	0	0	0	0	0	0	0	0
	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	0	0	0	0	0	0	0	0	0
	5 Transit System Data	0	0	0	0	0	0	0	0	0
	6 Dwelling Unit, Pop. & Emp. Change	0	0	0	0	0	0	0	0	0
	7 Air Travel	0	0	0	0	0	0	0	0	0
	8 Vehicle Occupancy Rates	0	0	0	0	0	0	0	0	0
	9 Travel Time Studies	0	0	0	0	0	0	0	0	0
	10 Mapping	0	0	0	0	0	0	0	0	0
	11 Central Area Parking Inventory	0	0	0	0	0	0	0	0	0
	12 Bike & Ped. Facilities Inventory	0	0	0	0	0	0	0	0	0
	13 Bike & Ped. Counts	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
	2 Collection of Network Data	0	0	0	0	0	0	0	0	0
	3 Travel Model Updates	0	0	0	0	0	0	0	0	0
	4 Travel Surveys	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
	6 Community Goals & Objectives	0	0	0	0	0	0	0	0	0
	7 Forecast of Future Travel Patterns	0	0	0	0	0	0	0	0	0
	8 Capacity Deficiency Analysis	0	0	0	0	0	0	0	0	0
	9 Highway Element of th L RTP	0	0	0	0	0	0	0	0	0
	10 Transit Element of the L RTP	0	0	0	0	0	0	0	0	0
	11 Bicycle & Ped. Element of the L RTP	0	0	0	0	0	0	0	0	0
	12 Airport/Air Travel Element of L RTP	0	0	0	0	0	0	0	0	0
	13 Collector Street Element of L RTP	0	0	0	0	0	0	0	0	0
	14 Rail, Water or other mode of L RTP	0	0	0	0	0	0	0	0	0
	15 Freight Movement/Mobility Planning	0	0	0	0	0	0	0	0	0
	16 Financial Planning	0	0	0	0	0	0	0	0	0
	17 Congestion Management Strategies	0	0	0	0	0	0	0	0	0
	18 Air Qual. Planning/Conformity Anal.	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
III-A	Planning Work Program									
	Planning Work Program	0	0	0	0	0	0	0	0	0
III-B	Transp. Improvement Plan									
	TIP	0	0	0	0	0	0	0	0	0
III-C	Cvl Rgts. Cmp./Otr .Reg. Reqs.									
	1 Title VI	0	0	0	0	0	0	0	0	0
	2 Environmental Justice	0	0	0	0	0	0	0	0	0
	3 Minority Business Enterprise	0	0	0	0	0	0	0	0	0
	4 Planning for the Elderly & Disabled	0	0	0	0	0	0	0	0	0
	5 Safety/Drug Control Planning	0	0	0	0	0	0	0	0	0
	6 Public Involvement	0	0	0	0	0	0	0	0	0
	7 Private Sector Participation	0	0	0	0	0	0	0	0	0
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.	0	0	0	0	0	0	0	0	0
	3 Special Studies	(\$5,000)	(\$20,000)	(\$25,000)	\$0	\$0	\$0	(\$5,000)	(\$20,000)	(\$25,000)
	4 Regional or Statewide Planning	0	0	0	0	0	0	0	0	0
III-E	Management & Operations									
	1 Management & Operations	0	0	0	0	0	0	0	0	0
	Totals	(5,000)	(20,000)	(25,000)	0	0	0	(5,000)	(20,000)	(25,000)

**Durham-Chapel Hill-Carrboro Urban Area
FY 2011-2012 Unified Planning Work Program
Funding Distribution by Agency Funding Sources**

TCC 1/25/2012 Attachment 9

**FHWA Planning Funds
MPO PL & STP-DA Total**

	Task Description	STP-DA Section 133(b)(3)(7)			PL Section 104(f)			TOTAL PL & STP-DA After Amend. #2 February 8, 2012		
		Local	FHWA	Total	Local	FHWA	Total	Local	FHWA	Total
		20%	80%	100%	20%	80%	100%	20%	80%	100%
II-A	Surveillance of Change									
1	Traffic Volume Counts	\$3,525	\$14,100	\$17,625	\$728	\$2,912	\$3,640	\$4,253	\$17,012	\$21,265
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	\$650	\$2,600	\$3,250	\$58	\$232	\$290	\$708	\$2,832	\$3,540
5	Transit System Data	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6	Dwelling Unit, Pop. & Emp. Change	\$0	\$0	\$0	\$12,192	\$48,768	\$60,960	\$12,192	\$48,768	\$60,960
7	Air Travel	\$0	\$0	\$0	\$400	\$1,600	\$2,000	\$400	\$1,600	\$2,000
8	Vehicle Occupancy Rates	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9	Travel Time Studies	\$0	\$0	\$0	\$7,064	\$28,256	\$35,320	\$7,064	\$28,256	\$35,320
10	Mapping	\$14,880	\$59,520	\$74,400	\$6,942	\$27,768	\$34,710	\$21,822	\$87,288	\$109,110
11	Central Area Parking Inventory	\$952	\$3,808	\$4,760	\$0	\$0	\$0	\$952	\$3,808	\$4,760
12	Bike & Ped. Facilities Inventory	\$1,000	\$4,000	\$5,000	\$652	\$2,608	\$3,260	\$1,652	\$6,608	\$8,260
13	Bike & Ped. Counts	\$10,000	\$40,000	\$50,000	\$760	\$3,040	\$3,800	\$10,760	\$43,040	\$53,800
II-B	Long Range Transp. Plan									
1	Collection of Base Year Data	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2	Collection of Network Data	\$0	\$0	\$0	\$64	\$256	\$320	\$64	\$256	\$320
3	Travel Model Updates	\$63,356	\$253,424	\$316,780	\$0	\$0	\$0	\$63,356	\$253,424	\$316,780
4	Travel Surveys	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5	Forecast of Data to Horizon year	\$0	\$0	\$0	\$17,100	\$68,400	\$85,500	\$17,100	\$68,400	\$85,500
6	Community Goals & Objectives	\$0	\$0	\$0	\$2,678	\$10,712	\$13,390	\$2,678	\$10,712	\$13,390
7	Forecast of Future Travel Patterns	\$3,486	\$13,944	\$17,430	\$600	\$2,400	\$3,000	\$4,086	\$16,344	\$20,430
8	Capacity Deficiency Analysis	\$9,200	\$36,800	\$46,000	\$600	\$2,400	\$3,000	\$9,800	\$39,200	\$49,000
9	Highway Element of th LRTP	\$1,120	\$4,480	\$5,600	\$396	\$1,584	\$1,980	\$1,516	\$6,064	\$7,580
10	Transit Element of the LRTP	\$1,760	\$7,040	\$8,800	\$64	\$256	\$320	\$1,824	\$7,296	\$9,120
11	Bicycle & Ped. Element of the LRTP	\$12,800	\$51,200	\$64,000	\$1,496	\$5,984	\$7,480	\$14,296	\$57,184	\$71,480
12	Airport/Air Travel Element of LRTP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	Collector Street Element of LRTP	\$1,000	\$4,000	\$5,000	\$96	\$384	\$480	\$1,096	\$4,384	\$5,480
14	Rail, Water or other mode of LRTP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
15	Freight Movement/Mobility Planning	\$3,600	\$14,400	\$18,000	\$0	\$0	\$0	\$3,600	\$14,400	\$18,000
16	Financial Planning	\$2,500	\$10,000	\$12,500	\$2,000	\$8,000	\$10,000	\$4,500	\$18,000	\$22,500
17	Congestion Management Strategies	\$102,130	\$408,520	\$510,650	\$1,256	\$5,024	\$6,280	\$103,386	\$413,544	\$516,930
18	Air Qual. Planning/Conformity Anal.	\$0	\$0	\$0	\$3,378	\$13,512	\$16,890	\$3,378	\$13,512	\$16,890
II-C	Short Range Transit Planning									
1	Short Range Transit Planning	\$0	\$0	\$0	\$224	\$896	\$1,120	\$224	\$896	\$1,120
III-A	Planning Work Program									
	Planning Work Program	\$0	\$0	\$0	\$9,134	\$36,536	\$45,670	\$9,134	\$36,536	\$45,670
III-B	Transp. Improvement Plan									
	TIP	\$0	\$0	\$0	\$12,364	\$49,456	\$61,820	\$12,364	\$49,456	\$61,820
III-C	Cvl Rgts. Cmp./Otr .Reg. Reqs.									
1	Title VI	\$1,000	\$4,000	\$5,000	\$0	\$0	\$0	\$1,000	\$4,000	\$5,000
2	Environmental Justice	\$1,692	\$6,768	\$8,460	\$64	\$256	\$320	\$1,756	\$7,024	\$8,780
3	Minority Business Enterprise	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4	Planning for the Elderly & Disabled	\$0	\$0	\$0	\$32	\$128	\$160	\$32	\$128	\$160
5	Safety/Drug Control Planning	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6	Public Involvement	\$13,000	\$52,000	\$65,000	\$454	\$1,816	\$2,270	\$13,454	\$53,816	\$67,270
7	Private Sector Participation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
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.	\$1,089	\$4,356	\$5,445	\$96	\$384	\$480	\$1,185	\$4,740	\$5,925
3	Special Studies	\$174,500	\$698,000	\$872,500	\$10,314	\$41,256	\$51,570	\$184,814	\$739,256	\$924,070
4	Regional or Statewide Planning	\$13,885	\$55,540	\$69,425	\$351	\$1,403	\$1,754	\$14,236	\$56,943	\$71,179
III-E	Management & Operations									
1	Management & Operations	\$58,291	\$233,165	\$291,456	\$22,471	\$89,884	\$112,355	\$80,762	\$323,049	\$403,811
	Totals	\$495,416	\$1,981,665	\$2,477,081	\$114,028	\$456,111	\$570,139	\$609,444	\$2,437,776	\$3,047,220

**TRIANGLE J COUNCIL OF GOVERNMENTS
TASK DESCRIPTIONS & NARRATIVES
FY 2011-2012 UPWP**

Amendment to De-obligate Funds for Reprogramming in Future Years.

III – D- 3. Special Studies.

The special studies funds were to be used for mobility-related activities associated with creating a regional sustainable development plan through the federal DOT/EPA/HUD sustainable communities partnership. No federal grant will be awarded in FY11-12, so the funds should be de-obligated for later re-programming.

Objectives

To ensure mobility investments are central features of a regional sustainability plan and to ensure that any regional sustainability plan can fulfill MPO requirements, especially the housing assessment requirements in the Intermodal Bill.

Previous work

None.

Proposed activities

The *PRISM-Research Triangle* proposal included a housing needs and assessment plan to fulfill the requirements in the Intermodal Bill, scenario analysis and visualization, extensive public outreach and an implementation agreement among participating organizations.

Products

- Housing assessment that meets the requirements of the NC Intermodal Bill.

Relationship to other plans and MPO activities

Most direct relationship would be to local or regional transit projects seeking state funding through the Intermodal Bill.

Proposed budget and level of effort

Because a federal sustainable community's grant will not be awarded in FY11-12, the MPO allocation should be de-obligated so it can be reprogrammed in FY12-13:

Task Code-Title	Local 20%	FHWA 80%	Total
III-D-3 - Special Studies	\$0	\$0	\$0

Funding Commitments from other Entities:

CAMPO, Triangle Transit and other organizations had also pledged leveraged resources.

MEMORANDUM

**TO: Transportation Advisory Committee
DCHC MPO**

FROM: DCHC MPO Lead Planning Agency

DATE: January 25, 2012

SUBJECT: 2012-2013 Unified Planning Work Program (UPWP)

Unified Planning Work Program (UPWP) Development Process

The development schedule for the 2012-13 UPWP has been updated and is presented below. The work program will contain new initiative for FY2013 and a continuation of the FY2012 initiatives and emphasis areas. The schedule reflects a shift to our later development schedule due to the delay of financial and narrative data being received by member agencies. The MPO will continue to work with each local member government during their budget development process.

	DATES	DCHC MPO ACTIVITY DESCRIPTION
1	26-Oct-11	TCC receives the schedule for the development of the 2012-2013 UPWP.
2	31-Oct-11	MPO funding request sent out to member agencies
3	9-Nov-11	TAC receives schedule for the development of the 2012-2013 UPWP
4	2-Dec-11	Deadline for funding request to be submitted to MPO by member agencies.
5	December 2011	Development of Draft 2012-2013 UPWP and coordinating with local agencies continues.
6	25-Jan-12	TCC receives 1st Draft 2012-2013 UPWP.
7	8-Feb-12	TAC receives 1st Draft 2012-2013 UPWP
8	February - March 2012	TCC coordinates with member jurisdictions budget process for local matching funds.
9	22-Feb-12	TCC receives 2nd Draft 2012-2013 UPWP.
10	14-Mar-12	TAC receives 2nd Draft 2012-2013 UPWP
11	28-Mar-12	TCC recommends Draft 2012-2013 UPWP to be released for Public Comment
12	11-Apr-12	TAC reviews Final Draft 2012-2013 UPWP, hold public comments hearing
13	25-Apr-12	TCC considers public comments and recommends that TAC adopt FINAL FY2012-2013 UPWP and self certifies MPO planning process
14	9-May-12	TAC adopts FINAL 2012-2013 UPWP and self certifies MPO planning process
15	10-May-12	Final FY2012-2103 UPWP submitted to NCDOT/FHWA for approval.

**Durham-Chapel Hill-Carrboro Urban Area
FY 2012-2013 Unified Planning Work Program
Funding Distribution by Agency Funding Sources**

TCC 1/25/2012 Attachment 10A

MPO Funding Table - Distribution by Agency

Receiving Agency	STP-DA Sec. 133(b)(3)(7)		Section 104(f) PL		Section 5303 Highway/Transit			Section 5307 Transit			Section 5309 Transit			Funding Summary			
	Local	FHWA	Local	FHWA	Local	NCDOT	FTA	Local	NCDOT	FTA	Local	NCDOT	FTA	Local	NCDOT	Federal	Total
	20%	80%	20%	80%	10%	10%	80%	10%	10%	80%	10%	10%	80%				
Durham/DATA	\$331,263	\$1,325,051	\$102,861	\$411,445	\$13,999	\$13,999	\$111,988	\$63,716	\$63,716	\$509,724	\$0	\$0	\$0	\$511,838	\$77,714	\$2,358,208	\$2,947,760
Carrboro	\$0	\$0	\$6,635	\$26,538	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,635	\$0	\$26,538	\$33,173
Chapel Hill/CHT	\$0	\$0	\$17,351	\$69,404	\$13,450	\$13,450	\$107,596	\$45,000	\$45,000	\$360,000	\$0	\$0	\$0	\$75,801	\$58,450	\$537,000	\$671,250
Orange County	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TJCOG	\$12,071	\$48,285	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$12,071	\$0	\$48,285	\$60,356
TTA	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$106,875	\$106,875	\$855,000	\$0	\$0	\$0	\$106,875	\$106,875	\$855,000	\$1,068,750
NCDOT	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$343,334	\$1,373,336	\$126,847	\$507,387	\$27,449	\$27,449	\$219,584	\$215,591	\$215,591	\$1,724,724	\$0	\$0	\$0	\$713,220	\$243,039	\$3,825,031	\$4,781,289

Footnote: All program of activities have been developed with the knowledge that there is no approved Federal Indirect Cost Plan in place at this time of the approval of the FY2013 work program.

