

Member Governments

Town of Carrboro
Town of Chapel Hill
County of Chatham
City of Durham
County of Durham
County of Orange
NC Department of
Transportation
Town of Hillsborough

**DURHAM – CHAPEL HILL-CARRBORO
METROPOLITAN PLANNING ORGANIZATION
TECHNICAL COORDINATING COMMITTEE (TCC)**

AGENDA

**September 24, 2008
9:00 a.m.**

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

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

ACTION ITEMS

**4. Approval of August 27, 2008 TCC Meeting Minutes
(Attachment 4)**

A copy of the August 27, 2008 minutes is enclosed as Attachment 4.

TCC Action: Approve minutes of the August 27, 2008 TCC meeting.

**5. 2035 Long Range Transportation Plan and Comprehensive Transportation Plan –
Preferred Option
(Attachment 5, 5A, 5B)
Andy Henry, LPA Staff**

The 2035 Long Range Transportation Plan and Comprehensive Transportation Plan alternatives analysis was released for public comment on August 13, 2008. Public meetings and workshops took place in August and September. A public hearing took place at the September TAC meeting.

LPA staff have prepared a draft preferred option. Maps (Attachment 5), tables of projects and costs (Attachment 5A), and a revenue table (Attachment 5B) have been prepared (*all attachments are not currently available, but will be posted online and emailed as they are completed*). At the TCC meeting, staff will provide an overview of the 2035 LRTP preferred option. The TCC is asked to recommend that the TAC release the preferred option for public comment.

The schedule for the remainder of the 2035 LRTP process is:

Action	Date
TAC release Preferred Option for public review	10/8/08
TAC hold public hearing for Preferred Option	11/12/08, 7 pm
TAC approve 2035 LRTP	12/10/08
TAC release 2035 LRTP Air Quality Conformity Report	2/11/09
TAC hold public hearing for Conformity Report	3/11/09
TAC approve 2035 LRTP Air Quality Conformity Report	4/8/09
Federal approval of 2035 LRTP	Before 6/15/09

TCC Action: Recommend that the TAC release the 2035 Long Range Transportation Plan preferred option for public comment and schedule a public hearing at their November meeting.

6. Regional Bicycle Routes

(Attachment 6)

Dale McKeel, LPA Staff

The TAC has requested that the 2035 LRTP identify regional bicycle connections. As part of the 2035 LRTP review process, the TCC bicycle and pedestrian subcommittee developed a list of regional connections for public review. Additional modifications have been made in response to review comments. Attachment 6 is a brief description of the regional bicycle routes. A map will be provided at the meeting.

TCC Action: Review regional bicycle connections and recommend regional bicycle connections to the TAC.

7. 2009-2015 Metropolitan Transportation Improvement Program – Administrative Modification #1

(Attachment 7)

Ellen Beckmann, LPA Staff

The DCHC MPO TAC approved the final FY 2009-2015 Metropolitan Transportation Improvement Program (MTIP) on August 13, 2008. In order to maintain consistency with the State Transportation Improvement Program (STIP), the TAC approved the MTIP with several errors in the transit project tables. Administrative Modification #1 to the FY 2009-2015 MTIP (Attachment 7) addresses those errors. The North Carolina Board of Transportation will consider approval of a corresponding modification to the STIP at their November 2008 meeting.

TCC Action: Recommend that the TAC approve the resolution to modify the FY 2009-2015 Metropolitan Transportation Improvement Program (Attachment 7).

8. U-4763B Triangle Parkway

(Attachment 8)

Mark Ahrendsen, TCC Chair

The North Carolina Turnpike Authority (NCTA) has proposed a change to the Hopson Road/Triangle Parkway interchange design. The design change will make Hopson Road go over the Triangle Parkway at the interchange instead of go under the Triangle Parkway (Attachment

8). As a result, the Triangle Parkway will be lowered in the vicinity of Hopson Road. This is proposed primarily as a cost-cutting measure. NCTA would like comments on the design change by September 22, 2008.

TCC Action: Review design change on the Triangle Parkway and provide comments as needed.

REPORTS FROM STAFF:

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

TCC Action: Receive Report from staff

10. Report from the Chair
Mark Ahrendsen, TCC Chair

TCC Action: Receive Report from TCC Chair

11. NCDOT Report
(Attachment 11)
Wally Bowman, Division 5 – NCDOT
Mike Mills, Division 7 – NCDOT
Bill Barlow , Public Transportation Division – NCDOT

Adjourn

Next meeting: October 22, 2008

1 TECHNICAL COORDINATING COMMITTEE

2 August 27, 2008

3 MINUTES OF MEETING

- 4 *Mark Ahrendsen City of Durham – Transportation (TCC Chair)
- 5 *Jamal Alavi NCDOT – TPB
- 6 *Cha’ssem Anderson City of Durham - DATA
- 7 *Bill Barlow NCDOT – PTD
- 8 *Kelly Becker NCDOT – Traffic Engineering
- 9 *David Bonk Town of Chapel Hill (TCC Vice-Chair)
- 10 *Andy Henry City of Durham – Transportation
- 11 *John Hodges-Copple Triangle J COG
- 12 *Tom King Town of Hillsborough
- 13 *Karen Lincoln Orange County
- 14 *Ray Magyar UNC – Transportation
- 15 *Patrick McDonough Triangle Transit
- 16 *Adena Messinger Town of Carrboro
- 17 *Felix Nwoko City of Durham – Transportation
- 18 *Ed Venable City of Durham – Engineering
- 19 *Battle Whitley NCDOT – Division 5 Engineer
- 20
- 21 Ellen Beckmann City of Durham – Transportation
- 22 Kevin Harward City of Durham – Transportation
- 23 Dale McKeel City of Durham – Transportation
- 24 Dawn Qiu City of Durham – Transportation
- 25 Brian Rhodes City of Durham – Transportation
- 26 Jill Stark FHWA

27
28 *Voting Member

29
30 Mark Ahrendsen called the meeting to order at 9:07 a.m.

31 **PRELIMINARIES:**

32 **Adjustments to the Agenda**

33 There were no adjustments to the agenda.

34 **Public Comments**

35 There were no public comments.

36 **ACTION ITEMS:**

37 **Approval of July 23, 2008 TCC Meeting Minutes (Attachment 4)**

38 A motion was made by Felix Nwoko and seconded by Karen Lincoln to approve the July 23, 2008
39 TCC Meeting Minutes. The motion carried unanimously.

40 **2035 Long Range Transportation Plan and Comprehensive Transportation Plan – Update**

41 Andy Henry provided an update on the 2035 Long Range Transportation Plan and
42 Comprehensive Transportation Plan.

43 Andy Henry stated that the TAC voted to release the alternative analysis report for public
44 comment. Andy Henry stated the report is available online and he will make sure all TCC members get a
45 copy. Andy Henry stated the report that is online has corrections and there are better maps. Staff met
46 last week to start working on some of the preferred options and a handout was distributed at the
47 beginning of the meeting. There are four preferred options for transit being considered: Commuter
48 Rail, STAC-DMU, STAC-Electric Light Rail, and Bus Focus.

49 David Bonk stated that technology varies and this needs to be coded in the model correctly. Bill
50 Barlow asked if there is any concentration being made on the circulators.

51 Andy Henry stated that the TAC meeting will be a public hearing held at 7 p.m. Andy Henry
52 asked if staff should present the preferred option concepts to the TAC and Mark Ahrendsen stated not
53 at this time; they should bring it to the TAC in October. John Hodges-Copple asked if DCHC will release a
54 series of preferred options and Andy Henry stated the only variations will be transit and land use
55 scenarios. Felix Nwoko stated that the preferred options include the 2030 Long Range Transportation
56 Plan highway and toll projects. Mark Ahrendsen suggested applying fiscal constraint to the options.
57 David Bonk stated staff needs county based assessment of the Measures of Effectiveness to be released
58 to the public.

59 **FY 2009-2015 Transportation Improvement Program – Amendment #1 (Attachment 6)**

60 Ellen Beckmann provided an introduction for the FY 2009-2015 Transportation Improvement
61 Program – Amendment #1, along with the attachment.

62 Ellen Beckmann stated there are a number of errors, so it is a lengthy amendment. There are
63 fourteen tables attached. If needed, this item can be deferred to next month since the NC Board of
64 Transportation will not approve it until November.

