

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

**October 26, 2011
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 September 28, 2011 TCC Meeting Minutes
Attachment 4**

A copy of the September 28, 2011 minutes is enclosed as Attachment 4.

TCC Action: Approve minutes of the September 28, 2011 TCC meeting.

**5. FY 2014-2020 Transportation Improvement Program – Regional Priority List
Attachment 5, 5A
Ellen Beckmann, LPA Staff**

The DCHC MPO has begun creating our MPO Regional Priority List for the FY 2014-2020 Transportation Improvement Program. Attachment 5 is a memo describing the priority list, schedule, and TCC Subcommittee recommendation. The MPO's project rankings are due December 16, 2011.

The TAC received the results of the application of the MPO's ranking methodology on October 12, 2011. The TAC deferred releasing the results for public comment. Instead, they authorized staff to release the TCC's recommendation of the application of ranking points and projects following their review on October 28, 2011. The TCC needs to make a recommendation for the ranking points and projects at today's meeting.

The TCC subcommittee met on October 18, 2011 to develop a recommendation for the TCC. The Subcommittee's recommendation is described in Attachment 5 and displayed in the tables in Attachment 5A.

TCC Action: Recommend that the TAC approve the distribution of ranking points for highway and transit projects and the ranking of bicycle and pedestrian projects.

6. 2040 Long Range Transportation Plan and Comprehensive Transportation Plan

Attachment 6

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 6 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 December 2011 TAC meeting;
- TAC release Socioeconomic Data for public comment at January 2012 meeting (including 2010 and 2040 forecast values by TAZ);
- TAC review Deficiency Analysis at February 2012 TAC meeting; and,
- LPA staff work with local planners to draft schedule and tasks for CSP.

TCC Action: Provide comments on schedule and activities.

7. Imagine 2040 Scenario Planning

No Attachments

Matt Noonkester, Seven Hills Town Planning Group, Inc.

The TCC will receive a presentation on the *Imagine 2040* study that will provide Triangle regional planning scenarios for the year 2040. One of the principal outputs of *Imagine 2040*, which is also known by its principal planning tool called *CommunityViz*, will be the location of population and employment growth that will be used in the Triangle Regional Model. The presentation will cover the development and staff review of identifying parcels available for development, appropriate development on the parcel (called place type), and the factors used to rate the attractiveness of a parcel for development. In addition, the beta version (i.e., testing version) of the land use model will be presented, in effect showing the estimated location of population and employment growth from the year 2010 to 2040, and the next steps in the *Imagine 2040* process will be discussed.

The presentation objective is to familiarize TCC members and get their comments related to the *Imagine 2040* process, and to get initial reactions, but not detailed comments, to the results of the beta version land use model. The TAC received a presentation on the presentation on the *Imagine 2040* concept and general process (i.e., fewer details compared to this TCC presentation) at their October 12 meeting. Two questions were raised by a TAC members – How can we evaluate the *Imagine 2040* scenarios without developing a set of goals and objectives? Why haven't neighborhood and environmental groups had input into the process?

TCC Action: Provide comments on *Imagine 2040* process and provide recommendations to the TAC, as appropriate.

8. New Freedom (FTA Section 5317) Grant Program – 2006-2009 POP Amendment

Attachment 8, 8A, 8B

Maricia Brown, LPA Staff

The New Freedom program of projects needs to be amended to reflect current project status. The memo attached (Attachment 8) describes the changes in detail. The updated Program of

Project table (Attachment 8A) shows the current status of funding availability for New Freedom (FTA-Section 5317) after the amendment. Attachment 8B is the current project status report submitted to the MPO by Chapel Hill Transit.

TCC Action: Recommend approval of the 2006-2009 programs of projects with proposed adjustments.

9. FY 2011 UPWP – Amendment #3 (Section 5307 grant funds only)

Attachments 9

Maricia Brown, LPA Staff

The DCHC MPO prepared its FY2010-11 Unified Planning Work Program (UPWP) that details and guides the urban area transportation planning activities, which is based on federal regulations. Funding for the UPWP is provided on an annual basis by the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA). During the year, as schedules of funding changes and funding needs shift the MPO prepares amendments to the current UPWP. This amendment serves to request a reallocation of the Section 5307 funds for two Transit Agencies; DATA and TTA. Attachment 9 is a resolution, financial tables and amended narratives that details the requested reallocation.

TCC Action: Recommend approval of the resolution and supporting documents for the FY 2011 UPWP Amendment#3.

10. FY 2012 UPWP – Amendment Schedule

No Attachments

Maricia Brown, LPA Staff

The DCHC MPO prepared its FY2011-12 Unified Planning Work Program (UPWP) that details and guides the urban area transportation planning activities, which is based on federal regulations. Funding for the UPWP is provided on an annual basis by the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA). During the year, as schedules of funding changes and funding needs shift the MPO prepares amendments to the current UPWP. In efforts to streamline the amendment process, and help to facilitate a more efficient management of planning funds, we have developed an amendment schedule as follows:

DCHC MPO FY2011-2012 UPWP AMENDMENT SCHEDULE						
Amend #	Funding Type	Deadline for submission to MPO	TCC Action Date	TAC Action Date	Submittal Date to NCDOT	Submittal to NCDOT-PTD & FTA
FY12 - AM#1	PL/STP-DA/5303	4-Nov-11	16-Nov-11	14-Dec-11	16-Dec-11	16-Dec-11
FY12 - AM#2	PL/STP-DA/5303	9-Jan-12	25-Jan-12	8-Feb-12	10-Feb-12	10-Feb-12
FY12 - AM#3	PL/STP-DA	5-Mar-12	21-Mar-12	11-Apr-12	13-Apr-12	13-Apr-12

FY12 - AM#4	5303/5307	7-May-12	23-May-12	13-Jun-12	~~	15-Jun-12
FY12 - AM#5	5307	6-Aug-12	22-Aug-12	12-Sep-12	~~	14-Sep-12

TCC Action: Receive the amendment schedule for the FY12 UPWP.

11. FY 2013 UPWP – Development Schedule

Attachment 11

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. The memo (Attachment 11) details the proposed schedule for the development of the FY2012-2013 UPWP.

TCC Action: Review schedule for development of the FY 2012-2013 UPWP.

12. Ephesus Church Road/Fordham Boulevard Small Area Planning and Traffic Analysis

Attachment 12

David Bonk, Town of Chapel Hill

The Town of Chapel Hill will provide a presentation on the Ephesus Church Road/Fordham Boulevard Small Area Planning and Traffic Analysis Study. This study was partially funded by the MPO. The study report is posted at this link:

<http://www.townofchapelhill.org/Modules/ShowDocument.aspx?documentid=8980>.

TCC Action: Receive presentation.

13. Triangle Regional Transit Program – Locally Preferred Alternative

No Attachment

Patrick McDonough, Triangle Transit

Andy Henry, LPA Staff

LPA Staff anticipates the following schedule for the Locally Preferred Alternative:

- Public comment period closes – January 4 (one week before the public hearing)
- TAC conducts public hearing – January 11.
- TCC recommends Locally Preferred Alternative – January 25.
- TAC reviews and takes action on Locally Preferred Alternative – February 8.
- Deadline for providing Locally Preferred Alternative to Triangle Transit – February 15.

At this time, the following local reviews are scheduled:

- Orange Board of County Commissioners – 11/17/11 work session
- Durham Board of County Commissioners – 12/05/11 work session.
- Durham City Council – 12/08/11 or 12/20/11 work session.
- Town of Chapel Hill – at council member workshops in November 2011.

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 proposed schedule and any additional activities related to the regional rail effort, and make recommendations to TAC if appropriate.

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 Memo on CMAQ – October 21, 2011

Attachment 17

Adjourn

Next meeting: November 16, 2011

*******Moved up one week due to the holidays*******

44 *Voting Member
45 ^Temporary Non-Voting Member
46 Quorum Count: 20 of 22 Voting Members
47

48 Mark Ahrendsen, TCC Chair, called the meeting to order at 9:03 a.m. The Alternate Voting
49 Members were identified and are indicated above.

50 **PRELIMINARIES:**

51 **Adjustments to the Agenda**

52 Andy Henry asked that Agenda #8 and #9 be moved up following the approval of the minutes.

53 **Public Comments**

54 There were no comments from the public.

55 **ACTION ITEMS:**

56 **Approval of August 24, 2011 TCC Meeting Minutes (Attachment 4)**

57 A motion was made by Felix Nwoko and seconded by John Hodges-Copple to approve the
58 August 24, 2011 TCC Meeting Minutes. The motion carried unanimously.

59 **FY 2014-2020 Transportation Improvement Program – Regional Priority List (Attachments 5 and 5A)**

60 Ellen Beckmann provided an introduction for the FY 2014-2020 Transportation Improvement
61 Program – Regional Priority List, along with the attachments.

62 Ellen Beckmann stated this item is going to involve an aggressive schedule to meet the deadlines
63 for both the TAC and TCC. A 21-day public release period is required by MPO policy.

64 Ellen Beckmann recommends that the TCC authorize the TCC subcommittee to meet to
65 recommend a draft list for the October 12, 2011 TAC meeting. A subcommittee was scheduled for
66 October 5, 2011 at 9:00 a.m.

67 After an extensive discussion, a motion was made by David Bonk and seconded by John Hodges
68 Copple to recommend that the TAC allow LPA staff to release the TCC's recommendation for rankings

69 and points on October 26, 2011 as part of the public comment process . The motion carried
70 unanimously.

71 **FY 2016-2017 Congestion Mitigation Air Quality Call for Projects (Attachments 6, 6A, and 6B)**

72 Ellen Beckmann provided an introduction for the FY 2016-2017 Congestion Mitigation Air
73 Quality Call for Projects, along with the attachments.

74 The top eight projects in the handout can be funded, but the budget is over by \$196,000. It is
75 possible to reduce the CAT and DATA project by \$98,000 each which makes it possible to balance the
76 budget. John Hodges-Copple stated funds can be reprogrammed from the TDM project later if needed.

77 Jeff Brubaker re-emphasized the issue with the non-motorized model in terms of estimating
78 new walk and bike trips. The DATA bus replacement project emissions estimate is based on future
79 projections, so the Carrboro project should be able to use future greenway connection projections as
80 well. The model isn't sensitive enough to detect there is a school nearby and most kids don't drive.

81 Leta Huntsinger stated the model doesn't recognize the specific connectivity that a project
82 provides. Leta Huntsinger provided an update of what the model is doing. Ellen Beckmann stated the
83 STP-DA program can fund the Carrboro project.

84 A motion was made by David Bonk and seconded by Felix Nwoko to recommend the TAC
85 approve the proposed funding for 2016-2017 CMAQ projects with the reduction of \$98,000 from the
86 bus replacement project; but communicate to the TAC that the program may need to be revised due to
87 possible changes to the TDM program based on the reassessment of the 7-year program and that the
88 Carrboro project be considered for future funding. Jeff Brubaker asked that future modeling include
89 future projects in the network. The motion carried unanimously.

90 **Surface Transportation Program Direct Attributable Call for Projects (Attachments 7, 7A, and 7B)**

91 Ellen Beckmann provided an introduction for the Surface Transportation Program Direct
92 Attributable Call for Projects, along with the attachments.

93 David Bonk is not happy with how the STP-DA changes were made at the last TCC and TAC
94 meeting.

95 Jeff Brubaker wants a written confirmation that the timing of the projects won't be affected by
96 the additional programming for the American Tobacco Trail.

97 **2040 Long Range Transportation Plan and Comprehensive Transportation Plan (Attachments 8, 8A, 8B,**
98 **8C, 8D, 8E, and 8F)**

99
100 Andy Henry provided an introduction for the 2040 Long Range Transportation Plan and
101 Comprehensive Transportation Plan, along with the attachments.

102 David Bonk asked what will be released and Andy Henry stated it will be population and
103 employment. It will be the actual TAZs based on Community Viz. John Hodges-Copple stated staff
104 needs to let everyone know there will be other scenarios later on. David Bonk suggested giving the TAC
105 the county level controls for population and employment that have been adopted. Mr. Bonk also
106 stated we need to provide them updates every month. Mr. Henry stated the consultant is scheduled to
107 provide a presentation on Community Viz to the TAC.

108 David Bonk is concerned over the drop in jobs in Orange County from 2035 to 2040. Mark
109 Ahrendsen stated the drop is driven by a change between 2005 and 2010. Andy Henry stated the
110 numbers in the table aren't the same as what is being used in the model. It uses the Employment
111 Security Commission 2010 as the base for 2040. Mr. Henry is going to add the numbers that are going
112 to be used in the model.

113 Mark Ahrendsen stated the subcommittee needs to discuss this to agree on the base figures,
114 and agree on the methodology to grow figures. Andy Henry stated the MPO growth is by county and
115 the counties can go up or down. John Hodges-Copple stated the two best sources are the Employment
116 Security Commission and Info USA. Staff needs to make sure the Orange County economic development
117 people agree on the identification of major employers. David Bonk stated there is an issue on how to

118 count full and part-time employment at UNC. John Hodges-Copple stated we need a detailed document
119 that describes what we did and how we arrived at the information.

120 Andy Henry stated for the last LRTP we copied the old Goals and Objectives and sought public
121 comment. Most of the comments were received from a survey that we issued. We don't have time to
122 combine with CAMPO as we want the TAC to release it for public comment in November. Mark
123 Ahrendsen suggested running the 2010 model.

124 Andy Henry stated the plan is to ask the TAC to release it in October for public comment, have a
125 public hearing in November, and approve it in December. The TAC will have time to adjust the targets
126 before approval.

127 **NCDOT 2040 Plan (No attachment)**

128 Tyler Bray with NCDOT provided a Power Point presentation on the NCDOT 2040 Plan. They are
129 taking SPOT 2.0 out to a 30 year time frame. The 2040 Plan will be adopted by the Board of
130 Transportation in June 2012. There are MPO and RPO representatives on the steering committees.

131 David Bonk stated we won't have our 2040 LRTP complete before the 2040 Plan is complete.
132 There needs to be a distinction between our 2035 plan and 2040 plan. It will be reflected that the MPO
133 needs are projected out to 2040.

134 Mark Ahrendsen asked if there has been discussion on difference performance measurements
135 geographically and Tyler Bray stated they have discussed it some, but they aren't sure it will be done this
136 plan.

137 Patrick McDonough asked if there will be a summary of responses by geography and Mr. Bray
138 stated they asked for zip code; however, it could be done by county, MPO, etc. Patrick McDonough said
139 question #5 on the survey states "rail is expensive" and that makes the question biased. Mr.
140 McDonough also stated that only allowing one selection for each question limits people's responses. Mr.

141 McDonough stated it was a good survey and he applauds the effort but would like more thought put
142 into future surveys.

143 Jeff Brubaker stated the goals should be expanded to include environmental quality and
144 environmental justice factors as they are not shown in the priority categories. Andy Henry stated the
145 policy should not encourage sprawl.

146 Patrick McDonough stated the strategic directions could be different between urban and rural.
147 Jeff Brubaker asked if the program delivery includes locally managed projects and Mr. Bray stated no.
148 Mr. Bray stated the focus is at NCDOT TPB and PDEA integration. Mr. Brubaker stated there are
149 efficiencies to be gained in local program management as well.

150 Ellen Beckmann stated there is a disconnect between NCDOT's long-term goals and short term
151 projects. We need to see that NCDOT's programming in the TIP relates to the long-term plan. Dale
152 McKeel stated there were five regional workshops on bicycle/pedestrian safety and asked if any of the
153 surveys from the workshops were included. Mr. Bray the bicycle/pedestrian needs are great and it will
154 be provided.

155 John Hodges-Copple asked if the revenue options will be available in the January timeframe and
156 Mr. Bray stated yes; however, it probably won't be adopted.

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

158 Patrick McDonough provided an introduction for the Triangle Regional Transit Program – Locally
159 Preferred Alternative.

160 David Bonk stated the Town of Chapel Hill is trying to set up a meeting with the council to
161 discuss the plan in early November, with a public hearing at the end of November, and approval in
162 January. Mark Ahrendsen wants to have the local schedules reflect the MPO's schedule.

163 Patrick McDonough stated there are two addendums to the reports and they are Alston Avenue
164 Commuter Rail station and a different crossing of New Hope Creek. The swath will look at different

165 design options, and consider constraints. These will be handled in the EIS phase. Andy Henry stated the
166 options are required, even without the addendum in the scoping phase.

167 **New Freedom (FTA Section 5317) Grant Program – 2006-2009 POP Amendment (Attachments 11 and**
168 **11A)**

169 Maricia Brown projected an introduction for the New Freedom (FTA Section 5317) Grant
170 Program – 2006-2009 POP Amendment, along with the attachments.

171 Ellen Beckmann asked if we know whether the Town of Chapel Hill intends to do this project and
172 Maricia Brown stated she doesn't know. They can apply for funding at the next Call for Projects.

173 A motion was made by Scott Whiteman and seconded by Andy Henry to recommend approval
174 of the 2006-2009 revised program of projects. The motion carried unanimously.

175 **TIGER III Grant Application – Old Durham – Chapel Hill Road (Attachment 12)**

176 Dale McKeel provided an introduction for the TIGER III Grant Application – Old Durham – Chapel
177 Hill Road, along with the attachment.

178 A motion was made by David Bonk and seconded by Scott Whiteman to recommend approval of
179 the resolution to endorse the application for a USDOT TIGER III Discretionary Grant Application by the
180 Durham-Chapel Hill-Carrboro Metropolitan Planning Organization. The motion carried unanimously.

181 **Transportation Enhancement Program (No Attachment)**

182 Dale McKeel provided an introduction for the Transportation Enhancement Program. Congress
183 is talking about making the Enhancement Program optional, but effectively it already is somewhat
184 optional in North Carolina.

185 Mark Ahrendsen stated we need to continue sending messages along with the Metro Mayors
186 Coalition and the MPOs. Mr. Ahrendsen attended a meeting regarding rescissions with NCDOT. The
187 message is there is a risk that the program may be discontinued, but NCDOT should still program the
188 funds. Tie them to the Complete Streets initiative and use enhancement funds to implement the
189 program.
190

191 **REPORTS FROM STAFF:**

192 **Reports from Staff (Attachment 14)**

193 David Bonk asked if the City of Durham is anticipating the discussion of Durham's local match
194 contribution to the MPO program being raised again. Felix Nwoko stated yes and stated perhaps we
195 should start the UPWP development earlier. David Bonk stated the Town of Chapel Hill will have a tight
196 budget. The earlier we know the better. Mark Ahrendsen stated the City Manager is asking why the
197 City of Durham provides most of the 20% match.

198 **Report from the Chair (No Attachment)**

199 Mark Ahrendsen did not have anything to report.

200 **NCDOT Report (Attachment 16)**

201 Joey Hopkins, Division 5, and Patrick Wilson, Division 7, stated the NCDOT report is attached for
202 review. If there are questions, please send an e-mail.

203 **INFORMATION ITEMS:**

204 **Reminder: MPO Grant Training Workshops**

205 Maricia Brown stated there are two grant report and compliance workshops, one on Monday,
206 October 3rd and one on Tuesday, October 4th, @ 11:30 a.m. – 1 p.m.

207 **Adjournment**

208 There being no further business before the Technical Coordinating Committee, the meeting was
209 adjourned at 11:50 a.m.

MEMORANDUM

To: Technical Coordinating Committee
DCHC MPO

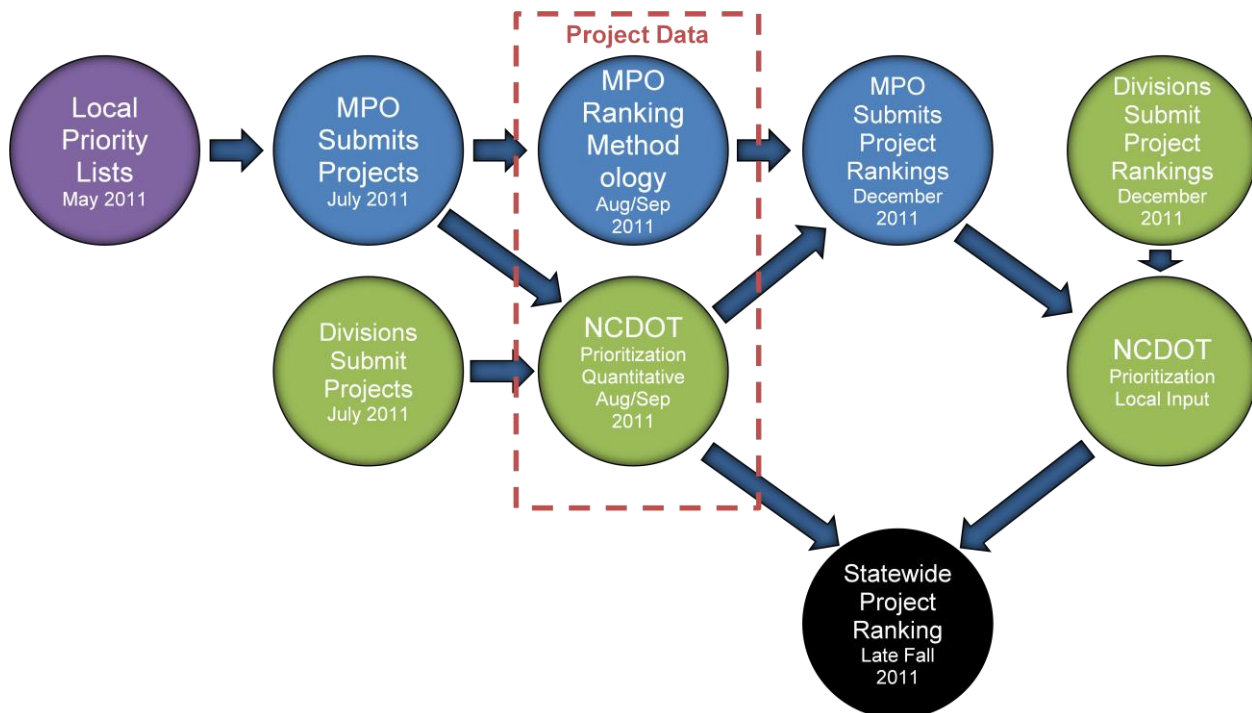
From: DCHC MPO Lead Planning Agency

Date: October 26, 2011

Subject: **FY 2014-2020 Transportation Improvement Program – MPO Regional Priority List**

The DCHC MPO has begun creating our MPO Regional Priority List for the FY 2014-2020 Transportation Improvement Program. In June 2011, the TAC approved the submission of highway, bicycle, pedestrian, and transit projects to the NCDOT Strategic Planning Office of Transportation (SPOT) for consideration in the State's prioritization process. LPA staff submitted our list of projects through SPOT's online database in July.

In August and September, SPOT and the modal divisions at NCDOT scored projects across the State based on a variety of different quantifiable metrics. SPOT released the quantitative scores for all projects on September 29, 2011. Subsequently, LPA Staff applied our MPO ranking methodology. The TAC approved the MPO ranking methodology in June. In order to simplify data collection and maintain some consistency with NCDOT on criteria that are common to both ranking methodologies, the MPO ranking methodology uses SPOT's data for several criteria. As a result, LPA staff could not complete the MPO ranking until we received all of the scores from SPOT. The results of the ranking methodology were shared with the TAC in October. The TAC directed the TCC to use this to develop project rankings and authorized LPA staff to release the TCC's recommendation for project rankings in late October (after TAC review through email). The MPO's ranking, Division's ranking, and NCDOT quantitative score feed into the final statewide project ranking. A flow chart of the process is shown below.