**Durham-Chapel Hill-Carrboro Urban Area
FY 2012-2013 Unified Planning Work Program
Funding Distribution by Agency Funding Sources**

TCC 1/25/2012 Attachment 10A

MPO Wide - Detail Funding Tables - All Funding Sources

	Task Description	SPR Highway		STP-DA 133(b)(3)(7)		Sec. 104(f) PL		Section 5303 Highway/Transit			Section 5307 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	NCDOT	Federal	Total		
II A	Surveillance of Change																		
	1 Traffic Volume Counts	0	0	13,130	52,520	746	2,984	0	0	0	0	0	0	0	0	13,876	-	55,504	69,380
	2 Vehicle Miles of Travel	0	0	1,600	6,400	1,000	4,000	100	100	800	0	0	0	0	0	2,700	100	11,200	14,000
	3 Street System Changes	0	0	1,000	4,000	1,000	4,000	0	0	0	0	0	0	0	0	2,000	-	8,000	10,000
	4 Traffic Accidents	0	0	800	3,200	72	288	0	0	0	0	0	0	0	0	872	-	3,488	4,360
	5 Transit System Data	0	0	800	3,200	0	0	200	200	1,600	10,625	10,625	85,000	11,625	10,825	89,800	-	112,250	112,250
	6 Dwelling Unit, Pop. & Emp. Change	0	0	4,400	17,600	7,150	28,600	8,572	8,572	68,575	1,120	1,120	8,958	21,242	9,692	123,733	-	154,666	154,666
	7 Air Travel	0	0	400	1,600	0	0	0	0	0	0	0	0	400	-	1,600	-	2,000	2,000
	8 Vehicle Occupancy Rates	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
	9 Travel Time Studies	0	0	5,740	22,960	0	0	200	200	1,600	0	0	0	5,940	200	24,560	-	30,700	30,700
	10 Mapping	0	0	2,400	9,600	9,674	38,696	3,000	3,000	24,000	0	0	0	15,074	3,000	72,296	-	90,370	90,370
	11 Central Area Parking Inventory	0	0	0	0	488	1,952	0	0	0	0	0	0	488	-	1,952	-	2,440	2,440
	12 Bike & Ped. Facilities Inventory	0	0	1,200	4,800	636	2,544	0	0	0	0	0	0	1,836	-	7,344	-	9,180	9,180
	13 Bike & Ped. Counts	0	0	3,600	14,400	639	2,555	0	0	0	0	0	0	4,239	-	16,955	-	21,194	21,194
II-B	Long Range Transp. Plan																		
	1 Collection of Base Year Data	0	0	320	1,280	0	0	0	0	0	0	0	0	320	-	1,280	-	1,600	1,600
	2 Collection of Network Data	0	0	576	2,304	72	288	0	0	0	0	0	0	648	-	2,592	-	3,240	3,240
	3 Travel Model Updates	0	0	63,340	253,360	0	0	150	150	1,197	11,250	11,250	90,000	74,740	11,400	344,557	-	430,696	430,696
	4 Travel Surveys	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	-	-
	5 Forecast of Data to Horizon year	0	0	2,680	10,720	0	0	0	0	0	0	0	0	2,680	-	10,720	-	13,400	13,400
	6 Community Goals & Objectives	0	0	400	1,600	544	2,176	0	0	0	0	0	0	944	-	3,776	-	4,720	4,720
	7 Forecast of Future Travel Patterns	0	0	3,000	12,000	6,800	27,200	0	0	0	0	0	0	9,800	-	39,200	-	49,000	49,000
	8 Capacity Deficiency Analysis	0	0	6,000	24,000	15,000	60,000	1,000	1,000	8,000	0	0	0	22,000	1,000	92,000	-	115,000	115,000
	9 Highway Element of th L RTP	0	0	1,000	4,000	1,546	6,184	0	0	0	0	0	0	2,546	-	10,184	-	12,730	12,730
	10 Transit Element of the L RTP	0	0	1,000	4,000	1,546	6,184	400	400	3,200	3,188	3,188	25,500	6,134	3,588	38,884	-	48,605	48,605
	11 Bicycle & Ped. Element of the L RTP	0	0	12,400	49,600	908	3,632	200	200	1,600	0	0	0	13,508	200	54,832	-	68,540	68,540
	12 Airport/Air Travel Element of L RTP	0	0	0	0	400	1,600	0	0	0	0	0	0	400	-	1,600	-	2,000	2,000
	13 Collector Street Element of L RTP	0	0	1,000	4,000	1,308	5,232	100	100	800	0	0	0	2,408	100	10,032	-	12,540	12,540
	14 Rail, Water or other mode of L RTP	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	-	-
	15 Freight Movement/Mobility Planning	0	0	400	1,600	800	3,200	0	0	0	0	0	0	1,200	-	4,800	-	6,000	6,000
	16 Financial Planning	0	0	0	0	2,200	8,800	500	500	4,000	4,540	4,540	36,320	7,240	5,040	49,120	-	61,400	61,400
	17 Congestion Management Strategies	0	0	56,000	224,000	890	3,560	500	500	4,000	0	0	0	57,390	500	231,560	-	289,450	289,450
	18 Air Qual. Planning/Conformity Anal.	0	0	1,600	6,400	3,778	15,112	0	0	0	0	0	0	5,378	-	21,512	-	26,890	26,890
II-C	Short Range Transit Planning																		
	Short Range Transit Planning	0	0	0	0	254	1,016	1,000	1,000	8,000	44,688	44,688	357,500	45,942	45,688	366,516	-	458,145	458,145
III-A	Planning Work Program																		
	Planning Work Program	0	0	2,000	8,000	11,624	46,496	0	0	0	500	500	4,000	14,124	500	58,496	-	73,120	73,120
III-B	Transp. Improvement Plan																		
	TIP	0	0	2,400	9,600	14,582	58,328	0	0	0	500	500	4,000	17,482	500	71,928	-	89,910	89,910
III-C	Cvl Rgts. Cmp./Otr. Reg. Reqs.																		
	1 Title VI	0	0	1,800	7,200	4,948	19,792	0	0	0	500	500	4,000	7,248	500	30,992	-	38,740	38,740
	2 Environmental Justice	0	0	800	3,200	2,528	10,112	0	0	0	0	0	0	3,328	-	13,312	-	16,640	16,640
	3 Minority Business Enterprise	0	0	800	3,200	0	0	0	0	0	50	50	400	850	50	3,600	-	4,500	4,500
	4 Planning for the Elderly & Disabled	0	0	800	3,200	72	288	0	0	0	1,000	1,000	8,000	1,872	1,000	11,488	-	14,360	14,360
	5 Safety/Drug Control Planning	0	0	0	0	0	0	0	0	0	1,500	1,500	12,000	1,500	1,500	12,000	-	15,000	15,000
	6 Public Involvement	0	0	13,400	53,600	3,676	14,704	0	0	0	500	500	4,000	17,576	500	72,304	-	90,380	90,380
	7 Private Sector Participation	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	-	-
III-D	Incidental Plng./Project Dev.																		
	1 Transportation Enhancement Plng.	0	0	0	0	0	0	0	0	0	42,500	42,500	340,000	42,500	42,500	340,000	-	425,000	425,000
	2 Enviro. Analysis & Pre-TIP Plng.	0	0	9,800	39,200	3,608	14,432	0	0	0	0	0	0	13,408	-	53,632	-	67,040	67,040
	3 Special Studies	0	0	61,000	244,000	486	1,944	0	0	0	6,000	6,000	48,000	67,486	6,000	293,944	-	367,431	367,431
	4 Regional or Statewide Planning	0	0	16,471	65,885	3,000	12,000	3,000	3,000	24,000	5,300	5,300	42,400	27,771	8,300	144,285	-	180,356	180,356
III-E	Management & Operations																		
	1 Management & Operations	0	0	49,277	197,107	24,872	99,486	8,527	8,527	68,213	81,831	81,831	654,646	164,506	90,357	1,019,453	-	1,274,316	1,274,316
	Totals	\$0	\$0	\$343,334	\$1,373,336	\$126,847	\$507,386	\$27,448	\$27,448	\$219,585	\$215,591	\$215,591	\$1,724,724	\$713,219	\$243,039	\$3,825,031	-	\$4,781,289	\$4,781,289

**Durham-Chapel Hill-Carrboro Urban Area
FY 2012-2013 Unified Planning Work Program
Funding Distribution by Agency Funding Sources**

TCC 1/25/2012 Attachment 10A

Composite Agency Tables -PL & STPDA Funding ONLY.

	Task Description	Chapel Hill			Carrboro			TJCOG			Durham			MPO		
		Local 20%	FHWA 80%	Total 100%	Local 20%	FHWA 80%	Total 100%	Local 20%	FHWA 80%	Total 100%	Local 20%	FHWA 80%	Total 100%	Local 20%	FHWA 80%	Total 100%
II-A	Surveillance of Change															
	1 Traffic Volume Counts	\$600	\$2,400	\$3,000	\$146	\$584	\$730	\$0	\$0	\$0	\$13,130	\$52,520	\$65,650	\$13,876	\$55,504	\$69,380
	2 Vehicle Miles of Travel	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,600	\$10,400	\$13,000	\$2,600	\$10,400	\$13,000
	3 Street System Changes	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,000	\$8,000	\$10,000	\$2,000	\$8,000	\$10,000
	4 Traffic Accidents	\$0	\$0	\$0	\$72	\$288	\$360	\$0	\$0	\$0	\$800	\$3,200	\$4,000	\$872	\$3,488	\$4,360
	5 Transit System Data	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$800	\$3,200	\$4,000	\$800	\$3,200	\$4,000
	6 Dwelling Unit, Pop. & Emp. Change	\$400	\$1,600	\$2,000	\$102	\$408	\$510	\$0	\$0	\$0	\$11,048	\$44,192	\$55,240	\$11,550	\$46,200	\$57,750
	7 Air Travel	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$400	\$1,600	\$2,000	\$400	\$1,600	\$2,000
	8 Vehicle Occupancy Rates	\$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	\$5,740	\$22,960	\$28,700	\$5,740	\$22,960	\$28,700
	10 Mapping	\$2,000	\$8,000	\$10,000	\$418	\$1,672	\$2,090	\$0	\$0	\$0	\$9,656	\$38,624	\$48,280	\$12,074	\$48,296	\$60,370
	11 Central Area Parking Inventory	\$0	\$0	\$0	\$88	\$352	\$440	\$0	\$0	\$0	\$400	\$1,600	\$2,000	\$488	\$1,952	\$2,440
	12 Bike & Ped. Facilities Inventory	\$600	\$2,400	\$3,000	\$36	\$144	\$180	\$0	\$0	\$0	\$1,200	\$4,800	\$6,000	\$1,836	\$7,344	\$9,180
	13 Bike & Ped. Counts	\$551	\$2,203	\$2,754	\$88	\$352	\$440	\$0	\$0	\$0	\$3,600	\$14,400	\$18,000	\$4,239	\$16,955	\$21,194
II-B	Long Range Transp. Plan															
	1 Collection of Base Year Data	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$320	\$1,280	\$1,600	\$320	\$1,280	\$1,600
	2 Collection of Network Data	\$0	\$0	\$0	\$72	\$288	\$360	\$0	\$0	\$0	\$576	\$2,304	\$2,880	\$648	\$2,592	\$3,240
	3 Travel Model Updates	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$63,340	\$253,360	\$316,700	\$63,340	\$253,360	\$316,700
	4 Travel Surveys	\$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	\$2,680	\$10,720	\$13,400	\$2,680	\$10,720	\$13,400
	6 Community Goals & Objectives	\$0	\$0	\$0	\$144	\$576	\$720	\$0	\$0	\$0	\$3,200	\$12,800	\$16,000	\$944	\$3,776	\$4,720
	7 Forecast of Future Travel Patterns	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$9,800	\$39,200	\$49,000	\$9,800	\$39,200	\$49,000
	8 Capacity Deficiency Analysis	\$2,000	\$8,000	\$10,000	\$0	\$0	\$0	\$0	\$0	\$0	\$19,000	\$76,000	\$95,000	\$21,000	\$84,000	\$105,000
	9 Highway Element of th L RTP	\$400	\$1,600	\$2,000	\$146	\$584	\$730	\$0	\$0	\$0	\$2,000	\$8,000	\$10,000	\$2,546	\$10,184	\$12,730
	10 Transit Element of the L RTP	\$400	\$1,600	\$2,000	\$146	\$584	\$730	\$0	\$0	\$0	\$2,000	\$8,000	\$10,000	\$2,546	\$10,184	\$12,730
	11 Bicycle & Ped. Element of the L RTP	\$400	\$1,600	\$2,000	\$108	\$432	\$540	\$0	\$0	\$0	\$12,800	\$51,200	\$64,000	\$13,308	\$53,232	\$66,540
	12 Airport/Air Travel Element of L RTP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$400	\$1,600	\$2,000	\$400	\$1,600	\$2,000
	13 Collector Street Element of L RTP	\$200	\$800	\$1,000	\$108	\$432	\$540	\$0	\$0	\$0	\$2,000	\$8,000	\$10,000	\$2,308	\$9,232	\$11,540
	14 Rail, Water or other mode of L RTP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	15 Freight Movement/Mobility Plannin	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,200	\$4,800	\$6,000	\$1,200	\$4,800	\$6,000
	16 Financial Planning	\$400	\$1,600	\$2,000	\$0	\$0	\$0	\$0	\$0	\$0	\$1,800	\$7,200	\$9,000	\$2,200	\$8,800	\$11,000
	17 Congestion Management Strategies	\$600	\$2,400	\$3,000	\$290	\$1,160	\$1,450	\$0	\$0	\$0	\$56,000	\$224,000	\$280,000	\$56,890	\$227,560	\$284,450
	18 Air Qual. Planning/Conformity Anal.	\$400	\$1,600	\$2,000	\$0	\$0	\$0	\$0	\$0	\$0	\$4,978	\$19,912	\$24,890	\$5,378	\$21,512	\$26,890
II-C	Short Range Transit Planning															
	Short Range Transit Planning	\$0	\$0	\$0	\$254	\$1,016	\$1,270	\$0	\$0	\$0	\$0	\$0	\$0	\$254	\$1,016	\$1,270
III-A	Planning Work Program															
	Planning Work Program	\$400	\$1,600	\$2,000	\$324	\$1,296	\$1,620	\$0	\$0	\$0	\$12,900	\$51,600	\$64,500	\$13,624	\$54,496	\$68,120
III-B	Transp. Improvement Plan															
	TIP	\$400	\$1,600	\$2,000	\$582	\$2,328	\$2,910	\$0	\$0	\$0	\$16,000	\$64,000	\$80,000	\$16,982	\$67,928	\$84,910
III-C	Cvl Rgts. Cmp./Otr .Reg. Reqs.															
	1 Title VI	\$0	\$0	\$0	\$36	\$144	\$180	\$0	\$0	\$0	\$6,712	\$26,848	\$33,560	\$6,748	\$26,992	\$33,740
	2 Environmental Justice	\$0	\$0	\$0	\$108	\$432	\$540	\$0	\$0	\$0	\$3,220	\$12,880	\$16,100	\$3,328	\$13,312	\$16,640
	3 Minority Business Enterprise	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$800	\$3,200	\$4,000	\$800	\$3,200	\$4,000
	4 Planning for the Elderly & Disabled	\$0	\$0	\$0	\$72	\$288	\$360	\$0	\$0	\$0	\$800	\$3,200	\$4,000	\$872	\$3,488	\$4,360
	5 Safety/Drug Control Planning	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	6 Public Involvement	\$0	\$0	\$0	\$402	\$1,608	\$2,010	\$0	\$0	\$0	\$16,674	\$66,696	\$83,370	\$17,076	\$68,304	\$85,380
	7 Private Sector Participation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
III-D	Incidental Plng./Project Dev.															
	1 Transportation Enhancement Plng.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	2 Enviro. Analysis & Pre-TIP Plng.	\$600	\$2,400	\$3,000	\$108	\$432	\$540	\$0	\$0	\$0	\$12,700	\$50,800	\$63,500	\$13,408	\$53,632	\$67,040
	3 Special Studies	\$0	\$0	\$0	\$486	\$1,944	\$2,431	\$5,000	\$20,000	\$25,000	\$56,000	\$224,000	\$280,000	\$61,486	\$245,944	\$307,431
	4 Regional or Statewide Planning	\$3,000	\$12,000	\$15,000	\$0	\$0	\$0	\$7,071	\$28,285	\$35,356	\$9,400	\$37,600	\$47,000	\$19,471	\$77,885	\$97,356
III-E	Management & Operations															
	1 Management & Operations	\$4,000	\$16,000	\$20,000	\$2,298	\$9,194	\$11,492	\$0	\$0	\$0	\$67,850	\$271,400	\$339,250	\$74,148	\$296,594	\$370,742
	Totals	\$17,351	\$69,403	\$86,754	\$6,635	\$26,538	\$33,173	\$12,071	\$48,285	\$60,356	\$434,124	\$1,736,496	\$2,170,620	\$470,181	\$1,880,722	\$2,350,903