65 David Bonk asked if the rural JARC funding that we have applied for needs to be in the TIP and
66 Bill Barlow stated no it does not. Ellen Beckmann will check with Mike Kozak to make sure it shows up in
67 the TIP.

68 Jill Stark stated you are still locked until there is a SAFETEA-LU compliant Long Range
69 Transportation Plan. Ms. Stark stated you can't add or drop a project. Ellen Beckmann asked when
70 amendments can be made and Ms. Stark when we have a compliant LRTP.

71 Ellen Beckmann stated she may need to make additional changes once she follows up with
72 NCDOT and the transit operators. Bill Barlow stated Mike Kozak wanted to give it to the NCDOT Board
73 for informational purposes in October. Mark Ahrendsen suggested deferring this item until next month
74 and David Bonk agreed.

75 **2008-2009 Unified Planning Work Program – Amendment #1 (Attachment 7)**

76 Adena Messinger made adjustments to the 2008-2009 Unified Planning Work Program based on
77 the Town of Carrboro's work tasks. The request is just to move the funds around to different categories.

78 A motion was made by David Bonk and seconded by Felix Nwoko to approve Amendment #1 to
79 the 2008-2009 Unified Planning Work Program. The motion carried unanimously.

80 **Request to Transfer FY 2009 CMAQ and STPDA Funds to FTA (Attachment 8)**

81 Ellen Beckmann provided an introduction for the Request to Transfer FY 2009 CMAQ and STPDA
82 Funds to FTA, along with the attachment.

83 Patrick McDonough stated Triangle Transit wants to use TX-#### for passenger amenities for the
84 transfer center which is not in the TIP yet. However, since we cannot add projects to the TIP at this
85 time, we will have to defer this project from the request until we are able to do a TIP amendment.

86 A motion was made by Felix Nwoko and seconded by Patrick McDonough to recommend that
87 the TAC approve a resolution requesting that the FY 2009 CMAQ and STPDA funds for transit projects be
88 transferred to FTA with the exception of TX-#### to be deferred until a TIP amendment is approved.

89 David Bonk stated staff needs to keep tabs on the performance of STPDA, CMAQ, JARC, and
90 New Freedom projects. Felix Nwoko stated it is a requirement for JARC/NF in the PMP. Felix Nwoko
91 stated there is no flexibility to change funds once flexed.

92 The motion carried unanimously.

93 **NCDOT Proposal for Congestion Mitigation Air Quality (CMAQ) Project Selection and Programming**
94 **Process (Attachment 9)**

95
96 Felix Nwoko provided an update on the NCDOT Proposal for Congestion Mitigation Air Quality
97 (CMAQ) Project Selection and Programming Process, along with the attachment.

98 Felix Nwoko stated that in 2004 NCDOT allowed the MPO's to select their projects. DCHC
99 approved three years of funding. Funding for the MPO was provided based on county populations.
100 NCDOT was overwhelmed with project management. NCDOT has requested comments on the proposal
101 by the end of September.

102 Felix Nwoko stated that the MPO was given this with a short deadline, and the MPO sent a letter
103 to NCDOT requesting an extension on comments. The changes they are proposing are to allocate the
104 balance of the 2004 funds. Changes include a \$250,000 minimum, cost estimates need to be verified,
105 and funds are allocated by non-attainment area. Felix Nwoko stated that fast-tracking is advantageous
106 but the \$250,000 minimum could eliminate projects. Small projects can't be combined.

107 Jill Stark will be setting up a meeting to discuss the procedure with NCDOT, MPOs, and the RPOs.

108 Mark Ahrendsen stated the LPA will send a letter raising the issues and not taking a side to be
109 shared at the NCAMPO meeting on September 11 and September 12, 2008. David Bonk stated beyond
110 the project size is the issue of the administration of the allocation within the nonattainment area.

111 **Proposed Rescission of Federal Metropolitan Planning Funds (Attachment 10)**

112 Felix Nwoko provided an update on the Proposed Rescission of Federal Metropolitan Planning
113 Funds, along with the attachment.

114 Felix Nwoko stated the MPO should provide a modified letter with legal backing on the
115 proposed reduction of PL funding indicating the practical financial impact and consequences on the
116 MPO.

117 **REPORTS FROM STAFF:**

118 **Reports from Staff (Attachment 11)**

119 The report from staff is attached for review. David Bonk is concerned over the status of other
120 regional planning projects. He expects to be involved in the project processes. Felix Nwoko provided a
121 status report. David Bonk is concerned over the non-motorized trip and is concerned that our attempts
122 are vetoed by CAMPO.

123 **Report from the Chair**

124 Mark Ahrendsen stated the Durham and Orange County Chambers of Commerce are arranging a
125 day trip to Charlotte to check out their light rail system and other transit improvements they have made
126 on October 10, 2008.

127 There will be a NCAMPO conference on November 12th through November 14, 2008. The
128 registration deadline is September.

129 **NCDOT Report (Attachment 13)**

130 Battle Whitley, NCDOT Division 5 Engineer, stated that NCDOT wants to make an Incident
131 Management Presentation to DCHC & CAMPO in October or November.

132 Dale McKeel stated they are very close with Kimley-Horn on a design contract for the Old
133 Durham-Chapel Hill road project. Mark Ahrendsen and David Bonk need to meet regarding the NC 54
134 study.

135 Bill Barlow, NCDOT will be providing monthly update on the transit projects.

136

INFORMATIONAL ITEMS:

137 **USDOT Proposal “Refocus, Reform, Renew”: National Association of Regional Councils (NARC)**
138 **Summary and Response (Attachments 14 and 14A)**

139

140 Attached is the USDOT Proposal “Refocus, Reform, Renew”: National Association of Regional

141 Councils (NARC) Summary and Response is attached.

142 Felix Nwoko stated this informational item could impact us greatly. Jill Stark stated it could

143 increase the population threshold for MPOs, blend regions together, and some of the smaller MPOs may

144 drop out. This should be discussed at the next NCAMPO meeting.

145 **Adjournment**

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

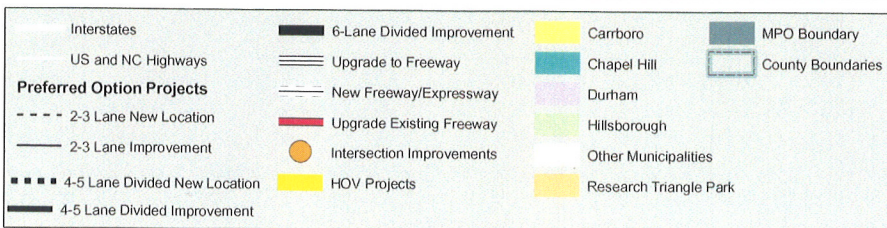
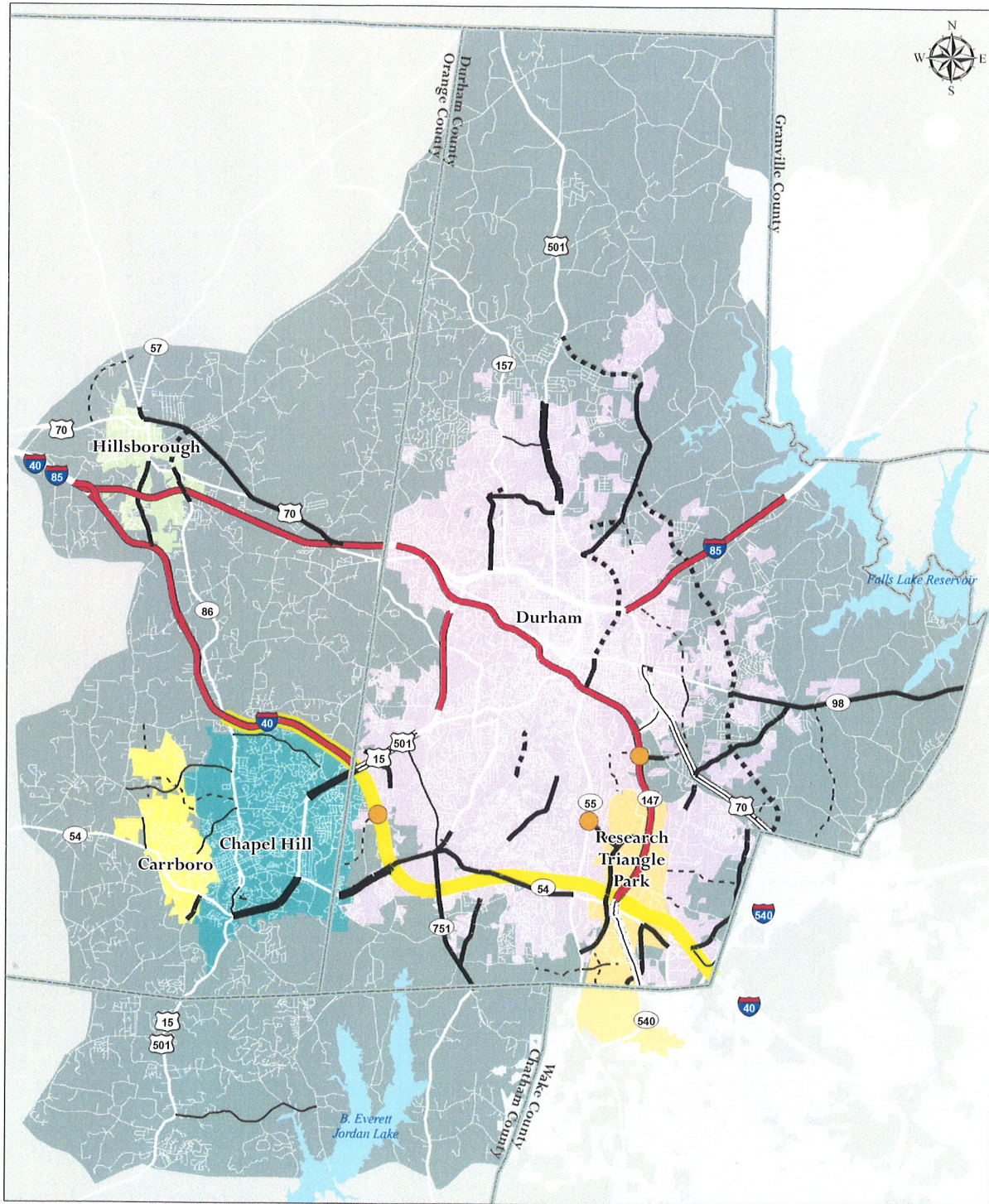
147 adjourned at 11:04 a.m.