SPOT has asked that MPOs submit their local rankings by December 16, 2011 (they extended the deadline from November 30, 2011 on September 14, 2011). The TAC sent a letter requesting an extension to January and other MPOs/RPOs have also requested extensions. SPOT staff has told LPA staff that they cannot extend this deadline beyond December 16, 2011.

In order for the MPO to meet the SPOT deadline, the MPO will have to review and approve the rankings quickly.

September 29, 2011	NCDOT released scores for highway projects
Late September	LPA Staff applied the MPO ranking methodology
October 5, 2011	TCC subcommittee reviewed the application of the MPO ranking methodology and recommended a draft priority list for release for public comment
October 12, 2011	TAC reviewed draft priority list and scheduled a public hearing at the November 9, 2011 meeting
October 26, 2011	TCC recommends distribution of the highway and transit ranking points and the bicycle and pedestrian top five rankings
October 28, 2011	LPA staff releases the TCC recommendation for public comment.
Oct 28-Nov 18	MPO minimum 21-day public comment period
November 9, 2011	TAC holds public hearing
December 14, 2011	TAC approves final priority list
December 16, 2011	SPOT deadline for submission of MPO rankings

The tables in the attachment display the results of the MPO's ranking methodology and the TCC Subcommittee's recommendation for rankings and points. There are four tables: Highway (H Results), Bicycle (B Results), Pedestrian (P Results), and Transit (T Results).

Highway

The table of highway projects includes projects carried over from the last prioritization, new projects submitted by the MPO, new projects submitted by the Division, and projects that may have been submitted by a neighboring RPO or MPO that cross over into part of the DCHC MPO. The list includes both capacity widening projects and modernization projects. Many modernization projects are for adding bicycle facilities, sidewalks, transit amenities, shoulders, and/or curb-and-gutter to two-lane roads (over \$1 million cost). Each criterion is out of 100 points. The criteria are weighted to produce the total score. The maximum total score is 100. The criteria and weighting vary by tier and improvement type. Grayed-out boxes indicate criteria that do not apply to that project type. The Congestion, Safety, Economic Competitiveness, Lane Width, Shoulder Width, and Multimodal Bonus scores were produced by NCDOT. The Environmental Impacts, Community Impacts, and Environmental Justice scores were produced by the MPO. The State Score is provided for reference.

The MPO has 1,300 points to distribute to highway projects. Each project can have a maximum of 100 points and a minimum of 4 points (projects can have 0 points). For projects that span MPOs/RPOs, the maximum points each organization can submit is equal to the percentage of the project in the organization (if it is a high priority, DCHC would submit 28 points for a project 28% in DCHC). Organizations can donate points to a neighboring MPO/RPO for a project outside of their area that is a high priority. Projects that are partially funded in FY 2019 or 2020 in the current work program should still be considered for points if they are high priorities. NCDOT considers these not committed projects. This applies to projects 531- 534 (the four phases of the NC 54 widening in south Durham) and 527 (modernization on US 15-501 in Chapel Hill).

NCDOT's methodology includes a weighting of the MPO's and Division's points by tier. The MPO's ranking points will contribute more towards a project's final score on the subregional tier than the regional tier and statewide tier. The table below displays the contribution towards the final score for the NCDOT's quantitative data, Division points, and MPO/RPO points.

Tier	Quantitative Data	Division Ranking Points	MPO/RPO Ranking Points
Statewide	70%	20%	10%
Regional	50%	25%	25%
Subregional	30%	30%	40%

The TCC subcommittee has developed a recommendation for the distribution of ranking points. The subcommittee recommends concentrating the MPO's points among a smaller number of projects to give these projects a better chance of getting funding. The subcommittee's recommendation is as follows:

1. Assign 100 points to the highest project by state score in each of the six tier/goals. This will maximize the scores for these projects in the final statewide ranking and ensure that the MPO's points are distributed among all tiers and goals. (600 points)
 - a. Statewide Mobility - #1144 US 15-501, East Lakeview Dr to Sage Rd, upgrade road to superstreet
 - i. The subcommittee noted that this project was requested by Division 7 and was not on the MPO's priority list. Member jurisdictions will be asked to consider if they are supportive of this project during the public comment period.
 - b. Statewide Modernization - #527 US 15-501, NC 86 to Ephesus Church Rd, sidewalks, wide outside lanes, and transit accommodations
 - c. Regional Mobility – #650 NC 54, I-40 to Barbee Chapel Rd, widen to 6-lane divided with bicycle, pedestrian, and transit facilities.
 - d. Regional Modernization - #961 NC 86, US 70A to I-40, wide outside lanes
 - e. Subregional Mobility - #637 Fayetteville Rd, Woodcroft Pkwy to Riddle Rd, widen to 4-lane divided with bike lanes and sidewalks.
 - i. The subcommittee noted that the City of Durham is considering funding all or part of this project. However, City funding may be insufficient to complete the entire project.
 - f. Subregional Modernization - #945 Barbee Chapel Rd/Farrington Rd, NC 54 to Stagecoach Rd, bike lanes and sidewalks
 - i. The subcommittee noted that the result of the NC 54 corridor study and Hillmont project may influence the design at the northern end of this project.
2. Assign 100 points to projects requested by the MPO that are scheduled for funding in FY 2019 or 2020 in the current work program to help ensure that the project schedules for these projects are maintained. (400 points)
 - a. #531-534, NC 54, I-40 to NC 55 (split into four phases). This project was requested by the MPO and has funding in FY 2020 in the current work plan.
 - b. The only other project that this applies to is #527 US 15-501, NC 86 to Ephesus Church Rd, sidewalks, wide outside lanes, and transit accommodations. #527 already would receive 100 points since it is the highest statewide modernization project in the MPO by state score.
 - c. Projects #10, I-40 widening in Orange County, and #6-7, I-85 widening in Orange County, also have funding in the current work plan. However, these were not on the MPO's priority list. In addition, as statewide tier projects, the MPO's points only contribute 10 percent to the final score.
3. Assign the remaining points to subregional modernization projects according to the MPO score. Assign 50 points to the top three projects and 25 points to the next six projects. The top nine projects have the highest state scores for this tier/goal. Skip the two projects shared with TARPO and request that

TARPO dedicate points to these projects and/or donate points to the DCHC MPO for these projects. (300 points)

- a. #632 Jack Bennett Rd, US 15-501 to Lystra Rd, safety improvements
- b. #375 Estes Dr, Greensboro St to NC 86, bike lanes, sidewalks and transit accommodations
- c. #659 Dearborn Dr, East Club Blvd to Old Oxford Rd, bike lanes and sidewalks
- d. #660 W. Cornwallis Rd, Erwin Rd to Chapel Hill Rd, bike lanes and sidewalks
- e. #950 Old NC 86, Homestead Rd to Eubanks Rd, bike lanes, sidewalks, and transit accommodations
- f. #951 Eubanks Rd, Old NC 86 to Rogers Rd, bike lanes, sidewalks, and transit accommodations
- g. #1096 Eubanks Rd, Rogers Rd to NC 86, bike lanes, sidewalks, and transit accommodations
- h. #952 Mount Carmel Church Rd, US 15-501 to Chatham County line, bike lanes
- i. #949 Old Mason Farm Rd, NC 54 to Fordham Blvd, bike lanes and sidewalks

Bicycle

The table of bicycle projects includes multi-use paths and on-road bicycle facility projects (under \$1 million cost). Projects on this list include new projects and projects carried over from the last prioritization. The maximum number of points for each criterion varies. The criteria are normalized and weighted to produce the total score. The maximum total score is 100. The Right-of-way Acquired, Connectivity, Bicycle Crashes, and Demand/Density scores were produced by NCDOT. The Congestion, Regional Connectivity, and Environmental Justice scores were produced by the MPO. The State Score is provided for reference.

For this mode, the MPO simply ranks its top five bicycle projects. NCDOT's methodology uses quantitative scores for 65% of the final score and the MPO/RPO ranking for 35% of the final score. The MPO/RPO ranking is converted into points as shown:

- #1 = 35 points
- #2 = 28 points
- #3 = 21 points
- #4 = 14 points
- #5 = 7 points

The TCC Subcommittee's recommendation is to rank projects by MPO score.

1. #1493 Rocky Creek Greenway Trail Extension, R. Kelly Bryant Bridge to NC 55
2. #1501 Greensboro Street, Weaver to Shelton
 - The Subcommittee noted that the road will be resurfaced next year and sharrows will be requested. The remainder of the project (median, bicycle signal detection) may be able to be funded through Division, safety or local funds. Carrboro's longer term vision is to add bike lanes. The project should either be withdrawn from the TIP process or changed to reflect a new scope.
3. #1524 Mount Carmel Church Rd, US 15-501 to Bennett Rd
 - The Subcommittee noted that this project is also part of #952 on the highway list. This project is shorter and less expensive and may be more likely to get funding than the highway project.
4. #1497 Campus to Campus Connector, Broad to Seawell School Rd
5. #2054 Morgan Creek Phase 3 in Chapel Hill

Pedestrian

The table of pedestrian projects includes sidewalks and streetscape projects. Projects on this list include new projects and projects carried over from the last prioritization. The maximum number of points for each criterion varies. The criteria are normalized and weighted to produce the total score. The maximum total

score is 100. The Right-of-way Acquired, Connectivity, Pedestrian Crashes, and Demand/Density scores were produced by NCDOT. The Traffic Volume, Regional Connectivity, and Environmental Justice scores were produced by the MPO. The State Score is provided for reference.

There are four Durham streetscape projects in this list that are carried over from the previous prioritization: #1514 Fayetteville Street, #1517 Main Street, #1515 Chapel Hill Street, and #1519 Mangum Street. Since sidewalks already exist along much of these routes, they may not be as high of a priority as projects with no existing sidewalks. Streetscape projects like these are better suited for Enhancement TIP funding than Pedestrian TIP funding. Unfortunately, NCDOT has not held a call for projects for Enhancement projects since 2004 and has not set up Prioritization 2.0 to consider these types of projects in their own category. The NCDOT Bike/Ped Division stated that they would be unlikely to fund a streetscape project with Pedestrian TIP funding if sidewalks already exist.

For this mode, the MPO simply ranks its top five pedestrian projects. NCDOT's methodology uses quantitative scores for 65% of the final score and the MPO/RPO ranking for 35% of the final score. The MPO/RPO ranking is converted into points as shown:

- #1 = 35 points
- #2 = 28 points
- #3 = 21 points
- #4 = 14 points
- #5 = 7 points

The TCC Subcommittee's recommendation is to rank projects by MPO score, skipping streetscape projects and #1502 NC 54, NC 55 to RTP. Durham staff would prefer pursuing STPDA or CMAQ funding for the NC 54 project due to its smaller size.

1. #1505 Duke St, Murray Ave to Roxboro Rd
2. #1503 Roxboro Rd, Murray Ave to Pacific Ave
3. #1520 Holloway St, Junction Rd to Chandler Rd
4. #1506 Horton Rd, Guess Rd to Roxboro Rd
5. #1504 Cook Rd, Fayetteville Rd to MLK Pkwy

Transit

The table of transit projects includes project submitted by each transit agency and a park-and-ride lot submitted by Orange County (#1370). These projects are only for years FY 2013-2015. The maximum number of points for each criterion varies. The criteria are normalized and weighted to produce the total score. The maximum total score is 100. The Availability, Connectivity, Technology, and State of Good Repair scores were produced by NCDOT. The Environmental Impacts, Community Impacts, and Environmental Justice scores were produced by the MPO. The State Score is provided for reference.

The NCDOT scores were designed such that most projects will only receive points in one or two categories. Only projects that increase service receive Availability points; only projects that expand service to new areas receive Connectivity points; only projects that include new technology receive Technology points; and only projects that replace vehicles or provide a new facility receive State of Good Repair points.

In addition, many of the calculations that NCDOT did for these categories are based on system statistics and the size of the project. For example, transit systems that have not invested in technology recently receive more points than transit systems that have continuously improved their technology. Since DATA, CHT, and TTA have invested in technology, they received fewer points than transit agencies in other parts of the state that have not invested in technology. Also, the NCDOT methodology awards more points to larger projects. Project

#1400 is for DATA purchasing 28 replacement buses. Project #1394 is for TTA purchasing three replacement buses. #1400 scores much higher simply because it is a larger project.

The TCC subcommittee had several concerns about NCDOT's methodology for awarding points. The subcommittee recommends altering the MPO methodology and NCDOT scores to better reflect the relative merits of each project. The alternate score is provided in the table. The alternate scoring methodology produces a list that logically groups similar projects with replacement vehicles at the top of the list.

The MPO has 550 points to distribute to transit projects. Each project can have a maximum of 100 points and a minimum 10 points. For Triangle Transit projects, whatever DCHC allocates will be added to whatever CAMPO allocates on a 50/50 split.

NCDOT's methodology includes a weighting of the MPO's points by tier and goal. The table below displays the contribution towards the final score for the NCDOT's quantitative data and MPO/RPO points.

Tier	Goal	Quantitative Data	MPO/RPO Ranking Points
Statewide	All	75%	25%
Regional	Mobility	25%	75%
Regional	Infrastructure Health	10%	90%
Regional	Safety and Security	25%	75%
Subregional	Mobility	10%	90%
Subregional	Infrastructure Health	10%	90%
Subregional	Safety and Security	25%	75%

The TCC Subcommittee's recommendation is to score projects by project type and assign Triangle Transit half as many points as DATA and CHT projects since Triangle Transit will also receive points from CAMPO.

1. Replacement vehicles: 54/27 points each
2. Expansion vehicles and rail transit design phases: 42/21 points each
3. Park and ride lots, technology, bus rapid transit, bus on shoulder: 28/14 points each

TCC Action: Recommend that the TAC approve the distribution of ranking points for highway and transit projects and the ranking of bicycle and pedestrian projects.

SPOTID	Tier	Goal	Improvement Type	TIP #	Route	Route Name	From / Cross Street	To	Description	MPO Score	MPO Rank	highest state score in tier/goal	Notes	Recommended Points	Reason
												State Score			
945	Subregional	Infrastructure Health	Modernization		SR1110	Barbee Chapel Road/Farrington Road	NC 54	SR 1107 (Stagecoach Road)	Construct bike lanes and sidewalks.	85.339	1	26.044		100	Top Subregional Modernization project by State Score
1013	Statewide	Mobility	Capacity		092 I-040		NC 147	Wade Avenue	Construct Managed Lanes	83.201	2	42.465	Submitted by Division 5. Part in CAMPO, DCHC 37%	0	No points. MPO score only contributes 10% to final score for the Statewide tier. In addition, DCHC's share is 37% of the total MPO score. Division 5 and CAMPO are likely to award points to the project.
632	Subregional	Infrastructure Health	Modernization		SR1717	Jack Bennett Road	US 15/501	SR 1721 (Lystra Rd)	Jack Bennett Rd (SR 1717) (US 15/501 to Lystra Rd (SR 1721) safety improvements.	82.742	3	23.871		50	By MPO Score
375	Subregional	Infrastructure Health	Modernization	U-2909	SR1780	Estes Drive	SR 1772 (Greensboro Street)	NC 86	SR 1772 (Greensboro Street) to NC 86. Widen to add bike lanes, sidewalks, and transit accommodations.	82.557	4	24.653		50	By MPO Score
659	Subregional	Infrastructure Health	Modernization		SR1666	Dearborn Drive	SR 1669 (East Club Boulevard)	SR 1004 (Old Oxford Road)	Construct Bicycle Lanes and Sidewalks	82.274	5	25.762		50	By MPO Score
660	Subregional	Infrastructure Health	Modernization		SR1158	West Cornwallis Road	SR 1306 (Erwin Road)	SR 1127 (Chapel Hill Road)	Construct Bicycle Lanes and Sidewalks	81.307	6	24.653		25	By MPO Score
950	Subregional	Infrastructure Health	Modernization		SR1009	Old NC 86	SR 1777 (Homestead Road)	SR 1727 (Eubanks Road)	Construct bike lanes and sidewalks and transit accommodations.	81.307	6	24.653		25	By MPO Score
951	Subregional	Infrastructure Health	Modernization		SR1727	Eubanks Road	SR 1009 (Old NC 86)	Rogers Road	Construct bike lanes and sidewalks and transit accommodations.	81.307	6	24.653		25	By MPO Score
1096	Subregional	Infrastructure Health	Modernization		068 SR1727	Eubanks Road	SR 1729 (Rogers Road)	NC 86	Construct bicycle lanes, sidewalks, safety and intersection improvements.	80.339	9	23.544		25	By MPO Score
952	Subregional	Infrastructure Health	Modernization		SR1008	Mount Carmel Church Road	US 15-501	Chatham County Line	Construct bike lanes.	80.057	10	24.653		25	By MPO Score
1162	Subregional	Infrastructure Health	Modernization		068 SR1005	Old Greensboro Rd.	SR 2057 (Sturbridge Lane)	Alamance County Line	Add 4-foot paved shoulders	78.807	11	24.653	Part in TARPO, DCHC 22%	0	No points. Request that TARPO assign points to this project. DCHC's share is 22% of the total MPO/RPO score.
949	Subregional	Infrastructure Health	Modernization		SR1900	Old Mason Farm Road/Finley Golf Course Road	NC 54	NC 54/US 15-501 (Fordham Blvd.)	Construct bike lanes and sidewalks.	78.121	12	22.436		25	By MPO Score
958	Subregional	Infrastructure Health	Modernization		SR1006, SR1102	Orange Grove Road, Dodsons Cross Road	I-40	SR 1177 (Dairyland Road)	Add 4' Paved shoulders to accommodate bicycles. This route is designated as North Carolina Bike Route #2.	77.742	13	23.871	Part in TARPO, DCHC 28%	0	No points. Request that TARPO assign points to this project. DCHC's share is 28% of the total MPO/RPO score.
1100	Subregional	Infrastructure Health	Modernization		068 SR1927	Merritt Mill Road	1010 (Franklin Street)	1919 (South Greensboro Street)	Construct bicycle lanes and sidewalks.	76.307	14	22.153		0	
948	Subregional	Infrastructure Health	Modernization		SR1009	Old NC 86	SR 1009 (Hillsborough Road)	SR 1777 (Homestead Road)	Construct bike lanes and sidewalks and transit accommodations.	74.653	15	21.327		0	
408	Subregional	Infrastructure Health	Modernization	U-3436	SR1148, SR1192	Eno Mountain Road, Mayo Street	SR 1006 (Orange Grove Road)		SR 1148 (Eno Mountain Road) and SR 1192 (Mayo Street) at SR 1006 (Orange Grove Road). Realign Intersection and Make Safety Improvements. include bicycle lanes and sidewalks.	72.839	16	21.044		0	
953	Subregional	Infrastructure Health	Modernization		SR1009	Old NC 86	I-40	SR 1727 (Eubanks Road)	Widen outside lanes.	72.557	17	22.153		0	
961	Regional	Infrastructure Health	Modernization		NC086		US 70A	I-40	Construct wide outside lanes.	72.016	18	30.489		100	Top Regional Modernization project by State Score.
365	Subregional	Infrastructure Health	Modernization	U-2805	SR1777	Homestead Road	SR 1009 (Old NC 86)	NC 86	SR 1009 (Old NC 86) to NC 86. Widen to include bicycle lanes, sidewalks, transit accommodations, and safety improvements (design may vary along length).	71.871	19	19.936		0	
1103	Statewide	Infrastructure Health	Modernization		019 US015, 019 US501		400 ft south of SR 1532 (Mann's Chapel Road)	North of SR 1919 (Smith Level Road) at the Orange County Line	Construct either 15' wide outside lanes or 6' bicycle lanes.	71.463	20	34.683		0	
1095	Subregional	Infrastructure Health	Modernization		068 SR1104	Dairyland Road	SR 1111 (Union Grove Church Road)	SR 1006 (Orange Grove Road)	Construct 4-foot paved shoulders on Dairyland Road	70.339	21	21.044	Part in TARPO, DCHC 44%	0	

SPOTID	Tier	Goal	Improvement Type	TIP #	Route	Route Name	From / Cross Street	To	Description	MPO Score	MPO Rank	highest state score in tier/goal	Notes	Recommended Points	Reason
												State Score			
658	Subregional	Infrastructure Health	Modernization		SR1669	Club Boulevard	Ambridge Street	SR 1670 (East Geer Street)	Construct Bicycle Lanes and Sidewalks	70.057	22	19.653		0	
663	Regional	Infrastructure Health	Modernization		NC086	Martin Luther King, Jr. Boulevard	I-40	North Street	Construct Bicycle Lanes and Sidewalks	68.895	23	27.672		0	
826	Subregional	Infrastructure Health	Modernization		SR1843	Seawell School Road	SR 1780 (Estes)	SR 1777 (Homestead)	Seawell School Road (Homestead to Estes) bicycle lanes, sidewalks, transit accommodations, and Intersection safety improvements (design may vary along length)	68.403	24	18.827		0	
641	Subregional	Infrastructure Health	Modernization		SR1780	Estes Drive	NC 86	Caswell Road	Estes Drive (NC 86 to Caswell Road) widen existing roadway to include two 12-foot travel lanes, four-foot bicycle lanes and sidewalks.	67.557	25	19.653		0	
653	Subregional	Infrastructure Health	Modernization		SR1721	Lystra Road	US 15/501	SR 1008 (Farrington Point Road)	Safety improvements.	66.653	26	15.827		0	
944	Regional	Infrastructure Health	Modernization		NC751	Hope Valley Road	SR 1146 (South Roxboro Road)	Martin Luther King, Jr. Parkway	Construct bike lanes and sidewalks.	66.155	27	26.932		0	
637	Subregional	Mobility	Capacity		SR1118	Fayetteville Road	Woodcroft Pkwy	SR 1171 (Riddle Road)	SR 1118 (Fayetteville Road) (Woodcroft Pkwy to Riddle Road (SR 1171)) widen to 4-lane divided, bikelanes and sidewalks.	65.719	28	19.901	May be built by City	100	Top Subregional Mobility project by State Score.
533	Regional	Mobility	Capacity	U-5324C	NC054		SR 1118 (Fayetteville Road)	SR 1106 (Barbee Road)	NC 54 (I-40 east to NC 55) widen to multi-lane divided with transit accommodations, bike lanes, and sidewalks. Section C: SR 1118 (Fayetteville Road) to SR 1106 (Barbee Road).	65.369	29	26.746	Funded for feasibility study and R/W in 2020 in 12-18 TIP	100	To maintain schedule/funding in 12-18 TIP.
666	Regional	Infrastructure Health	Modernization		NC054		US 15/501	SR 1110 (Barbee Chapel Road)	Construct Bicycle Lanes and Sidewalks	65.296	30	27.133		0	
650	Regional	Mobility	Capacity		NC054		I-40	Barbee Chapel Road	NC 54 (I-40 west to Barbee Chapel Rd) widen to 6-lane divided, bicycle, pedestrian, and transit facilities.	64.531	31	30.732		100	Top Regional Mobility project by State Score.
527	Statewide	Infrastructure Health	Modernization	U-5304	US015, US501		NC 86 (Columbia Street)	SR 1742 (Ephesus Church Road)	(US 15/501) Fordham Boulevard (NC 86 (Columbia Street)/US 15/501 South to SR 1742 (Ephesus Church Road)) sidewalks, wide-outside lanes, and transit accommodations.	64.251	32	38.032	Funded for Construction in FY2019 in 12-18 TIP	100	Top Statewide Modernization project by State Score. Also to maintain schedule/funding in 12-18 TIP.
534	Regional	Mobility	Capacity	U-5324D	NC054		SR 1106 (Barbee Road)	NC 55	NC 54 (I-40 east to NC 55) widen to multi-lane divided with transit accommodations, bike lanes, and sidewalks. Section D: SR 1106 (Barbee Road) to NC 55).	64.116	33	27.286	Funded for feasibility study and R/W in 2020 in 12-18 TIP	100	To maintain schedule/funding in 12-18 TIP.
532	Regional	Mobility	Capacity	U-5324B	NC054		NC 751	SR 1118 (Fayetteville Road)	NC 54 (I-40 east to NC 55) widen to multi-lane divided with transit accommodations, bike lanes, and sidewalks. Section B: NC 751 to SR 1118 (Fayetteville Road).	63.801	34	25.707	Funded for feasibility study and R/W in 2020 in 12-18 TIP	100	To maintain schedule/funding in 12-18 TIP.
647	Subregional	Mobility	Capacity		SR1006	New Route - Orange Grove Road	SR 1006 (Orange Grove Road)	US 70A	Orange Grove Road Extension (Orange Grove Road to US 70) with sidewalks and bicycle lanes	63.082	35	16.673		0	
366	Statewide	Mobility	Capacity	U-2807	US015, US501		I-40	US 15/501	I-40 to US 15/501 Bypass in Durham. Major Corridor Upgrade.	62.572	36	28.802		0	
947	Subregional	Infrastructure Health	Modernization		SR1102, SR 1977	Sedwick Road	SR 1100 (Grandale Drive)	SR 1945 (South Alston Avenue)	Construct bike lanes and sidewalks.	62.153	37	16.327		0	
200	Subregional	Mobility	Capacity	R-2825	SR1009	South Churton Street	I-40	Eno River	I-40 to Bridge over Southern Railroad. Widen to Multi-Lanes with landscaped median, bicycle lanes, and sidewalks, widen Bridge No. 240 over Southern Railroad.	60.961	38	18.809		0	
1131	Statewide	Mobility	Capacity		032 I-040		NC 147	US 15/501	Construct 1 Managed Lane per direction (additional 16ft of pavement - 12ft lanes + 4ft pavement for separation with general purpose lanes)	60.831	39	42.339	Submitted by Division 5.	0	
631	Subregional	Infrastructure Health	Modernization		SR1734	Erwin Road	US 15/501	NC 751	US 15/501 to NC 751, bike lanes, sidewalks, and safety improvements (design may vary along length).	60.621	40	17.436		0	
1143	Statewide	Mobility	Capacity		068 US015	Fordham Boulevard	SR 1742 (Ephesus Church Road)	SR 1902 (Manning Drive)	Upgrade road to "Superstreet" with possible interchange at Manning Drive	60.356	41	43.627	Submitted by Division 7. An interchange at US 15-501/Manning Drive is not in the 2035 LRTP.	0	
1305	Subregional	Infrastructure Health	Modernization		086 SR2008	Carmichael Street	US 15/501	Northern Terminus of Roadway	Repave and with bicycle accommodations	59.25	42	15.5		0	