**Durham-Chapel Hill-Carrboro Urban Area
FY 2012-2013 Unified Planning Work Program
Funding Distribution by Agency Funding Sources**

TCC 1/25/2012 Attachment 10A

FHWA Planning Funds
MPO PL & STP-DA Total

	Task Description	STP-DA Section 133(b)(3)(7)			PL Section 104(f)			TOTAL PL & STP-DA		
		Local	FHWA	Total	Local	FHWA	Total	Local	FHWA	Total
		20%	80%	100%	20%	80%	100%	20%	80%	100%
II-A	Surveillance of Change									
1	Traffic Volume Counts	13,130	52,520	65,650	746	2,984	3,730	13,876	55,504	69,380
2	Vehicle Miles of Travel	1,600	6,400	8,000	1,000	4,000	5,000	2,600	10,400	13,000
3	Street System Changes	1,000	4,000	5,000	1,000	4,000	5,000	2,000	8,000	10,000
4	Traffic Accidents	800	3,200	4,000	72	288	360	872	3,488	4,360
5	Transit System Data	800	3,200	4,000	0	0	0	800	3,200	4,000
6	Dwelling Unit, Pop. & Emp. Change	4,400	17,600	22,000	7,150	28,600	35,750	11,550	46,200	57,750
7	Air Travel	400	1,600	2,000	0	0	0	400	1,600	2,000
8	Vehicle Occupancy Rates	0	0	0	0	0	0	0	0	0
9	Travel Time Studies	5,740	22,960	28,700	0	0	0	5,740	22,960	28,700
10	Mapping	2,400	9,600	12,000	9,674	38,696	48,370	12,074	48,296	60,370
11	Central Area Parking Inventory	0	0	0	488	1,952	2,440	488	1,952	2,440
12	Bike & Ped. Facilities Inventory	1,200	4,800	6,000	636	2,544	3,180	1,836	7,344	9,180
13	Bike & Ped. Counts	3,600	14,400	18,000	639	2,555	3,194	4,239	16,955	21,194
II-B	Long Range Transp. Plan									
1	Collection of Base Year Data	320	1,280	1,600	0	0	0	320	1,280	1,600
2	Collection of Network Data	576	2,304	2,880	72	288	360	648	2,592	3,240
3	Travel Model Updates	63,340	253,360	316,700	0	0	0	63,340	253,360	316,700
4	Travel Surveys	0	0	0	0	0	0	0	0	0
5	Forecast of Data to Horizon year	2,680	10,720	13,400	0	0	0	2,680	10,720	13,400
6	Community Goals & Objectives	400	1,600	2,000	544	2,176	2,720	944	3,776	4,720
7	Forecast of Future Travel Patterns	3,000	12,000	15,000	6,800	27,200	34,000	9,800	39,200	49,000
8	Capacity Deficiency Analysis	6,000	24,000	30,000	15,000	60,000	75,000	21,000	84,000	105,000
9	Highway Element of the LRTP	1,000	4,000	5,000	1,546	6,184	7,730	2,546	10,184	12,730
10	Transit Element of the LRTP	1,000	4,000	5,000	1,546	6,184	7,730	2,546	10,184	12,730
11	Bicycle & Ped. Element of the LRTP	12,400	49,600	62,000	908	3,632	4,540	13,308	53,232	66,540
12	Airport/Air Travel Element of LRTP	0	0	0	400	1,600	2,000	400	1,600	2,000
13	Collector Street Element of LRTP	1,000	4,000	5,000	1,308	5,232	6,540	2,308	9,232	11,540
14	Rail, Water or other mode of LRTP	0	0	0	0	0	0	0	0	0
15	Freight Movement/Mobility Planning	400	1,600	2,000	800	3,200	4,000	1,200	4,800	6,000
16	Financial Planning	0	0	0	2,200	8,800	11,000	2,200	8,800	11,000
17	Congestion Management Strategies	56,000	224,000	280,000	890	3,560	4,450	56,890	227,560	284,450
18	Air Qual. Planning/Conformity Anal.	1,600	6,400	8,000	3,778	15,112	18,890	5,378	21,512	26,890
II-C	Short Range Transit Planning									
1	Short Range Transit Planning	0	0	0	254	1,016	1,270	254	1,016	1,270
III-A	Planning Work Program									
	Planning Work Program	2,000	8,000	10,000	11,624	46,496	58,120	13,624	54,496	68,120
III-B	Transp. Improvement Plan									
	TIP	2,400	9,600	12,000	14,582	58,328	72,910	16,982	67,928	84,910
III-C	Cvl Rgts. Cmp./Otr .Reg. Req.									
1	Title VI	1,800	7,200	9,000	4,948	19,792	24,740	6,748	26,992	33,740
2	Environmental Justice	800	3,200	4,000	2,528	10,112	12,640	3,328	13,312	16,640
3	Minority Business Enterprise	800	3,200	4,000	0	0	0	800	3,200	4,000
4	Planning for the Elderly & Disabled	800	3,200	4,000	72	288	360	872	3,488	4,360
5	Safety/Drug Control Planning	0	0	0	0	0	0	0	0	0
6	Public Involvement	13,400	53,600	67,000	3,676	14,704	18,380	17,076	68,304	85,380
7	Private Sector Participation	0	0	0	0	0	0	0	0	0
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.	9,800	39,200	49,000	3,608	14,432	18,040	13,408	53,632	67,040
3	Special Studies	61,000	244,000	305,000	486	1,944	2,431	61,486	245,944	307,431
4	Regional or Statewide Planning	16,471	65,885	82,356	3,000	12,000	15,000	19,471	77,885	97,356
III-E	Management & Operations									
1	Management & Operations	49,277	197,107	246,384	24,872	99,486	124,358	74,148	296,594	370,742
	Totals	343,334	1,373,336	1,716,670	126,847	507,386	634,233	470,181	1,880,722	2,350,903

**Durham-Chapel Hill-Carrboro Urban Area
FY 2012-2013 Unified Planning Work Program
Funding Distribution by Agency Funding Sources**

TCC 1/25/2012 Attachment 10A

City of Durham / LPA

	Task Description	STP-DA 133(b)(3)(7)		Sec. 104(f) PL		Section 5303 Highway/Transit			Section 5307 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	NCDOT	Federal	Total	
II A	Surveillance of Change															
	1 Traffic Volume Counts	\$13,130	\$52,520	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$13,130	\$0	\$52,520	\$65,650	
	2 Vehicle Miles of Travel	\$1,600	\$6,400	\$1,000	\$4,000	\$0	\$0	\$0	\$0	\$0	\$0	\$2,600	\$0	\$10,400	\$13,000	
	3 Street System Changes	\$1,000	\$4,000	\$1,000	\$4,000	\$0	\$0	\$0	\$0	\$0	\$0	\$2,000	\$0	\$8,000	\$10,000	
	4 Traffic Accidents	\$800	\$3,200	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$800	\$0	\$3,200	\$4,000	
	5 Transit System Data	\$800	\$3,200	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$800	\$0	\$3,200	\$4,000	
	6 Dwelling Unit, Pop. & Emp. Change	\$4,400	\$17,600	\$6,648	\$26,592	\$8,472	\$8,472	\$67,775	\$1,120	\$1,120	\$8,958	\$20,640	\$9,592	\$120,925	\$151,156	
	7 Air Travel	\$400	\$1,600	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$400	\$0	\$1,600	\$2,000	
	8 Vehicle Occupancy Rates	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	9 Travel Time Studies	\$5,740	\$22,960	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,740	\$0	\$22,960	\$28,700	
	10 Mapping	\$2,400	\$9,600	\$7,256	\$29,024	\$0	\$0	\$0	\$0	\$0	\$0	\$9,656	\$0	\$38,624	\$48,280	
	11 Central Area Parking Inventory	\$0	\$0	\$400	\$1,600	\$0	\$0	\$0	\$0	\$0	\$0	\$400	\$0	\$1,600	\$2,000	
	12 Bike & Ped. Facilities Inventory	\$1,200	\$4,800	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,200	\$0	\$4,800	\$6,000	
	13 Bike & Ped. Counts	\$3,600	\$14,400	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,600	\$0	\$14,400	\$18,000	
II B	Long Range Transp. Plan															
	1 Collection of Base Year Data	\$320	\$1,280	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$320	\$0	\$1,280	\$1,600	
	2 Collection of Network Data	\$576	\$2,304	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$576	\$0	\$2,304	\$2,880	
	3 Travel Model Updates	\$63,340	\$253,360	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$63,340	\$0	\$253,360	\$316,700	
	4 Travel Surveys	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	5 Forecast of Data to Horizon year	\$2,680	\$10,720	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,680	\$0	\$10,720	\$13,400	
	6 Community Goals & Objectives	\$400	\$1,600	\$400	\$1,600	\$0	\$0	\$0	\$0	\$0	\$0	\$800	\$0	\$3,200	\$4,000	
	7 Forecast of Future Travel Patterns	\$3,000	\$12,000	\$6,800	\$27,200	\$0	\$0	\$0	\$0	\$0	\$0	\$9,800	\$0	\$39,200	\$49,000	
	8 Capacity Deficiency Analysis	\$6,000	\$24,000	\$13,000	\$52,000	\$0	\$0	\$0	\$0	\$0	\$0	\$19,000	\$0	\$76,000	\$95,000	
	9 Highway Element of th LRTP	\$1,000	\$4,000	\$1,000	\$4,000	\$0	\$0	\$0	\$0	\$0	\$0	\$2,000	\$0	\$8,000	\$10,000	
	10 Transit Element of the LRTP	\$1,000	\$4,000	\$1,000	\$4,000	\$0	\$0	\$0	\$0	\$0	\$0	\$2,000	\$0	\$8,000	\$10,000	
	11 Bicycle & Ped. Element of the LRTP	\$12,400	\$49,600	\$400	\$1,600	\$0	\$0	\$0	\$0	\$0	\$0	\$12,800	\$0	\$51,200	\$64,000	
	12 Airport/Air Travel Element of LRTP	\$0	\$0	\$400	\$1,600	\$0	\$0	\$0	\$0	\$0	\$0	\$400	\$0	\$1,600	\$2,000	
	13 Collector Street Element of LRTP	\$1,000	\$4,000	\$1,000	\$4,000	\$0	\$0	\$0	\$0	\$0	\$0	\$2,000	\$0	\$8,000	\$10,000	
	14 Rail, Water or other mode of LRTP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	15 Freight Movement/Mobility Planning	\$400	\$1,600	\$800	\$3,200	\$0	\$0	\$0	\$0	\$0	\$0	\$1,200	\$0	\$4,800	\$6,000	
	16 Financial Planning	\$0	\$0	\$1,800	\$7,200	\$0	\$0	\$0	\$4,540	\$4,540	\$36,320	\$6,340	\$4,540	\$43,520	\$54,400	
	17 Congestion Management Strategies	\$56,000	\$224,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$56,000	\$0	\$224,000	\$280,000	
	18 Air Qual. Planning/Conformity Anal.	\$1,600	\$6,400	\$3,378	\$13,512	\$0	\$0	\$0	\$0	\$0	\$0	\$4,978	\$0	\$19,912	\$24,890	
II C	Short Range Transit Planning															
	1 Short Range Transit Planning	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
III-A	Planning Work Program															
	Planning Work Program	\$2,000	\$8,000	\$10,900	\$43,600	\$0	\$0	\$0	\$0	\$0	\$0	\$12,900	\$0	\$51,600	\$64,500	
III-B	Transp. Improvement Plan															
	TIP	\$2,400	\$9,600	\$13,600	\$54,400	\$0	\$0	\$0	\$0	\$0	\$0	\$16,000	\$0	\$64,000	\$80,000	
III-C	Cvl Rgts. Cmp./Otr .Reg. Reqs.															
	1 Title VI	\$1,800	\$7,200	\$4,912	\$19,648	\$0	\$0	\$0	\$0	\$0	\$0	\$6,712	\$0	\$26,848	\$33,560	
	2 Environmental Justice	\$800	\$3,200	\$2,420	\$9,680	\$0	\$0	\$0	\$0	\$0	\$0	\$3,220	\$0	\$12,880	\$16,100	
	3 Minority Business Enterprise	\$800	\$3,200	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$800	\$0	\$3,200	\$4,000	
	4 Planning for the Elderly & Disabled	\$800	\$3,200	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$800	\$0	\$3,200	\$4,000	
	5 Safety/Drug Control Planning	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	6 Public Involvement	\$13,400	\$53,600	\$3,274	\$13,096	\$0	\$0	\$0	\$0	\$0	\$0	\$16,674	\$0	\$66,696	\$83,370	
	7 Private Sector Participation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
III-D	Incidental Plng./Project Dev.															
	1 Transportation Enhancement Plng.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	2 Enviro. Analysis & Pre-TIP Plng.	\$9,800	\$39,200	\$2,900	\$11,600	\$0	\$0	\$0	\$0	\$0	\$0	\$12,700	\$0	\$50,800	\$63,500	
	3 Special Studies	\$56,000	\$224,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$56,000	\$0	\$224,000	\$280,000	
	4 Regional or Statewide Planning	\$9,400	\$37,600	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$9,400	\$0	\$37,600	\$47,000	
III-E	Management & Operations															
	1 Management & Operations	\$49,277	\$197,107	\$18,573	\$74,293	\$5,527	\$5,527	\$44,213	\$58,056	\$58,056	\$464,446	\$131,432	\$63,582	\$780,059	\$975,074	
	Totals	\$331,263	\$1,325,051	\$102,861	\$411,445	\$13,999	\$13,999	\$111,988	\$63,716	\$63,716	\$509,724	\$511,838	\$77,714	\$2,358,208	\$2,947,760	

**Durham-Chapel Hill-Carrboro Urban Area
FY 2012-2013 Unified Planning Work Program
Funding Distribution by Agency Funding Sources**