148 Dale McKeel stated that if anyone is interested in learning how to run the crash reports for the


149 TIP ranking methodology process, they will be meeting immediately afterward for about thirty minutes.

DURHAM CHAPEL HILL CARRBORO METROPOLITAN PLANNING ORGANIZATION

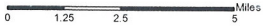
Roadway Improvements in Preferred Option



Transportation
Plan 20 35



The Louis
Berger Group, Inc.
8.6.2008



2035 L RTP
DCHC Highway Projects -- Preferred Option

TCC 9/24/08 Attachment 5A

New ID	Project	Project Limits	Length (miles)	AQ Year	Existing Cross-Section	Proposed Cross-Section	Total Cost (2008 dollars)	Regionally Significant?	Exempt?	County	TIP No.
1	Alexander Dr	Cornwallis Rd to NC 147	1.00	2017	2	4	\$8,900,000	No	No	Durham	U-3309
3	Alexander Dr.	NC 54 to NC 55	2.41	2025	2	4	\$36,320,089	No	No	Durham	
4	Alexander Dr.	NC 54 to Cornwallis Rd	1.89	2025	2	4	\$28,777,551	No	No	Durham	
5	Alston Ave Ext	Holloway St to Old Oxford/Roxboro	4.26	2035	0	4	\$76,846,071	No	No	Durham	
8.11	Briggs Ave Ext	So-Hi Dr to Riddle Rd	1.60	2035	0	2	\$17,026,575	No	No	Durham	
9	Carver Street Ext	Armfield St to Old Oxford Rd	0.73	2017	0	4	\$7,660,000	No	No	Durham	CIP
10.11	Chin Page Ext.	Page Rd to Wake County Line	0.66	2025	0	2	\$7,023,462	No	No	Durham	
12	Cornwallis Rd	MLK to Alexander Dr	1.18	2025	2	4	\$12,296,424	No	No	Durham	
13.11	Cornwallis Rd Ext	Miami Blvd to Chin Page Rd	0.78	2035	0	2	\$8,300,455	No	No	Durham	
15	East End Connector (EEC)	NC 147 to US 70 E; US 70:EEC to NC 98	2.50	2017	0	4	\$155,401,000	Yes	No	Durham	U-0071
16	Elizabeth Brady Rd Ext	US 70 Business to St Many's Rd	1.40	2017	0	4	\$33,594,000	No	No	Orange	U-3808
17	Estes Dr	Greensboro Rd to NC 86	1.70	2025	2	3	\$6,600,000	No	No	Orange	U-2909
22.1	Fayetteville Rd	Renaissance Pkwy to NC 751	1.90	2025	2	4	\$20,826,715	No	No	Durham	
23	Fayetteville Rd	Woodcroft Pkwy to Cornwallis Rd	2.31	2017	2	4	\$23,134,000	No	No	Durham	CIP
24.11	Garrett Rd	NC 751 to US 15-501	3.12	2025	2	3	\$16,905,274	No	No	Durham	
26.11	Globe Rd. Ext. (Brier Creek Parkway)	Miami Blvd. To Wake County Line	1.98	2035	0	2	\$21,070,387	No	No	Durham	
27	Glover Rd	Glover Rd/NC 147 interchange; 147 to Angler	0.64	2025	2	4	\$33,231,525	No	No	Durham	
28.11	Glover Rd	Angler to US 70	0.59	2025	0	2	\$6,278,550	No	No	Durham	
30	Hillandale Rd	I-85 to Carver St.	0.70	2011	2	4	\$10,943,000	No	No	Durham	U-3804
31	Hillandale Rd	Carver to Horton Rd	1.53	2025	2	4	\$15,888,705	No	No	Durham	
32	Hillandale Rd Ext	Horton Rd to Guess Rd	0.88	2035	0	4	\$14,550,463	No	No	Durham	
33	Hillsborough Rd/Old Fayetteville	Lorraine St to Old Fayetteville/NC 54	0.50	2025	2	3	\$1,800,000	No	Yes	Orange	U-3100
35	Homestead Rd	High School Rd to NC 86	1.70	2025	2	3	\$10,300,000	No	No	Orange	U-2805
36	Homestead Rd	Old NC 86 to High School Rd	1.47	2025	2	3	\$7,456,139	No	No	Orange	
39	Horton Rd	Duke St to Hillandale Rd	1.90	2035	2	4	\$21,906,715	No	No	Durham	
40	(Horace Williams Network) Carolina North	Carolina North Campus (this is not an extension of Weaver Dairy Rd.)	2.16	2020	0	2	\$23,032,799	No	No	Orange	
41	I-40/Farrington Rd interchange	I-40/Farrington Rd interchange	0.20	2025	0	1	\$25,500,000	No	No	Durham	