SPOTID	Tier	Goal	Improvement Type	TIP #	Route	Route Name	From / Cross Street	To	Description	MPO Score	MPO Rank	highest state score in tier/goal	Notes	Recommended Points	Reason
												State Score			
1144	Statewide	Mobility	Capacity		068 US015	Fordham Boulevard	East Lakeview Drive	Sage Road	Upgrade road to "Superstreet"	58.878	43	49.924	Submitted by Division 7.	100	Top Statewide Mobility project by State Score. Chapel Hill Council will provide comments on this project.
652	Regional	Mobility	Capacity		NC751	Hope Valley Road	South Roxboro Road	NC 54	NC 751 (S. Roxboro Rd. to NC 54) widen to 4-lane, bike lanes, and sidewalks.	58.759	44	23.521	May be built by City	0	
946	Subregional	Infrastructure Health	Modernization		SR1113	Ephesus Church Road/Pope Road	SR 2220 (Old Durham-Chapel Hill Road)	Orange County Line	Construct bike lanes and sidewalks.	58.686	45	15.218		0	
1033	Subregional	Mobility	Capacity		032 SR1118	Fayetteville Road	Renaissance Parkway	NC 751	Widen roadway to four lanes with a median and bicycle, pedestrian and transit facilities as appropriate.	58.106	46	15.588		0	
1014	Statewide	Mobility	Capacity		092 I-540		I-40	US 64 Bypass	Convert Freeway to Tolloed Facility and widen to 8 lanes	57.87	47	21.993	Part in CAMPO, DCHC 2%	0	
859	Subregional	Mobility	Capacity			New Route - T.W. Alexander Drive Extension	West of Brier Creek Pkwy	Leesville Road	Extension of TW Alexander Drive (4 lanes new location)	57.337	48	8.0627	Part in CAMPO, DCHC 46%	0	
1036	Statewide	Mobility	Capacity		068 NC086		US 70 Bypass	North of NC 57	Widen roadway to four lanes with a median and improve intersections at US 70 Bypass and NC 57 .	57.186	49	28.738		0	
997	Statewide	Mobility	Capacity		032 NC147	Durham Freeway	I-40	East End Connector	Widen roadway to 6 lanes and rehabilitate pavement	56.822	50	25.192		0	
531	Regional	Mobility	Capacity	U-5324A	NC054		I-40	NC 751	NC 54 (I-40 east to NC 55) widen to multi-lane divided with transit accommodations, bike lanes, and sidewalks. Section A: I-40 to NC 751.	56.723	51	21.901	Funded for feasibility study and R/W in 2020 in 12-18 TIP	100	To maintain schedule/funding in 12-18 TIP.
649	Subregional	Infrastructure Health	Modernization		SR1762	Jeremiah Drive	SR 1721 (Lystra Road)	End of Road	Elevate road for flood control.	56.25	52	12.5		0	
655	Subregional	Mobility	Interchange/Intersection		SR1780	Estes Drive	SR 1772 (Greensboro Street)		SR 1780 (Estes Drive)/SR 1772 (Greensboro Street) construct roundabout.	55.115	53	17.81		0	
1005	Subregional	Mobility	Capacity		032 SR1940	Glover Road	NC 147	SR 1926 (Angier Avenue)	Convert existing grade separation at NC 147 to an interchange and widen roadway to four lanes with a median and bicycle, pedestrian, and transit facilities as appropriate.	54.428	54	10.186		0	
937	Statewide	Mobility	Interchange/Intersection		US015, US501		SR 1742 (Ephesus Church Road)		Intersection Improvements	54.202	55	24.065		0	
239	Subregional	Mobility	Capacity	R-3438		New Route - Hillsborough Western Bypass	US 70	NC 57	US 70 to NC 57. Two Lanes on New Location.	53.647	56	11.603	Not in 2035 LRTP	0	
654	Subregional	Mobility	Interchange/Intersection		SR1010	Franklin Street/East Main Street	Merritt Mill Road (SR 1771)/Brewer Lane		Franklin Street/Merritt Mill Road/Brewer Ln/E Main Street Intersection improvements.	52.907	57	14.638		0	
651	Subregional	Mobility	Capacity		SR1004	Old Oxford Highway	29000501 (Roxboro Road)	Hamlin Road	Old Oxford Highway (Roxboro Road to Hamlin Road) expand capacity, bike lanes, and sidewalks.	52.598	58	15.716		0	
372	Subregional	Mobility	Capacity	U-2831B		New Route - Briggs Avenue Extension	Riddle Road	SR 1951 (So-Hi Drive)	Riddle Road to SR 1951 (So-Hi Drive). Two Lanes on Multi-Lane Right of Way.	51.742	59	10.163		0	
1034	Subregional	Mobility	Capacity		032 SR1146	S. Roxboro St.	SR 1158 (Cornwallis Rd)	Martin Luther King, Jr. Parkway	Widen existing roadway to multi-lanes and construct on new location multi-lane roadway with bicycle, pedestrian	51.217	60	18.02	May be built by City	0	
326	Regional	Mobility	Capacity	U-2405		New Route - Martin Luther King, Jr. Parkway Extension	NC 55	Cornwallis Road	NC 55 to Cornwallis Road. Pedestrian, bicycle, and transit facilities.	50.605	61	16.338		0	
1011	Regional	Mobility	Capacity		032 NC751		NC 54	Renaissance Parkway	Widen roadway to four lanes with a median with bicycle, pedestrian and transit facilities as appropriate.	49.251	62	17.212		0	
10	Statewide	Mobility	Capacity	I-3306A	I-040		I-85	US 15/501	I-85 in Orange County to NC 147 (Buck Dean Freeway) in Durham County. Add Additional Lanes. Section A: I-85 to US 15/501.	49.014	63	29.426	Funded for Construction in FY2019-2020 in 12-18 TIP	0	No points. MPO score only contributes 10% to final score for the Statewide tier.
487	Subregional	Mobility	Capacity	U-4716D	SR1978	Hopson Street	SR 1999 (Davis Drive)	NC 54 (Miami Blvd)	Widen to multi-lanes.	48.757	64	10.373		0	

SPOTID	Tier	Goal	Improvement Type	TIP #	Route	Route Name	From / Cross Street	To	Description	MPO Score	MPO Rank	highest state score in tier/goal	Notes	Recommended Points	Reason
												State Score			
1056	Subregional	Mobility	Interchange/Intersection		068 SR1771		1008 (Mount Carmel Church Road)	1913 (Bennett Road)	Construct roundabout and related safety improvements at the existing intersection of Mount Carmel Church Road and Bennett Road.	47.574	65	10.216		0	
558	Regional	Mobility	Capacity			I-85/US 70 Connector	US 70		Reconstruct interchange to allow for full movements	46.314	66	10.528	DCHC 98%	0	
7	Statewide	Mobility	Capacity	I-0305B	I-085		East of SR 1709	Durham County Line	I-40 at Hillsborough to Durham County Line. Widen to Six Lanes and Reconstruct Interchanges and Structures. Section B: East of SR 1709 to Durham County Line.	45.827	67	21.122	Funded for R/W in FY 2019-2010 in 12-18 TIP	0	No points. MPO score only contributes 10% to final score for the Statewide tier.
555	Regional	Mobility	Capacity		NC751		US 64	Durham County Line	Widen to 4 lanes with bicycle lanes on existing location.	40.588	68	15.643	Not in 2035 LRTP, part in TARPO, DCHC 60%	0	
1018	Regional	Mobility	Capacity		032 NC751		Renaissance Parkway	1118 (Fayetteville Road)	Widen roadway to four lanes with a median and bicycle, pedestrian and transit facilities as appropriate.	37.648	69	13.147		0	
1097	Statewide	Infrastructure Health	Modernization		032 NC147		East End Connector	US 15/501	Modernization, pavement Rehabilitation and ramp consolidations/interchange upgrades	35.862	70	12.671		0	
6	Statewide	Mobility	Capacity	I-0305A	I-085		SR 1006 near Hillsborough	East of SR 1709	I-40 at Hillsborough to Durham County Line. Widen to Six Lanes and Reconstruct Interchanges and Structures. Section A: SR 1006 near Hillsborough to East of SR 1709.	31.773	71	15.229	Funded for R/W in FY 2019-2010 in 12-18 TIP	0	No points. MPO score only contributes 10% to final score for the Statewide tier.

SPOT ID	Route Name	From	To	Description	Name and Short Description	Counties	Total Cost (Sum)	MPO Score	MPO Rank	State Score	Notes	Recommended Rank
1493	Rocky Creek Greenway Trail Extension	Current trail terminus at NC 55	Kelly Bryant Bridge over NC 147 (Durham Freeway)	Rocky Creek Trail (NC 55 to Kelly Bryant Bridge) – Shared Use Path	Rocky Creek Greenway Trail Extension - (NC 55 to Kelly Bryant Bridge) – Shared Use Path	Durham	\$1,785,000	92.8	1	52	Used v/c on NC 55	1
1501	1919 (Greensboro Street)	Weaver Street	Shelton Street	N. Greensboro St. corridor from Weaver St. to Shelton St. – bicycle and pedestrian improvements (paint, median, sharrows, bicycle signal detection, etc.)	1919 - N. Greensboro St. corridor from Weaver St. to Shelton St. – bicycle and pedestrian improvements (paint, median, sharrows, bicycle signal detection, etc.)	Orange	\$200,000	73.3	2	60	This project was originally envisioned as a highway safety project. The road will be resurfaced next year and sharrows will be requested. Description should be changed to add bike lanes, median, and bicycle signal detection.	2
1524	1008 (Mount Carmel Church Road)	US 15-501	1913 (Bennett Road)	SR 1008 (Mount Carmel Church Rd) (US 15-501 to Bennett Rd) sidewalks and bicycle lanes.	SR 1008 (Mount Carmel Church Rd) (US 15-501 to Bennett Rd) sidewalks and bicycle lanes.	Orange	\$375,000	65.0	3	60	Overlaps with highway project #952. Subcommittee recommends ranking this project since the longer/more expensive highway project is unfunded.	3
1497	Campus to Campus Connector	Broad Street	1843 (Seawell School Road)	Campus to Campus Connector (Broad St. to Seawell School	Campus to Campus Connector (Broad St. to Seawell School	Orange	\$900,000	64.7	4	52	Used v/c on Estes	4
2054	Morgan Creek Phase 3 in Chapel Hill	End of Phase 2	Carrboro Town Limits	Morgan Creek Phase II (from the end of Phase I to Carrboro	Morgan Creek Phase 3 in Chapel Hill - from the end of	Orange	\$3,700,000	61.7	5	35	Used v/c on Fordham	5
1530	Bolin Creek Greenway Trail Phase IV	Umstead Park	Carolina North	Bolin Creek Phase IV (Umstead Park to Carolina North, follow	Bolin Creek Greenway Trail Phase IV - (from Umstead Park	Orange	\$3,100,000	61.4	6	52	used v/c on Estes	
1498	Horace Williams Greenway	1777 (Homestead Road) and Carolina North	Chapel Watch Village	Horace Williams Greenway: Chapel Watch Village to	Horace Williams Greenway - Chapel Watch Village to	Orange	\$3,000,000	60.8	7	56	Used v/c on NC 86	
1500	Morgan Creek Greenway Trail - Carrboro Section	University Lake	Existing Trail	Morgan Creek Greenway in Carrboro - Construct a multi-	Morgan Creek Greenway in Carrboro - Construct a multi-	Orange	\$3,120,000	58.9	8	48	Used v/c on Fordham	
1494	Duke Beltline Rail-Trail	1127 (Chapel Hill Street)	Y east of NC 55 (Avondale Drive)	Duke Beltline Trail – Shared Use Path	Duke Beltline Rail-Trail - Shared Use Path	Durham	\$2,750,000	57.5	9	42	used v/c on Mangum/Roxboro	
1522	NC 54 Sidepath	James Street	Anderson Park Entrance	NC 54 Sidepath (James St to Anderson Prk) multi-use path.	NC 54 Sidepath (James St to Anderson Prk) multi-use path.	Orange	\$700,000	56.7	10	58		
1529	US 15-501 (Fordham Boulevard) Overpass /	1902 (Manning Drive)	Old Mason Farm Road	US 15-501 (Fordham Blvd) pedestrian and bicycle	US 15-501 (Fordham Blvd) pedestrian and bicycle	Orange	\$2,300,000	55.0	11	42	Overlaps with highway project #1143.	
1531	Bolin Creek/Little Creek Greenway Trail	Estes Drive Extension at Chapel Hill Community Center	Pinehurst Drive	Bolin Creek/Little Creek Greenway (Chapel Hill	Bolin Creek/Little Creek Greenway Trail (Chapel Hill	Orange	\$3,200,000	54.7	12	52	Used v/c on Estes	
1525	1727 (Eubanks Road)	1729 (Rogers Road)	NC 86 (Martin Luther King Boulevard)	SR 1727 (Eubanks Rd) (Rogers Rd to NC 86) bicycle lanes.	SR 1727 (Eubanks Rd) (Rogers Rd to NC 86) bicycle lanes.	Orange	\$824,000	51.7	13	54	Same as highway project #1096.	
1492	1103 (Scott King Road)	1118 (Fayetteville Road)	1100 (Grandale Road)	Scott King Road (Fayetteville Rd. to Grandale Rd.) – On-road	1103 - Scott King Road (Fayetteville Rd. to Grandale	Durham	\$630,000	50.6	14	46		
1495	NC 751	1307 (Erwin Road)	US 70 Business (Hillsborough Road)	NC 751 (Erwin Rd. roundabout to Hillsborough Rd./US 70) –	NC 751 - Erwin Rd. roundabout to Hillsborough Rd./US 70 – On-	Durham, Orange	\$860,000	49.7	15	48		
1496	1401 (Cole Mill Road)	1404 (Rose of Sharon Road)	Orange County Line	Cole Mill Road (Rose of Sharon Rd. to Orange County line) –	1401 - Cole Mill Road (Rose of Sharon Rd. to Orange County	Durham	\$725,000	43.1	16	46		
1919	SR 1006 (Orange Grove Road)	I-40	SR 1102 (Dodsons Cross Road)	Orange Grove Rd (SR1006), Orange County, Bicycle 4'	SR 1006 (Orange Grove Road) - Orange County, Bicycle 4'	Orange	\$40,920	37.5	17	50	Part in TARPO	
1499	Dry Creek Trail Phase 1	Perry Creek Road	1734 (Erwin Road)	Dry Creek Trail: Phase 1 Perry Creek Road to Erwin Road	Dry Creek Trail Phase 1 - Perry Creek Road to Erwin Road	Orange	\$1,250,000	37.5	18	48	Used v/c on Erwin	

SPOT ID	Route Name	From	To	Description	Name and Short Description	Counties	Total Cost (Sum)	MPO Score	MPO Rank	State Score	Notes	Recommended Rank
1885	Buckhorn Rd (SR 1114)	US 70	SR 1146 (Old Ten Road)	Buckhorn Rd Bike Lane Widening (SR 1114) 4' Paved	Buckhorn Rd (SR 1114) - Bike Lane Widening - (SR 1114) - 4'	Orange	\$470,085	35.8	19	35	Part in TARPO and BGMPO	
1905	SR 1102 (Dodsons Cross Road)	SR 1177 (Dairyland Road)	SR 1006 (Orange Grove Road)	Dodson's Crossroads Road; add 4' paved shoulders.	SR 1102 (Dodsons Cross Road) - add 4' paved shoulders.	Orange	\$364,320	32.5	20	50	Part in TARPO	

SPOT ID	Route Name	From	To	Description	Name and Short Description	Counties	Total Cost (Sum)	MPO Score	Rank	State Score	Notes	Recommended Rank
1505	US 501 Bypass (Duke Street)	Murray Avenue	US 501 Business (Roxboro Road)	Duke Street (Murray Ave. to Roxboro Rd.) – Sidewalks	US 501 Bypass - Duke Street (Murray Ave. to Roxboro Rd.) –	Durham	\$1,150,000	85.6	1	57		1
1502	NC 54	NC 55	City Limits (Research Triangle Park)	NC 54 (NC 55 to RTP) – Sidewalks	NC 54 (NC 55 to RTP) – Sidewalks	Durham	\$380,000	83.9	2	57	Only a short portion is within the City limits. Suggest pursuing STPDA or CMAQ funding instead of Bike/Ped Division Funds.	
1503	US 501 Business (Roxboro Road)	Murray Avenue	Pacific Avenue	Roxboro Road (Pacific Ave. to Murray Ave.) – Sidewalks	US 501 Business - Roxboro Road (Pacific Ave. to Murray	Durham	\$350,000	83.1	3	55		2
1514	1118 (Fayetteville Street)	1158 (Cornwallis Road)	NC 147 (Durham Freeway)	SR 1118 (Fayetteville St) (SR 1158 (W Cornwallis Rd) to NC 147) sidewalks and streetscape enhancements	SR 1118 (Fayetteville St) from SR 1158 (W Cornwallis Rd) to NC 147 sidewalks and streetscape enhancements	Durham	\$775,000	80.6	4	57	Streetscape project; Since sidewalks mostly already exist, NCDOT Bike/Ped Division would not fund this project. Subcommittee recommends withdrawing the project.	
1520	NC 98 (Holloway Street)	1838 (Junction Road)	1919 (Chandler Road)	NC 98 (Holloway St) (SR 1838 (Junction Rd) to SR 1919	NC 98 (Holloway St) (SR 1838 (Junction Rd) to SR 1919	Durham	\$810,000	78.9	5	57		3
1506	1443 (Horton Road)	NC 157 (Guess Road)	US 501 (Roxboro Road)	Horton Road (Guess Rd. to Roxboro Rd.) – Sidewalks	1443 - Horton Road (Guess Rd. to Roxboro Rd.) – Sidewalks	Durham	\$525,000	77.2	6	57		4
1515	1127 (Chapel Hill Street)	1127 (Kent Street)	Buchanan Boulevard	W Chapel Hill Street (Kent St to Buchanan Blvd) sidewalks and streetscape enhancements	1127 - W Chapel Hill Street (Kent St to Buchanan Blvd) sidewalks and streetscape enhancements	Durham	\$80,000	75.6	7	52	Streetscape project; Since sidewalks mostly already exist, NCDOT Bike/Ped Division would not fund this project. Subcommittee recommends withdrawing the project.	
1517	Main Street	Commerce Street	NC 55 (Alston Avenue)	E Main St (Hood St to NC 55 (Alston Ave)) sidewalks and streetscape enhancements	E Main St from Hood St to NC 55 (Alston Ave) sidewalks and streetscape enhancements	Durham	\$150,000	70.6	8	57	Streetscape project; Since sidewalks mostly already exist, NCDOT Bike/Ped Division would not fund this project. Subcommittee recommends withdrawing the project.	
1504	Cook Road	1118 (Fayetteville Road), near Hillside High School	Martin Luther King Jr. Parkway	Cook Road (Fayetteville Rd. near Hillside High to Martin	Cook Road (Fayetteville Rd. near Hillside High to Martin	Durham	\$420,000	68.9	9	57		5
1523	US 15-501 (Fordham Boulevard)	1742 (Ephesus Church Road)	Elliott Road	US 15-501 (Fordham Boulevard) (SR 1742 (Ephesus Church Rd) to Elliott Rd) sidewalks.	US 15-501 (Fordham Boulevard) (SR 1742 (Ephesus Church Rd) to Elliott Rd) sidewalks.	Orange	\$175,000	68.3	10	60	Overlaps with highway project #527 which is funded in FY 2019 in the 12-18 TIP. Subcommittee recommends pursuing sidewalk through this project.	
1507	1010 (Main Street)	1009 (Hillsborough Road)	1005 (Jones Ferry Road)	W. Main St. – Install improved pedestrian crossings and	1010 - W. Main St. – Install improved pedestrian crossings	Orange	\$132,480	67.2	11	57		
1527	1919 (Greensboro Street)	Old Pittsboro Road	1771 (Merritt Mill Road)	SR 1919 (S Greensboro St) (Old Pittsboro Rd to SR 1771	SR 1919 (S Greensboro St) from Old Pittsboro Rd to SR	Orange	\$635,000	62.2	12	52		
1519	US 15-501 (Mangum Street)	Broadway Street	Miosha Street	US 15-501 Business (N Mangum St)-Corporation St intersection sidewalks and streetscape enhancements in Old Five Points area	US 15-501 Business (N Mangum St)-Corporation St intersection sidewalks and streetscape enhancements in Old Five Points area	Durham	\$80,000	60.6	13	52	Streetscape project; Since sidewalks mostly already exist, NCDOT Bike/Ped Division would not fund this project. Subcommittee recommends withdrawing the project.	
1521	Main Street	Gary Street	Driver Street	E Main St (Gary St to S Driver St) sidewalks.	E Main St (Gary St to S Driver St) sidewalks.	Durham	\$275,000	55.6	14	52	Existing sidewalks on one side of street. Used AADT on Main in downtown	