TCC 1/25/2012 Attachment 10A

Town of Chapel Hill

	Task Description	STP-DA 133(b)(3)(7)		Sec. 104(f) PL		Section 5303 Highway/Transit			Section 5307 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	NCDOT	Federal	Total	
II-A	Surveillance of Change															
1	Traffic Volume Counts	\$0	\$0	\$600	\$2,400	\$0	\$0	\$0	\$0	\$0	\$0	\$600	\$0	\$2,400	\$3,000	
2	Vehicle Miles of Travel	\$0	\$0	\$0	\$0	\$100	\$100	\$800	\$0	\$0	\$0	\$100	\$100	\$800	\$1,000	
3	Street System Changes	\$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	
5	Transit System Data	\$0	\$0	\$0	\$0	\$200	\$200	\$1,600	\$3,125	\$3,125	\$25,000	\$3,325	\$3,325	\$26,600	\$33,250	
6	Dwelling Unit, Pop. & Emp. Change	\$0	\$0	\$400	\$1,600	\$100	\$100	\$800	\$0	\$0	\$0	\$500	\$100	\$2,400	\$3,000	
7	Air Travel	\$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	
9	Travel Time Studies	\$0	\$0	\$0	\$0	\$200	\$200	\$1,600	\$0	\$0	\$0	\$200	\$200	\$1,600	\$2,000	
10	Mapping	\$0	\$0	\$2,000	\$8,000	\$3,000	\$3,000	\$24,000	\$0	\$0	\$0	\$5,000	\$3,000	\$32,000	\$40,000	
11	Central Area Parking Inventory	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
12	Bike & Ped. Facilities Inventory	\$0	\$0	\$600	\$2,400	\$0	\$0	\$0	\$0	\$0	\$0	\$600	\$0	\$2,400	\$3,000	
13	Bike & Ped. Counts	\$0	\$0	\$551	\$2,203	\$0	\$0	\$0	\$0	\$0	\$0	\$551	\$0	\$2,203	\$2,754	
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	
2	Collection of Network Data	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
3	Travel Model Updates	\$0	\$0	\$0	\$0	\$150	\$150	\$1,197	\$0	\$0	\$0	\$150	\$150	\$1,197	\$1,496	
4	Travel Surveys	\$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	
6	Community Goals & Objectives	\$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	
8	Capacity Deficiency Analysis	\$0	\$0	\$2,000	\$8,000	\$1,000	\$1,000	\$8,000	\$0	\$0	\$0	\$3,000	\$1,000	\$16,000	\$20,000	
9	Highway Element of th LRTP	\$0	\$0	\$400	\$1,600	\$0	\$0	\$0	\$0	\$0	\$0	\$400	\$0	\$1,600	\$2,000	
10	Transit Element of the LRTP	\$0	\$0	\$400	\$1,600	\$400	\$400	\$3,200	\$1,000	\$1,000	\$8,000	\$1,800	\$1,400	\$12,800	\$16,000	
11	Bicycle & Ped. Element of the LRTP	\$0	\$0	\$400	\$1,600	\$200	\$200	\$1,600	\$0	\$0	\$0	\$600	\$200	\$3,200	\$4,000	
12	Airport/Air Travel Element of LRTP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
13	Collector Street Element of LRTP	\$0	\$0	\$200	\$800	\$100	\$100	\$800	\$0	\$0	\$0	\$300	\$100	\$1,600	\$2,000	
14	Rail, Water or other mode of LRTP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
15	Freight Movement/Mobility Plannin	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
16	Financial Planning	\$0	\$0	\$400	\$1,600	\$500	\$500	\$4,000	\$0	\$0	\$0	\$900	\$500	\$5,600	\$7,000	
17	Congestion Management Strategies	\$0	\$0	\$600	\$2,400	\$500	\$500	\$4,000	\$0	\$0	\$0	\$1,100	\$500	\$6,400	\$8,000	
18	Air Qual. Planning/Conformity Ana	\$0	\$0	\$400	\$1,600	\$0	\$0	\$0	\$0	\$0	\$0	\$400	\$0	\$1,600	\$2,000	
II-C	Short Range Transit Planning															
1	Short Range Transit Planning	\$0	\$0	\$0	\$0	\$1,000	\$1,000	\$8,000	\$1,250	\$1,250	\$10,000	\$2,250	\$2,250	\$18,000	\$22,500	
III-A	Planning Work Program															
1	Planning Work Program	\$0	\$0	\$400	\$1,600	\$0	\$0	\$0	\$500	\$500	\$4,000	\$900	\$500	\$5,600	\$7,000	
III-B	Transp. Improvement Plan															
1	TIP	\$0	\$0	\$400	\$1,600	\$0	\$0	\$0	\$500	\$500	\$4,000	\$900	\$500	\$5,600	\$7,000	
III-C	Cvl Rgts. Cmp./Otr. Reg. Reqs.															
1	Title VI	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$500	\$500	\$4,000	\$500	\$500	\$4,000	\$5,000	
2	Environmental Justice	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
3	Minority Business Enterprise	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50	\$50	\$400	\$50	\$50	\$400	\$500	
4	Planning for the Elderly & Disabled	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000	\$1,000	\$8,000	\$1,000	\$1,000	\$8,000	\$10,000	
5	Safety/Drug Control Planning	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,500	\$1,500	\$12,000	\$1,500	\$1,500	\$12,000	\$15,000	
6	Public Involvement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$500	\$500	\$4,000	\$500	\$500	\$4,000	\$5,000	
7	Private Sector Participation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
III-D	Incidental Plng./Project Dev.															
1	Transportation Enhancement Plng.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
2	Enviro. Analysis & Pre-TIP Plng.	\$0	\$0	\$600	\$2,400	\$0	\$0	\$0	\$0	\$0	\$0	\$600	\$0	\$2,400	\$3,000	
3	Special Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,000	\$6,000	\$48,000	\$6,000	\$6,000	\$48,000	\$60,000	
4	Regional or Statewide Planning	\$0	\$0	\$3,000	\$12,000	\$3,000	\$3,000	\$24,000	\$5,300	\$5,300	\$42,400	\$11,300	\$8,300	\$78,400	\$98,000	
III-E	Management & Operations															
1	Management & Operations	\$0	\$0	\$4,000	\$16,000	\$3,000	\$3,000	\$24,000	\$23,775	\$23,775	\$190,200	\$30,775	\$26,775	\$230,200	\$287,750	
	Totals	\$0	\$0	\$17,351	\$69,404	\$13,450	\$13,450	\$107,596	\$45,000	\$45,000	\$360,000	\$75,801	\$58,450	\$537,000	\$671,250	

**Durham-Chapel Hill-Carrboro Urban Area
 FY 2012-2013 Unified Planning Work Program
 Funding Distribution by Agency Funding Sources**

TCC 1/25/2012 Attachment 10A

Town of Carrboro

	Task Description	STP-DA		Sec. 104(f)		Section 5303			Section 5307			Task Funding Summary				
		133(b)(3)(7)		PL		Highway/Transit			Transit			Local	NCDOT	Federal	Total	
		Local	FHWA	Local	FHWA	Local	NCDOT	FTA	Local	NCDOT	FTA					
		20%	80%	20%	80%	10%	10%	80%	10%	10%	80%					
II-A	Surveillance of Change															
1	Traffic Volume Counts	\$0	\$0	\$146	\$584	\$0	\$0	\$0	\$0	\$0	\$0	\$146	\$0	\$584	\$730	
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	\$72	\$288	\$0	\$0	\$0	\$0	\$0	\$0	\$72	\$0	\$288	\$360	
5	Transit System Data	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
6	Dwelling Unit, Pop. & Emp. Change	\$0	\$0	\$102	\$408	\$0	\$0	\$0	\$0	\$0	\$0	\$102	\$0	\$408	\$510	
7	Air Travel	\$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	
9	Travel Time Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
10	Mapping	\$0	\$0	\$418	\$1,672	\$0	\$0	\$0	\$0	\$0	\$0	\$418	\$0	\$1,672	\$2,090	
11	Central Area Parking Inventory	\$0	\$0	\$88	\$352	\$0	\$0	\$0	\$0	\$0	\$0	\$88	\$0	\$352	\$440	
12	Bike & Ped. Facilities Inventory	\$0	\$0	\$36	\$144	\$0	\$0	\$0	\$0	\$0	\$0	\$36	\$0	\$144	\$180	
13	Bike & Ped. Counts	\$0	\$0	\$88	\$352	\$0	\$0	\$0	\$0	\$0	\$0	\$88	\$0	\$352	\$440	
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	
2	Collection of Network Data	\$0	\$0	\$72	\$288	\$0	\$0	\$0	\$0	\$0	\$0	\$72	\$0	\$288	\$360	
3	Travel Model Updates	\$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	
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	\$144	\$576	\$0	\$0	\$0	\$0	\$0	\$0	\$144	\$0	\$576	\$720	
7	Forecast of Future Travel Patterns	\$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	
9	Highway Element of th LRTP	\$0	\$0	\$146	\$584	\$0	\$0	\$0	\$0	\$0	\$0	\$146	\$0	\$584	\$730	
10	Transit Element of the LRTP	\$0	\$0	\$146	\$584	\$0	\$0	\$0	\$0	\$0	\$0	\$146	\$0	\$584	\$730	
11	Bicycle & Ped. Element of the LRTP	\$0	\$0	\$108	\$432	\$0	\$0	\$0	\$0	\$0	\$0	\$108	\$0	\$432	\$540	
12	Airport/Air Travel Element of LRTP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
13	Collector Street Element of LRTP	\$0	\$0	\$108	\$432	\$0	\$0	\$0	\$0	\$0	\$0	\$108	\$0	\$432	\$540	
14	Rail, Water or other mode of LRTP	\$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	
16	Financial Planning	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
17	Congestion Management Strategies	\$0	\$0	\$290	\$1,160	\$0	\$0	\$0	\$0	\$0	\$0	\$290	\$0	\$1,160	\$1,450	
18	Air Qual. Planning/Conformity Anal.	\$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	\$0	\$0	\$254	\$1,016	\$0	\$0	\$0	\$0	\$0	\$0	\$254	\$0	\$1,016	\$1,270	
											\$0	\$0	\$0	\$0	\$0	
III-A	Planning Work Program															
	Planning Work Program	\$0	\$0	\$324	\$1,296	\$0	\$0	\$0	\$0	\$0	\$0	\$324	\$0	\$1,296	\$1,620	
											\$0	\$0	\$0	\$0	\$0	
III-B	Transp. Improvement Plan															
	TIP	\$0	\$0	\$582	\$2,328	\$0	\$0	\$0	\$0	\$0	\$0	\$582	\$0	\$2,328	\$2,910	
											\$0	\$0	\$0	\$0	\$0	
III-C	Cvl Rgts. Cmp./Otr .Reg. Reqs.															
1	Title VI	\$0	\$0	\$36	\$144	\$0	\$0	\$0	\$0	\$0	\$0	\$36	\$0	\$144	\$180	
2	Environmental Justice	\$0	\$0	\$108	\$432	\$0	\$0	\$0	\$0	\$0	\$0	\$108	\$0	\$432	\$540	
3	Minority Business Enterprise	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
4	Planning for the Elderly & Disabled	\$0	\$0	\$72	\$288	\$0	\$0	\$0	\$0	\$0	\$0	\$72	\$0	\$288	\$360	
5	Safety/Drug Control Planning	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
6	Public Involvement	\$0	\$0	\$402	\$1,608	\$0	\$0	\$0	\$0	\$0	\$0	\$402	\$0	\$1,608	\$2,010	
7	Private Sector Participation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
III-D	Incidental Plng./Project Dev.															
1	Transportation Enhancement Plng.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
2	Enviro. Analysis & Pre-TIP Plng.	\$0	\$0	\$108	\$432	\$0	\$0	\$0	\$0	\$0	\$0	\$108	\$0	\$432	\$540	
3	Special Studies	\$0	\$0	\$486	\$1,944	\$0	\$0	\$0	\$0	\$0	\$0	\$486	\$0	\$1,944	\$2,431	
4	Regional or Statewide Planning	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
III-E	Management & Operations															
1	Management & Operations	\$0	\$0	\$2,298	\$9,194	\$0	\$0	\$0	\$0	\$0	\$0	\$2,298	\$0	\$9,194	\$11,492	
Totals		\$0	\$0	\$6,635	\$26,538	\$0	\$0	\$0	\$0	\$0	\$0	\$6,635	\$0	\$26,538	\$33,173	

**Durham-Chapel Hill-Carrboro Urban Area
 FY 2012-2013 Unified Planning Work Program
 Funding Distribution by Agency Funding Sources**

TCC 1/25/2012 Attachment 10A

Triangle J COG

	Task Description	STP-DA 133(b)(3)(7)		Sec. 104(f) PL		Section 5303 Highway/Transit			Section 5307 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	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
	2 Vehicle Miles of Travel	\$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
	4 Traffic Accidents	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	5 Transit System Data	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	6 Dwelling Unit, Pop. & Emp. Change	\$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
	8 Vehicle Occupancy Rates	\$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
	10 Mapping	\$0	\$0	\$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	\$0	\$0
	12 Bike & Ped. Facilities Inventory	\$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
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
	2 Collection of Network Data	\$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
	4 Travel Surveys	\$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
	6 Community Goals & Objectives	\$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
	8 Capacity Deficiency Analysis	\$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
	10 Transit Element of the LRTP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	11 Bicycle & Ped. Element of the LRTP	\$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
	13 Collector Street Element of LRTP	\$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
	15 Freight Movement/Mobility Planning	\$0	\$0	\$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	\$0	\$0
	17 Congestion Management Strategies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	18 Air Qual. Planning/Conformity Anal	\$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	\$0	\$0	\$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	\$0	\$0	\$0	\$0	\$0	\$0	\$0
III-B	Transp. Improvement Plan															
	1 TIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
III-C	Cvl Rgts. Cmp./Otr .Reg. Reqs.															
	1 Title VI	\$0	\$0	\$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	\$0	\$0
	3 Minority Business Enterprise	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	4 Planning for the Elderly & Disabled	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	5 Safety/Drug Control Planning	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	6 Public Involvement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	7 Private Sector Participation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
III-D	Incidental Plng./Project Dev.															
	1 Transportation Enhancement Plng.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	2 Enviro. Analysis & Pre-TIP Plng.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	3 Special Studies	\$5,000	\$20,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,000	\$0	\$20,000	\$25,000	\$25,000
	4 Regional or Statewide Planning	\$7,071	\$28,285	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,071	\$0	\$28,285	\$35,356	\$35,356
III-E	Management & Operations															
	1 Management & Operations	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals		\$12,071	\$48,285	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$12,071	\$0	\$48,285	\$60,356	\$60,356

**Durham-Chapel Hill-Carrboro Urban Area
FY 2012-2013 Unified Planning Work Program
Funding Distribution by Agency Funding Sources**

TCC 1/25/2012 Attachment 10A

Chapel Hill Transit

	Task Description	Section 5303			Section 5307			FTA - Task Funding Summary			
		Highway/Transit			Transit			Local	NCDOT	Federal	Total
		Local 10%	NCDOT 10%	FTA 80%	Local 10%	NCDOT 10%	FTA 80%				
II A	Surveillance of Change										
	1 Traffic Volume Counts	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	2 Vehicle Miles of Travel	\$100	\$100	\$800	\$0	\$0	\$0	\$100	\$100	\$800	\$1,000
	3 Street System Changes	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	4 Traffic Accidents	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	5 Transit System Data	\$200	\$200	\$1,600	\$3,125	\$3,125	\$25,000	\$3,325	\$3,325	\$26,600	\$33,250
	6 Dwelling Unit, Pop. & Emp. Change	\$100	\$100	\$800	\$0	\$0	\$0	\$100	\$100	\$800	\$1,000
	7 Air Travel	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	8 Vehicle Occupancy Rates	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	9 Travel Time Studies	\$200	\$200	\$1,600	\$0	\$0	\$0	\$200	\$200	\$1,600	\$2,000
	10 Mapping	\$3,000	\$3,000	\$24,000	\$0	\$0	\$0	\$3,000	\$3,000	\$24,000	\$30,000
	11 Central Area Parking Inventory	\$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
	13 Bike & Ped. Counts	\$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
	2 Collection of Network Data	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	3 Travel Model Updates	\$150	\$150	\$1,197	\$0	\$0	\$0	\$150	\$150	\$1,197	\$1,496
	4 Travel Surveys	\$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
	6 Community Goals & Objectives	\$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
	8 Capacity Deficiency Analysis	\$1,000	\$1,000	\$8,000	\$0	\$0	\$0	\$1,000	\$1,000	\$8,000	\$10,000
	9 Highway Element of th LRTP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	10 Transit Element of the LRTP	\$400	\$400	\$3,200	\$1,000	\$1,000	\$8,000	\$1,400	\$1,400	\$11,200	\$14,000
	11 Bicycle & Ped. Element of the LRTP	\$200	\$200	\$1,600	\$0	\$0	\$0	\$200	\$200	\$1,600	\$2,000
	12 Airport/Air Travel Element of LRTP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	13 Collector Street Element of LRTP	\$100	\$100	\$800	\$0	\$0	\$0	\$100	\$100	\$800	\$1,000
	14 Rail, Water or other mode of LRTP	\$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
	16 Financial Planning	\$500	\$500	\$4,000	\$0	\$0	\$0	\$500	\$500	\$4,000	\$5,000
	17 Congestion Management Strategies	\$500	\$500	\$4,000	\$0	\$0	\$0	\$500	\$500	\$4,000	\$5,000
	18 Air Qual. Planning/Conformity Anal.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
II C	Short Range Transit Planning										
	1 Short Range Transit Planning	\$1,000	\$1,000	\$8,000	\$1,250	\$1,250	\$10,000	\$2,250	\$2,250	\$18,000	\$22,500
III-A	Planning Work Program	\$0	\$0	\$0	\$500	\$500	\$4,000	\$500	\$500	\$4,000	\$5,000
III-B	Transp. Improvement Plan	\$0	\$0	\$0	\$500	\$500	\$4,000	\$500	\$500	\$4,000	\$5,000
III-C	Cvl Rgts. Cmp./Otr .Reg. Reqs.										
	1 Title VI	\$0	\$0	\$0	\$500	\$500	\$4,000	\$500	\$500	\$4,000	\$5,000
	2 Environmental Justice	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	3 Minority Business Enterprise	\$0	\$0	\$0	\$50	\$50	\$400	\$50	\$50	\$400	\$500
	4 Planning for the Elderly & Disabled	\$0	\$0	\$0	\$1,000	\$1,000	\$8,000	\$1,000	\$1,000	\$8,000	\$10,000
	5 Safety/Drug Control Planning	\$0	\$0	\$0	\$1,500	\$1,500	\$12,000	\$1,500	\$1,500	\$12,000	\$15,000
	6 Public Involvement	\$0	\$0	\$0	\$500	\$500	\$4,000	\$500	\$500	\$4,000	\$5,000
	7 Private Sector Participation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
III-D	Incidental Plng./Project Dev.										
	1 Transportation Enhancement Plng.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	2 Enviro. Analysis & Pre-TIP Plng.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	3 Special Studies	\$0	\$0	\$0	\$6,000	\$6,000	\$48,000	\$6,000	\$6,000	\$48,000	\$60,000
	4 Regional or Statewide Planning	\$3,000	\$3,000	\$24,000	\$5,300	\$5,300	\$42,400	\$8,300	\$8,300	\$66,400	\$83,000
III E	Management & Operations										
	1 Management & Operations	\$3,000	\$3,000	\$24,000	\$23,775	\$23,775	\$190,200	\$26,775	\$26,775	\$214,200	\$267,750
	Totals	\$13,450	\$13,450	\$107,597	\$45,000	\$45,000	\$360,000	\$58,450	\$58,450	\$467,597	\$584,496