2035 LRTP
DCHC Highway Projects -- Preferred Option

New ID	Project	Project Limits	Length (miles)	AQ Year	Existing Cross-Section	Proposed Cross-Section	Total Cost (2008 dollars)	Regionally Significant?	Exempt?	County	TIP No.
43	I-40	US 15-501 to NC 86	4.10	2035	4	6	\$43,996,747	Yes	No	Orange	
44	I-40	NC 86 to I-85	7.32	2035	4	6	\$77,277,997	Yes	No	Orange	
45	I-40 HOV	Wake County Line to NC 86	16.63	2035	0	0	\$806,000,000	Yes	No	Durham	
46	I-540	Ramp improvement: I-540 W to I-40 W	0.69	2011	1	2	\$4,930,000	Yes	No	Durham	R-2000
48	I-85	I-40 to the Durham Co line	8.35	2025	4	6	\$210,782,000	Yes	No	Orange	I-0305
49	I-85	US 70 to Redwood Rd.	5.25	2025	4	6	\$132,527,605	Yes	No	Durham	
51	Lake Hogan Farms Rd Ext	Lake Hogan Farms Rd to Eubanks Road	0.68	2020	0	2	\$8,865,610	No	No	Orange	
52	Latta Rd	Guess Rd to Roxboro Rd	1.20	2035	2	3	\$3,989,098	No	No	Durham	
54.11	Leesville Rd Ext	Leesville Rd to US 70/Page Rd	1.18	2035	0	2	\$11,640,610	No	No	Durham	
57	Lynn Rd. Ext	NC 98/Glover Rd Ext to Existing Lynn Rd.	0.86	2035	0	2	\$9,346,199	No	No	Durham	
58	Mason Farm Rd Realignment	Near S Columbia St	1.10	2025	0	2	\$15,269,897	No	No	Orange	
60	Midland Terrace	NC 98 to Geer St	1.80	2035	0	2	\$13,663,317	No	No	Durham	
61	Midland Terrace	Dearborn to Old Oxford Rd/Hamlin Junction	0.95	2035	0	2	\$14,434,687	No	No	Durham	
63	MILK Pkwy (NC 55 interchange)	NC 55 to Cornwallis Rd connector	0.49	2035	0	4	\$25,800,000	Yes	No	Durham	U-2405
64.11	NC 147 General purpose widening	Alston Ave to East End Connector	1.84	2035	4	6	\$25,497,857	Yes	No	Durham	
64.12	NC 147 General purpose widening	Alston Ave to I-85	11.60	2035	4	6	\$184,278,893	Yes	No	Durham	
64.13	NC 147 General purpose widening	East End Conn to I-40	4.78	2035	4	6	\$52,645,086	Yes	No	Durham	
66	NC 147 South Ext (Triangle Pkwy -toll)	I-40 to County Line	2.40	2017	0	6	\$156,700,000	Yes	No	Durham	
69	NC 54	I-40 Interchange to NC 55	3.91	2025	2	4	\$28,159,128	No	No	Durham	
70	NC 54	I-40 to Barbee Chapel Rd	1.68	2025	4	6	\$29,071,328	Yes	No	Durham	
73	NC 54/IUS 15-501 Bypass	NC 54 to US 15-501	2.12	2025	4	6	\$22,372,618	Yes	No	Orange	
75	NC 55 (Alston Ave.)	NC 147 to NC 98	1.00	2017	2	4	\$23,320,000	No	No	Durham	U-3308
77.1	NC 751	S Roxboro St to NC 54	0.7	2025	2	4	\$10,245,211	No	No	Durham	
77.2	NC 751	NC 54 to Renaissance Pkwy	1.23	2025	2	4	\$12,783,400	No	No	Durham	
77.3	NC 751	Renaissance Pkwy to Fayetteville/Scott King Rd	1.94	2025	2	4	\$20,162,436	No	No	Durham	
78	NC 751	O'Kelly Chapel Rd to Fayetteville/Scott King Rd	0.74	2035	2	4	\$7,690,826	No	No	Durham	
80	NC 86	Old NC 10 to US 70 Business	1.00	2025	2	4	\$12,553,008	No	No	Orange	

2035 L RTP
DCHC Highway Projects -- Preferred Option

TCC 9/24/08 Attachment 5A

New ID	Project	Project Limits	Length (miles)	AQ Year	Existing Cross-Section	Proposed Cross-Section	Total Cost (2008 dollars)	Regionally Significant?	Exempt?	County	TIP No.
81	NC 86	US 70 Bypass to NC 57	0.42	2025	2	4	\$4,365,063	No	No	Orange	
81.1	NC 98 (Holloway St)	Wake County Line to Mineral Springs	6.40	2035	2	4	\$67,595,251	No	No	Durham	
83	Northern Durham Pkwy	US 70 E to I 85 North	6.40	2025	0	4	\$105,821,553	Yes	No	Durham	
84	Northern Durham Pkwy	I 85 North to Old Oxford Hwy	2.40	2025	0	4	\$41,843,082	Yes	No	Durham	
85	Northern Durham Pkwy	Old Oxford Hwy to Roxboro Rd	2.64	2025	0	2	\$28,093,849	No	No	Durham	
86	Old NC 86	I-40 to Lafayette Dr.	0.80	2035	2	4	\$6,176,000	No	No	Orange	R-2825
87	Old NC 86	Lafayette Dr to US 70 Business	1.70	2035	2	4	\$13,124,000	No	No	Orange	R-2825
88	Old Oxford Rd	Roxboro Rd to Snow Hill Rd	2.23	2025	2	4	\$24,256,408	No	No	Durham	
89	Olive Branch Rd Ext	NC 98 to US 70	1.48	2035	0	2	\$16,869,085	No	No	Durham	
90	Page Rd	I-40 to Page Rd Ext	4.22	2035	2	4	\$43,858,494	No	No	Durham	
91	Riddle Rd. Extension	Ellis Rd. to NC 147	0.49	2025	0	2	\$5,214,389	No	No	Durham	
92	Roxboro Road (601N)	Duke Street to Goodwin Rd	2.65	2035	4	6	\$40,962,074	Yes	No	Durham	U-4722
94	Roxboro St	Cornwallis Rd to MLK Pkwy	1.10	2025	0	4	\$18,188,079	No	No	Durham	
95.11	Scott King Rd	Grandale Dr to Hopson Rd	0.95	2035	0	2	\$11,189,529	No	No	Durham	
96	Seawell School Connector	Lake Hogan Farms Rd to Seawell School Rd	1.70	2035	0	2	\$18,090,736	No	No	Orange	
96.1	Sherron Rd.	US 70 to NC 98	3.3	2040	2	4	\$34,296,926	No	No	Durham	
97	Smith Level Rd	Rock Haven Rd to NC 54 bypass	0.60	2017	2	3	\$5,400,000	No	No	Orange	U-2803
98	South Columbia St	NC 54 to Manning Dr.	0.70	2017	0	2	\$3,650,000	Yes	Yes	Orange	U-624
102	SW Durham Dr	Meadowmont Dr to I-40	1.55	2025	0	2	\$18,624,263	No	No	Durham	
104	SW Durham Dr.	Watkins Rd (Old Chapel Hill Rd to US 15-501	0.70	2017	2	4	\$10,245,211	No	No	Durham	
106	SW Durham Dr.	US 15-501 to Mt. Moriah Rd.	0.35	2025	0	4	\$9,054,232	No	No	Durham	
111	US 15-501	I-40 to Franklin St	1.40	2035	4	6	\$24,270,422	Yes	No	Orange	
113	US 15-501	Bypass to I-40 (freeway conversion)	2.39	2035	4	6	\$106,381,000	Yes	No	Durham	
114	US 15-501 Bypass	Pickett Rd to Morreene Rd	2.69	2035	4	6	\$35,903,280	Yes	No	Durham	
116	US 70	Lynn Rd to Wake Co line	4.11	2025	4	6	\$128,731,026	Yes	No	Durham	
117	US 70 Bypass	NC 86 to I-85 (exit 170)	7.80	2025	2	4	\$115,240,925	No	No	Orange	
119	Weaver Dairy Rd	NC 86 to Erwin Rd	2.80	2017	2	3	\$11,070,000	No	No	Orange	U3306

DCHC Highway Projects -- Preferred Option

New ID	Project	Project Limits	Length (miles)	AQ Year	Existing Cross-Section	Proposed Cross-Section	Total Cost (2008 dollars)	Regionally Significant?	Exempt?	County	TIP No.
120	Western Bypass	US 70 to NC 86	2.60	2025	0	2	\$27,688,185	No	No	Orange	
121	Western Bypass	NC 86 to Stroud Creek Rd	0.30	2025	0	2	\$3,192,483	No	No	Orange	
123.11	Woodcroft Pkwy Ext	Garrett Rd to Hope Valley Rd	0.27	2025	0	2	\$2,873,235	No	No	Durham	
Total			194				\$3,597,822,241				

Regional Bicycle Routes

A major objective of the 2035 Long-Range Transportation Plan is to identify regional bicycle routes in the Durham-Chapel Hill-Carrboro MPO region. Regional bicycle routes have several characteristics, as follows:

- Provide links between major destinations and between urban centers.
- Facilitate primarily utilitarian bicycle trips, though the routes can also serve recreational cycling.
- Serve as a backbone to a finer grained system of local bicycle routes in each jurisdiction.

The regional bicycle route map identifies a variety of corridors in need of improved bicycle facilities. The map primarily identifies on-road routes, but off-road routes are also identified. The regional routes will be evaluated from time-to-time, including future updates of the long-range transportation plan.