SPOT ID	Route Name	From	To	Description	Name and Short Description	Counties	Total Cost (Sum)	MPO Score	Rank	State Score	Notes	Recommended Rank
1511	US 15-501	1532 (Mann's Chapel Road)	N/A	US 15-501 at Mann's Chapel Rd. - Add pedestrian refuge	US 15-501 at Mann's Chapel Rd. - Add pedestrian refuge	Chatham	\$300,000	54.2	15	43		
1528	Cleland Drive / Burning Tree Drive	US 15-501	NC 54	Cleland Dr/Burning Tree Dr (Cleland Dr and Burning Tree	Cleland Drive / Burning Tree Drive - sidewalks.	Orange	\$440,000	50.6	16	48		
1508	1782 (Estes Drive)	1772 (Greensboro Street)	Town Limits	Estes Dr. – Construct a sidewalk on the south side of	1782 - Estes Dr. – Construct a sidewalk on the south side of	Orange	\$550,000	49.7	17	42		
1509	1009 (Old NC 86)	1777 (Homestead Road)	1727 (Eubanks Road)	Old NC 86 – Construct a sidewalk on the east side of the	1009 - Old NC 86 – Construct a sidewalk on the east side of the	Orange	\$520,670	36.4	18	42		
1510	1006 (Orange Grove Road)	1221 (New Grady Brown School Road)	Timbers Drive	SR 1006, Orange Grove Road, at Interstate 40: Construct a	SR 1006, Orange Grove Road, at Interstate 40: Construct a	Orange	\$1,010,000	27.2	19	32		

SPOT ID	GOAL	TIER	Transit Partners and Providers	STIP#	DESCRIPTION	Adopted Methodology		Alternative MPO Methodology		State Score	Recommended Points	Notes
						MPO Score	MPO Rank	MPO Score	MPO Rank			
1410	health	sub regional	CHAPEL HILL TRANSIT	TA-4748	Replacement Van - Paratransit	62.50	1	62.18	1	27.0	54	
1411	health	sub regional	DURHAM AREA TRANSIT AUTHORITY / DATA	TA-5019A	Replacement Van - Paratransit	22.98	13	45.79	2	5.0	54	
1400	health	sub regional	DURHAM AREA TRANSIT AUTHORITY / DATA	TA-4923	Replacement Bus - fixed route	62.34	2	41.70	3	26.7	54	
1394	health	regional	TRIANGLE TRANSIT	TA-4818	Replacement Bus	18.21	15	40.50	4	3.1	27	
1415	health	regional	TRIANGLE TRANSIT	TA-5107	Replacement Van - vanpool	27.11	9	37.50	5	7.9	27	
1391	health	sub regional	CHAPEL HILL TRANSIT	TA-4726A	Replacement Bus	49.78	3	35.66	6	19.6	54	
1342	mobility	sub regional	DURHAM AREA TRANSIT AUTHORITY / DATA	TA-4755	Expansion Bus	42.34	4	33.41	7	35.4	42	The TIP Subcommittee questioned the need for expansion vehicles for DATA in FY 2013-2015 considering the current fleet levels and the City's ability to provide a local match.
1385	mobility	regional	TRIANGLE TRANSIT	TE-4903A	Fixed Guideway - Raleigh-Rtp-Durham Design Phase 1	24.63	11	30.67	8	5.2	21	
1384	mobility	regional	TRIANGLE TRANSIT	TE-4903B	Fixed Guideway - Chapel Hill-Durham Design Phase 1	23.38	12	30.06	9	5.2	42	
1344	mobility	regional	TRIANGLE TRANSIT	TA-5123	Expansion Bus	31.77	6	29.49	10	19.6	21	
1373	mobility	sub regional	DURHAM AREA TRANSIT AUTHORITY / DATA	TD-5267	Facility - Park & Ride, 2 Lots	30.30	7	24.85	11	12.3	28	
1372	mobility	regional	TRIANGLE TRANSIT	TD-4941	Facility - Park & Ride Regional Expansion	21.05	14	22.57	12	4.3	14	
1368	mobility	sub regional	CHAPEL HILL TRANSIT	TD-4710	Facility - Park & Ride	37.99	5	22.35	13	17.8	28	
1370	mobility	regional	PIEDMONT AUTHORITY FOR REGIONAL TRANSPORTATION	TD-5268	Facility - Park & Ride in Buckhorn Economic Development District in Orange County	26.19	10	18.93	14	11.2	28	The TIP Subcommittee questioned if this lot would be considered by TTA as part of their Park and Ride Regional Expansion project. The Subcommittee also questioned if BGMPPO would be allotting points to this project. (TARPO does not get to assign points to urban transit system projects.)
1418	mobility	regional	TRIANGLE TRANSIT	TT-5213	Technology - Regional Fare System Upgrade	17.71	16	18.75	15	12.7	14	
1383	mobility	sub regional	CHAPEL HILL TRANSIT	TE-5203	Fixed Guideway - Bus Rapid Transit Operational Improvements (plan 2013, con 2014)U-5119	28.80	8	14.84	16	14.3	28	
1354	mobility	regional	TRIANGLE TRANSIT	TD-4944	Facility - I-40 Bus Bypass Shoulder Project.	16.88	17	13.01	17	7.3	14	

maximum points

550

2040 Long Range Transportation Plan (LRTP) Comprehensive Transportation Plan (CTP) Summarized Development Schedule

Public Involvement Activities	
W = Public Workshops/meetings	H = Public Hearings
N = LRTP Newsletter	O = Other Public Involvement Activities
M = Mailing List - flyers, information, materials	

(bold/blue block) = TAC task/action
(light/blue crosshatch) = First TAC review or action
(light grey block) = task/action

Task ID#	Plan Tasks	Pub. Involve.	2011					2012						2013											
			Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
1	2040 LRTP Work Plan and Schedule -- develop, review and endorse				(light/blue crosshatch)		(bold/blue block)																		
2	2040 LRTP Public Involvement Plan -- update, release for comment, conduct hearing and approve	M, H				(light/blue crosshatch)		(bold/blue block)																	
3	Goals & Objectives and Targets -- develop, release for comment, conduct hearing, and adopt	N, M, H, O				(light/blue crosshatch)		(bold/blue block)																	
4	Socio-economic Data (SE Data) -- develop, release for comment, conduct hearing and approve for use in 2040 LRTP	M, H, O					(light/blue crosshatch)		(bold/blue block)																
5	Triangle Regional Model (TRM) -- update model, complete Base Year validation, verify network, and TAC approve					(light/blue crosshatch)		(bold/blue block)																	
6	Deficiency Analysis and Needs Assessment -- generate deficiency analysis, develop needs assessment, and TAC review and comment						(light/blue crosshatch)		(bold/blue block)																
7	Financial Plan -- Preliminary forecasts for Alts. Analysis; final forecasts for Preferred Option																								
8	Alternatives Analysis -- establish evaluation criteria, generate and evaluate alternatives, conduct workshops and public hearing, other agency and local review, TAC select Preferred Option	W, N, M, H, O																							
9	CTP Projects -- Same tasks as #8 (Alternatives Analysis) except most of CTP report will be drafted, and NC Bd. of Transportation needs to approve after TAC approval.	W, N, M, H, O																							
10	Incorporated Studies -- Freight; Purpose & Need; Environmental Justice; Resource agency review (4F); Planning Factors; and, Indirect & Cumulative																								
11	Adoption of 2040 LRTP -- release fiscally-constrained 2040 LRTP full report for public comment, conduct hearing, receive local review, and approve Plan	N, M, H, O																							
12	CTP Report -- Write full CTP report (includes purpose & need, etc.), release for public comment, conduct workshop, TAC adopt final CTP Report, NC BOT approves final CTP Maps.	N, M, H, O																							
13	AQ Conformity Determination -- prepare networks, conduct emissions analysis and prepare draft report	N, H, O																							
14	Final LRTP/AQ Conformity Adoption -- release full report for comment, conduct public hearing, TAC approve full report, and federal agency approval	M, H																							
▶	Conformity Lapse Date -- June 15, 2013																								

MEMORANDUM

TO: Technical Coordinating Committee (TCC)
DCHC MPO

FROM: Lead Planning Agency

DATE: October 26th, 2011

RE: New Freedom – Program of Projects Update

The available funds are from two sources – Job Access/Reverse Commute (JARC) and New Freedom (NF). JARC funds are intended to fund “the development and maintenance of transportation services designed to transport welfare recipients and eligible low-income individuals to and from jobs and activities related to their employment”. NF funds are intended to provide improved public transportation services and alternatives to public transportation for people with disabilities beyond those required by the Americans with Disabilities Act of 1990 (ADA). Eligible applicants for both programs include state or local governments, private non-profit organizations, and operators of public transportation services including private operators of public transportation services. Funds may be used for planning, capital, or operating costs. Funds can be used to support up to 80 percent for capital projects, and not more than 50 percent for operating assistance.

As required by the FTA, the DCHC MPO created a Coordinated Public Transit - Human Services Transportation Plan to guide the selection and funding of future JARC and NF projects. The TAC approved this plan in March 2007. The DCHC MPO has held three Calls for Projects in 2007, 2008, and 2009 for the MPO’s FY 2006- FY 2009 JARC and NF funds using the procedures outlined in the Coordinated Public Transit - Human Services Transportation Plan. The DCHC MPO has allocated all of the FY 2007, 2008 and a portion of FY 2009 funds. The remainder of FY 2009, and the 2010 & 2011 appropriation funds were made available during FY 2011’s Call for Projects.

Amendment

The amendment proposed to reduce our Federal grant amount in the New Freedom grant by \$64,461. The proposed amendment to the 2006-2009 New Freedom POP details are as follows:

- Cancel - CHT & OPT Elderly population feeder service project (approved 5/15/08)
 - Operating Assistance - Federal Grant Amount = \$48,800 – project has made any progress in 3 years.
- Reduce – TTA & CHT Paratransit Eligibility Assessment (approved 6/13/2007)
 - Operating Assistance – Federal Grant Amount = \$13,540 TTA and CHT have opted not to utilize these grant funds that were allocated to them as part of a joint

contract with DATA. DATA also explored the option of continuing their assessments beyond their funding allocation to use the other funds but were unable to secure the 50% local match to take advantage of the unused funds.

- Reduce - Applicable administrative cost - \$2,121
 - The overall Federal grant amount is being reduced from \$232,171 to \$169,831. Admin cost cannot exceed 10% of the overall program of projects; therefore the admin cost will be reduced from \$19,104 to \$16,983.)

Funding Availability

The MPO has also received New Freedom appropriations for FFY2006 – FFY2011. The following is the current New Freedom funding availability:

	FFY 2009 Unprogrammed Balance	\$	10,769
	FFY 2010 Appropriation	\$	87,757
	FFY 2011 Appropriation	\$	88,210
	Total Funding Available for programming	\$	186,736
	New Freedom - 2011 POP - Approved	\$	132,660
	Balance Available for future NF programming	\$	54,076

The remainder of \$54,076 is available for future New Freedom programming, and is not in subject to lapsing until 2014. LPA staff will be working with FTA to confirm that \$64,461 total Federal grant from prior year obligated amounts will not lapse.

2006 - 2009 PROGRAM OF PROJECTS

FTA Section New Freedom (5317)

MPO Approval Date	Sub-Recipient	Agency Type	Project Status	Project Description	Project Type	PROJECT COSTS	
						Total Cost	Federal Share
6/13/2007	DURHAM	Governmental	In-Progress	Administrative	Administration	\$ 5,745	\$ 5,745
5/14/2008	DURHAM	Governmental	COMPLETE	Administrative	Administration	\$ 6,206	\$ 6,206
5/13/2009	DURHAM	Governmental	COMPLETE	Administrative	Administration	\$ 7,153	\$ 7,153
5/14/2008	CHT & OPT	Public Transit	DELAYED	Elderly population feeder service	Operating	\$ 97,600	\$ 48,800
6/13/2007	DATA/TTA/CHT	Public Transit	COMPLETE	Paratransit Eligibility Assessment	Operating	\$ 35,000	\$ 17,500
5/13/2009	DATA	Public Transit	COMPLETE	Taxicab service to supplement ACCESS service	Operating	\$ 140,760	\$ 70,380
5/13/2009	DCCSC	Non-profit	In-Progress	Travel Training / Mobility Manager	Capital	\$ 31,357	\$ 20,000
5/13/2009	CHT	Public Transit	COMPLETE	Go Triangle Regional Transit Information Center	Capital	\$ 50,614	\$ 40,491
5/14/2009	CHT	Public Transit	COMPLETE	Mobility Manager	Capital	\$ 70,000	\$ 35,000
MPO Approved Funding - Obligated						Total:	\$ 251,275

9/28/2011	DURHAM	Governmental	Reduce	Administrative	Administration	\$ (2,121)	\$ (2,121)
9/28/2011	CHT & OPT	Public Transit	Cancel	Elderly population feeder service	Operating	\$ (97,600)	\$ (48,800)
9/28/2011	TTA/CHT	Public Transit	Reduce	Reduction in Paratransit Eligibility Assessment	Operating	\$ (27,080)	\$ (13,540)
Proposed Adjustments						Total:	\$ (64,461)

DCHC MPO Appropriations	FFY 2006	\$ 71,878
	FFY 2007	\$ 71,810
	FFY 2008	\$ 77,573
	FFY 2009	\$ 89,416
	FFY 2010	\$ 87,757
	FFY 2011	\$ 88,210
Total:		\$ 486,644

Prior Balance (FFY 2009)-unobligated	\$ 10,769
FFY 2010 Appropriation:	\$ 87,757
FFY 2011 Appropriation:	\$ 88,210
Remaining Balance Unobligated :	<u>\$ 186,736</u>

1. Status/Summary:

CHT and Orange County Public Transit (OPT) staff have identified common trips for the elderly in the Chapel Hill Transit service area and are in the final stages of route and schedule design. This new service will help improve demand response transit services throughout Orange County.

2. Accomplishments & resolutions:

Common origins and destinations have been identified and preliminary routing and a schedule have been determined.

3. Deliverables:

Proposed route, schedule and marketing materials are being developed.

4. Future accomplishment/deliverables with target dates:

Route and schedule should be finalized in December with a January 2012 implementation date. Staff will finalize marketing materials and implement a public information plan in the next couple of months.

5. Active issues & Challenges:

Finalizing the schedule and public information plan.

6. Significant Project changes (dates and/or activities)

The project has incurred some delay due to changes in staff at CHT and OPT. Key staff for this project from both agencies has been out on extended medical leave for significant periods of time during the period of performance for this grant.

RESOLUTION

TO APPROVE AMENDMENT #3 TO THE FY 2010-2011 UNIFIED PLANNING WORK PROGRAM OF THE DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION (DCHC MPO)

November 9, 2011

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 2010-2011 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 2010-2011.

Now, therefore, be it resolved that the Transportation Advisory Committee hereby endorses Amendment #3 of the Durham-Chapel Hill-Carrboro Urban Area Unified Planning Work Program for the FY 2010-2011 as described in the attached sheets.

I, Lydia E. Lavelle, TAC Chair, do hereby certify that the above is a true and correct copy of an excerpt from the minutes of a meeting of the Durham-Chapel Hill- Carrboro Urban Area Transportation Advisory Committee, duly held on the 9th day of November, 2011.

Lydia E. Lavelle, TAC Chair

Durham County, North Carolina

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

Date: November 9th, 2011

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

**Durham-Chapel Hill-Carrboro Urban Area
FY 2010-2011 Unified Planning Work Program
Detail Funding Source Tables - FHWA/FTA Funds**

TCC 10/26/2011 Attachment 9

10/20/2011 11:12

MPO-Wide Detail Funding Tables
Amendment #3 Details

II A	Task Description	SPR Highway		STP-DA 133(b)(3)(7)		Sec. 104(f) PL		Section 5303 Highway/Transit			Section 5307 Transit			Section 5309 Transit			Task Funding Summary FINAL FIGURES AFTER AMENDMENT #3			
		NCDOT 20%	FHWA 80%	Local 20%	FHWA 80%	Local 20%	FHWA 80%	Local 10%	NCDOT 10%	FTA 80%	Local 10%	NCDOT 10%	FTA 80%	Local 25%	NCDOT 25%	FTA 50%	Local	NCDOT	Federal	Total
		1	Traffic Volume Counts	0	0	4,725	18,900	90	360	0	0	0	0	0	0	0	0	0	\$ 4,815	\$ -
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	825	3,300	48	192	0	0	0	0	0	0	0	0	0	\$ 873	\$ -	\$ 3,492	\$ 4,365
5	Transit System Data	0	0	13,750	55,000	0	0	9,731	9,731	77,851	9,923	9,923	79,387	0	0	0	\$ 33,405	\$ 19,655	\$ 212,238	\$ 265,298
6	Dwelling Unit, Pop. & Emp. Change	0	0	3,750	15,000	3,313	13,250	0	0	0	0	0	0	0	0	0	\$ 7,063	\$ -	\$ 28,250	\$ 35,313
7	Air Travel	0	0	125	500	325	1,300	0	0	0	0	0	0	0	0	0	\$ 450	\$ -	\$ 1,800	\$ 2,250
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	2,385	9,540	625	625	5,000	0	0	0	0	0	0	\$ 3,010	\$ 625	\$ 14,540	\$ 18,175
10	Mapping	0	0	5,000	20,000	5,627	22,506	2,500	2,500	20,000	0	0	0	0	0	0	\$ 13,127	\$ 2,500	\$ 62,506	\$ 78,133
11	Central Area Parking Inventory	0	0	1,250	5,000	0	0	0	0	0	0	0	0	0	0	0	\$ 1,250	\$ -	\$ 5,000	\$ 6,250
12	Bike & Ped. Facilities Inventory	0	0	1,000	4,000	48	192	0	0	0	0	0	0	0	0	0	\$ 1,048	\$ -	\$ 4,192	\$ 5,240
13	Bike & Ped. Counts	0	0	0	0	102	408	0	0	0	0	0	0	0	0	0	\$ 102	\$ -	\$ 408	\$ 510
II B Long Range Transp. Plan																				
1	Collection of Base Year Data	0	0	900	3,600	2,706	10,824	1,250	1,250	10,000	0	0	0	0	0	0	\$ 4,856	\$ 1,250	\$ 24,424	\$ 30,530
2	Collection of Network Data	0	0	1,825	7,300	864	3,456	1,250	1,250	10,000	0	0	0	0	0	0	\$ 3,939	\$ 1,250	\$ 20,756	\$ 25,945
3	Travel Model Updates	2,100	8,400	34,110	136,440	5,000	20,000	0	0	0	17,165	17,165	137,321	0	0	0	\$ 56,275	\$ 19,265	\$ 302,161	\$ 377,701
4	Travel Surveys	0	0	0	0	0	0	973	973	7,785	0	0	0	0	0	0	\$ 973	\$ 973	\$ 7,785	\$ 9,731
5	Forecast of Data to Horizon year	0	0	0	0	3,752	15,006	625	625	5,000	0	0	0	0	0	0	\$ 4,377	\$ 625	\$ 20,006	\$ 25,008
6	Community Goals & Objectives	0	0	0	0	2,998	11,992	0	0	0	0	0	0	0	0	0	\$ 2,998	\$ -	\$ 11,992	\$ 14,990
7	Forecast of Future Travel Patterns	0	0	0	0	250	1,000	0	0	0	0	0	0	0	0	0	\$ 250	\$ -	\$ 1,000	\$ 1,250
8	Capacity Deficiency Analysis	0	0	2,450	9,800	0	0	0	0	0	0	0	0	0	0	0	\$ 2,450	\$ -	\$ 9,800	\$ 12,250
9	Highway Element of th LRTP	2,300	9,200	250	1,000	0	0	0	0	0	0	0	0	0	0	0	\$ 250	\$ 2,300	\$ 10,200	\$ 12,750
10	Transit Element of the LRTP	1,000	4,000	250	1,000	10,540	42,159	625	625	5,000	5,311	5,311	42,486	0	0	0	\$ 16,726	\$ 6,936	\$ 94,645	\$ 118,306
11	Bicycle & Ped. Element of the LRTP	1,000	4,000	0	0	2,500	10,000	0	0	0	0	0	0	0	0	0	\$ 2,500	\$ 1,000	\$ 14,000	\$ 17,500
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	200	800	750	3,000	0	0	0	0	0	0	0	0	0	0	0	\$ 750	\$ 200	\$ 3,800	\$ 4,750
14	Rail, Water or other mode of LRTP	0	0	250	1,000	125	500	0	0	0	0	0	0	0	0	0	\$ 375	\$ -	\$ 1,500	\$ 1,875
15	Freight Movement/Mobility Planning	0	0	483	1,932	1,100	4,400	0	0	0	0	0	0	0	0	0	\$ 1,583	\$ -	\$ 6,332	\$ 7,915
16	Financial Planning	0	0	0	0	750	3,000	0	0	0	4,544	4,544	36,352	0	0	0	\$ 5,294	\$ 4,544	\$ 39,352	\$ 49,190
17	Congestion Management Strategies	200	800	8,000	32,000	3,558	14,230	0	0	0	0	0	0	0	0	0	\$ 11,558	\$ 200	\$ 47,030	\$ 58,788
18	Air Qual. Planning/Conformity Anal.	200	800	3,125	12,500	1,675	6,700	0	0	0	0	0	0	0	0	0	\$ 4,800	\$ 200	\$ 20,000	\$ 25,000
II C Short Range Transit Planning																				
1	Short Range Transit Planning	0	0	5,500	22,000	210	840	0	0	0	57,784	57,784	462,269	0	0	0	\$ 63,494	\$ 57,784	\$ 485,109	\$ 606,386
III-A Planning Work Program																				
		400	1,600	1,250	5,000	9,018	36,072	3,144	3,144	25,154	0	0	0	0	0	0	\$ 13,412	\$ 3,544	\$ 67,826	\$ 84,783
III-B Transp. Improvement Plan																				
		400	1,600	1,250	5,000	8,923	35,690	489	489	3,912	0	0	0	0	0	0	\$ 10,662	\$ 889	\$ 46,202	\$ 57,753
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	1,425	5,700	1,586	6,344	0	0	0	0	0	0	0	0	0	\$ 3,011	\$ -	\$ 12,044	\$ 15,055
3	Minority Business Enterprise	0	0	1,250	5,000	0	0	0	0	0	0	0	0	0	0	0	\$ 1,250	\$ -	\$ 5,000	\$ 6,250
4	Planning for the Elderly & Disabled	0	0	6,250	25,000	448	1,790	0	0	0	0	0	0	0	0	0	\$ 6,698	\$ -	\$ 26,790	\$ 33,488
5	Safety/Drug Control Planning	0	0	2,750	11,000	0	0	0	0	0	0	0	0	0	0	0	\$ 2,750	\$ -	\$ 11,000	\$ 13,750
6	Public Involvement	0	0	3,850	15,400	3,757	15,028	1,322	1,322	10,574	2,134	2,134	17,074	0	0	0	\$ 11,063	\$ 3,456	\$ 58,076	\$ 72,595
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.	100	400	0	0	0	0	0	0	0	0	0	0	0	0	0	\$ -	\$ 100	\$ 400	\$ 500
2	Enviro. Analysis & Pre-TIP Plng.	1,000	4,000	13,500	54,000	2,250	9,000	0	0	0	0	0	0	0	0	0	\$ 15,750	\$ 1,000	\$ 67,000	\$ 83,750
3	Special Studies	1,000	4,000	75,314	301,257	8,551	34,204	563	563	4,500	45,336	45,336	362,691	0	0	0	\$ 129,764	\$ 46,899	\$ 706,652	\$ 883,315
4	Regional or Statewide Planning	500	2,000	19,375	77,500	867	3,468	625	625	5,000	0	0	0	0	0	0	\$ 20,867	\$ 1,125	\$ 87,968	\$ 109,960
II E Management & Operations																				
1	Management & Operations	4,000	16,000	70,478	281,910	25,886	103,544	3,726	3,726	29,808	36,307	36,307	290,456	0	0	0	\$ 136,397	\$ 44,033	\$ 721,718	\$ 902,148
Totals		\$14,400	\$57,600	\$285,010	\$1,140,039	\$109,249	\$436,995	\$27,448	\$27,448	\$219,584	\$178,505	\$178,505	\$1,428,036	\$0	\$0	\$0	\$600,211	\$220,353	\$3,282,254	\$4,102,818