Durham-Chapel Hill-Carrboro Urban Area
FY 2012-2013 Unified Planning Work Program
Funding Distribution by Agency Funding Sources

TCC 1/25/2012 Attachment 10A

Durham Area Transit Authority

	Task Description	Section 5303			Section 5307			FTA - Task Funding Summary			
		Highway/Transit			Transit			Local	NCDOT	Federal	Total
		Local 10%	NCDOT 10%	FTA 80%	Local 10%	NCDOT 10%	FTA 80%				
II A	Surveillance of Change										
	1 Traffic Volume Counts	\$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
	3 Street System Changes	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	4 Traffic Accidents	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	5 Transit System Data	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	6 Dwelling Unit, Pop. & Emp. Change	\$8,472	\$8,472	\$67,775	\$1,120	\$1,120	\$8,958	\$9,592	\$9,592	\$76,733	\$95,916
	7 Air Travel	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	8 Vehicle Occupancy Rates	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	9 Travel Time Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	10 Mapping	\$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
	12 Bike & Ped. Facilities Inventory	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	13 Bike & Ped. Counts	\$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
	2 Collection of Network Data	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	3 Travel Model Updates	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	4 Travel Surveys	\$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
	6 Community Goals & Objectives	\$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
	8 Capacity Deficiency Analysis	\$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
	10 Transit Element of the LRTP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	11 Bicycle & Ped. Element of the LRTP	\$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
	13 Collector Street Element of LRTP	\$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
	15 Freight Movement/Mobility Planning	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	16 Financial Planning	\$0	\$0	\$0	\$4,540	\$4,540	\$36,320	\$4,540	\$4,540	\$36,320	\$45,400
	17 Congestion Management Strategies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	18 Air Qual. Planning/Conformity Anal.	\$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
III-A	Planning Work Program	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
III-B	Transp. Improvement Plan	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
III-C	Cvl Rgts. Cmp./Otr .Reg. Reqs.										
	1 Title VI	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	2 Environmental Justice	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	3 Minority Business Enterprise	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	4 Planning for the Elderly & Disabled	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	5 Safety/Drug Control Planning	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	6 Public Involvement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	7 Private Sector Participation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
III-D	Incidental Plng./Project Dev.										
	1 Transportation Enhancement Plng.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	2 Enviro. Analysis & Pre-TIP Plng.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	3 Special Studies	\$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
III-E	Management & Operations										
	1 Management & Operations	\$5,527	\$5,527	\$44,213	\$58,056	\$58,056	\$464,446	\$63,582	\$63,582	\$508,659	\$635,824
	Totals	\$13,999	\$13,999	\$111,988	\$63,716	\$63,716	\$509,724	\$77,714	\$77,714	\$621,712	\$777,140

**Durham-Chapel Hill-Carrboro Urban Area
FY 2012-2013 Unified Planning Work Program
Funding Distribution by Agency Funding Sources**

TCC 1/25/2012 Attachment 10A

Triangle Transit Authority (TTA)

	Task Description	Section 5303 Highway/Transit			Section 5307 Transit			Task Funding Summary				
		Local 10%	NCDOT 10%	FTA 80%	Local 10%	NCDOT 10%	FTA 80%	Local	NCDOT	Federal	Total	
II A	Surveillance of Change											
	1 Traffic Volume Counts	\$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	
	3 Street System Changes	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	4 Traffic Accidents	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	5 Transit System Data	\$0	\$0	\$0	\$7,500	\$7,500	\$60,000	\$7,500	\$7,500	\$60,000	\$75,000	
	6 Dwelling Unit, Pop. & Emp. Change	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	7 Air Travel	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	8 Vehicle Occupancy Rates	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	9 Travel Time Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	10 Mapping	\$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	
	12 Bike & Ped. Facilities Inventory	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	13 Bike & Ped. Counts	\$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	
	2 Collection of Network Data	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	3 Travel Model Updates	\$0	\$0	\$0	\$11,250	\$11,250	\$90,000	\$11,250	\$11,250	\$90,000	\$112,500	
	4 Travel Surveys	\$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	
	6 Community Goals & Objectives	\$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	
	8 Capacity Deficiency Analysis	\$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	
	10 Transit Element of the LRTP	\$0	\$0	\$0	\$2,188	\$2,188	\$17,500	\$2,188	\$2,188	\$17,500	\$21,875	
	11 Bicycle & Ped. Element of the LRTP	\$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	
	13 Collector Street Element of LRTP	\$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	
	15 Freight Movement/Mobility Planning	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	16 Financial Planning	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	17 Congestion Management Strategies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	18 Air Qual. Planning/Conformity Anal.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
II C	Short Range Transit Planning											
	1 Short Range Transit Planning	\$0	\$0	\$0	\$43,438	\$43,438	\$347,500	\$43,438	\$43,438	\$347,500	\$434,375	
III-A	Planning Work Program											
	Planning Work Program	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
III-B	Transp. Improvement Plan											
	TIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
III-C	Cvl Rgts. Cmp./Otr .Reg. Reqs.											
	1 Title VI	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	2 Environmental Justice	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	3 Minority Business Enterprise	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	4 Planning for the Elderly & Disabled	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	5 Safety/Drug Control Planning	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	6 Public Involvement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	7 Private Sector Participation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
III-D	Incidental Plng./Project Dev.											
	1 Transportation Enhancement Plng.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	2 Enviro. Analysis & Pre-TIP Plng.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	3 Special Studies	\$0	\$0	\$0	\$42,500	\$42,500	\$340,000	\$42,500	\$42,500	\$340,000	\$425,000	
	4 Regional or Statewide Planning	\$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	\$0	\$0	
Totals		\$0	\$0	\$0	\$106,875	\$106,875	\$855,000	\$106,875	\$106,875	\$855,000	\$1,068,750	

**A RESOLUTION SUPPORTING AN NCDOT BICYCLE PLANNING GRANT
APPLICATION BY THE TOWN OF CHAPEL HILL**

February 8, 2012

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

WHEREAS, the North Carolina Department of Transportation has issued a call for projects for the 2012 Bicycle and Pedestrian Planning Grant Initiative; and

WHEREAS, the Town of Chapel Hill has a long history of developing bicycle facilities and is recognized by the League of American Bicyclists as a Bicycle Friendly Community; and

WHEREAS, the Town of Chapel Hill adopted a Bicycle and Pedestrian Plan in 2004 (updated in 2005) and is in the process of updating the Town's Comprehensive Plan, "Chapel Hill 2020"; and

WHEREAS, the Chapel Hill Town Council and the Chapel Hill Bicycle and Pedestrian Advisory Board recognize that an update of the 2004 bicycle plan will help the Town in achieving its' goals and qualifies as a project under the NCDOT grant initiative; and

BE IT THEREFORE RESOLVED that the Durham-Chapel Hill-Carrboro Metropolitan Planning Organization Transportation Advisory Committee endorses the Town of Chapel Hill's 2012 North Carolina Department of Transportation Bicycle and Pedestrian Planning Grant Application for the Development of a Comprehensive Bicycle Plan, provided here on this, the 8th day of February, 2012.

Lydia E. Lavelle, TAC Chair

Durham County, North Carolina

I certify that Lydia E. Lavelle personally appeared before me this day acknowledging to me that she signed the forgoing document.

Date: February 8, 2012

Frederick Brian Rhodes, Notary Public
My commission expires: May 10, 2015



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

BEVERLY EAVES PERDUE
GOVERNOR

EUGENE A. CONTI, JR.
SECRETARY

January 19, 2012

Felix Nwoko
Durham-Chapel Hill-Carrboro MPO
101 City Plaza, 4th Floor
Durham, North Carolina 27701-3329

Dear Mr. Nwoko,

Subject: Functional Classification System within the Durham Chapel Hill-Carrboro MPO

The North Carolina Department of Transportation (NCDOT) is proposing to revise the Functional Classification System for Durham County within your MPO. The Transportation Planning Branch is responsible for the revisions and would like to advise you of the changes that have been proposed for your area.

Proposed Functional Classification revisions and mileage for STIP Project No. U-4763B:

1. Add a Freeway/Expressway designation to the new tolled section of NC 147 between SR 2145 and the interchange of SR 1639 (Kit Creek Road) and Toll NC 540 (2.6 miles)
2. Change the designation of SR 2145 between I-40 and the new tolled section of NC 147 from Principal Arterial to Freeway/Expressway (0.4 mile)
3. Change the designation of SR 2028 (T.W. Alexander Dr.) between SR 2145 and NC 54 from Principal Arterial to Collector (0.3 mile)
4. Remove the Principal Arterial designation of SR 2145 between SR 2028 (T.W. Alexander Dr.) to the new tolled section of NC 147 (0.2 mile). This section of roadway has been closed and the pavement removed.

Functional Classification is the process by which streets and highways are grouped into classes, or systems, according to the character of service they are intended to provide. Functional classification is used primarily for assessing the extent, conditions, and performance of the highway system; as a planning tool for planning activities including Section 134 planning requirements; for appropriation of funds; and to establish jurisdictional responsibility and design criteria.

MAILING ADDRESS:
NC DEPARTMENT OF TRANSPORTATION
TRANSPORTATION PLANNING BRANCH
1554 MAIL SERVICE CENTER
RALEIGH NC 27699-1554

NCDOT T P B
TRANSPORTATION PLANNING BRANCH
www.NCDOT.ORG

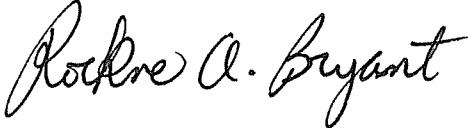
LOCATION:
TRANSPORTATION BUILDING
1 SOUTH WILMINGTON STREET
RALEIGH, NC 27601
Phone: 919-733-4705
Fax: 919-733-4705

The current update is proposed primarily due to the completion of STIP Project U-4763B and the facility is now open to traffic.

Prior to submission of the revised Functional Classification System, the proposed change must be approved by the MPO. NCDOT requires two copies of a resolution stating the system has been coordinated with local officials. Enclosed is a sample response resolution you may wish to use or tailor to your needs.

If you have any questions, you may reach me at 919-707-0962 or by email at rbryant@ncdot.gov.

Sincerely,



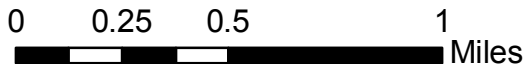
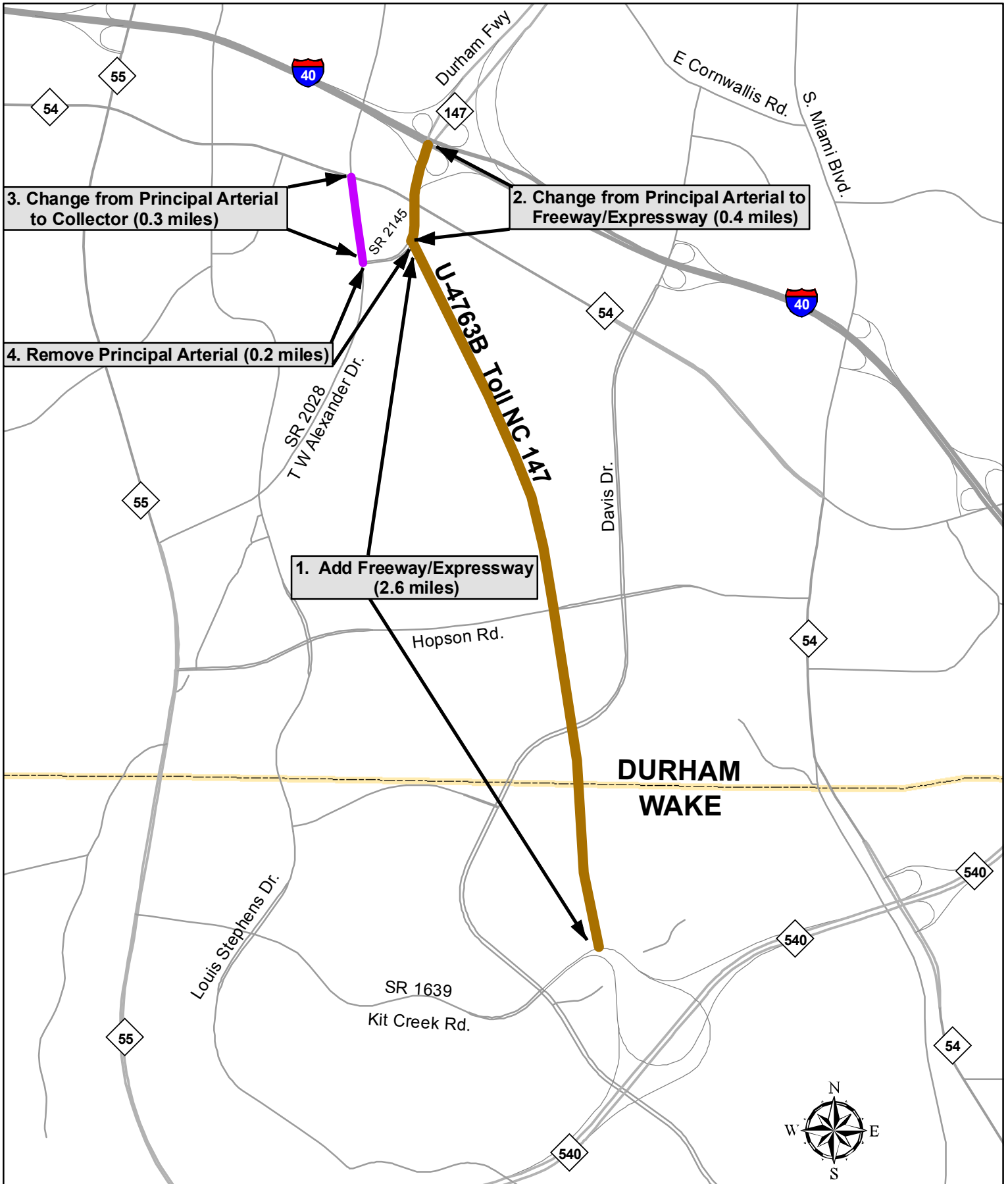
Rockne A. Bryant
Transportation Engineer
Transportation Planning Branch

Encl.