In planning the regional bicycle routes, 10 specific zones of connections were targeted. The following listing shows the identified regional routes within each zone of connection:

Connections between Carrboro and Chapel Hill

- Weaver Dairy Road
- Homestead Road
- Morgan Creek Trail (off-road)
- Bolin Creek Trail (off-road)

Connections between Carrboro-Chapel Hill and Hillsborough

- Old NC 86 / Old Fayetteville Road
- NC 86

Connections between Carrboro-Chapel Hill and Chatham County

- Smith Level Road
- US 15-501

Connections between Durham and Chatham County

- NC 751 / Hope Valley Road / S. Roxboro Road
- American Tobacco Trail (off-road)

Connections between Durham and Hillsborough

- Old NC 10
- NC 751
- Bennett Memorial Road / Neal Road / Morreene Road

Connections between Durham and Carrboro-Chapel Hill

- Erwin Road
- Old Durham-Chapel Hill Road
- Ephesus Church Road / Farrington Road

Connections between Carrboro-Chapel Hill and Research Triangle Park

- NC 54
- Barbee Chapel Road / Farrington Road / Stage Coach Road / Massey Chapel Road / Barbee Road
- O’Kelly Chapel Road

Connections between Durham and Research Triangle Park

- Alston Avenue
- Davis Drive
- Northeast Creek Parkway / Briggs Avenue

Connections between Treyburn-North Durham and Durham

- Northern Durham Parkway / Miami Boulevard
- North-South Greenway (off-road) / US 501
- Midland Terrace / Lynn Road

Connections between Briar Creek (Wake County) and Research Triangle Park

- Chin Page Road
- T.W. Alexander Drive

Other Regional Connections

- NCDOT Mountains-to-Sea Bicycle Route in Orange and Chatham counties (use Olds Greensboro Highway, Jones Ferry Road, S. Greensboro Street, Smith Level Road, Culbreth Road, and Mount Carmel Church Road)

**RESOLUTION TO MODIFY THE
2009-2015 TRANSPORTATION IMPROVEMENT PROGRAM
FOR THE DURHAM-CHAPEL HILL-CARRBORO URBAN AREA**

**ADMINISTRATIVE MODIFICATION #1
September 10, 2008**

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

WHEREAS, The Metropolitan Transportation Improvement Program (MTIP) is a staged multiple year listing of all federally funded transportation projects scheduled for implementation within the Durham-Chapel Hill-Carrboro Urban Area which have been selected from a priority list of projects; and

WHEREAS, The document provides the mechanism for official endorsement of the program of projects by the Transportation Advisory Committee (TAC); and

WHEREAS, The inclusion of the TIP in the transportation planning process was first mandated by regulations issued jointly by the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) and no project within the planning area will be approved for funding by these federal agencies unless it appears in the officially adopted TIP; and

WHEREAS, The procedures for developing the MTIP have been modified in accordance with certain provisions of the SAFETEA-LU Federal Transportation Act and guidance provided by the State; and

WHEREAS, Projects listed in the MTIP are also included in the State TIP (STIP) and balanced against anticipated revenues as identified in the STIP; and

WHEREAS, The North Carolina Department of Transportation and the Transportation Advisory Committee have determined it to be in the best interest of the Urban Area to modify the FY 2009-2015 Metropolitan Transportation Improvement Program as described in the attached sheets; and

WHEREAS, There has been no change in the MTIP project schedule or project design concept and scope with regard to the air quality conformity finding made by the Durham-Chapel Hill-Carrboro Transportation Advisory Committee on August 13, 2008; and

Now, therefore, be it resolved that:

The Durham-Chapel Hill-Carrboro Transportation Advisory Committee hereby modifies the FY 2009-2015 Metropolitan Transportation Improvement Program of the Durham-Chapel Hill-Carrboro Urban Area, as approved by the TAC on August 13, 2008, and as described in the "Attachment to Resolution for Administrative Modification #1 to DCHC 2009-2015 MTIP."

I, _____, Transportation Advisory Committee Chair, do hereby certify that the above is a true and correct copy of the excerpt from the minutes of a meeting of the Durham-Chapel Hill-Carrboro Transportation Advisory Committee, duly held on the 10th day of September 2008.

Signature of the TAC Chair
Durham-Chapel Hill-Carrboro Transportation Advisory Committee

STATE of: North Carolina
COUNTY of _____

I, _____, Notary Public of _____ County, North Carolina do hereby certify that _____ personally appeared before me on the _____ day of _____ 2008 to affix her signature to the foregoing document.

Notary Public
My Commission expires: _____

Administrative Modification #1 to the DCHC MPO FY 2009-2015 MTIP

TABLE 1
Existing - Funded project

I. D. No.	System	Description	Funding		FY 2009
TG-4731	Chapel Hill	Preventative maintenance, associated capital maintenance items, routine capital items-- office and shop equipment.	FUZ	CP	900
			L	CP	325
			STPDA	CP	400
			TOTAL		1,625

Amended - Funded project - STPDA funding deleted

I. D. No.	System	Description	Funding		FY 2009
TG-4731	Chapel Hill	Preventative maintenance, associated capital maintenance items, routine capital items-- office and shop equipment.	FUZ	CP	900
			L	CP	325
			TOTAL		1,225

TABLE 2
Existing - Unfunded project

I. D. No.	System	Description	Funding		FY 2009
TG-4958	Durham	Passenger amenities - shelters, benches, trash cans, solar lights, sidewalks	L	CP	26
			STPDA	CP	128
			TOTAL		154

Amended - Funded project - \$ changed

I. D. No.	System	Description	Funding		FY 2009
TG-4958	Durham	Passenger amenities - shelters, benches, trash cans, solar lights, sidewalks	L	CP	22
			STPDA	CP	86
			TOTAL		108

TABLE 3
Existing - Funded project

I. D. No.	System	Description	Funding		FY 2009	FY 2010
C-5103	Durham	Purchase two (2) hybrid electric buses and provide portion of operating assistance for two years	CMAQ	A	864	
			C	A	216	
			CMAQ	O	238	247
			C	O	59	62
			TOTAL		1,377	309

Amended - Funded project - C ("city") changed to L ("local") for acquisition to reflect combination of city and state match

I. D. No.	System	Description	Funding		FY 2009	FY 2010
C-5103	Durham	Purchase two (2) hybrid electric buses and provide portion of operating assistance for two years	CMAQ	A	864	
			L	A	216	
			CMAQ	O	238	247
			C	O	59	62
			TOTAL		1,377	309

TABLE 4
Existing - Funded project

I. D. No.	System	Description	Funding		FY 2009	FY 2010	FY 2011
C-5104	Chapel Hill	Purchase two (2) hybrid electric buses and provide portion of operating assistance for three years	CMAQ	A	1,360		
			C	A	340		
			CMAQ	O	91	94	97
			C	O	23	23	24
			TOTAL		1,814	117	121

Amended - Funded project - C ("city") changed to L ("local") for acquisition to reflect combination of city and state match

I. D. No.	System	Description	Funding		FY 2009	FY 2010	FY 2011
C-5104	Chapel Hill	Purchase two (2) hybrid electric buses and provide portion of operating assistance for three years	CMAQ	A	1,360		
			L	A	340		
			CMAQ	O	91	94	97
			C	O	23	23	24
			TOTAL		1,814	117	121

TABLE 5
Existing - Unfunded project FY 2013

I. D. No.	System	Description	Funding		FY 2009	FY 2013
TA-4923	Durham	11- Replacement buses	CMAQ	CP	3,080	
			FED			9600
			L	CP	385	1200
			STAT	CP	385	1200
			TOTAL		3,850	12000

Amended - Unfunded project FY 2013 - 7 buses were funded in FY 2008 with CMAQ funding - 4 buses funded with federal earmark

I. D. No.	System	Description	Funding		FY 2009	FY 2013
TA-4923	Durham	Replacement buses 4 - FY 2009 30 - FY 2013	FED		1760	9600
			L	CP	220	1200
			STAT	CP	220	1200
			TOTAL		2,200	12000

TABLE 6
Existing - Funded project

I. D. No.	System	Description	Funding		FY 2009
TA-4755	Durham	Expansion buses 13 - FY 2009	CMAQ	CP	3,024
			L	CP	702
			STAT	CP	702
			STPDA	CP	2592
			TOTAL		7,020

Amended - Funded project - CMAQ funding deleted - Added federal earmark for 2 buses

I. D. No.	System	Description	Funding		FY 2009
TA-4755	Durham	Expansion buses 8 - FY 2009	L	CP	812
			STAT	CP	812
			STPDA	CP	2592
			FED	CP	880
			TOTAL		5,096