**Durham-Chapel Hill-Carrboro Urban Area
FY 2010-2011 Unified Planning Work Program
Detail Funding Source Tables - FHWA/FTA Funds**

MPO-Wide Detail Funding Tables
Amendment #3 Details

TCC 10/26/2011 Attachment 9
10/26/11 11:13 AM

Task Description	SPR Highway		STP-DA 133(b)(3)(7)		Sec. 104(f) PL		Section 5303 Highway/Transit			Section 5307 Transit			Task Funding Summary AMENDMENT #3 PROPOSED CHANGES				
	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	0	0	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0	
2 Vehicle Miles of Travel	0	0	0	0	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0	
3 Street System Changes	0	0	0	0	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0	
4 Traffic Accidents	0	0	0	0	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0	
5 Transit System Data	0	0	0	0	0	0	0	0	0	(9,396)	(9,396)	(75,170)	(\$9,396)	(\$9,396)	(\$75,170)	(\$93,963)	
6 Dwelling Unit, Pop. & Emp. Change	0	0	0	0	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0	
7 Air Travel	0	0	0	0	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0	
8 Vehicle Occupancy Rates	0	0	0	0	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0	
9 Travel Time Studies	0	0	0	0	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0	
10 Mapping	0	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	\$0	
12 Bike & Ped. Facilities Inventory	0	0	0	0	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0	
13 Bike & Ped. Counts	0	0	0	0	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0	
II B Long Range Transp. Plan																	
1 Collection of Base Year Data	0	0	0	0	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0	
2 Collection of Network Data	0	0	0	0	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0	
3 Travel Model Updates	0	0	0	0	0	0	0	0	0	1,165	1,165	9,321	\$1,165	\$1,165	\$9,321	\$11,651	
4 Travel Surveys	0	0	0	0	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0	
5 Forecast of Data to Horizon year	0	0	0	0	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0	
6 Community Goals & Objectives	0	0	0	0	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0	
7 Forecast of Future Travel Patterns	0	0	0	0	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0	
8 Capacity Deficiency Analysis	0	0	0	0	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0	
9 Highway Element of th LRTP	0	0	0	0	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0	
10 Transit Element of the LRTP	0	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	\$0	
12 Airport/Air Travel Element of LRTP	0	0	0	0	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0	
13 Collector Street Element of LRTP	0	0	0	0	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0	
14 Rail, Water or other mode of LRTP	0	0	0	0	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0	
15 Freight Movement/Mobility Planning	0	0	0	0	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0	
16 Financial Planning	0	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	(1,616)	(1,616)	(12,928)	(\$1,616)	(\$1,616)	(\$12,928)	(\$16,160)	
18 Air Qual. Planning/Conformity Anal.	0	0	0	0	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0	
II C Short Range Transit Planning																	
1 Short Range Transit Planning	0	0	0	0	0	0	0	0	0	(25,568)	(25,568)	(204,541)	(\$25,568)	(\$25,568)	(\$204,541)	(\$255,676)	
III-A Planning Work Program																	
1 Planning Work Program	0	0	0	0	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0	
III-B Transp. Improvement Plan																	
1 Transp. Improvement Plan	0	0	0	0	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0	
III-C Cvl Rgts. Cmp./Otr .Reg. Req.																	
1 Title VI	0	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	(500)	(500)	(4,000)	(\$500)	(\$500)	(\$4,000)	(\$5,000)	
3 Minority Business Enterprise	0	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	\$0	
5 Safety/Drug Control Planning	0	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	(4,232)	(4,232)	(33,854)	(\$4,232)	(\$4,232)	(\$33,854)	(\$42,318)	
7 Private Sector Participation	0	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	\$0	
2 Enviro. Analysis & Pre-TIP Plng.	0	0	0	0	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0	
3 Special Studies	0	0	0	0	0	0	0	0	0	31,536	31,536	252,291	\$31,536	\$31,536	\$252,291	\$315,364	
4 Regional or Statewide Planning	0	0	0	0	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0	
III-E Management & Operations																	
1 Management & Operations	0	0	0	0	0	0	0	0	0	8,610	8,610	68,881	\$8,610	\$8,610	\$68,881	\$86,101	
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**Durham-Chapel Hill-Carrboro Urban Area
FY 2010-2011 Unified Planning Work Program
Detail Funding Source Tables - FHWA/FTA Funds**

TCC 10/26/2011 Attachment 9

3/30/2011 10:54

MPO-Wide Detail Funding Tables
Amendment #2 Details

II A	Task Description	SPR Highway		STP-DA 133(b)(3)(7)		Sec. 104(f) PL		Section 5303 Highway/Transit			Section 5307 Transit			Section 5309 Transit			Task Funding Summary FINAL FIGURES AFTER AMENDMENT #2				
		NCDOT 20%	FHWA 80%	Local 20%	FHWA 80%	Local 20%	FHWA 80%	Local 10%	NCDOT 10%	FTA 80%	Local 10%	NCDOT 10%	FTA 80%	Local 25%	NCDOT 25%	FTA 50%	Local	NCDOT	Federal	Total	
Surveillance of Change																					
1	Traffic Volume Counts	0	0	4,725	18,900	90	360	0	0	0	0	0	0	0	0	0	0	\$ 4,815	\$ -	\$ 19,260	\$ 24,075
2	Vehicle Miles of Travel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$ -	\$ -	\$ -	\$ -
3	Street System Changes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$ -	\$ -	\$ -	\$ -
4	Traffic Accidents	0	0	825	3,300	48	192	0	0	0	0	0	0	0	0	0	0	\$ 873	\$ -	\$ 3,492	\$ 4,365
5	Transit System Data	0	0	13,750	55,000	0	0	9,731	9,731	77,851	19,320	19,320	154,557	0	0	0	0	\$ 42,801	\$ 29,051	\$ 287,408	\$ 359,260
6	Dwelling Unit, Pop. & Emp. Change	0	0	3,750	15,000	3,313	13,250	0	0	0	0	0	0	0	0	0	0	\$ 7,063	\$ -	\$ 28,250	\$ 35,313
7	Air Travel	0	0	125	500	325	1,300	0	0	0	0	0	0	0	0	0	0	\$ 450	\$ -	\$ 1,800	\$ 2,250
8	Vehicle Occupancy Rates	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$ -	\$ -	\$ -	\$ -
9	Travel Time Studies	0	0	0	0	2,385	9,540	625	625	5,000	0	0	0	0	0	0	0	\$ 3,010	\$ 625	\$ 14,540	\$ 18,175
10	Mapping	0	0	5,000	20,000	5,627	22,506	2,500	2,500	20,000	0	0	0	0	0	0	0	\$ 13,127	\$ 2,500	\$ 62,506	\$ 78,133
11	Central Area Parking Inventory	0	0	1,250	5,000	0	0	0	0	0	0	0	0	0	0	0	0	\$ 1,250	\$ -	\$ 5,000	\$ 6,250
12	Bike & Ped. Facilities Inventory	0	0	1,000	4,000	48	192	0	0	0	0	0	0	0	0	0	0	\$ 1,048	\$ -	\$ 4,192	\$ 5,240
13	Bike & Ped. Counts	0	0	0	0	102	408	0	0	0	0	0	0	0	0	0	0	\$ 102	\$ -	\$ 408	\$ 510
Long Range Transp. Plan																					
1	Collection of Base Year Data	0	0	900	3,600	2,706	10,824	1,250	1,250	10,000	0	0	0	0	0	0	0	\$ 4,856	\$ 1,250	\$ 24,424	\$ 30,530
2	Collection of Network Data	0	0	1,825	7,300	864	3,456	1,250	1,250	10,000	0	0	0	0	0	0	0	\$ 3,939	\$ 1,250	\$ 20,756	\$ 25,945
3	Travel Model Updates	2,100	8,400	34,110	136,440	5,000	20,000	0	0	0	16,000	16,000	128,000	0	0	0	0	\$ 55,110	\$ 18,100	\$ 292,840	\$ 366,050
4	Travel Surveys	0	0	0	0	0	0	973	973	7,785	0	0	0	0	0	0	0	\$ 973	\$ 973	\$ 7,785	\$ 9,731
5	Forecast of Data to Horizon year	0	0	0	0	3,752	15,006	625	625	5,000	0	0	0	0	0	0	0	\$ 4,377	\$ 625	\$ 20,006	\$ 25,008
6	Community Goals & Objectives	0	0	0	0	2,998	11,992	0	0	0	0	0	0	0	0	0	0	\$ 2,998	\$ -	\$ 11,992	\$ 14,990
7	Forecast of Future Travel Patterns	0	0	0	0	250	1,000	0	0	0	0	0	0	0	0	0	0	\$ 250	\$ -	\$ 1,000	\$ 1,250
8	Capacity Deficiency Analysis	0	0	2,450	9,800	0	0	0	0	0	0	0	0	0	0	0	0	\$ 2,450	\$ -	\$ 9,800	\$ 12,250
9	Highway Element of th LRTP	2,300	9,200	250	1,000	0	0	0	0	0	0	0	0	0	0	0	0	\$ 250	\$ 2,300	\$ 10,200	\$ 12,750
10	Transit Element of the LRTP	1,000	4,000	250	1,000	10,540	42,159	625	625	5,000	5,311	5,311	42,486	0	0	0	0	\$ 16,726	\$ 6,936	\$ 94,645	\$ 118,306
11	Bicycle & Ped. Element of the LRTP	1,000	4,000	0	0	2,500	10,000	0	0	0	0	0	0	0	0	0	0	\$ 2,500	\$ 1,000	\$ 14,000	\$ 17,500
12	Airport/Air Travel Element of LRTP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$ -	\$ -	\$ -	\$ -
13	Collector Street Element of LRTP	200	800	750	3,000	0	0	0	0	0	0	0	0	0	0	0	0	\$ 750	\$ 200	\$ 3,800	\$ 4,750
14	Rail, Water or other mode of LRTP	0	0	250	1,000	125	500	0	0	0	0	0	0	0	0	0	0	\$ 375	\$ -	\$ 1,500	\$ 1,875
15	Freight Movement/Mobility Planning	0	0	483	1,932	1,100	4,400	0	0	0	0	0	0	0	0	0	0	\$ 1,583	\$ -	\$ 6,332	\$ 7,915
16	Financial Planning	0	0	0	0	750	3,000	0	0	4,544	4,544	36,352	0	0	0	0	0	\$ 5,294	\$ 4,544	\$ 39,352	\$ 49,190
17	Congestion Management Strategies	200	800	8,000	32,000	3,558	14,230	0	0	0	1,616	1,616	12,928	0	0	0	0	\$ 13,174	\$ 1,816	\$ 59,958	\$ 74,948
18	Air Qual. Planning/Conformity Anal.	200	800	3,125	12,500	1,675	6,700	0	0	0	0	0	0	0	0	0	0	\$ 4,800	\$ 200	\$ 20,000	\$ 25,000
Short Range Transit Planning																					
1	Short Range Transit Planning	0	0	5,500	22,000	210	840	0	0	0	83,351	83,351	666,810	0	0	0	0	\$ 89,061	\$ 83,351	\$ 689,650	\$ 862,063
Planning Work Program																					
400	Planning Work Program	400	1,600	1,250	5,000	9,018	36,072	3,144	3,144	25,154	0	0	0	0	0	0	0	\$ 13,412	\$ 3,544	\$ 67,826	\$ 84,783
Transp. Improvement Plan																					
400	Transp. Improvement Plan	400	1,600	1,250	5,000	8,923	35,690	489	489	3,912	0	0	0	0	0	0	0	\$ 10,662	\$ 889	\$ 46,202	\$ 57,753
Cvl Rgts. Cmp./Otr .Reg. Reqs.																					
Title VI																					
1	Environmental Justice	0	0	1,425	5,700	1,586	6,344	0	0	0	500	500	4,000	0	0	0	0	\$ 3,511	\$ 500	\$ 16,044	\$ 20,055
3	Minority Business Enterprise	0	0	1,250	5,000	0	0	0	0	0	0	0	0	0	0	0	0	\$ 1,250	\$ -	\$ 5,000	\$ 6,250
4	Planning for the Elderly & Disabled	0	0	6,250	25,000	448	1,790	0	0	0	0	0	0	0	0	0	0	\$ 6,698	\$ -	\$ 26,790	\$ 33,488
5	Safety/Drug Control Planning	0	0	2,750	11,000	0	0	0	0	0	0	0	0	0	0	0	0	\$ 2,750	\$ -	\$ 11,000	\$ 13,750
6	Public Involvement	0	0	3,850	15,400	3,757	15,028	1,322	1,322	10,574	6,366	6,366	50,928	0	0	0	0	\$ 15,295	\$ 7,688	\$ 91,930	\$ 114,913
7	Private Sector Participation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$ -	\$ -	\$ -	\$ -
Incidental Plng./Project Dev.																					
1	Transportation Enhancement Plng.	100	400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$ -	\$ 100	\$ 400	\$ 500
2	Enviro. Analysis & Pre-TIP Plng.	1,000	4,000	13,500	54,000	2,250	9,000	0	0	0	0	0	0	0	0	0	0	\$ 15,750	\$ 1,000	\$ 67,000	\$ 83,750
3	Special Studies	1,000	4,000	75,314	301,257	8,551	34,204	563	563	4,500	13,800	13,800	110,400	0	0	0	0	\$ 98,228	\$ 15,363	\$ 454,361	\$ 567,951
4	Regional or Statewide Planning	500	2,000	19,375	77,500	867	3,468	625	625	5,000	0	0	0	0	0	0	0	\$ 20,867	\$ 1,125	\$ 87,968	\$ 109,960
Management & Operations																					
1	Management & Operations	4,000	16,000	70,478	281,910	25,886	103,544	3,726	3,726	29,808	27,697	27,697	221,575	0	0	0	0	\$ 127,786	\$ 35,423	\$ 652,837	\$ 816,046
Totals		\$14,400	\$57,600	\$285,010	\$1,140,039	\$109,249	\$436,995	\$27,448	\$27,448	\$219,584	\$178,505	\$178,505	\$1,428,036	\$0	\$0	\$0	\$0	\$600,211	\$220,353	\$3,282,254	\$4,102,818

**Durham-Chapel Hill-Carrboro Urban Area
FY 2010-2011 Unified Planning Work Program
Proposed Funding Source Tables**

	Task Description	Section 5303			Section 5307			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	-	-	-	-
	2 Vehicle Miles of Travel	0	0	0	0	0	0	-	-	-	-
	3 Street System Changes	0	0	0	0	0	0	-	-	-	-
	4 Traffic Accidents	0	0	0	0	0	0	-	-	-	-
	5 Transit System Data	8,481	8,481	67,851	1,120	1,120	8,957	9,601	9,601	76,808	96,010
	6 Dwelling Unit, Pop. & Emp. Change	0	0	0	0	0	0	-	-	-	-
	7 Air Travel	0	0	0	0	0	0	-	-	-	-
	8 Vehicle Occupancy Rates	0	0	0	0	0	0	-	-	-	-
	9 Travel Time Studies	0	0	0	0	0	0	-	-	-	-
	10 Mapping	0	0	0	0	0	0	-	-	-	-
	11 Central Area Parking Inventory	0	0	0	0	0	0	-	-	-	-
	12 Bike & Ped. Facilities Inventory	0	0	0	0	0	0	-	-	-	-
	13 Bike & Ped. Counts	0	0	0	0	0	0	-	-	-	-
II B	Long Range Transp. Plan										
	1 Collection of Base Year Data	0	0	0	0	0	0	-	-	-	-
	2 Collection of Network Data	0	0	0	0	0	0	-	-	-	-
	3 Travel Model Updates	0	0	0	0	0	0	-	-	-	-
	4 Travel Surveys	973	973	7,785	0	0	0	973	973	7,785	9,731
	5 Forecast of Data to Horizon year	0	0	0	0	0	0	-	-	-	-
	6 Community Goals & Objectives	0	0	0	0	0	0	-	-	-	-
	7 Forecast of Future Travel Patterns	0	0	0	0	0	0	-	-	-	-
	8 Capacity Deficiency Analysis	0	0	0	0	0	0	-	-	-	-
	9 Highway Element of th LRTP	0	0	0	0	0	0	-	-	-	-
	10 Transit Element of the LRTP	0	0	0	811	811	6,486	811	811	6,486	8,108
	11 Bicycle & Ped. Element of the LRTP	0	0	0	0	0	0	-	-	-	-
	12 Airport/Air Travel Element of LRTP	0	0	0	0	0	0	-	-	-	-
	13 Collector Street Element of LRTP	0	0	0	0	0	0	-	-	-	-
	14 Rail, Water or other mode of LRTP	0	0	0	0	0	0	-	-	-	-
	15 Freight Movement/Mobility Planning	0	0	0	0	0	0	-	-	-	-
	16 Financial Planning	0	0	0	4,544	4,544	36,352	4,544	4,544	36,352	45,440
	17 Congestion Management Strategies	0	0	0	0	0	0	-	-	-	-
	18 Air Qual. Planning/Conformity Anal.	0	0	0	0	0	0	-	-	-	-
II C	Short Range Transit Planning										
	1 Short Range Transit Planning	0	0	0	4,989	4,989	39,911	4,989	4,989	39,911	49,889
III-A	Planning Work Program	2,983	2,983	23,866	0	0	0	2,983	2,983	23,866	29,833
III-B	Transp. Improvement Plan	239	239	1,912	0	0	0	239	239	1,912	2,390
III-C	Cvl Rgts. Cmp./Otr .Reg. Reqs.										
	1 Title VI	0	0	0	0	0	0	-	-	-	-
	2 Environmental Justice	0	0	0	0	0	0	-	-	-	-
	3 Minority Business Enterprise	0	0	0	0	0	0	-	-	-	-
	4 Planning for the Elderly & Disabled	0	0	0	0	0	0	-	-	-	-
	5 Safety/Drug Control Planning	0	0	0	0	0	0	-	-	-	-
	6 Public Involvement	1,322	1,322	10,574	2,134	2,134	17,074	3,456	3,456	27,648	34,560
	7 Private Sector Participation	0	0	0	0	0	0	-	-	-	-
III-D	Incidental Png./Project Dev.										
	1 Transportation Enhancement Png.	0	0	0	0	0	0	-	-	-	-
	2 Enviro. Analysis & Pre-TIP Png.	0	0	0	0	0	0	-	-	-	-
	3 Special Studies	0	0	0	0	0	0	-	-	-	-
	4 Regional or Statewide Planning	0	0	0	0	0	0	-	-	-	-
III-E	Management & Operations										
	1 Management & Operations	0	0	0	34,404	34,404	275,232	34,404	34,404	275,232	344,040
	Totals	\$13,999	\$13,999	\$111,988	\$48,002	\$48,002	\$384,012	\$62,000	\$62,000	\$496,000	\$620,000

**DURHAM AREA TRANSIT AUTHORITY (DATA)
FTA TASK NARRATIVE TABLE
FY2010-2011 (FY 2011) UPWP**

1- MPO	City of Durham
2- FTA Code	442500
3- Task Code	II-B-17
4- Title	<i>Congestion Management¹</i>
5- Task Objective	To assist the MPO in its congestion management strategies by collecting and providing transit-related data.
6- Tangible Product Expected	Work plan and transit related data in GIS format
<i>6b- Status</i>	<i>This item is being funded as part of Management and Operations element</i>
7- Expected Completion Date of Products	June-2011
8- Previous Work	Short Range Transportation Development Plan.
9- Prior(2010) FTA Funds	\$16,160
10- Relationship	These activities support local MPO transportation planning effort.
11- Agency	City of Durham, Transportation Department
12- HPR - Highway - NCDOT 20%	
13- HPR - Highway - F11WA 80%	
14- Section 104 (f) PI, Local 20%	
15- Section 104 (f) P I FHWA 80%	
16- Section 5303 Local 10%	
17- Section 5303 NCDOT 10%	
18- Section 5303 FTA 80%	
<i>19- Section 5307(2011) Transit - Local 10%</i>	<i>\$0</i>
<i>20- Section 5307(2011) Transit - NCDOT 10%</i>	<i>\$0</i>
<i>21- Section 5307(2011) Transit - FTA 80%</i>	<i>\$0</i>
22- Additional Funds - Local 100%	

DURHAM AREA TRANSIT AUTHORITY (DATA)

¹ Update page 95, FY2010-11 UPWP

**FTA TASK NARRATIVE TABLE
FY2010-2011 (FY 2011) UPWP**

1- MPO	City of Durham
2- FTA Code	442500
3- Task Code	II-C-1
4- Title	<i>Short Range Transit Planning</i> ²
5- Task Objective	To provide system-wide planning oversight of both the fixed route and paratransit services including the installation of Automatic Passenger Counters (APC), Installation of Automatic Vehicle location systems (AVL), use APC/AVL devices for route productivity planning. Installation of fixed route and paratransit software and the conduct of system-wide NTD mandated surveys on-board surveys for both fixed route and paratransit system for the FY11 fiscal year, the monitoring of ridership for the fixed route and paratransit systems, the same for the Taxi and Medical pickup programs as part of the JARC and New Freedom grant program and any other service planning related work incidental to service improvement requests
6- Tangible Product Expected	Weekly, Monthly and annual system-wide ridership monitoring, data compilation,, report generation and policy decisions based on the data compile from the successful installation APC, AVL scheduling software for both fixed route and paratransit systems.
<i>6b- Status</i>	<i>Work to the tune of \$ 22,623.45 of this element is being performed as part of Management and Operations element</i>
7- Expected Completion Date of Products	June-2011
8- Previous Work	None
9- Prior (2010) FTA Funds	None
10- Relationship	Data retrieved is used to disseminate performance information to City Council, FTA and NCDOT task III-E.
11- Agency	City of Durham, Transportation Department
12- HPR - Highway - NCDOT 20%	
13- HPR - Highway - F11WA 80%	
14- Section 104 (f) PI, Local 20%	
15- Section 104 (f) P I FHWA 80%	
16- Section 5303 Local 10%	
17- Section 5303 NCDOT 10%	
18- Section 5303 FTA 80%	
<i>19- Section 5307 FY11 Transit - Local 10%</i>	<i>\$ 4,988.85</i>
<i>20- Section 5307 FY11 Transit - NCDOT 10%</i>	<i>\$ 4,988.86</i>
<i>21- Section 5307 FY11 Transit - FTA 80%</i>	<i>\$ 39,910.84³</i>

² This task was not part of the original approves FY11 UPWP. This is a new task as of Amendment #1. Amendment #3 is used to reduce funding for this task.