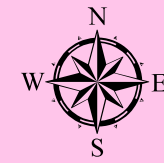
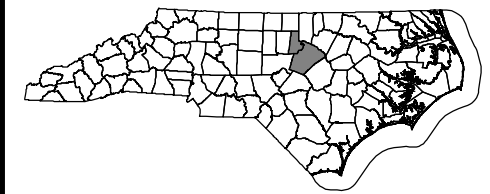
cc: Chuck Watts, NCDOT-Board of Transportation Member
J. Wally Bowman, PE, NCDOT-Division 5 Engineer
Terry Arellano, PE, NCDOT-Transportation Planning Branch
Julie Bollinger, PE, NCDOT-Transportation Planning Branch

Functional Classification Update Request

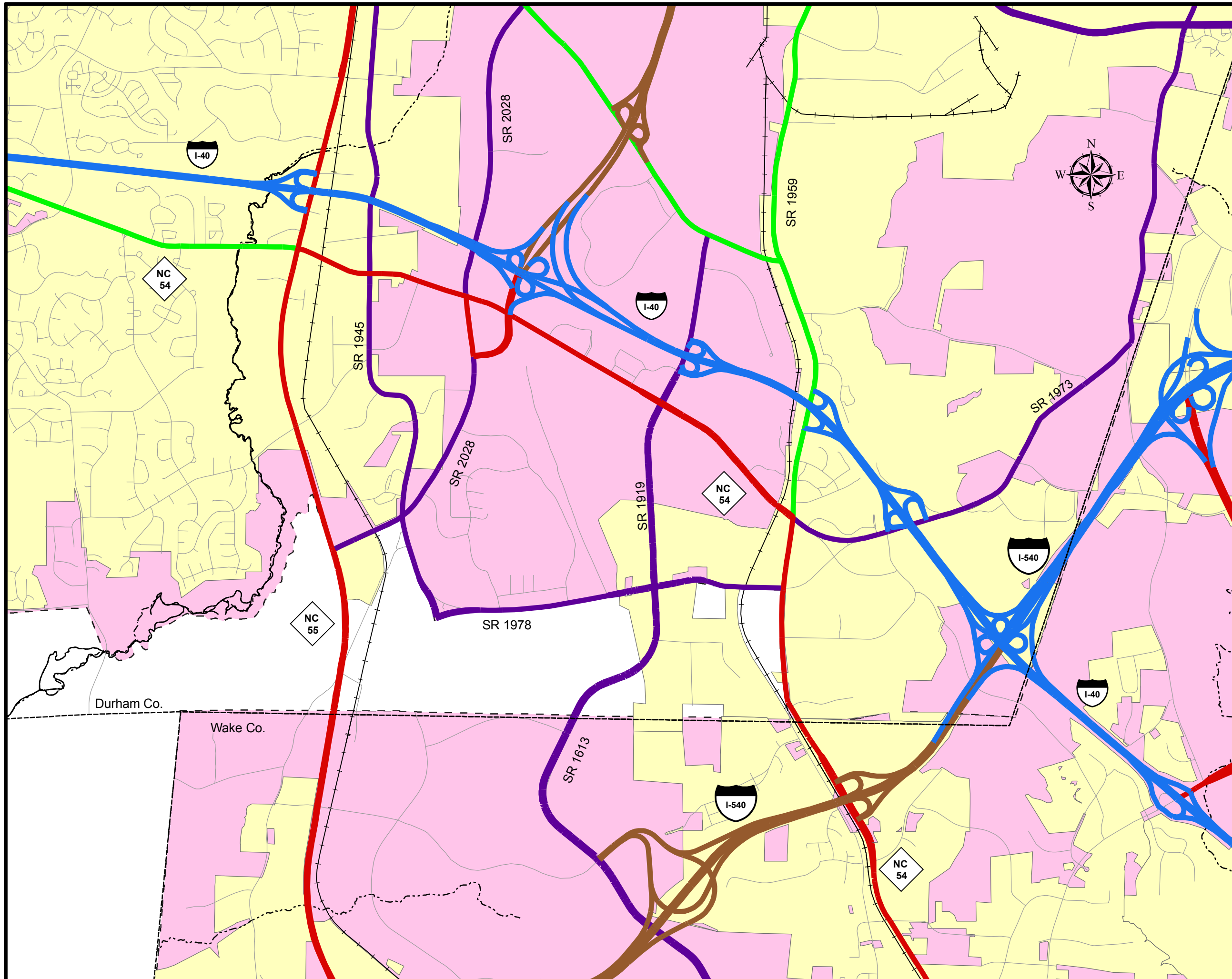
STIP Project U-4763B - Toll NC 147 in Wake and Durham Counties



EXISTING MAP



LEGEND	
	INTERSTATE
	FUTURE INTERSTATE
	FREEWAY/EXPRESSWAY
	FUTURE FREEWAY/EXPRESSWAY
	OTHER PRINCIPAL ARTERIAL
	FUTURE OTHER PRINCIPAL ARTERIAL
	MINOR ARTERIAL
	FUTURE MINOR ARTERIAL
	MAJOR COLLECTOR
	FUTURE MAJOR COLLECTOR
	MINOR COLLECTOR
	FUTURE MINOR COLLECTOR
	EXISTING URBAN AREA
	SMOOTHED AREA



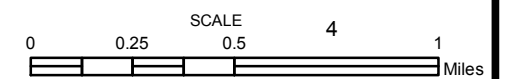
**DCHC MPO
CITY OF DURHAM**

DURHAM COUNTY

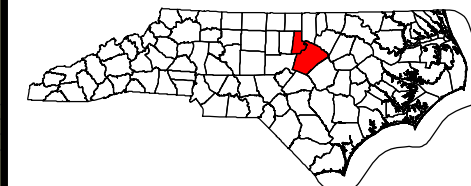
NORTH CAROLINA

PREPARED BY
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
TRANSPORTATION PLANNING BRANCH

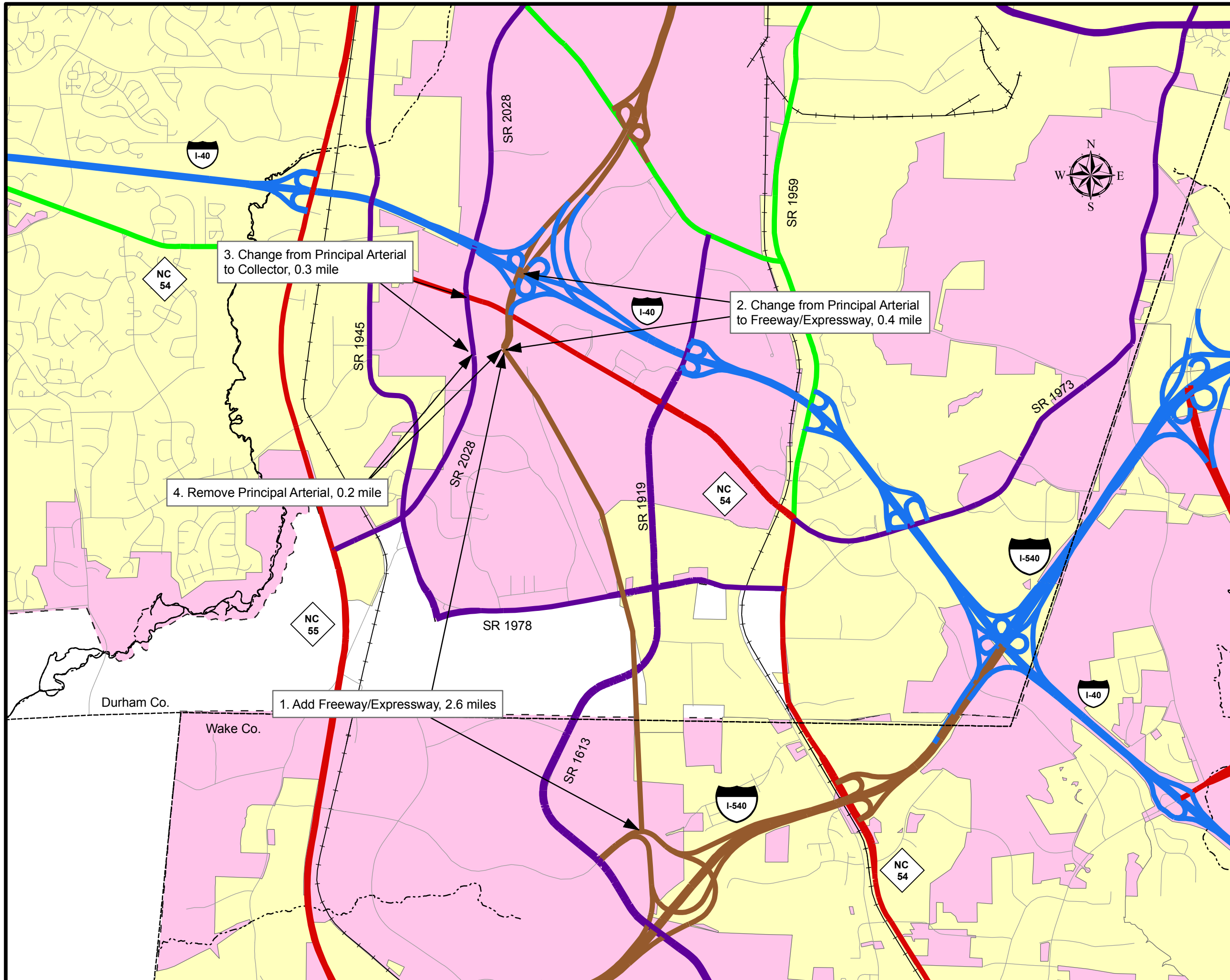
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION



PROPOSED MAP



LEGEND	
	INTERSTATE
	FUTURE INTERSTATE
	FREEWAY/EXPRESSWAY
	FUTURE FREEWAY/EXPRESSWAY
	OTHER PRINCIPAL ARTERIAL
	FUTURE OTHER PRINCIPAL ARTERIAL
	MINOR ARTERIAL
	FUTURE MINOR ARTERIAL
	MAJOR COLLECTOR
	FUTURE MAJOR COLLECTOR
	MINOR COLLECTOR
	FUTURE MINOR COLLECTOR
	EXISTING URBAN AREA
	SMOOTHED AREA



DCHC MPO APPROVAL DATE / MAP DATE:

FHWA APPROVAL:

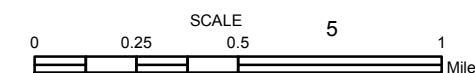
**DCHC MPO
CITY OF DURHAM**

DURHAM COUNTY

NORTH CAROLINA

PREPARED BY
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
TRANSPORTATION PLANNING BRANCH

IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION



RESOLUTION TO ENDORSE FUNCTIONAL CLASSIFICATION REVISIONS FOR U-4763B

February 8, 2012

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

WHEREAS, the Durham-Chapel Hill-Carrboro Metropolitan Planning Organization Transportation Advisory Committee supports the functional classification of the new tolled segment of NC 147 (U-4763B) from SR 2145 (NC 147 spur) to NC 540 as a Freeway/Expressway; and

WHEREAS, the TAC also supports revising the functional classification of SR 2145 (NC 147 spur) from I-40 to the new tolled segment of NC 147 from Principal Arterial to Freeway/Expressway; and

WHEREAS, the TAC also supports revising the functional classification of SR 2028 (T.W. Alexander Dr.) between SR 2145 (NC 147 spur) and NC 54 from Principal Arterial to Collector; and

WHEREAS, the TAC also supports removing the functional classification of SR 2145 (NC 147 spur) between SR 2028 (T.W. Alexander Dr.) and the new tolled segment of NC 147; and

WHEREAS, the changes to the functional classifications will be used as a planning tool by the North Carolina Department of Transportation and the Durham-Chapel Hill-Carrboro Metropolitan Planning Organization; and

WHEREAS, the changes to the functional classifications will also be used for future funding eligibility purposes;

BE IT THEREFORE RESOLVED that the Durham-Chapel Hill-Carrboro Metropolitan Planning Organization Transportation Advisory Committee endorses the proposed functional classification revision to add the new tolled segment of NC 147 (U-4763B) from SR 2145 (NC 147 spur) to NC 540 as a Freeway/Expressway, change SR 2145 (NC 147 spur) from I-40 to the new tolled segment of NC 147 from Principal Arterial to Freeway/Expressway, change SR 2028 (T.W. Alexander Dr.) between SR 2145 (NC 147 spur) and NC 54 from Principal Arterial to Collector, and remove the functional classification of SR 2145 (NC 147 spur) between SR 2028 (T.W. Alexander Dr.) and the new tolled segment of NC 147 provided here on this, the 8th day of February, 2012.

Lydia E. Lavelle, TAC Chair

Durham County, North Carolina

I certify that Lydia E. Lavelle personally appeared before me this day acknowledging to me that she signed the forgoing document.

Date: February 8, 2012

Frederick Brian Rhodes, Notary Public
My commission expires: May 10, 2015

Funding Availability (Adjusted to Obligation Limitation)

	COLUMN A	COLUMN B	(COLUMN A + COLUMN B) COLUMN C	(COLUMN C x 87%) COLUMN D	COLUMN E	(COLUMN D - COLUMN E) COLUMN F
DCHC MPO- STPDA	* 2011 CFY Carry Forward	* CY 2012 Appropriations	* Total Appropriations	* Net Available Funding	* YTD Obligation	* Net Available Balance
TOTALS	6,526,600.00	2,374,450.00	8,901,050.00	7,743,913.50	235,919.00	7,507,994.50

Project Specific Obligation List

Date	WBS TIP Sub Num	Project Desc(Text33)	WBS element	Phase ID	Authorization date	System Status	WBS Closed Date	County Code	Fund	Obligated Amount	Expenditure Amount	Program Specific Obligated Amount	Program Specific Expenditure Amount	
12/15/2011	U-4726DC	CARRBORO - WILSON PARK MULTI-USE PATH	36268.3.4	U-4726DC - CON - CARRBORO	Construction	11/21/11	REL	#	ORANGE 1500/2731 L23ED	STP >200K POP-DURHAM-SAFETEA LU EXT	\$ 151,816	\$ -	\$ 151,816	0.00
12/22/2011	EB-4707	DURHAM - SR 1838/SR 2220 (OLD DURHAM/CHAPEL HILL ROAD)FROM S	38664.1.1	EB-4707 - PE - BICYCLE IMPROVEMENTS	Prel Engr	6/12/08	REL ACPT	#	DURHAM 1500/2731 L23ED	STP >200K POP-DURHAM-SAFETEA LU EXT	\$ 112,224	\$ 52,629	\$ 112,224	52,628.99
1/3/2012	EL-4995	CHAPEL HILL - DRY CREEK GREENWAY FROM PERRY CREEK ROAD TO PR	40764.1.1	CLOSED EL-4995 - PE - DRY CREEK GREENWA	Prel Engr	11/27/07	CLSD ACPT	1/3/12	ORANGE 1500/2731 H230D	STP >200K POPULATION-DURHAM	\$ 35,879	\$ 35,879	\$ (28,121)	35,879.00