TABLE 7

Existing - Unfunded project

I. D. No.	System	Description	Funding		FY	FY	FY	FY	FY
					2009	2010	2011	2013	2014
TA-4726	Chapel Hill	Replacement buses	FED	CP	4,130	7190	3897	5406	3275
		11 - FY 2009	L	CP	448	1023	423	586	355
		26 - FY 2010	STAT	CP	398	909	376	521	316
		13 - FY 2011	STPDA	CP		2242			
		17 - FY 2013							
		10 - FY 2014	TOTAL		4,976	11,364	4,696	6,513	3,946

Amended - Unfunded project - # and \$ of buses in FY 2009 changed to reflect FY 2008 CMAQ funds

I. D. No.	System	Description	Funding		FY	FY	FY	FY	FY
					2009	2010	2011	2013	2014
TA-4726	Chapel Hill	Replacement buses	FED	CP	818	7190	3897	5406	3275
		3 - FY 2009	L	CP	102	1023	423	586	355
		26 - FY 2010	STAT	CP	102	909	376	521	316
		13 - FY 2011	STPDA	CP		2242			
		17 - FY 2013							
		10 - FY 2014	TOTAL		1,022	11,364	4,696	6,513	3,946

TABLE 8

Existing - Unfunded project

I. D. No.	System	Description	Funding		FY
					2009
TA-4992	Triangle Transit	Vanpool fleet expansion	FEDU	CP	712
			L	CP	178
			TOTAL		890

Amended - Unfunded project - \$ changed to reflect FY 2008 CMAQ funds

I. D. No.	System	Description	Funding		FY
					2009
TA-4992	Triangle Transit	Vanpool fleet expansion	FEDU	CP	168
			STAT	CP	21
			L	CP	21
			TOTAL		210

TABLE 9

Existing - Unfunded project

I. D. No.	System	Description	Funding		FY	FY	FY
					2009	2011	2012
TA-4818	Triangle Transit	Replacement buses	FED	CP	4,624	4080	2992
		17 - FY 2009	L	CP	578	510	374
		15 - FY 2011	STAT	CP	578	510	374
		11 - FY 2012	TOTAL		5,780	5,100	3,740

Amended - Unfunded project - \$ and # in FY 2009 changed to reflect FY 2008 CMAQ funds

I. D. No.	System	Description	Funding		FY	FY	FY
					2009	2011	2012
TA-4818	Triangle Transit	Replacement buses	FED	CP	1,904	4080	2992
		7 - FY 2009	L	CP	238	510	374
		15 - FY 2011	STAT	CP	238	510	374
		11 - FY 2012	TOTAL		2,380	5,100	3,740

TABLE 10
Existing - Funded project

I. D. No.	System	Description	Funding		FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015
TM-5123	Chapel Hill	Job Access/Reverse Commute Operating Cost	JARC	O	85	89	94	98	103	108	114
			L	O	85	89	94	98	103	108	114
			TOTAL		170	178	188	196	206	216	228

Amended - MPO-wide project, All MPO funds shown, Funded in FY 2009, Unfunded in FY 2010-2015

I. D. No.	System	Description	Funding		FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015
TM-5123	Various Durham Orange Chatham	Job Access/Reverse Commute Operating Cost	JARC	O	174	174	174	174	174	174	174
			L	O	174	174	174	174	174	174	174
			TOTAL		348	348	348	348	348	348	348

TABLE 11
Existing - Funded project

I. D. No.	System	Description	Funding		FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015
TM-5129	Chapel Hill	New Freedom Operating Cost	FNF	O	50	53	55	58	61	64	67
			L	O	50	53	55	58	61	64	67
			TOTAL		100	106	110	116	122	128	134

Amended - MPO-wide project, All MPO funds shown, Funded in FY 2009, Unfunded in FY 2010-2015

I. D. No.	System	Description	Funding		FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015
TM-5129	Various Durham Orange Chatham	New Freedom Operating Cost	FNF	O	78	78	78	78	78	78	78
			L	O	78	78	78	78	78	78	78
			TOTAL		156	156	156	156	156	156	156

TABLE 12
Existing - Unfunded project

I. D. No.	System	Description	Funding		FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015
TA-4995	Chapel Hill	Expansion buses	FEDU	CP	1394	900	1295	1233	1374	1414
		3 - FY 2010 (hybrids)	L	CP	151	98	140	145	149	153
		3 - FY 2011	STAT	CP	151	87	125	128	132	136
		3 - FY 2012 (2 hybrids)								
		3 - FY 2013 (2 hybrids)								
		3 - FY 2014 (2 hybrids)								
		3 - FY 2015 (2 hybrids)	TOTAL			1,696	1,085	1,560	1,506	1,655

Amended - Unfunded project - fixed \$ error in FY 2013

I. D. No.	System	Description	Funding		FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015
TA-4995	Chapel Hill	Expansion buses	FEDU	CP	1394	900	1295	1333	1374	1414
		3 - FY 2010 (hybrids)	L	CP	151	98	140	145	149	153
		3 - FY 2011	STAT	CP	151	87	125	128	132	136
		3 - FY 2012 (2 hybrids)								
		3 - FY 2013 (2 hybrids)								
		3 - FY 2014 (2 hybrids)								
		3 - FY 2015 (2 hybrids)	TOTAL			1,696	1,085	1,560	1,606	1,655

MEMORANDUM

To: Transportation Advisory Committee (TAC)
DCHC MPO

From: DCHC MPO Lead Planning Agency

Date: September 10, 2008

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

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

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

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

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

- ✓ Draft schedule – August 2006
- ✓ Release SE Data for public comment – January 2007
- ✓ Release Goals and Objectives for public comment – July 2007
- ✓ TAC approve SE Data – September 2007
- ✓ Goals and Objectives – TAC hold public hearing, September 2007, and approve, October 2007.
- ✓ TAC approve Targets – February 2008
- ✓ TAC review Deficiency Analysis – March 2008
- ✓ TAC review Land Use Scenarios – May 2008
- ✓ TAC review LRTP Alternatives – August 2008
 - Public Outreach for Alternatives – August-September 2008
 - Public Hearing on the LRTP Alternatives – September 10, 2008
 - Release of the Preferred Option for Public Comments and Input – October 200.
 - Public Hearing on the Preferred Option – October 8, 2008
 - Approval of 2035 LRTP to be used for air quality analysis – December 2008
 - Air analysis and Inter-Agency Coordination – December 2008 to February 2009
 - Release of draft 2036 LRTP Conformity report – March 2009
 - TAC approval of LRTP conformity Determination – April 2009

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

- ✓ Staff study initiation meeting
 - ✓ Draft scope of services
 - ✓ Agency review of scope and time
- Request for Proposal notice – October 2008
Proposal due November 2008
Consultant selection November/ December 2008
Council contract approval February/March 2009
Notice to Proceed – February/March 2009

MPO Parking Survey and Study

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

Commercial Vehicle/Freight Survey

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

GIS/Data Integration and Automation

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

Land-use Model development

- ✓ Multi-year project in progress
- ✓ Review of existing data and need/requirement analysis completed
- ✓ Land use data collection completed
- ✓ Development of Model specification Completed

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

Non-Motorized Model development

- ✓ Phase 1 completed.
- Phase 2 underway awaiting the completion of LRTP modeling tasks
 - Update and enhancement of Generation Choice Models
 - Revision and revalidation of Destination choice models
 - Development of improved Model Choice model
 - Prepare and implement new TransCad routines to implement new models
 - Documentation, User's manual, and training
 - Project completion date anticipated in 2010

ITS Deployment Plan

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

Farrington Road/Stagecoach Road Corridor Study

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

MPO Collector Street Plan

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

MPO Expansion for the next LRTP Update

- ✓ Initiated dialogue with Person County, Granville County, Butner, Roxboro and Pittsboro – July 2006
- ✓ Met with governing bodies of these jurisdictions – September 2006
- ✓ MPO expansion and revision of MOU expected to be completed as part of the 2035 LRTP update.