22- Additional Funds - Local 100%

³ This task was not part of the original approves FY11 UPWP. This is a new task as of Amendment #1. Amendment #3 is used to reduce funding for this task.

**DURHAM AREA TRANSIT AUTHORITY (DATA)
FTA TASK NARRATIVE TABLE
FY2010-2011 (FY 2011) UPWP**

1- MPO	City of Durham
2- FTA Code	442500
3- Task Code	III-C-2
4- Title	<i>Environmental Justice (EJ)</i> ⁴
5- Task Objective	To assist the MPO in its transportation outreach to Minorities and those with Limited English Proficiency by updating existing EJ mailing list and providing transit-related data.
6- Tangible Product Expected	Work plan and transit related EJ data
<i>6b- Status</i>	<i>All work related to this element are to be performed as part of Management and Operations element</i>
7- Expected Completion Date of Products	June-2011
8- Previous Work	Transportation Improvement Program.
9- Prior (2010) FTA Funds	None
10- Relationship	These activities support local MPO transportation planning effort.
11- Agency	City of Durham, Transportation Department
12- HPR - Highway - NCDOT 20%	
13- HPR - Highway - F11WA 80%	
14- Section 104 (f) PI, Local 20%	
15- Section 104 (f) P I FHWA 80%	
16- Section 5303 Local 10%	
17- Section 5303 NCDOT 10%	
18- Section 5303 FTA 80%	
<i>19- Section 5307 FY11 Transit - Local 10%</i>	<i>\$ 0</i>
<i>20- Section 5307 FY11 Transit - NCDOT 10%</i>	<i>\$ 0</i>
<i>21- Section 5307 FY11 Transit - FTA 80%</i>	<i>\$ 0</i>
22- Additional Funds - Local 100%	

⁴ Updates page 98, FY2010-11 UPWP

**DURHAM AREA TRANSIT AUTHORITY (DATA)
FTA TASK NARRATIVE TABLE
FY2010-2011 (FY 2011) UPWP**

1- MPO	City of Durham
2- FTA Code	442100
3- Task Code	III-C-6
4- Title	<i>Public Involvement⁵</i>
5- Task Objective	To seek out untapped ridership through aggressive marketing tactics. Conduct market surveys and seek new advertising mediums. Also to seek extensive public input in the proposed new service in the Downtown area. Additionally, to seek public input in the upcoming Durham County transit plan initiative. Increase in FTA funds reflects additional task associated with more public involvement initiatives related to a number of proposed service changes. This is an expanded tasks using both 5303 and 5307 funds.
6- Tangible Product Expected	Positive customer view of the transit system and increased ridership from nontraditional users.
<i>6b-Status</i>	<i>Work in the amount of \$42,222.61 of this element is to be performed as part of Management & Operations element</i>
7- Expected Completion Date of Products	June-2011
8- Previous Work	Significant marketing efforts have been undertaken to improve service and the dissemination of information to the public.
9- Prior FTA Funds	\$52,707
10- Relationship	This information is used in conjunction with Task III-A.
11- Agency	City of Durham, Public Works Department (Transportation)
12- HPR - Highway - NCDOT 20%	
13- HPR - Highway - F11WA 80%	
14- Section 104 (f) PI, Local 20%	
15- Section 104 (f) P I FHWA 80%	
16- Section 5303 Local 10%	\$ 1,370
17- Section 5303 NCDOT 10%	\$ 1,370
18- Section 5303 FTA 80%	\$ 10,574
<i>19- Section 5307 FY11 Transit - Local 10%</i>	<i>\$ 2,134.24</i>
<i>20- Section 5307 FY11 Transit - NCDOT 10%</i>	<i>\$ 2,134.24</i>
<i>21- Section 5307 FY11 Transit - FTA 80%</i>	<i>\$ 17,073.91</i>

**DURHAM AREA TRANSIT AUTHORITY (DATA)
FTA TASK NARRATIVE TABLE**

⁵ Updates page 99, FY2010-11 UPWP.

FY2010-2011 (FY 2011) UPWP

1- MPO	City of Durham
2- FTA Code	442100
3- Task Code	III-E
4- Title	<i>Management and Operations⁶</i>
5- Task Objective	To prepare all required reports, to attend technical meetings and to continue oversight of the Transit operation.
6- Tangible Product Expected	To remain in compliance with all reporting requirements, to ensure the efficient operation of the transit system and to ensure that public funds are spent in a responsible manner.
<i>6b: Status</i>	<i>A number tasks have now been added and subsequently funded by this element. They include Travel Surveys, Congestion Management, and part of Short Range Planning, Environmental Justice, and a portion of Public Involvement.</i>
7- Expected Completion Date of Products	June-2011
8- Previous Work	Creation of internal procedures to monitor and report transit data and new procedures to monitor financial operations.
9- Prior FTA Funds	\$257,939
10- Relationship	Data retrieved from Transit System Data task II-A-5 also relevant to this task.
11- Agency	City of Durham, Public Works Department (Transportation)
12- HPR - Highway - NCDOT 20%	
13- HPR - Highway - F11WA 80%	
14- Section 104 (f) PI, Local 20%	
15- Section 104 (f) P I FHWA 80%	
16- Section 5303 Local 10%	
17- Section 5303 NCDOT 10%	
18- Section 5303 FTA 80%	
<i>19- Section 5307 FY11 Transit - Local 10%</i>	<i>\$ 34,404.00</i>
<i>20- Section 5307 FY11 Transit - NCDOT 10%</i>	<i>\$ 34,404.01</i>
<i>21- Section 5307 FY11 Transit - FTA 80%</i>	<i>\$ 275,232.05</i>
22- Additional Funds - Local 100%	

⁶ Updates page 100, FY2010-11 UPWP

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

TCC 10/26/2011 Attachment 9

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	\$8,804	\$8,804	\$70,430	\$8,804	\$8,804	\$70,430	\$88,038	
	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	\$17,165	\$17,165	\$137,321	\$17,165	\$17,165	\$137,321	\$171,651	
	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	\$4,500	\$4,500	\$36,000	\$4,500	\$4,500	\$36,000	\$45,000	
	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	\$43,695	\$43,695	\$349,558	\$43,695	\$43,695	\$349,558	\$436,948	
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. Rqs.											
	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	\$45,336	\$45,336	\$362,691	\$45,336	\$45,336	\$362,691	\$453,364	
	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	\$119,500	\$119,500	\$956,000	\$119,500	\$119,500	\$956,000	\$1,195,000	

**TRIANGLE TRANSITY AUTHORITY
FTA TASK NARRATIVE TABLE
FY 2010-2011 (FY 2011) UPWP**

I- MPO	Durham Chapel Hill Carrboro MPO
2- FTA Code	442400
3- Task Code	II-A-5
4- Title	Transit System Data ¹
5- Task Objective	To collect route patronage, on-time performance data, and passenger amenity data and customer preferences for service improvements.
6- Tangible Product Expected	Route planning changes and recommendations from both staff and hired consultants
7- Expected Completion Date of Products	June-11
8- Previous Work	Initial analysis of amenities and on-time performance
9- Prior FTA Funds	\$20,000
10- Relationship	APC data can be used to calibrate the travel times in the regional model. Data will inform route planning decisions.
11- Agency	Triangle Transit
12- HPR - Highway - NCDOT 20%	
13- HPR - Highway - FHWA 80%	
14- Section 104 (f) PI, Local 20%	
15- Section 104 (f) P I FHWA 80%	
16- Section 5303 Local 10%	
17- Section 5303 NCDOT 10%	
18- Section 5303 FTA 80%	
<i>19- Section 5307 Transit - Local 10%</i>	<i>8,804</i>
<i>20- Section 5307 Transit - NCDOT 10%</i>	<i>8,803</i>
<i>21- Section 5307 Transit - FTA 80%</i>	<i>70,430</i>
22- Additional Funds - Local 100%	

¹ Updates page 158, FY2010-11 UPWP

**TRIANGLE TRANSITY AUTHORITY
FTA TASK NARRATIVE TABLE
FY 2010-2011 (FY 2011) UPWP**

I- MPO	Durham Chapel Hill Carrboro MPO
2- FTA Code	442301
3- Task Code	II-B-3
4- Title	Travel Model Updates ²
5- Task Objective	Ongoing support of TRM service bureau
6- Tangible Product Expected	Updated Triangle Regional Model
7- Expected Completion Date of Products	June-11
8- Previous Work	Ongoing support of TRM service bureau
9- Prior FTA Funds	\$0
10- Relationship	Supports the regional travel model utilized for the LRTP and other transit and highway planning purposes.
11- Agency	Service Bureau/ITRE responsible for task – Triangle Transit is a funding partner
12- HPR - Highway - NCDOT 20%	
13- HPR - Highway - FHWA 80%	
14- Section 104 (f) PI, Local 20%	
15- Section 104 (f) P I FHWA 80%	
16- Section 5303 Local 10%	
17- Section 5303 NCDOT 10%	
18- Section 5303 FTA 80%	
<i>19- Section 5307 Transit - Local 10%</i>	<i>17,165</i>
<i>20- Section 5307 Transit - NCDOT 10%</i>	<i>17,165</i>
<i>21- Section 5307 Transit - FTA 80%</i>	<i>137,321</i>
22- Additional Funds - Local 100%	

² Updates page 159, FY2010-11 UPWP

**TRIANGLE TRANSITY AUTHORITY
FTA TASK NARRATIVE TABLE
FY 2010-2011 (FY 2011) UPWP**

**TRIANGLE TRANSITY AUTHORITY
FTA TASK NARRATIVE TABLE
FY 2010-2011 (FY 2011) UPWP**

1- MPO	Durham Chapel Hill Carrboro MPO
2- FTA Code	442400
3- Task Code	II-C-1
4- Title	Short Range Transit Planning ³
5- Task Objective	This covers a portion of staff salaries in the Departments of Commuter Resources and Capital Development related to TTA's short-range transit service and facility planning
6- Tangible Product Expected	On-going staff salaries
7- Expected Completion Date of Products	June-11
8- Previous Work	Ongoing staff salaries
9- Prior FTA Funds	\$0
10- Relationship	Provides staff support to carry out TTA planning activities related to service planning and capital development
11- Agency	Triangle Transit
12- HPR - Highway - NCDOT 20%	
13- HPR - Highway - FHWA 80%	
14- Section 104 (f) PI, Local 20%	
15- Section 104 (f) P I FHWA 80%	
16- Section 5303 Local 10%	
17- Section 5303 NCDOT 10%	
18- Section 5303 FTA 80%	
<i>19- Section 5307 Transit - Local 10%</i>	<i>43,695</i>
<i>20- Section 5307 Transit - NCDOT 10%</i>	<i>43,695</i>
<i>21- Section 5307 Transit - FTA 80%</i>	<i>349,558</i>
22- Additional Funds - Local 100%	

³ Updates page 161, FY2010-11 UPWP

**TRIANGLE TRANSITY AUTHORITY
FTA TASK NARRATIVE TABLE
FY 2010-2011 (FY 2011) UPWP**

I- MPO	Durham Chapel Hill Carrboro MPO
2- FTA Code	442302
3- Task Code	III-D-3
4- Title	Special Studies ⁴
5- Task Objective	Studies may be conducted for corridors that show promise during the course of the development of the transit element of the LRTP, including capital cost estimation, financial planning, and transit expert studies for corridors and alignments
6- Tangible Product Expected	RFP and/or Technical Report
7- Expected Completion Date of Products	June-11
8- Previous Work	Rail corridor schedule report from Parsons Brinkerhoff
9- Prior FTA Funds	\$57,000
10- Relationship	This task will follow from the transit infrastructure planning conducted for the LRTP.
11- Agency	Triangle Transit
12- HPR - Highway - NCDOT 20%	
13- HPR - Highway - FHWA 80%	
14- Section 104 (f) PI, Local 20%	
15- Section 104 (f) P I FHWA 80%	
16- Section 5303 Local 10%	
17- Section 5303 NCDOT 10%	
18- Section 5303 FTA 80%	
<i>19- Section 5307 Transit - Local 10%</i>	<i>45,336</i>
<i>20- Section 5307 Transit - NCDOT 10%</i>	<i>45,337</i>
<i>21- Section 5307 Transit - FTA 80%</i>	<i>362,691</i>
22- Additional Funds - Local 100%	

⁴ Updates page 162, FY2010-11 UPWP

MEMORANDUM

TO: Transportation Coordinating Committee
DCHC MPO

FROM: DCHC MPO Lead Planning Agency

DATE: October 26, 2011

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

Unified Planning Work Program (UPWP) Development Process

The tentative development schedule for the 2012-13 UPWP 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 in an earlier shift in the development of the FY12-13 work plan comparative to FY11-12. In addition, the schedule provides for opportunity for linking the UPWP development with the local member governments' budget 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	21-Dec-11	TCC receives 1st Draft 2012-2013 UPWP.
7	11-Jan-12	TAC receives 1st Draft 2012-2013 UPWP
8	January - February 2012	TCC coordinates with member jurisdictions budget process for local matching funds.
9	22-Feb-12	TCC recommends Draft 2012-2013 UPWP to be released for Public Comment
10	8-Mar-12	TAC reviews Draft 2012-2013 UPWP, hold public comments hearing
11	22-Mar-12	TCC considers public comments and recommends that TAC adopt FINAL 2012-2013 UPWP and self certifies MPO planning process
12	13-Apr-12	TAC adopts FINAL 2012-2013 UPWP and self certifies MPO planning process
13	1-May-12	Final FY2012-2103 UPWP submitted to NCDOT/FHWA for approval.



Ephesus Church Road/Fordham Boulevard Small Area Planning and Traffic Analysis

COUNCIL MEETING

May 16, 2011

Development Concepts . Urban Collage . Kimley-Horn and Associates

Agenda

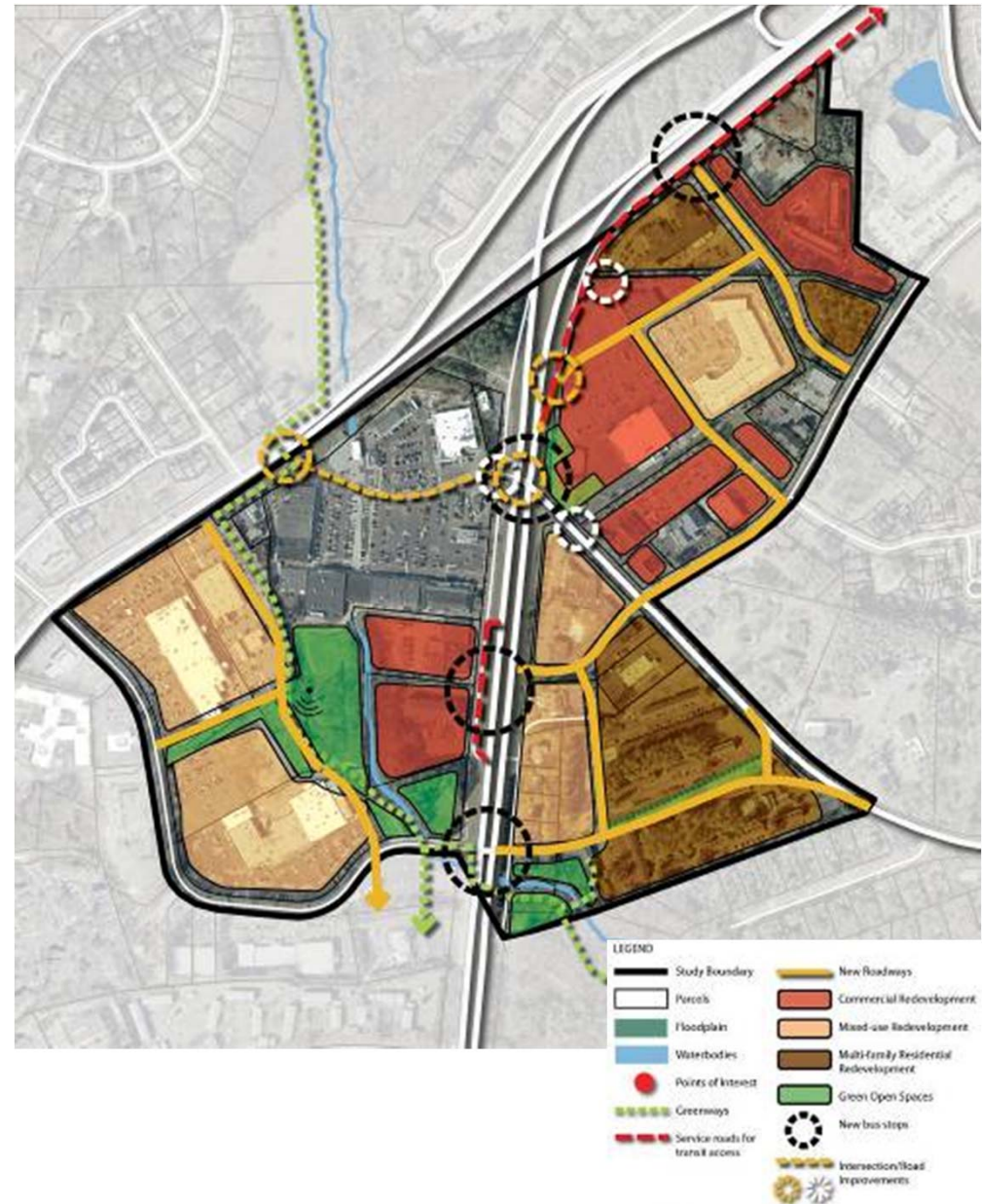
**Proposed Framework Plan
Transportation Assessment
Implementation
Development Scenario- SE Quadrant**



Proposed Framework Plan

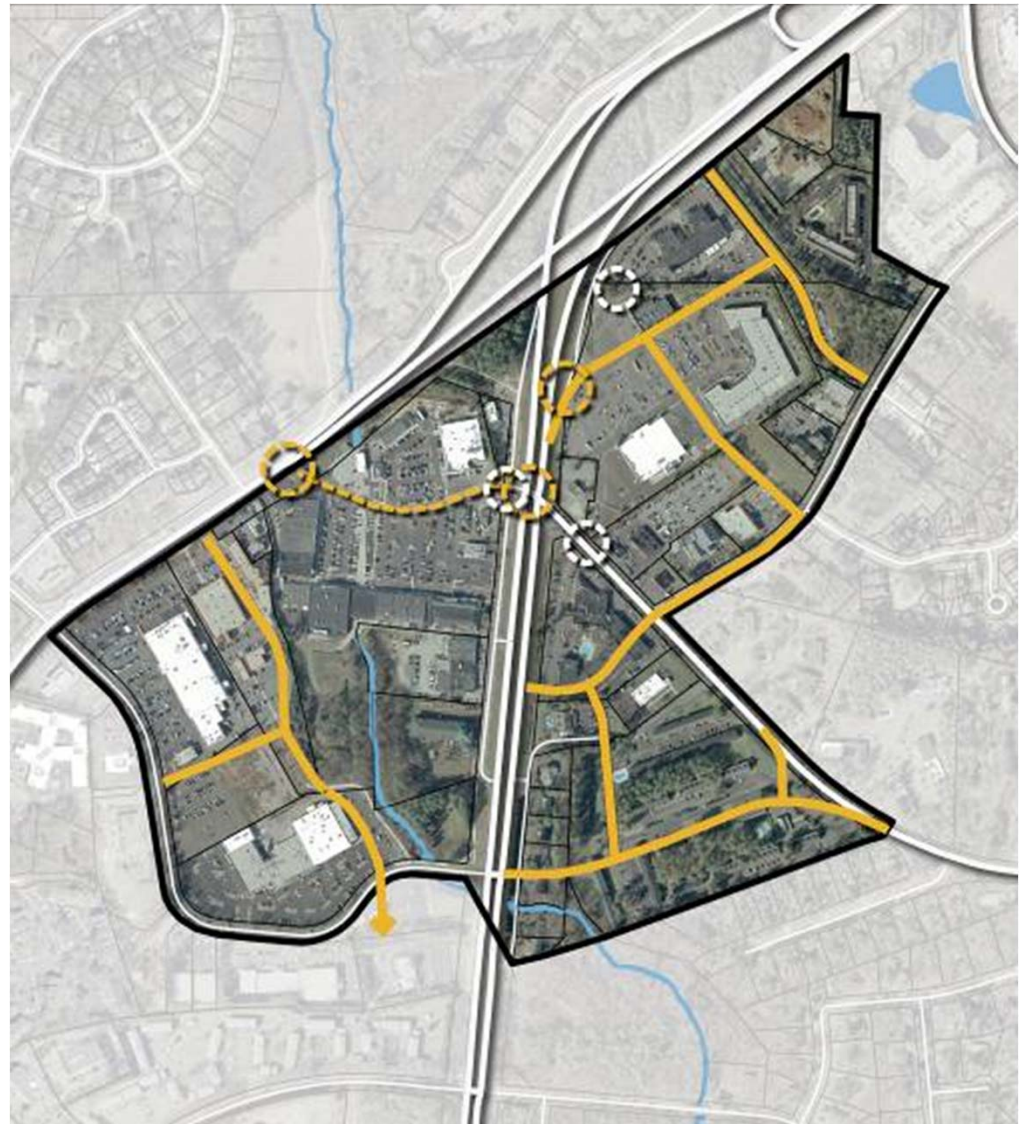
Proposed Framework Plan

- Increased Connectivity Throughout
- Create Greenspace System
- Create Mixed-Use Nodes
- Multi-Family Residential Development
- Increased Transit Presence and Facilities
- Roadway Operational Improvements
- Flexibility by Quadrant



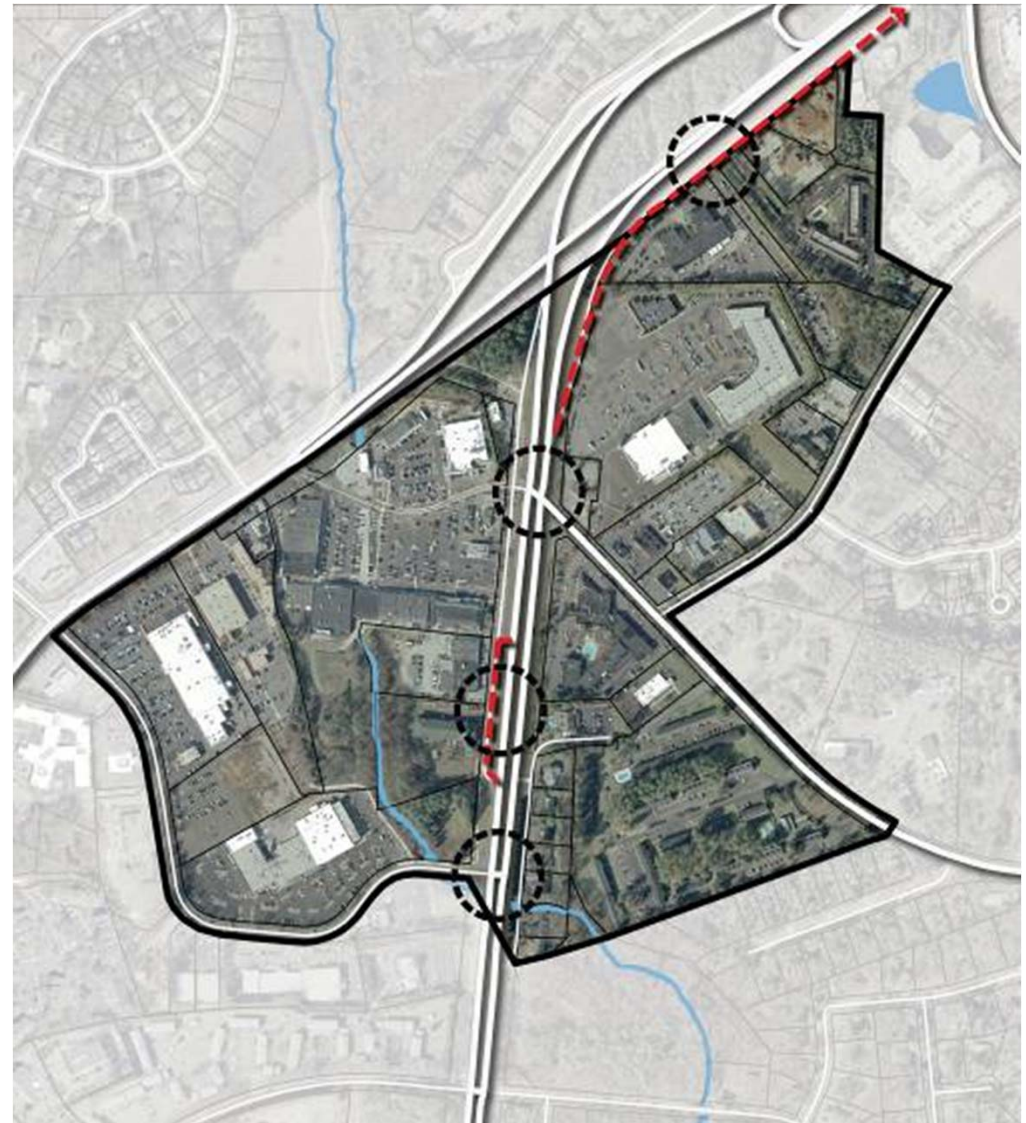
Framework Components: Streets and Intersections

- **Extend Legion Road**
- **Extend South Elliot Road**
- **Long-Term Road Connections in Village Plaza and Ram's Plaza**
- **Intersection Improvements**
- **Operational Improvements**



Framework Components: Transit

- **New Bus Stops**
 - Along Fordham
 - North side of Ram's Plaza
 - West side on service road
- **Plan for longer-term BRT along Fordham**



Framework Components: Greenspace

- **Potential New Greenway Connections**
- **More Comprehensive Greenspace System**
- **Consistent Landscape Treatments**
- **Public Amphitheater in formalized open space**



Framework Components: Density

- Transitions to neighborhoods
- Highest Density along Fordham Blvd.