Total Obligated YTD: \$ 235,919.00

STP-DA TABLE

TCC 1/25/2012 Attachment 13

Jurisdiction	TIP No	TIP No2	Original Program Year	Extended Program Year	Programmed Funds	Obligation Amount	Project Phase/Type	Project Description	Distribution Source
Carrboro									
	EL-4828		2011	2012	\$374,120		<i>Construction</i>	Morgan Creek Greenway - Carrboro	Pre-2009
			2011	0	\$105,880	\$132,350	<i>Planning</i>	Morgan Creek Greenway - Carrboro	Pre-2009
	U-4726								
		DC	2010	0	\$151,816	\$151,816	<i>Construction</i>	Multi-use path from Wilson Park to Estes Drive	Local Discretionary
		DC	2010	0	\$16,868	\$16,868	<i>P.E.</i>	Multi-use path from Wilson Park to Estes Drive	Local Discretionary
		DE	2011	2012	\$531,000		<i>Construction</i>	Bolin Creek Greenway - Carrboro (Homestead to Chapel Hill HS Greenway)	Pre-2009
		Dx	2011	2012	\$214,700		<i>Construction</i>	Bolin Creek Greenway (Jones Creek)	Local Discretionary
		Dx	2011	2012	\$30,000		<i>Construction</i>	Bicycle Loop Detectors	Local Discretionary
		DE	2011	0	\$59,000	\$73,025	<i>P.E.</i>	Bolin Creek Greenway - Carrboro (Homestead to Chapel Hill HS Greenway)	Pre-2009
		DD	2011	0	\$65,000	\$67,025	<i>P.E.</i>	Rogers Road - Sidewalk (Homestead to Meadow Run)	Local Discretionary
		DD	2012	2012	\$363,960		<i>Construction</i>	Rogers Road - Sidewalk (Homestead to Meadow Run)	Local Discretionary

Jurisdiction	TIP No	TIP No2	Original Program Year	Extended Program Year	Programmed Funds	Obligation Amount	Project Phase/Type	Project Description	Distribution Source
		Dx	2012	2012	\$46,640		<i>Construction</i>	S. Greensboro St. - Sidewalk	Local Discretionary
		Dx	2013	2013	\$67,000		<i>Construction</i>	Bel Arbor-Plantation Acres Multi-use Path	Local Discretionary
Chapel Hill									
	EL-4995		2007		(\$28,121)	(\$28,121)	<i>P.E.</i>	Chapel Hill-Dry Creek Greenway from Perry Creek road to PR	Federal-MPO Allocation
	U-4726	IG	2011	2013	\$560,000		<i>Construction</i>	Morgan Creek Greenway - Chapel Hill	Post-Rescission
		P	2011	2012	\$108,000		<i>Construction</i>	CH-Culbreth Rd: Cobble Ridge to Rossburn sidewalk	Pre-2009
		Ix	2011	2012	\$32,000		<i>Construction</i>	CH-Chapel Hill Sidewalks	Pre-2009
		Ix	2011	2012	\$150,000		<i>Construction</i>	NC86/other locations of Pedestrian Safety Improvements	Local Discretionary
		Ix	2011	2012	(\$750,000)		<i>Construction</i>	Bolin Creek Greenway - Chapel Hill-funds used for Morgan Creek - Chapel Hill	Local Discretionary
		Ix	2011	2012	\$750,000		<i>Construction</i>	Bolin Creek Greenway - Chapel Hill	Local Discretionary
		Ix	2012	2013	\$150,000		<i>Construction</i>	NC86/other locations of Pedestrian Safety Improvements	Local Discretionary
		IF	2012	2013	\$100,000		<i>Construction</i>	Bolin Creek Stairs - Chapel Hill	Local Discretionary
		IG	2012	2013	\$750,000		<i>Construction</i>	Morgan Creek Greenway Phase 2 - Chapel Hill	Local Discretionary

Jurisdiction	TIP No	TIP No2	Original Program Year	Extended Program Year	Programmed Funds	Obligation Amount	Project Phase/Type	Project Description	Distribution Source
Chapel Hill Transit	U-5119		2012	2012	\$452,000		Construction	NC-86/US 15-501 BRT improvements	Local Discretionary
			2011	0	\$204,332	\$204,332	Capital	Chapel Hill Transit - Misc. Capital - Tires Purchase	Transit
			2010	2012	\$1,325,000	\$1,000,000	Capital	FCC Radio Communications (Upgrade fleet)	Post-Rescission
Durham	C-4928		2011	2012	\$44,649	\$44,649	Capital	Technology: Automatic Passenger Counters	Post-Rescission
			2011	2012	(\$325,000)	\$0	Capital	FCC Radio Communications (Upgrade fleet)-reclass to planning activities U-4727	Post-Rescission
			2010	2012	\$100,000		Planning	Morreene Road-Bike/Ped Facilities (Neal to Erwin)	Local Discretionary
Durham	E-2921e		2010	2012	\$1,148,000		Construction	Morreene Road-Bike/Ped Facilities (Neal to Erwin)	Local Discretionary
			2012	2014	(\$100,000)		Construction	Morreene Road-Bike/Ped Facilities (Neal to Erwin)	Local Discretionary
			2010	2012	\$4,135,377		Construction	American Tobacco Trail Phase E - Durham, Durham County	Regional Bike/Ped

Jurisdiction	TIP No	TIP No2	Original Program Year	Extended Program Year	Programmed Funds	Obligation Amount	Project Phase/Type	Project Description	Distribution Source
	SR-5001	C	2011	2012	\$200,800		<i>Construction</i>	Fayetteville Road (Cornwallis to Nelson) bicycle lanes and sidewalks	Post-Rescission
	U-3804		2010		\$64,915	\$64,935	<i>Construction</i>	Hillandale (I-85 to Carver) - Sidewalks	Post-Rescission
	U-4445		2010		\$800,000	\$400,000	<i>Construction</i>	NC 147 Bicycle/Pedestrian Bridge - Durham	Local Discretionary
	U-4724		2010	2014	(\$190,800)		<i>Construction</i>	Cornwallis Road - Bike/Ped Facilities (S. Roxboro to University or C. H.)	Local Discretionary
			2011	2012	\$255,000		<i>Planning/Design</i>	Cornwallis Road - Bike/Ped Facilities (S. Roxboro to University or C. H.)	Local Discretionary
			2012	2014	\$1,661,000		<i>Construction</i>	Cornwallis Road - Bike/Ped Facilities (S. Roxboro to University or C. H.)	Local Discretionary
	U-4726	HL	2010	2012	\$15,680		<i>Construction</i>	Barbee Rd. (Orindo to Pearstown Elementary) Sidewalk	Annual Reserve
		HL	2010	2012	\$15,840		<i>Construction</i>	DATA Sidewalk	Annual Reserve
		HO	2011	2012	\$255,000		<i>Planning/Design</i>	Carpenter Fletcher-Bike/Ped Facilities (Woodcroft to Alston)	Pre-2009
		HO	2012	2014	(\$76,000)		<i>Construction</i>	Carpenter Fletcher-Bike/Ped Facilities (Woodcroft to Alston)	Pre-2009
		HO	2012	2014	\$684,773		<i>Construction</i>	Carpenter Fletcher-Bike/Ped Facilities (Woodcroft to Alston)	Pre-2009
		HK	2012		\$157,858		<i>Planning/Design</i>	Hillandale-Bike/Ped Facilities (I-85 to Fulton)	Local Discretionary

Jurisdiction	TIP No	TIP No2	Original Program Year	Extended Program Year	Programmed Funds	Obligation Amount	Project Phase/Type	Project Description	Distribution Source
		Hx	2012		\$412,000		<i>Construction</i>	Avondale - Sidewalk (I-85 to Geer)	Local Discretionary
		Hx	2012		\$556,000		<i>Construction</i>	Cheek - Bike/Ped Facilities (Geer to Hardee)	Local Discretionary
		Hk	2014		\$125,685		<i>Construction</i>	Holloway Street Sidewalks	Pre-2009
		HK	2014		\$894,529		<i>Construction</i>	Hillandale-Bike/Ped Facilities (I-85 to Fulton)	Local Discretionary
		HK	2014		(\$96,000)		<i>Construction</i>	Hillandale-Bike/Ped Facilities (I-85 to Fulton)	Local Discretionary
Durham Area Transit									
		TA-4755	2009	0	\$2,592,000	\$2,592,000	<i>Capital</i>	Purchase 6 hybrid electric buses	Federal Appropriation
		TG-495	2009	0	\$86,274		<i>Capital</i>	Passenger amenities	State-MPO Allocation
		TT-5110	2011	2012	\$78,792	\$78,792	<i>Capital</i>	Technology: Automatic Passenger Counters	Post-Rescission
NCDOT									
		EB-4707	2010	2012	\$191,200		<i>ROW</i>	Old Durham-Chapel Hill Road-Chapel, Durham	Regional Bike/Ped

Jurisdiction	TIP No	TIP No2	Original Program Year	Extended Program Year	Programmed Funds	Obligation Amount	Project Phase/Type	Project Description	Distribution Source
			2011	2012	\$320,000		ROW	Old Durham-Chapel Hill Road-Chapel, Durham	Regional Bike/Ped
			2012	2013	\$0	\$112,224	Construction	Old Durham-Chapel Hill Road-Chapel, Durham	Regional Bike/Ped
			2012	2013	\$3,200,000		Construction	Old Durham-Chapel Hill Road-Chapel, Durham	Regional Bike/Ped

**Triangle
Transit**

TT-4911

			2011	2012	\$39,396	\$39,396	Capital	Technology: Automatic Passenger Counters	Post-Rescission
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MEMORANDUM

To: Transportation Advisory Committee (TAC)
DCHC MPO

From: DCHC MPO Lead Planning Agency

Date: January 11, 2012

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

This memorandum provides a summary status of tasks for projects in the FY 2010-2011 Unified Planning Work Program.

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

FY 2011/FY 2012 Unified Planning Work Program (UPWP) – Projects

Town of Carrboro Transportation Study/Main Street Road Diet

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

Town of Hillsborough Downtown Transportation Study

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

2040 Long Range Transportation Plan LRTP

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

Comprehensive Transportation Plan (CTP)

- Draft CTP – December 2011 – Depends on NCDOT Schedule
- Public Input

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

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

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

GIS/Data Integration and Automation

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

Land-use Model Development

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

MPO Parking Survey and Study (postponed)

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

- Council contract approval
- Project commences

MPO Community Viz. Scenarios Planning and Visualization

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

MPO Congestion Management Process CMP

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

MPO Safety and Security Plan

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

Update of the MPO Public Involvement consistent with Federal Certification Review

- ✓ Action Plan and schedule completed in September 2011

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

- ✓ Action Plan and schedule completed in September 2011

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

- ✓ Action Plan and schedule completed in September 2011

MPO Freight Plan and Integration

- ✓ Action Plan and schedule completed in September 2011

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

Contract Number: C202064 **Route:** SR-2028
Physical Division: 5 **County:** Durham
Administrative Division: 5 **TIP Number:** U-3309A
Length: 1.165 miles **Federal Aid Number:** STP-2028(4)
Resident Engineer: Cadmus Capehart, PE **RE Phone Number:** (919)840-0914
Location Description: SR-2028 (TW ALEXANDER DR) FROM CORNWALLIS RD TO EAST OF NC-147 IN DURHAM.
Type of Work: WIDENING, GRADING, DRAINAGE, PAVING & SIGNALS.
Contractor Name: GELDER AND ASSOCIATES, INC.
Contract Amount: \$6,502,648.68 **Cost Overrun/Underrun:** 5.28%
Availability Date: 2/1/2010 **Letting Date:** 12/15/2009
Completion Date: 8/15/2011 **Work Began:** 2/8/2010
Revised Completion Date: **Estimated Completion:** 4/30/2012
Last Estimate Thru: 11/30/2011 **Scheduled Progress:** 100%
Last Estimate Paid: 12/9/2011 **Actual Progress:** 86.17%

Contract Number: C202164 **Route:** SR-1959
Physical Division: 5 **County:** Durham
Administrative Division: 5 **TIP Number:** U-4011
Length: 0.767 miles **Federal Aid Number:** STP-1959(3)
Resident Engineer: Mark W. Luther, PE **RE Phone Number:** (919)220-4680
Location Description: SR-1959 (S MIAMI BLVD) FROM SOUTH OF SR-2112 (METHODIST ST) TO NORTH OF SR-1960 (BETHESDA AVE).
Type of Work: GRADING, DRAINAGE, PAVING & SIGNALS.
Contractor Name: TRIANGLE GRADING & PAVING, INC
Contract Amount: \$4,666,751.41 **Cost Overrun/Underrun:** -0.96%
Availability Date: 6/27/2011 **Letting Date:** 5/17/2011
Completion Date: 7/13/2012 **Work Began:** 7/13/2011
Revised Completion Date: **Estimated Completion:** 7/13/2012
Last Estimate Thru: 12/15/2011 **Scheduled Progress:** 37.17%
Last Estimate Paid: 12/23/2011 **Actual Progress:** 20.52%

Contract Number: C202340 **Route:** SR-1321
Physical Division: 5 **County:** Durham
Administrative Division: 5 **TIP Number:** U-3804
Length: 1.07 miles **Federal Aid Number:** STM-0505(50)
Resident Engineer: Mark W. Luther, PE **RE Phone Number:** (919)220-4680
Location Description: SR-1321 (HILLDALE RD) FROM I-85 TO NORTH OF SR-1407 (CARVER AVE).
Type of Work: GRADING, DRAINAGE, PAVING, AND SIGNAL.
Contractor Name: REA CONTRACTING A DIVISION OF THE LANE CONSTRUCTION CORPORAT
Contract Amount: \$4,222,625.78 **Cost Overrun/Underrun:** 8.58%
Availability Date: 8/30/2010 **Letting Date:** 7/20/2010
Completion Date: 6/15/2012 **Work Began:** 9/30/2010
Revised Completion Date: **Estimated Completion:** 6/15/2012
Last Estimate Thru: 12/7/2011 **Scheduled Progress:** 61%
Last Estimate Paid: 12/20/2011 **Actual Progress:** 50.63%

Contract Number: C202507 **Route:** I-540
Physical Division: 5 **County:** Durham
Administrative Division: 15 **TIP Number:** R-2635, U-4763B
Length: 18.8 miles **Federal Aid Number:** TIFIA-540(2)
Resident Engineer: Jason R. Peterson, PE **RE Phone Number:** (919)571-3000
Location Description: NC-540 FROM NC-55 NEAR APEX TO NC-54 NEAR RTP AND NC-147 FROM I-40 TO