Public Outreach for the East End Connector Planning and Environmental Study

- ✓ LPA working on the Public Involvement and Outreach Program for the East End Connector Planning and Environmental Study (NEPA).
- ✓ Development of mailing list database complete.
- ✓ Received project schedule and time line from NCDOT.
- ✓ Newsletter distributed May 2006
- ✓ Speakers Bureau presentations June 2006 – ongoing
- ✓ First public meeting September 26, 2006
- ✓ Second public meeting – January 30, 2007
- ✓ Alternative 3 selected as LEDPA – June 19, 2007
- ✓ Ad Hoc Committee Meetings – August 9, 2007, August 27, 2007, September 19, 2007, October 10, 2007, November 7, 2007, December 5, 2007
- ✓ Third public meeting December 10, 2007, Orange Grove Missionary Baptist Church
- Environmental Study expected completion - summer 2008

NCDOT PROJECTS UNDER CONSTRUCTION IN DURHAM COUNTY - 9/2/2008

County	TIP #	Route	Location Description	Contract Amount	Length	Contractor Name	Resident Engineer	RE Ph. #	Contract Completion	Scheduled Progress	Actual Progress	Estimated Completion
DURHAM	I-306G	I-85	WIDENING OF I-85 FROM EAST OF COLE MILL RD TO WEST OF BROAD STREET.	\$ 66,629,382.65	3.416 km	Granite Construction Company	Durham RE Office	(919) 220-4680	12/31/2006	100%	100%	COMPLETE
DURHAM	U-4010	NC 98	WIDENING OF NC 98 (HOLLOWAY ST) FROM EAST OF US 70 TO EAST OF JUNCTION ROAD	\$ 3,288,207.30	0.369 miles	Triangle Grading and Paving	Cadmus Capehart, PE	(919) 840-0914	6/15/2008	100.0%	45.6%	12/15/2008
DURHAM	U-4410DB	HOPSON ROAD	NEW ALIGNMENT OF HOPSON ROAD FROM NC-55 TO LOUIS STEPHENS DRIVE	\$ 3,476,305.55	0.587 miles	Thompson Contracting, Inc.	Jeff Allen, PE	(919) 733-9499	10/1/2008	74.0%	68.9%	10/1/2008
DURHAM	2008-RESURF	US-501, NC-55, SR	RESURFACING AND SHLDR RECONSTR. OF US-501, NC-55 AND 14 SECTIONS OF SECONDARY RDS	\$ 3,389,883.53	21.5 miles	C C Mangum Company LLC	Cadmus Capehart, PE	(919) 840-0914	8/1/2008	100%	100%	COMPLETE
DURHAM / WAKE	U-4026A/B R-2904	DAVIS DRIVE / NC-54	WIDENING OF DAVIS DRIVE FROM MORRISVILLE-CARPENTER ROAD TO NC 54, WIDENING OF NC-54 FROM DAVIS DRIVE TO MIAMI BLVD	\$ 35,467,891.08	6.363 miles	C C Mangum Company LLC	Jeff Allen, PE	(919) 733-9499	11/1/2009	46.1%	62.1%	11/1/2009
DURHAM	B-3169	RIVERMONT ROAD	BRIDGE 158 ON RIVERMONT ROAD (SR-1402)	\$ 539,350.81	0.067 miles	SMITH-ROWE, INC.	Durham RE Office	(919) 220-4680	11/10/2008	46.5%	52.5%	11/10/2008
DURHAM	B-3450 / U-4009 / U-4012	GARRETT ROAD	TWO BRIDGES ON GARRETT RD; SERVICE ROAD NEAR US 15-501 AND GARRETT RD INTERSECTION; US 15-501 FROM NORTH MT. MORIAH RD SOUTH OF GARRETT RD	\$ 18,810,912.36	1.769 miles	DLB, Inc.	Durham RE Office	(919) 220-4680	8/1/2010	15.2%	14.1%	8/1/2010
DURHAM / WAKE	B-3528	LEESVILLE ROAD	BRIDGE OVER SYCAMORE CREEK ON LEESVILLE ROAD (SR-1839)	\$ 1,174,705.74	0.284 miles	Mountain Creek Contractors, LLC	Cadmus Capehart, PE	(919) 840-0914	5/15/2009	22.4%	37.1%	5/15/2009
DURHAM	B-4109	PICKETT ROAD	BRIDGE OVER MUD CREEK ON PICKETT ROAD (SR-1303)	\$ 1,102,441.20	0.078 miles	Kirkman Construction, Inc.	Cadmus Capehart, PE	(919) 840-0914	11/21/2008	4.50%	7.60%	11/21/2008
DURHAM / WAKE	2008-RESURF	US-70	WIDENING, RESURF. AND SHLDR RECONSTR. OF US-70 W OF ANGLIER AVE TO W OF ANGUS DR	\$ 1,889,926.35	4.39 miles	Rea Contracting, LLC	Cadmus Capehart, PE	(919) 840-0914	10/31/2008			

NCDOT PROJECTS FOR LET NEXT 12 MONTHS IN DURHAM COUNTY - 9/2/2008

County	TIP #	Route	Location Description	Contract Estimate	Length	Contact Engineer	Phone #	Contract Let Date
DURHAM	U-2055B	NC 55	CONSTRUCTION OF TURN LANES AT RIDDLE ROAD AND NC-55	\$ 223,238.50		B. UPSHAW	(919) 220-4600	12/1/2008
DURHAM	U-2055D	AVONDALE DRIVE	CONSTRUCTION OF ROUNDABOUT ON AVONDALE DRIVE	\$ 493,065.78		B. UPSHAW	(919) 220-4600	3/1/2009
DURHAM	U-3309A	TW ALEXANDER DR	WIDENING FROM CORNWALLIS ROAD TO EAST OF NC-147	\$ 9,900,000.00	1.072 miles	J. MOORE	(919) 250-4016	8/18/2009
DURHAM	U-4011	S MIAMI BLVD	WIDENING FROM METHODIST ST TO BETHESDA AVE	\$ 3,700,000.00	0.7 miles	J. MOORE	(919) 250-4016	8/18/2009

12 MONTH TENTATIVE LET LIST MAY BE FOUND ONLINE AT: <http://www.ncdot.org/planning/development/ProjectMgmt/12month/>

PROGRESS REPORTS MAY BE FOUND ONLINE AT: <https://apps.dot.state.nc.us/traffictravel/progloc/>

ACTIVE NCDOT PROJECTS LOCATED IN ORANGE COUNTY - DCHC WFO TCO 09/08 Attachment 11

County	WBS #	Route	Location Description	Amount	Status
Orange	36945	SR 1010 (Franklin St.) @ Mallette St.	Upgrade traffic signal and install pedestrian signal heads REVISION: Install mast arm	\$110,000.00	Advertisement pending
Orange	41488	US 15-501 @ SR 1900 (Old Mason Farm Road)	Extend the left turn lane on northbound US 15-501 , revise the signal and add a right turn lane at SR 1900	\$147,500.00	District design underway; construction pending completion of OWASA project
Orange	41593	Union Street	Construct 750 feet of sidewalk and a crosswalk to connect Hillsborough Elementary School to SR 1156 (Nash St.)	\$32,000.00	Town to include as part of large STP- DA sidewalk contract for Nash St.-Enc. Agreement under review
Orange	41686	NC 54 @ SR 1102/1951 (Dodson's Crossroads/ Butler Rd.)	Construct left turn lanes in both directions	\$250,000.00	S.T. Wooten Corp. = 90% complete
Orange	42037	SR 1939 (Damascus Ch. Rd.) 0.8 mi. west of SR 1919 (Smith Level Rd.)	Install guardrail at Pipe# 89	\$17,000	Req. by OWASA; District POC to be compl. by 10/31/08
Orange	42038	SR 1005 (Greensboro - Chapel Hill Rd.) approx. 1.6 mi. west of SR 1942 (Jones Ferry Rd.)	Install guardrail at Bridge# 85	\$11,000	Req. by OWASA; District POC to be compl. by 10/31/08
Orange	B-4218	SR 1730 (Turkey Farm Rd.)	Replace Bridge # 108 over New Hope Creek	\$750,000.00	Dane Const., Inc. = began work 9/2/08; Completion by 4/29/09
Orange	42170 SS- 4907 T 42204.2	SR 1710 (Old NC 10) @ NC 86	Construct a right turn lane on SR 1710 and install a traffic signal	\$215,000	Survey pending