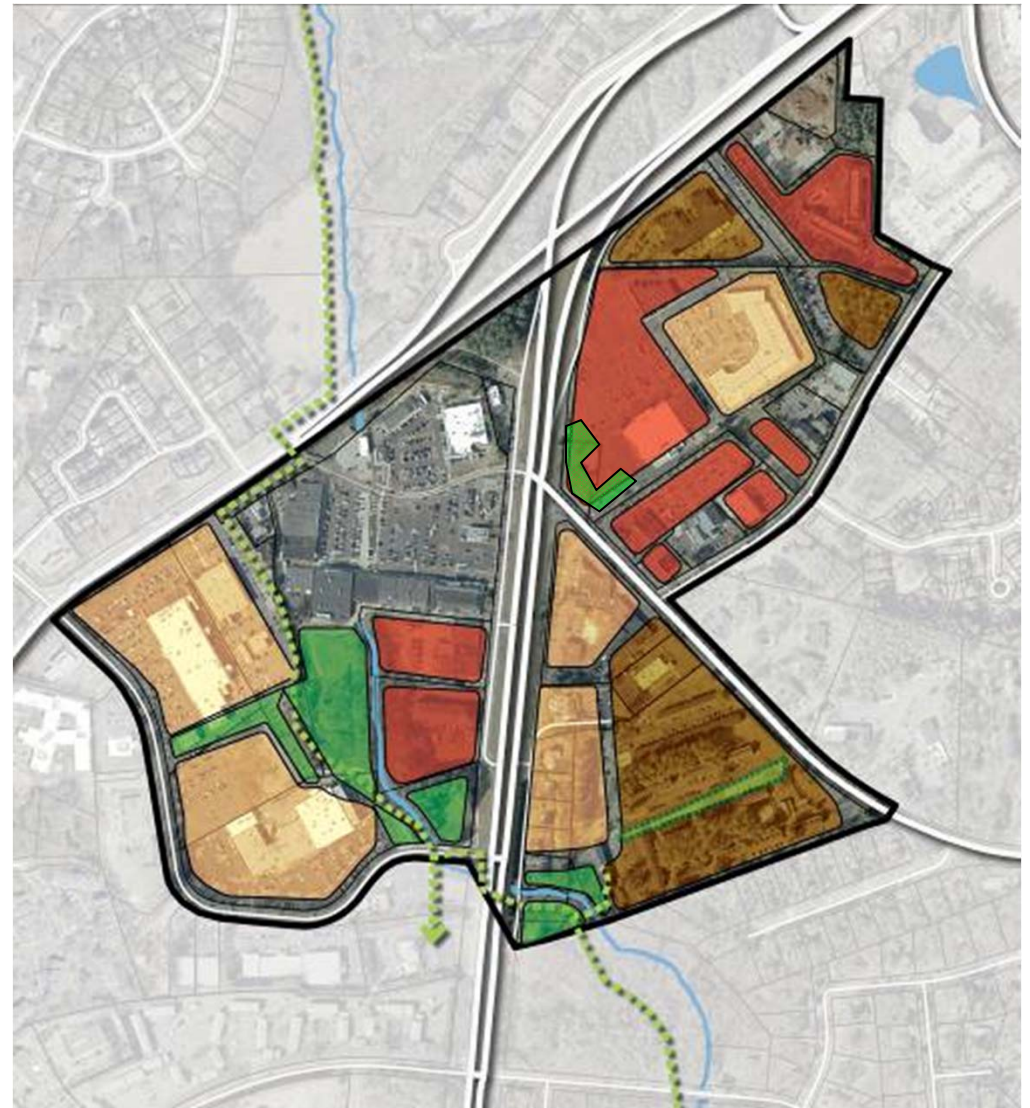


Higher Density    Lower Density



Framework Components: Land Use

- **Mixed-Use Redevelopment in Ram's Plaza, Village Plaza and Colony Apartments**
- **Commercial Redevelopment in Ram's Plaza and East Gate Shopping Center**
- **Multi-Family Residential Development in Colony Apartments area and Ram's Plaza**



DEVELOPMENT SUMMARY		
Retail	+/-258,000	Square Feet
Office	+/-368,000	Square Feet
Residential Units	+/-1,084	Units
Hotel	+/-280,000	Square Feet



Conceptual 3D Massing

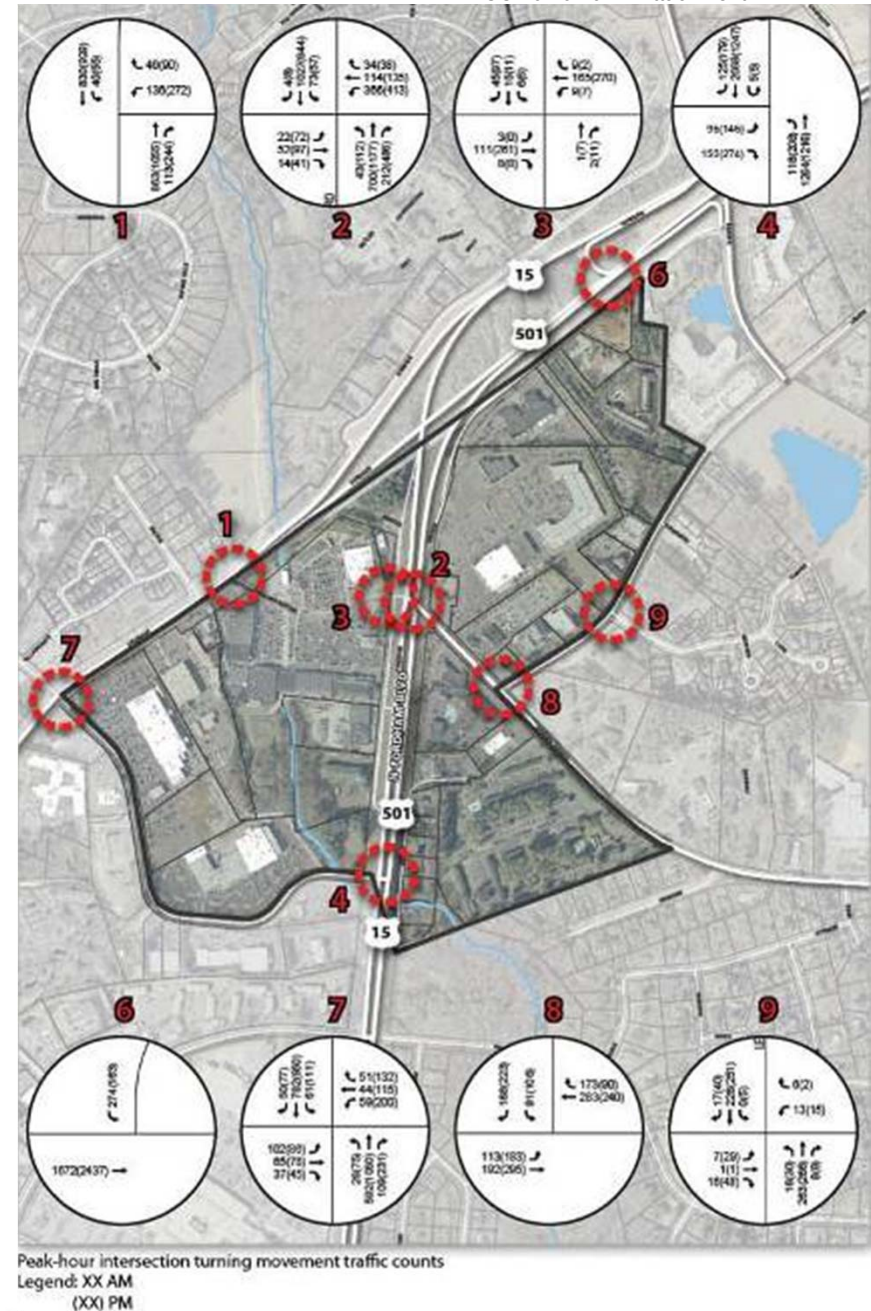


An aerial photograph of a city, showing a mix of residential and commercial buildings, streets, and green spaces. A large, semi-transparent blue text box is overlaid in the center of the image, containing the words "Transportation Assessment" in a bold, white, sans-serif font. The background image is in grayscale, with the text providing a strong visual contrast.

Transportation Assessment

Transportation efforts...

- Collected available data
- Collaborated with Staff Team
- Performed peak-hour intersection counts
- Received input at public meetings
- Performed existing peak-hour intersection capacity analyses
- Conducted field observations
- Provided input on Small Area Plan
- Conducted SAP Traffic Analysis



Existing Conditions

- **Focus on Fordham/Ephesus intersection**
- **Connectivity and access- internal and external**
- **Pedestrian/bicycle accommodations**
- **Access to transit**

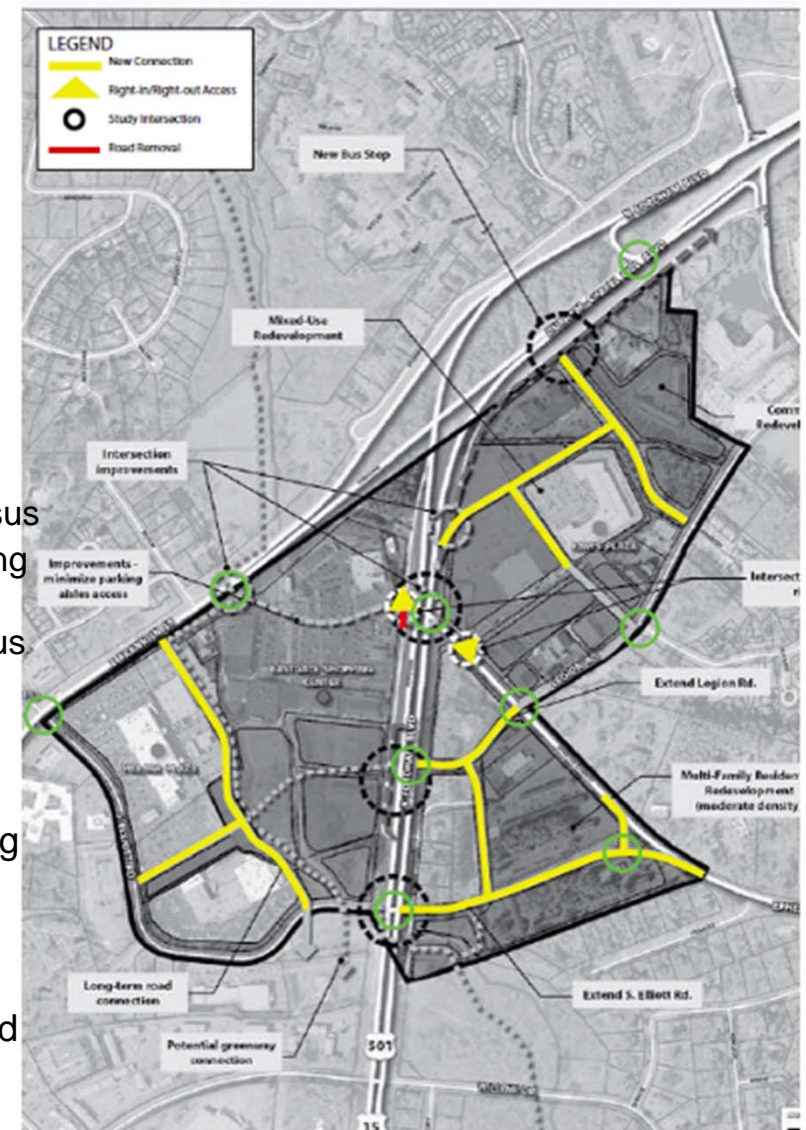
- **Western Service Road proximity**
- **Need for alternatives to Ephesus**
- **NB Fordham queuing from upstream**

- **Overall intersections- LOS D or better**
- **Fordham/Ephesus- borderline, LOS F on side street approaches**



Infrastructure Improvements

- Extension of Elliot Rd across Fordham
- Realignment of Ephesus Church to Elliot Rd extension
- Extension of Legion Road to Fordham Blvd
- Access improvements:
 - Disconnect southern leg of western service road at Ephesus
 - Consolidate number of parking aisles on Ephesus Rd going through Eastgate Mall
 - Limit Ram's Plaza and car dealership entrance on Ephesus to right in and right out
- Connectivity improvements:
 - New road behind Staples and Village Plaza connecting to Elliot Rd
 - New internal roads in Rams Plaza
 - New road by Hampton Inn connecting to Legion Road
 - New road connecting Legion Rd extension to realigned Elliot extension-Ephesus Church Rd

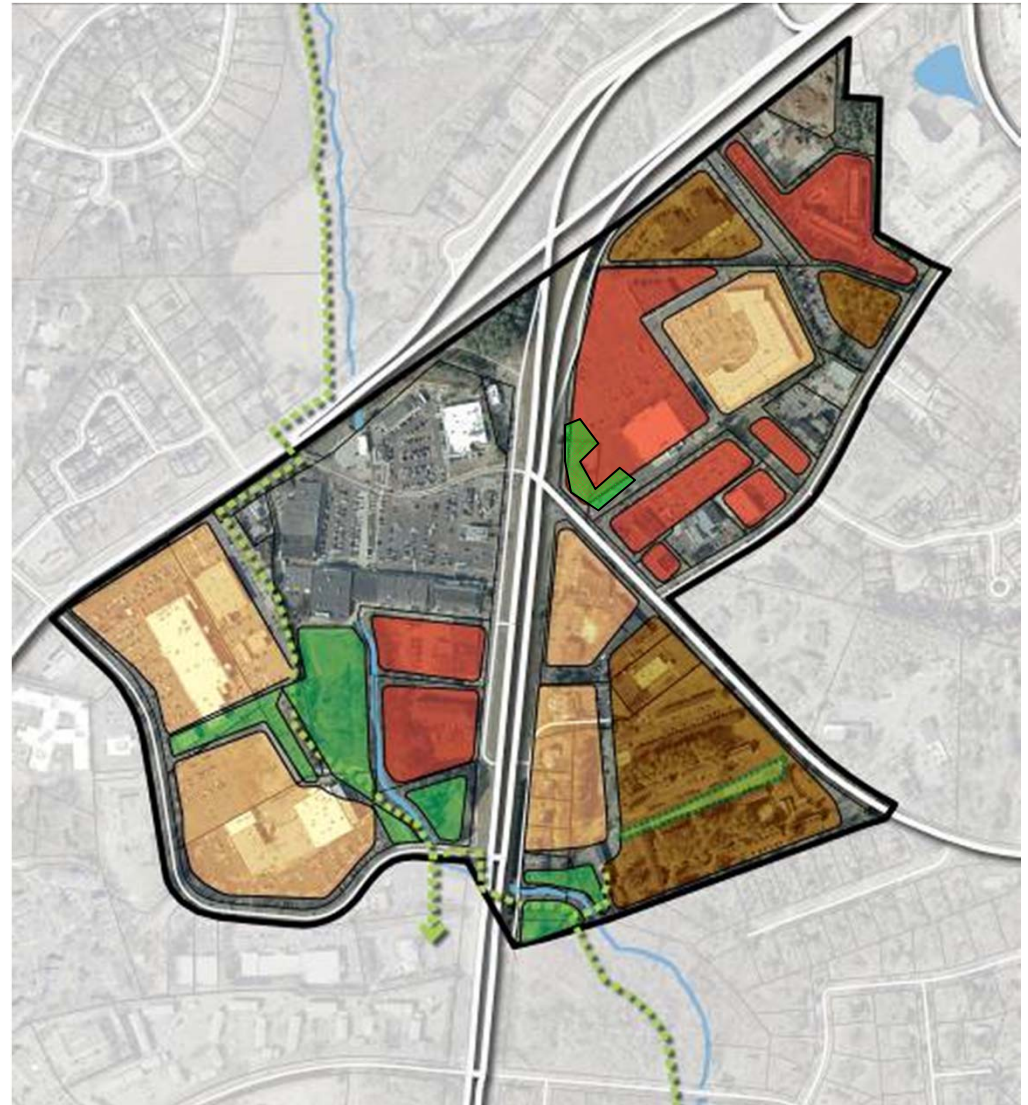


Implementation



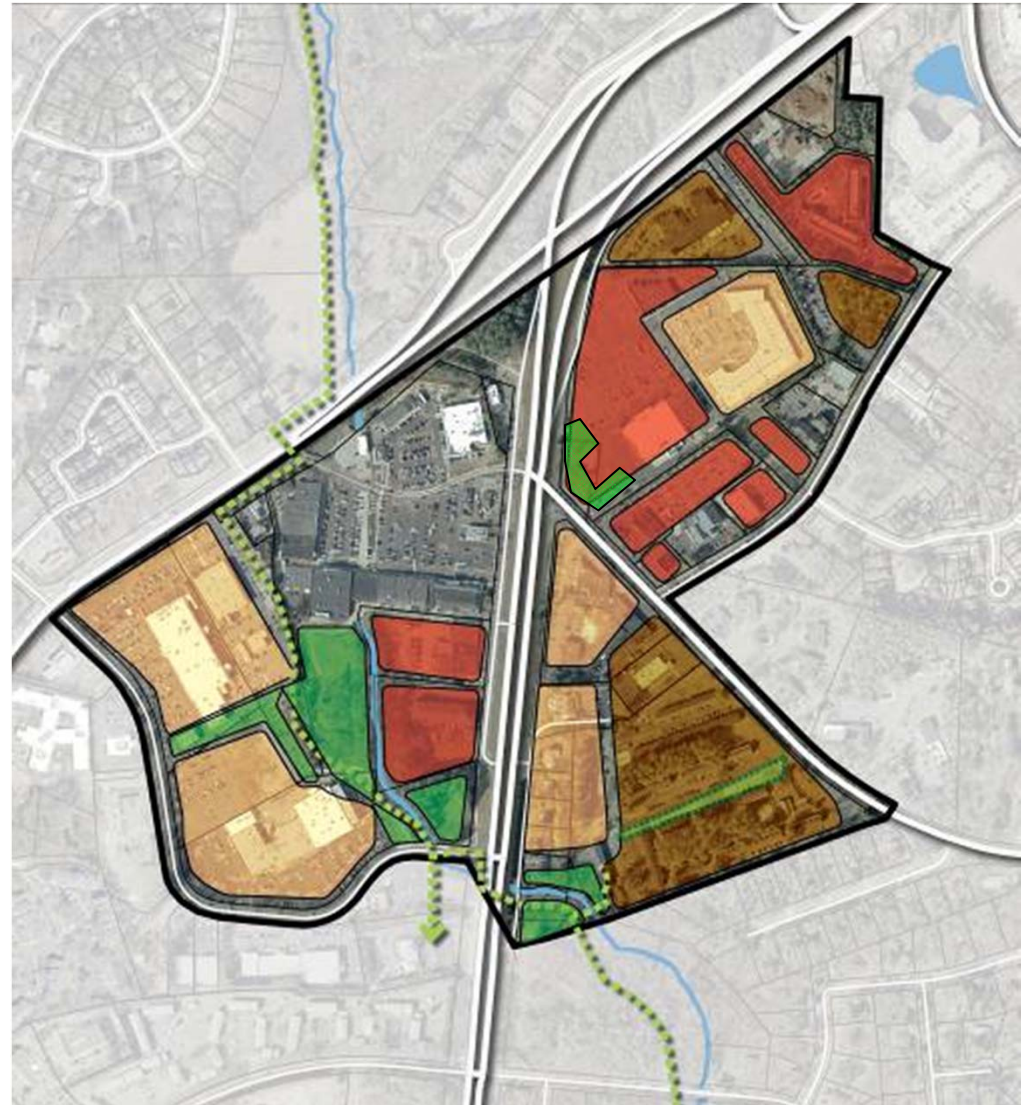
Land Use and Zoning Tools

- Utilize Existing Zoning Categories
- Create a New Redevelopment Zoning District
- Create Development Agreements



Financing Tools

- Municipal Service District
- TIF/Synthetic TIF
- Revenue Bonds
- Loan Guarantees



Implementation: Next Steps

- Work with area stakeholders to implement “low hanging fruit” improvements
- Conduct preliminary engineering on priority projects to establish feasibility and refined cost
- Continue project-by-project negotiations with property owners and development interests to communicate intent of the plan
- Explore the feasibility of public/private financing mechanisms such as MSD, TIF and/or a synthetic TIF
- Work with NCDOT to identify future partnerships on transportation projects of regional significance
- Work with Planning to establish the best mechanism for regulatory changes and the timing associated with it
- Continue ongoing discussions with community citizens as implementation continues