NC-540. Type of Work: DESIGN-BUILD LANDSCAPING. Contractor Name: SOUTHERN GARDEN, INC. Contract Amount: \$4,800,000.00 Cost Overrun/Underrun: Availability Date: 8/15/2011 Letting Date: 4/21/2011 Completion Date: 7/1/2015 Work Began: Revised Completion Date: Estimated Completion: Last Estimate Thru: Scheduled Progress: Last Estimate Paid: Actual Progress:	
Contract Number: C202538 Physical Division: 5 Administrative Division: 5 Length: 22.96 miles Resident Engineer: Cadmus Capehart, PE Location Description: 1 SECTION OF US-70, 1 SECTION OF NC-55, 1 SECTION OF NC-751 & 13 SECTIONS OF SECONDARY ROADS. Type of Work: MILLING, RESURFACING & SHOULDER RECONSTRUCTION. Contractor Name: TRIANGLE GRADING & PAVING, INC Contract Amount: \$4,474,348.51 Cost Overrun/Underrun: 1.58% Availability Date: 3/15/2010 Letting Date: 1/19/2010 Completion Date: 12/16/2010 Work Began: 4/5/2010 Revised Completion Date: Estimated Completion: 3/30/2012 Last Estimate Thru: 6/22/2011 Scheduled Progress: 100% Last Estimate Paid: 7/7/2011 Actual Progress: 98.01%	Route: NC-55, NC-751, SR-1118 SR-1357, SR-1404, SR-1615 SR-1641, SR-1646, SR-1656 SR-1670, SR-1671, SR-1901 SR-1954, SR-1955, SR-1981 US-70 County: Durham TIP Number: Federal Aid Number: RE Phone Number: (919)840-0914
Contract Number: C202610 Physical Division: 5 Administrative Division: 5 Length: 6.8 miles Resident Engineer: Cadmus Capehart, PE Location Description: NC-147 FROM NORTH OF SR-1322 (BROAD ST) TO NORTH OF SR-2028 (TW ALEXANDER BLVD). Type of Work: DIAMOND GRINDING, CONC PVT SLAB REMOVAL & SHOULDER RECONST. Contractor Name: FSC II LLC DBA FRED SMITH COMPANY Contract Amount: \$4,274,880.20 Cost Overrun/Underrun: 19.36% Availability Date: 3/15/2011 Letting Date: 9/21/2010 Completion Date: 11/1/2011 Work Began: 3/15/2011 Revised Completion Date: Estimated Completion: 4/30/2012 Last Estimate Thru: 12/7/2011 Scheduled Progress: 100% Last Estimate Paid: 12/13/2011 Actual Progress: 82.27%	Route: NC-147 County: Durham TIP Number: R-5164D Federal Aid Number: STM-0147(3) RE Phone Number: (919)840-0914
Contract Number: C202620 Physical Division: 5 Administrative Division: 5 Length: 12.6 miles Resident Engineer: Cadmus Capehart, PE Location Description: I-85 FROM NORTH OF US-70 IN DURHAM COUNTY TO NORTH OF NC-56 IN GRANVILLE COUNTY. Type of Work: PAVEMENT REHABILITATION AND BRIDGE REPAIR OVERLAYS. Contractor Name: FSC II LLC DBA FRED SMITH COMPANY Contract Amount: \$8,098,211.15 Cost Overrun/Underrun: 4.63% Availability Date: 6/1/2011 Letting Date: 4/19/2011 Completion Date: 7/15/2012 Work Began: 6/10/2011 Revised Completion Date: Estimated Completion: 7/15/2012 Last Estimate Thru: 12/15/2011 Scheduled Progress: 39% Last Estimate Paid: 12/22/2011 Actual Progress: 66.14%	Route: I-85 County: Durham TIP Number: I-5145 Federal Aid Number: IMS-085-4(118)178 RE Phone Number: (919)840-0914
Contract Number: C202712 Physical Division: 5 Administrative Division: 5 Length: 13.04 miles	Route: NC-751, SR-1811, SR-1903 SR-1905, SR-1919, SR-1921 SR-1959 County: Durham TIP Number: Federal Aid Number:

Resident Engineer: Cadmus Capehart, PE **RE Phone Number:** (919)840-0914
Location Description: NC-751 FROM 3 LANE SECTION TO THE CHATHAM COUNTY LINE & 6 SECTIONS OF SECONDARY ROADS.
Type of Work: WIDENING, RESURFACING & SHOULDER RECONSTRUCTION.
Contractor Name: REA CONTRACTING A DIVISION OF THE LANE CONSTRUCTION CORPORAT
Contract Amount: \$2,700,860.68 **Cost Overrun/Underrun:** 24.44%
Availability Date: 4/4/2011 **Letting Date:** 2/15/2011
Completion Date: 9/30/2011 **Work Began:** 5/5/2011
Revised Completion Date: 11/28/2011 **Estimated Completion:** 12/1/2011
Last Estimate Thru: 10/31/2011 **Scheduled Progress:** 100%
Last Estimate Paid: 11/4/2011 **Actual Progress:** 99.76%

Contract Number: DE00010 **Route:** SR-1357
Physical Division: 5 **County:** Durham
Administrative Division: 5 **TIP Number:**
Length: 0.17 miles **Federal Aid Number:**
Resident Engineer: Mark W. Luther, PE **RE Phone Number:** (919)220-4680
Location Description: INTERSECTION OF SR-1357 (AVONDALE DR) AND SR-1670 (GEER ST).
Type of Work: INSTALL ROUNDABOUT.
Contractor Name: BARRETT, IRVIN & JORDAN CONTRACTORS INC
Contract Amount: \$497,421.60 **Cost Overrun/Underrun:** 2.51%
Availability Date: 8/15/2011 **Letting Date:** 7/26/2011
Completion Date: 11/15/2011 **Work Began:** 8/15/2011
Revised Completion Date: **Estimated Completion:** 12/16/2011
Last Estimate Thru: 10/31/2011 **Scheduled Progress:** 90.17%
Last Estimate Paid: 11/15/2011 **Actual Progress:** 68.59%

Contract Number: DE00011 **Route:** SR-1308
Physical Division: 5 **County:** Durham
Administrative Division: 5 **TIP Number:**
Length: 4 miles **Federal Aid Number:**
Resident Engineer: Mark W. Luther, PE **RE Phone Number:** (919)220-4680
Location Description: SR-1308 (CORNWALLIS RD) IN DURHAM COUNTY AND SR-1717 (WOOD- LAND RD) IN GRANVILLE COUNTY.
Type of Work: STRENGTHENING, RESURFACING, AND PAVEMEN MARKINGS.
Contractor Name: FSC II LLC DBA FRED SMITH COMPANY
Contract Amount: \$1,102,907.60 **Cost Overrun/Underrun:** -11.38%
Availability Date: 9/6/2011 **Letting Date:** 7/26/2011
Completion Date: 11/30/2011 **Work Began:** 9/6/2011
Revised Completion Date: **Estimated Completion:** 1/10/2012
Last Estimate Thru: 11/30/2011 **Scheduled Progress:** 100%
Last Estimate Paid: 12/9/2011 **Actual Progress:** 66.53%

Contract Number: DE00012 **Route:**
Physical Division: 5 **County:** Durham
Administrative Division: 5 **TIP Number:**
Length: 0.6 miles **Federal Aid Number:**
Resident Engineer: Cadmus Capehart, PE **RE Phone Number:** (919)840-0914
Location Description: W B UMSTEAD PARK IN WAKE COUNTY AND ROLLING VIEW PARK IN DURHAM COUNTY.
Type of Work: PARK IMPROVEMENTS.
Contractor Name: TRIANGLE GRADING & PAVING, INC
Contract Amount: \$597,864.70 **Cost Overrun/Underrun:** 34.48%
Availability Date: 9/19/2011 **Letting Date:** 8/30/2011
Completion Date: 12/23/2011 **Work Began:** 9/23/2011
Revised Completion Date: 12/30/2011 **Estimated Completion:** 1/23/2012
Last Estimate Thru: 12/7/2011 **Scheduled Progress:** 82%
Last Estimate Paid: 12/13/2011 **Actual Progress:** 88.62%

Contract Number: DO00069 **Route:** NC-147
Physical Division: 5 **County:** Durham
Administrative Division: 5 **TIP Number:** BK-5102G
Length: 0 miles **Federal Aid Number:** BRNHS-0147(4)
Resident Engineer: Cadmus Capehart, PE **RE Phone Number:** (919)840-0914
Location Description: BRIDGES #12, 71, 137, 154, 156, AND 169 ON NC-147.
Type of Work: BRIDGE PAINTING.
Contractor Name: S & D INDUSTRIAL PAINTING, INC.
Contract Amount: \$922,562.15 **Cost Overrun/Underrun:**

<p>Availability Date: 7/11/2011 Completion Date: 11/7/2011 Revised Completion Date: 8/28/2012 Last Estimate Thru: Last Estimate Paid:</p>	<p>Letting Date: 8/19/2010 Work Began: 7/11/2011 Estimated Completion: Scheduled Progress: Actual Progress:</p>
<p>Contract Number: DO00076 Physical Division: 5 Administrative Division: 5 Length: 0 miles Resident Engineer: Chad D. Hinnant Location Description: BRIDGES #228 ON SR-1959, #224 ON SR-1999, AND #100 ON SR-2028. Type of Work: BRIDGE PAINTING. Contractor Name: SAFFO CONTRACTORS INC Contract Amount: \$1,138,000.00 Availability Date: 6/6/2011 Completion Date: 10/18/2011 Revised Completion Date: Last Estimate Thru: 11/9/2011 Last Estimate Paid: 12/1/2011</p>	<p>Route: I-40 County: Durham TIP Number: BK-5102F Federal Aid Number: BRSTP-1959(5) RE Phone Number: (919)733-9499 Cost Overrun/Underrun: -1.4% Letting Date: 9/2/2010 Work Began: 7/21/2011 Estimated Completion: 11/14/2011 Scheduled Progress: 100% Actual Progress: 100%</p>

ACTIVE NCDOT PROJECTS LOCATED IN DCHC MPO- ARRA

County	TIP/WBS #	Description	Let Date	Completion Date	Status	Cost	Comments
Orange	ER-5100 GE	Landscape planting on US 15-501 @ SR 1734 (Erwin Rd./Europa Dr.)	11/24/2009	4/30/2012	on schedule	\$65,000	ARRA
Orange	U-3306 34913.3.ST1 STM-1733 (16)	Grading, drainage, paving, signals, curb and gutter, and retaining wall on SR 1733 (Weaver Dairy Rd.) from NC 86 to Old Sterling Road	7/20/2010	6/15/2013	behind schedule	\$13.4 million	ARRA
Orange	U-4704	Computerized Traffic Signal System for Chapel Hill-Carrboro	9/15/2009	8/1/2012	behind schedule	\$5.175 million	ARRA
NCDOT PROJECTS CURRENTLY IN 12 MONTH LETTING LIST							
County	TIP #	Description	Let Date	Completion Date	Status	Cost	Comments

ACTIVE NCDOT PROJECTS LOCATED IN DCHC MPO-NON ARRA

County	TIP/WBS #	Description	Let Date	Completion Date	Status	Cost	Comments
Orange	36945	Upgrade traffic signal with mast arm and install pedestrian signal heads on SR 1010 (Franklin St.) @ Mallette St.	11/4/2010	Rev. compl. 1/17/12	work to begin by 12/12/11	\$140,000.00	Small Construction
Orange	42502	Replace deteriorated curb and gutter at several locations on both sides of SR 1010 (Franklin St.) between Hillsborough St. and Plant Rd.			Work Completed by Town's POC	\$30,000	Small Construction
Orange	43346	Extend the westbound turn lane and install curb and gutter and storm drainage on SR 1900 (Old Mason Farm Road) at US 15-501 (Fordham Blvd.)		11/15/2011	F.A. construction complete	\$115,000	Small Construction
Orange	43426	Construct a left turn lane at the entrance to the new expansion of AKG, North America, Inc. on SR 1146 (Mattress Factory Road)		12/31/2011	F.A. construction complete	\$90,000	Public Access
Orange	C-4932 A	Construct a Transit Shelter at the Park and Ride Lot for DTCC in Hillsborough and install bike racks on Orange Public Transportation buses	5/17/2011		Bike racks installed and reimbursement requested; bus shelter ordered by Contractor	\$20,275	CMAQ
Orange	ER-2971 G 3607.3.09	Widen roadway, install curb and gutter and construct sidewalk along SR 1750 (Estes Drive) between Burlage Circle and SR 1010 (Franklin Street)		10/3/2012	MA with Town executed	\$200,000.00	Small Construction/ STP-Division Enhancement
Orange	ER-2973 G 3707.3.16	Rehabilitation of landscape plantings on I-40/I-85 at SR 1114 (Buckhorn Rd.) and installation of landscape plantings at the Hillsborough Maintenance Yard on SR 1009 (Old NC 86)	10/13/2011	3/15/2012	Pre-construction meeting 1/5/12	\$137,500.00	STP-Division Enhancement
Orange	SR-5000 S 40922.1.18 PE	Education, encouragement, evaluation, and neighborhood outreach for Carrboro Elementary School	N/A	N/A	Municipal Agreement with Town; program underway	\$12,865	Safe Routes to Schools
Orange	SR-5001 AE	Construct 870 linear feet of 5' sidewalk on Elm Street from existing sidewalk near Weaver Street to Shelton Street in Carrboro	Advertisement pending	4/21/2012	Letting delayed due to soil contamination	\$300,000.00	SRTS
Orange	SR-5001 AR	Construct 320' of 5' sidewalk on Culbreth Road between Cobbleridge Rd. in Chapel Hill and Rossburn Rd. in Carrboro	After construction authorization is approved	7/22/2012	Construction Authorization requested	\$50,000/\$108,000	SRTS/STP-DA

ACTIVE NCDOT PROJECTS LOCATED IN DCHC MPO-NON ARRA

Orange	SS-4907 U 42205.2 42205.1 42171	Improve sight distance on SR 1710 by lowering the crest vertical curve on the westbound approach to the intersection of SR 1710 (Old NC 10) @ SR 1713 (Mt. Herman Church Road)	N/A	4/1/2012	Utility relocation underway; FA construction in Spring 2012	\$320,000	Spot Safety-State
Orange	SS -4907 V 42423.3 42423.1	Realign intersection of SR 1005 (Old Greensboro Rd.) @ SR 1951 (White Cross Rd.)	SFY 2013	SFY 2013	Consultant design pending	\$198,000	Spot Safety-State
Orange	SS-4907 AG 07-09-1320	Widen radii and install 4-way stop on US 70 Bus./Alt. and SR 1709 (Lawrence Road)	N/A	1/30/2012	F.A. widening & contract resurfacing complete; signs and striping pending	\$1000 R/W/U \$24,000 C	Spot Safety-State
Orange	SS-4907 AI 43404.1.1	Revise signals on US 70 at SR 1561/1709 (Lawrence Rd.) and at SR 1002 (St. Mary's Rd.) near Hillsborough			Signal design underway	\$7000 PE	Spot Safety-State
Orange	U-4726 DC	Wilson Park Multi-Use Path	6/20/2012		Municipal Agreement with Town of Carrboro; Advertisement pending	\$39,262.65 PE \$129,431.35 C	STPDA
Orange	U-4726 DD	Construct sidewalk on Rogers Road from Homestead Road to Meadowrun Ct.	6/20/2012		Municipal Agreement with Town of Carrboro; Design underway	\$67,025 PE \$469,175 C	STPDA
Orange	U-4726 DE	Construct Bolin Creek Multi-use Path from Homestead Road to Chapel Hill High School	6/20/2012		Municipal Agreement with Town of Carrboro for construction (replaces EL-4994) Design underway	\$59,000 PE	STPDA
Orange	U-4726 DF	Bicycle detection at Signalized Intersections		FFY 2013	Municipal Agreement to Town of Carrboro for execution	\$36,000	STP-DA

ACTIVE NCDOT PROJECTS LOCATED IN DCHC MPO-NON ARRA

Orange	U-4726 IF	Construct stairs from the sidewalk on the north side of Franklin St. to the Bolin Creek Trail	6/20/2012		Municipal Agreement with Town of Chapel Hill; CLOMR & CE pending	\$20,000 PE	STPDA
Orange	U-4726 IG	Construct 10' wide greenway from existing Fan Branch Trail near Culbreth Rd. and US 15/501 to Phase I	6/20/2012		Municipal Agreement with Town of Chapel Hill; structure designs in review	\$1,310,000	STPDA
Orange	W-5207 E 45337.1.5 PE	Installation of a roundabout on SR 1734 (Erwin Rd.) and SR 1791 (Mt. Moriah Rd.) near Chapel Hill	Revised to 7/31/2012	12/31/2012	Consultant design underway	\$450,000	High Hazard Safety
County	TIP #	Location Description	Est. Let Date	Completion Date	Status	Cost	Comments
<i>NCDOT PROJECTS CURRENTLY IN 12 MONTH LETTING LIST</i>							
Durham/Orange	EB-4707	Bicycle improvements(Bikeway and signals) on Durham/Chapel Hill (SR 1838/SR 2220)from SR 1116 (Garrett Road) in Durham County to US 15-501 in Orange County	TBD			\$4.0 million	Delayed R/W to FY 12 and Construction to FY 13 to allow City to secure increased funding
Orange	U-0624	Corridor upgrade on NC 86 (S. Columbia St.)including Bicycle lanes from SR 1906 (Purefoy Rd.) to SR 1902 (Manning Dr.)	1/17/2012			\$4.85 million	
Orange	U-2803	Widening of SR 1919 (Smith Level Road) from Rock Haven Road to Bridge# 88 over Morgan Creek	12/18/2012			\$3,9 million	