ACTIVE NCDOT PROJECTS LOCATED IN ORANGE COUNTY - DCHC WFO TCO 09/08 Attachment 11

Orange	42171 SS-4907 U 42205.2	SR 1710 (Old NC 10) @ SR 1713 (Mt. Herman Church Road)	Improve sight distance on SR 1710 by lowering the crest vertical curve on the westbound approach to the intersection	\$300,000	Survey pending
Orange	7CR.10681.14 7CR.20681.14 7C.068081	4 sections of NC 54 and ramps and 5 sections of secondary roads	Milling, resurfacing, pavement markings, and shoulder reconstruction		S.T. Wooten Corp.=20% complete; ICD 8/8/08 Compl. 10/31/08;
Orange	SF-4907 B 41699.3 C 41699.1 PE	US 70 (Hillsborough Rd.) and NC 751 near Durham	Install a right turn lane for traffic travelling east on US 70 and turning right onto NC 751	\$90,000 C \$35,000 PE	Bid opening 9/18/08
Orange	SS-4907 J 41634.3	NC 54 and SR 1945 (Neville Rd.)	Construct a left turn lane	\$187,000.00	S.T. Wooten Corp. =90% complete
NCDOT PROJECTS CURRENTLY IN 12 MONTH LETTING LIST					
County	TIP #	Route	Location Description	TIP Est.	Est. Let Date
Orange	I-4716	I-40	Grind and reseal joints on I-40 from I-85 to Durham Co. (Scope may be revised)	\$1.05 million	Jan. 20, 2009
Orange	B-4592	SR 1561 (Lawrence Rd.)	Replace Bridge # 64 over the Eno River	\$1.6 million	Jan. 20, 2009
Orange	U-0624	NC 86 (S. Columbia St.)	Corridor upgrade including Bicycle lanes from SR 1906 (Purefoy Rd.) to SR 1902 (Manning Dr.)	\$4.40 million	July 21, 2009
Orange	U-4704	Chapel Hill-Carrboro	Computerized Traffic Signal System	\$5.0 million	April 21, 2009

Transit News – Triangle Area – August 2008

Urban System Grants

CAT-Raleigh, Chapel Hill Transit, DATA, Triangle Transit have received an allocation of either CMAQ or Section 5309 funds for bus and/or facility. NCDOT expects more requests for State FY2009 matching funds than can be accommodated. *The early birds will get the worms.*

NCDOT sent a support letter asking FTA to approve the Triangle Transit request for a 3 year extension of their New Starts Grant.

Community Transit Systems and Non-Urbanized Areas

Technology Grants are available to CTS that have at least 300 trips a day – Wake County (WCTS) has completed the pre-application for Automated Vehicle Location (AVL) and Mobile Data Terminals, in order to do schedule changes while en-route. WTCS also received a \$360,000 New Freedom (5317) allocation for their AVL equipment.

2006 lapsing \$2.8M EDTAP (5310), \$2.1M JARC (5316), \$1.3 New Freedom (5317)

A last minute call was issued for public transit proposals that met the criteria of these three programs and served small urban and non-urbanized areas. Two eligible Triangle Region JARC projects from Chapel Hill Transit to serve the non-urbanized area between Chapel Hill and Pittsboro and Chapel Hill and Burlington were reviewed by NCDOT-PTD; requesting operational funding (50/50 grant) for a commuter runs at \$352,712 and \$469,217 respectively. The service would run from January 1, 2009 through June 30, 2010. Both applications are pending further information.

Travel Demand Management

The Triangle Regions TDM program has been bundled to reside under the administration of Triangle J Council of Governments. Triangle J has a \$102,500 budget to staff and coordinate the \$2,158,048 FY2009 TDM budget. The balance goes to programs run by: UNC, NCSU, Smart-Commute RTP, Town of Chapel Hill and Triangle Transit.

Coordination/Collaboration/Consolidation

NCDOT prepared a CTAA Institute 2008 application – if selected, a team consisting of Delphine Sellars, NC Cooperative Extension (representing Durham Co./DCA), Stephen Mancuso (DATA), Gail Souare, Council for Senior Citizens, and Bill Barlow (NCDOT) will spend three days brainstorming opportunities for coordination / collaboration / consolidation for DCA and DATA transit services.

The NCDOT funded Triangle Area Regional Development Plan final draft was released to the oversight committee in July 2008. The primary recommendation calls for Triangle Transit to assume: marketing, call center, and brokerage responsibility for the Durham, Orange, and Wake Counties Community Transit Systems (CTS) in the Triangle Region. The Consultant envisions this being implemented through the hiring of a Triangle Transit Mobility Manager - responsible for standardizing the way the CTS in the Triangle do business.

STIP- IMPORTANT REMINDER

Amendment requests received by September 10th will be bundled together and submitted to our Board for information at its October meeting and approval at the November meeting. If you sent in FY09-15 STIP amendment prior to August 15th, please resend your request. USDOT has approved the recent version of the FY09-15 STIP NCDOT submitted in July.

NCDOT Transportation Management Team (TMT) Restructuring

Each highway division office will hire a multi-modal coordinator.

Triennial Review

Reminder - FTA will conduct the State Management Review in North Carolina from September 30 through October 2. FTA will also visit a few sub- recipients within a day trip of Raleigh. Please assist your affiliate transit systems in getting prepared.

20 million transit passenger trips in 2007 - OPSTATs 2007 Report

SYSTEM		Peak hr Veh	Annual passenger (PAX)	Expense /PAX	Cost /rev hour	Cost /rev ml	Revenue MLS	Revenue Hrs	Expense	Fare box share	deficiet
CARY	FXD	6	61,779	\$18.58	\$50.88	\$2.99	383,324	22,555	\$1,147,582	100%	(\$1,077,387)
CAT - RALEIGH	FXD	53	4,092,639	\$3.22	\$73.26	\$5.72	2,299,442	179,617	\$13,159,404	87%	(\$10,773,793)
CHAPEL HILL	FXD	60	5,900,478	\$1.76	\$63.66	\$5.28	1,962,378	162,700	\$10,357,889	82%	(\$9,874,672)
DATA - DURHAM	FXD	36	4,684,536	\$2.85	\$78.79	\$5.85	2,282,268	169,584	\$13,361,933	96%	(\$10,735,798)
WOLFLINE	FXD	28	1,769,855	\$1.99	\$63.19	\$6.42	548,604	55,744	\$3,522,442	78%	\$0
TRIANGLE TRANSIT	FXD	47	842,285	\$10.52	\$93.60	\$4.51	1,966,460	94,680	\$8,861,765	98%	(\$7,764,018)
	FXD	230	17,351,572	\$6.84	\$61.77	\$5.68	9,442,476	684,880	\$50,411,015		(\$40,225,668)
CARY	ADA	15	38,736	\$38.59	\$68.34	\$3.70	403,924	21,874	\$1,494,865	100%	(\$1,441,040)
ART - RALEIGH	ADA	6	44,289	\$6.06	\$85.75	\$5.65	47,574	3,132	\$268,559	100%	(\$261,578)
CHAPEL HILL	ADA	16	75,396	\$26.61	\$68.43	\$5.10	393,423	29,317	\$2,006,102	100%	(\$2,004,178)
DATA - DURHAM	ADA	33	81,885	\$29.64	\$58.97	\$3.55	684,200	41,154	\$2,426,762	100%	(\$2,287,714)
TRIANGLE TRANSIT	ADA	6	12,765	\$70.19	\$138.66	\$4.68	191,580	6,462	\$895,995	100%	(\$842,169)
	ADA	76	253,071	\$30.02	\$71.52	\$5.28	1,720,701	101,939	\$7,092,283		(\$6,836,679)
Chatam Co. - CTN	CTS	18	69,721	\$10.09	\$31.56	\$1.75	402,645	22,282	\$703,238	2%	\$67,201
Durham Co. - DCA	CTS	15	52,727	\$19.62	\$39.06	\$1.99	518,751	26,480	\$1,034,251	1%	\$179,025
Johnston - JCATS	CTS	20	68,812	\$21.04	\$36.11	\$1.86	776,755	40,087	\$1,447,514	1%	(\$14,578)
Orange Co. - OPT	CTS	18	123,550	\$8.25	\$28.58	\$2.19	466,071	35,654	\$1,018,857	2%	\$0
Wake Co. - WCTS	CTS	35	102,947	\$39.89	\$36.77	\$1.70	2,420,001	111,661	\$4,106,077	1%	\$370,871
	CTS	106	417,757	\$17.98	\$30.18	\$3.08	4,584,223	236,164	\$8,309,937		\$602,519
Grand total		412	18,022,400	\$18.67	\$60.94	\$4.36	15,747,400	1,022,983	\$65,813,235		(\$46,459,828)

Also to be considered

	daily observed PAX 2006	days	Est. annual PAX trips
DUKE	13,211	156.4	2,642,200