Development Scenario- Southeast Quadrant

Conceptual Plan

- Mixed-Use
- Residential - Multi-family
- Residential - Townhome
- Commercial
- Office
- Parking Deck



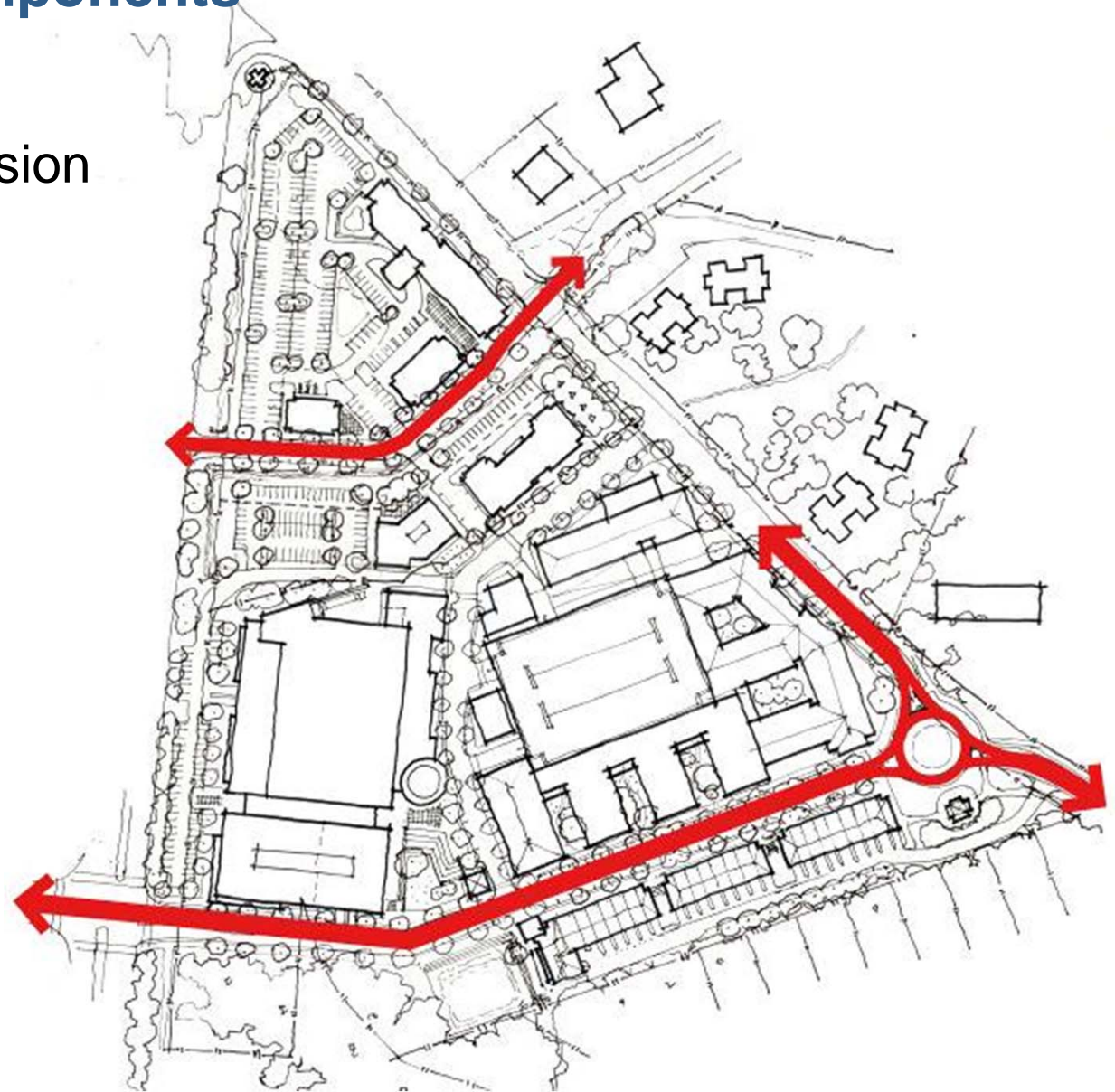
Conceptual Plan Components

- South Elliott Extension
- Roundabout



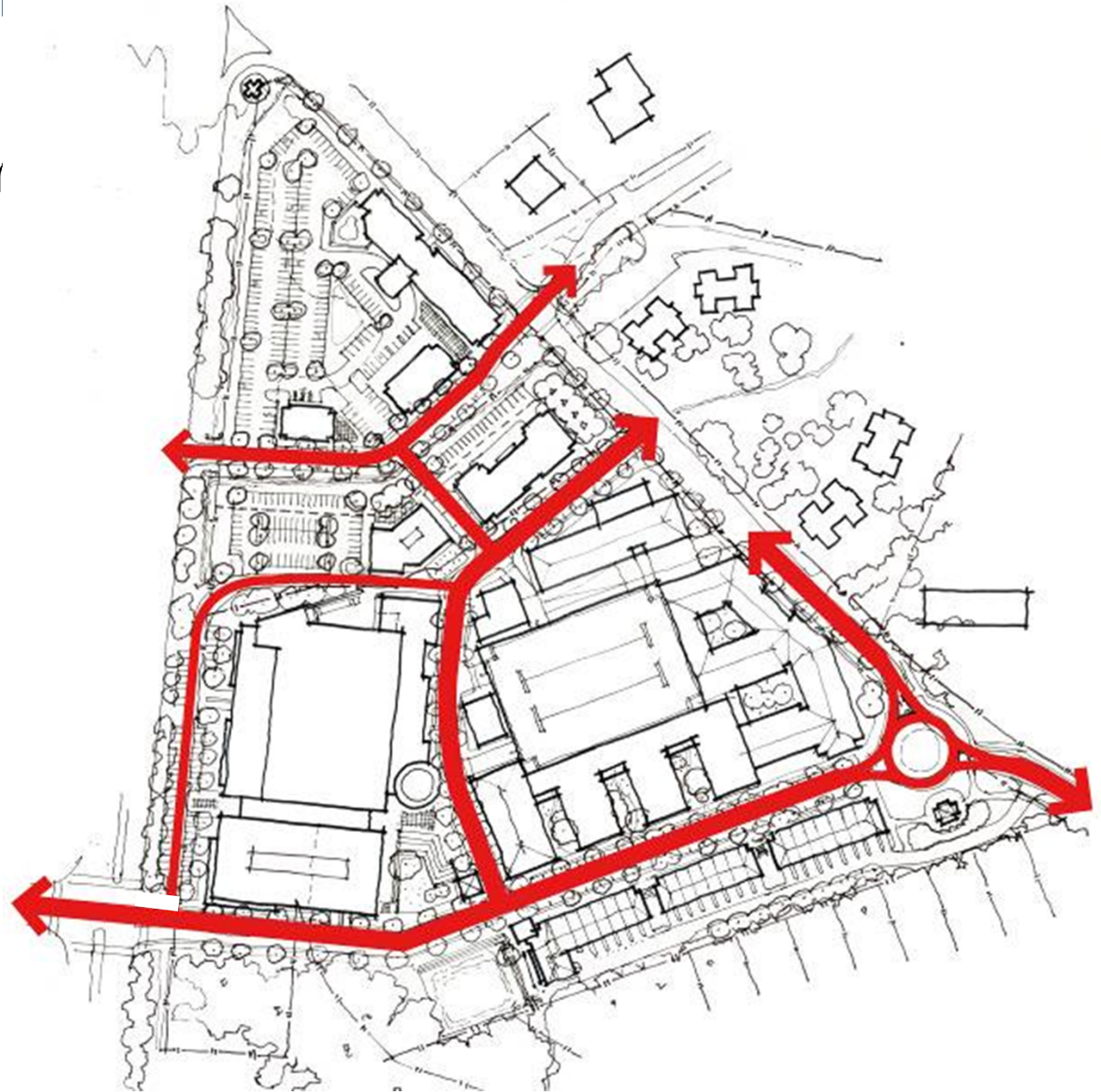
Conceptual Plan Components

- Legion Road Extension



Conceptual Plan Com

- New Interior Network



Conceptual Plan Components

- **Development Density**

Neighborhood Transition
Approximately 3-4 stories

Central Residential Core
Approximately 5-6 stories

High Density Mixed-Use
and Commercial
Development

Approximately 6+ stories



An aerial photograph of a city, likely a university campus, showing various buildings, roads, and green spaces. The image is in grayscale. Overlaid on the center of the image is the text "Thank You" in a large, bold, blue font.

Thank You

MEMORANDUM

To: Transportation Advisory Committee (TAC)
DCHC MPO

From: DCHC MPO Lead Planning Agency

Date: October 12, 2011

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 2010
- 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 effective of CMP projects and funded projects - ongoing

MPO Safety and Security Plan

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

Update of the MPO Public Involvement consistent with Federal Certification Review

- ✓ Action Plan and schedule completed in September 2011

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

- ✓ Action Plan and schedule completed in September 2011

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

- ✓ Action Plan and schedule completed in September 2011

MPO Freight Plan and Integration

- ✓ Action Plan and schedule completed in September 2011

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:** 5.08%
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:** 12/30/2011
Last Estimate Thru: 8/31/2011 **Scheduled Progress:** 100%
Last Estimate Paid: 9/16/2011 **Actual Progress:** 64.82%

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:** 0.11%
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: 8/15/2011 **Scheduled Progress:** 7%
Last Estimate Paid: 8/31/2011 **Actual Progress:** 4.69%

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:** 0%
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: 9/7/2011 **Scheduled Progress:** 48%
Last Estimate Paid: 9/14/2011 **Actual Progress:** 32.5%

Contract Number: C202507 **Route:** -
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: 9/15/2011 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: 3.54% 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: 11/1/2011 Last Estimate Thru: 9/7/2011 Scheduled Progress: 70% Last Estimate Paid: 9/22/2011 Actual Progress: 56.28%	Route: NC-147 County: Durham TIP Number: R-5164D Federal Aid Number: STM-0147(3) RE Phone Number: (919)840-0914
Contract Number: C202613 Physical Division: 5 Administrative Division: 5 Length: 7.59 miles Resident Engineer: Mark W. Luther, PE Location Description: 1 SECTION OF US-70 BUS, 13 SECTIONS OF US-15/501 BUS, 1 SECTION OF NC-751 AND 4 SECTIONS OF SECONDARY ROADS. Type of Work: MILLING, RESURFACING & SHOULDER RECONSTRUCTION. Contractor Name: FSC II LLC DBA FRED SMITH COMPANY Contract Amount: \$1,844,694.96 Cost Overrun/Underrun: 0.3% Availability Date: 3/15/2011 Letting Date: 9/21/2010 Completion Date: 9/2/2011 Work Began: 4/1/2011 Revised Completion Date: Estimated Completion: 10/31/2011 Last Estimate Thru: 9/7/2011 Scheduled Progress: 100% Last Estimate Paid: 9/14/2011 Actual Progress: 54.2%	Route: US-15501 County: Durham TIP Number: R-5164E Federal Aid Number: STM-0070(140) RE Phone Number: (919)220-4680
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	Route: I-85 County: Durham TIP Number: I-5145 Federal Aid Number: IMS-085-4(118)178 RE Phone Number: (919)840-0914

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: 0%
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: 9/15/2011	Scheduled Progress: 26%
Last Estimate Paid: 9/28/2011	Actual Progress: 39.03%

Contract Number: C202712	Route: NC-751, SR-1811, SR-1903 SR-1905, SR-1919, SR-1921 SR-1959
Physical Division: 5	County: Durham
Administrative Division: 5	TIP Number:
Length: 13.04 miles	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: 9.69%
Availability Date: 4/4/2011	Letting Date: 2/15/2011
Completion Date: 9/30/2011	Work Began: 5/5/2011
Revised Completion Date: 10/5/2011	Estimated Completion: 9/30/2011
Last Estimate Thru: 8/31/2011	Scheduled Progress: 88%
Last Estimate Paid: 9/7/2011	Actual Progress: 92.47%

Contract Number: C202713	Route: NC-157
Physical Division: 5	County: Durham
Administrative Division: 5	TIP Number:
Length: 14.99 miles	Federal Aid Number:
Resident Engineer: Mark W. Luther, PE	RE Phone Number: (919)220-4680
Location Description: US-15/501 FROM MT MORIAH RD TO ORANGE CO LINE, NC-157 FROM BEG 2 LANE TO ORANGE CO LINE & 7 SECTIONS OF SECONDARY RDS.	
Type of Work: WIDENING, RESURFACING & SHOULDER RECONSTRUCTION.	
Contractor Name: REA CONTRACTING A DIVISION OF THE LANE CONSTRUCTION CORPORAT	
Contract Amount: \$3,152,859.31	Cost Overrun/Underrun: 0.36%
Availability Date: 4/4/2011	Letting Date: 2/15/2011
Completion Date: 8/26/2011	Work Began: 4/4/2011
Revised Completion Date:	Estimated Completion: 8/26/2011
Last Estimate Thru: 7/31/2011	Scheduled Progress: 82%
Last Estimate Paid: 8/5/2011	Actual Progress: 99.16%

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: 0.36%
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: 11/15/2011
Last Estimate Thru: 8/31/2011	Scheduled Progress: 14%
Last Estimate Paid: 9/9/2011	Actual Progress: 7.73%

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:

<p>Availability Date: 9/6/2011 Completion Date: 11/30/2011 Revised Completion Date: Last Estimate Thru: Last Estimate Paid:</p>	<p>Letting Date: 7/26/2011 Work Began: Estimated Completion: Scheduled Progress: Actual Progress:</p>
<p>Contract Number: DE00012 Physical Division: 5 Administrative Division: 5 Length: 0.6 miles Resident Engineer: Cadmus Capehart, PE 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 Availability Date: 9/19/2011 Completion Date: 12/23/2011 Revised Completion Date: Last Estimate Thru: Last Estimate Paid:</p>	<p>Route: County: Durham TIP Number: Federal Aid Number: RE Phone Number: (919)840-0914 Cost Overrun/Underrun: Letting Date: 8/30/2011 Work Began: Estimated Completion: Scheduled Progress: Actual Progress:</p>
<p>Contract Number: DO00069 Physical Division: 5 Administrative Division: 5 Length: 0 miles Resident Engineer: Cadmus Capehart, PE 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 Availability Date: 7/11/2011 Completion Date: 11/7/2011 Revised Completion Date: Last Estimate Thru: Last Estimate Paid:</p>	<p>Route: NC-147 County: Durham TIP Number: BK-5102G Federal Aid Number: BRNHS-0147(4) RE Phone Number: (919)840-0914 Cost Overrun/Underrun: Letting Date: 8/19/2010 Work Began: 7/11/2011 Estimated Completion: Scheduled Progress: Actual Progress:</p>
<p>Contract Number: DO00070 Physical Division: 5 Administrative Division: 5 Length: 0 miles Resident Engineer: Cadmus Capehart, PE Location Description: BRIDGES #194 ON SR-1940, #202 ON SR-2080, #206 ON SR-1121, AND #212 ON NC-147. Type of Work: BRIDGE PAINTING. Contractor Name: ASTRON GENERAL CONTRACTING COMPANY INC Contract Amount: \$1,079,557.80 Availability Date: 5/2/2011 Completion Date: 8/29/2011 Revised Completion Date: Last Estimate Thru: 9/15/2011 Last Estimate Paid: 9/26/2011</p>	<p>Route: NC-147 County: Durham TIP Number: BK-5102E Federal Aid Number: BRZ-1940(2) RE Phone Number: (919)840-0914 Cost Overrun/Underrun: 0% Letting Date: 8/19/2010 Work Began: 6/24/2011 Estimated Completion: 9/23/2011 Scheduled Progress: 100% Actual Progress: 94.64%</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: 8/31/2011 Last Estimate Paid: 9/14/2011</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: 0% Letting Date: 9/2/2010 Work Began: 7/21/2011 Estimated Completion: 10/18/2011 Scheduled Progress: 30% Actual Progress: 26%</p>

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
Orange	U-4726 JA	Construct sidewalks in Hillsborough	11/19/2009	9/17/2011	final field inspection held 9/1/11; punchlist underway	\$1,034,110.00	ARRA, STP-DA & Contingency; M.A. w/ City
NCDOT PROJECTS CURRENTLY IN 12 MONTH LETTING LIST							
County	TIP #	Description	Let Date	Completion Date	Status	Cost	Comments

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. 10/15/11	behind schedule	\$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.			Awaiting execution of M.A. by Town	\$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.)		12/1/2011	F.A. construction	\$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)			Pending approval	\$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		DOT has issued Concurrence in Award for both contracts	\$20,275	CMAQ
Orange	EB-4409 34025.1.1	Installation of Orange County Bike Route Signs	4/5/2011	9/13/11	Completed and accepted for maintenance	\$34,564.50	STP
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)			MA with Town pending DOT execution	\$155,000.00	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	Advertising for bids	\$137,500.00	STP-Division Enhancement
Orange	I-5142	Mill, resurface and install pavement markers and rumble strips on I-85/I-40 from west of SR 1114 (Buckhorn Road) to the I-85/I-40 interchange	3/16/2010	estimated completion revised 10/10/11	95% complete	\$8.60 million	TIP (IM)
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	Construction authorization approved	\$300,000.00	SRTS
Orange	SR-5001 AR	Construct 320' of 5' sidewalk on Culbreth Road between Cobleridge Rd. in Chapel Hill and Rossburn Rd. in Carrboro	After construction authorization is approved	7/22/2012	Division has approved PS&E and R/W certification; need revised CE	\$50,000 \$108,000	SRTS/STP-DA
Orange	SS-4907 U 42205.2 42205.1 42171	Improve sight distance on SR 1710 by lowering the crest vertical curve on the westbound approach to the intersection of SR 1710 (Old NC 10) @ SR 1713 (Mt. Herman Church Road)	N/A	12/1/2011	FA construction pending utility relocation	\$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	Design pending scope revision	\$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	11/1/2011	F.A. construction to be coordinated with resurfacing project	\$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				\$7000 PE	Spot Safety-State
Orange	U-4726 DC	Wilson Park Multi-Use Path	11/1/2011		Municipal Agreement with Town of Carrboro; Division has reviewed PS&E; awaiting letter from Town	\$21,085 PE \$210,855 C	STPDA
Orange	U-4726 DD	Construct sidewalk on Rogers Road from Homestead Road to Meadowrun Ct.	SFY 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	SFY 2012		Municipal Agreement with Town of Carrboro for construction (replaces EL-4994) Design underway	\$737,500	STPDA
Orange	U-4726 DF	Bicycle detection at Signalized Intersections		FFY 2013	Municipal Agreement with Town of Carrboro pending	\$36,000	STP-DA
Orange	U-4726 IF	Construct stairs from the sidewalk on the north side of Franklin St. to the Bolin Creek Trail			Municipal Agreement with Town of Chapel Hill; CLOMR & CE pending	\$120,000	STPDA
Orange	U-4726 IG	Construct 10' wide greenway from existing Fan Branch Trail near Culbreth Rd. and US 15/501 to Phase I	11/15/2011		Municipal Agreement with Town of Chapel Hill; structure designs in review	\$700,000	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	\$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	Dec. 2012			\$4.0 million	
Orange	U-0624	Corridor upgrade on NC 86 (S. Columbia St.)including Bicycle lanes from SR 1906 (Purefoy Rd.) to SR 1902 (Manning Dr.)	Nov. 15, 2011			\$4.85 million	



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION


BEVERLY EAVES PERDUE
GOVERNOR

EUGENE A. CONTI, JR.
SECRETARY

October 21, 2011

MEMORANDUM

To: CMAQ Eligible MPOs & RPOs
NCDOT Highway Division Engineers
NCDOT Modal Division Directors

From: Terry C. Arellano, PE 
TPB Systems Planning Group

Subject: Upcoming Changes for North Carolina's CMAQ Program

NCDOT has been striving the past two years to refine the CMAQ process in the hopes of improving local project delivery and better protecting North Carolina from federal funding rescissions. Despite these efforts, NCDOT has received many comments from our local areas concerning the difficulties encountered when developing requests for CMAQ projects five to seven years in advance of actual implementation, most specifically citing the inability for local governments to guarantee the required matching funds that far into the future. In addition, many areas have also struggled under current work load that ties the development of local priorities for the NCDOT Prioritization Process closely to the development of proposals for CMAQ funding. Furthermore, there continues to be uncertainty concerning the funding amounts that will be available for the North Carolina CMAQ program, given the current national and state economic climates and the continued extensions of SAFETEA-LU.

In an effort to address these concerns, NCDOT is will be implementing the following modifications to the CMAQ process, effective immediately:

- CMAQ planning partners are currently developing applications for funding in federal fiscal years (FFY) 2016 and 2017 and are slated to enter these proposals in Partner Connect/NCDOT Workplace by the end of October 2011. NCDOT will review new proposals submitted through this process and send them through the interagency review process to determined eligibility. These projects will be held and may be programmed if funding becomes available in years 2012 -2015 of the current STIP.
- In spring/summer 2012, based on funding availability (considering past apportionments and cash flow limitations), NCDOT will determine the CMAQ funding targets for FFY 2016 and 2017 and will apply the CMAQ distribution formula to set the Statewide, Regional and Subregional (MPO and RPO) sub allocation targets. The TIP Unit will program blanket CMAQ projects based on these targets for each eligible MPO and RPO and the Statewide and Regional pots in the 2014-2022 draft STIP.

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MAILING ADDRESS:
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NCDOT | **TPB**
TRANSPORTATION PLANNING BRANCH
<http://ncdot.org/doh/preconstruct/tpb/>

LOCATION:
TRANSPORTATION BUILDING
1 SOUTH WILMINGTON STREET
RALEIGH, NC 27601
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Fax: 919-733-9794

- In September 2014, the MPOs, RPOs and other NCDOT Business Units will review their existing CMAQ project lists and may submit additional CMAQ applications for funding in FFY 2016 & 2017 utilizing the funding targets programmed in the 2014-2022 TIP.
- NCDOT will complete the normal CMAQ review process and provide the TIP Unit a list of CMAQ projects prior to the development of the final 2016-2024 TIP (early Spring 2015). Note that the individual CMAQ projects will be covered under the blanket CMAQ project and will not be shown individually in the STIP.

This revised process will essentially move the programming of CMAQ projects funded in FFY 2016 & 2017 from spring 2012 to spring 2015, which should lead to better programming of projects and projects that can be delivered in a timelier manner. Due to the types of projects for which NCDOT utilizes Statewide CMAQ funds, NCDOT may still program some statewide CMAQ projects for funding in 2016 and 2017 utilizing the Statewide CMAQ sub allocation.

Please note that this is a quick synopsis of the planned changes for the CMAQ program in North Carolina. We felt it prudent to share this information as quickly as possible, since many MPOs and RPOs have been striving to meet the October 31, 2011 deadline for CMAQ proposal submittal. Full revised guidance capturing these changes in more detail will be released in the near future.

Thank you for your continued patience and cooperation with implementation of the CMAQ process in North Carolina.

cc: Susan Coward, Deputy Secretary for Intergovernmental Affairs and Budget Coordination
Mike Bruff, PE, Transportation Planning Branch
Dan Thomas, PE, Transportation Planning Branch
Derry Schmidt, PE, Transportation Planning Branch
Transportation Planning Branch Geographic Region Supervisors (CMAQ Eligible Areas)
Transportation Planning Branch MPO & RPO Coordinators (CMAQ Eligible Areas)