

**DURHAM – CHAPEL HILL-CARRBORO
METROPOLITAN PLANNING ORGANIZATION
TRANSPORTATION ADVISORY COMMITTEE (TAC)****Member Governments**

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

**January 12, 2011
9:00 AM**

**Committee Room
2nd Floor Durham City Hall**

- 1. Roll Call**
- 2. Adjustments to the Agenda**
- 3. Public Comments**
- 4. Directives to Staff (Attachment 4)**

ACTION ITEMS

**5. December 8, 2010 TAC Meeting Minutes (9:00-9:05)
(Attachment 5)**

A copy of the December 8, 2010 TAC meeting minutes is enclosed as Attachment 5.

TAC Action: Approve minutes of the December 8, 2010 TAC meeting.

6. FY 2012-2018 Metropolitan Transportation Improvement Program – Release Draft for Public Comment (9:05-9:35)

(Attachment 6, 6A, 6B)

Ellen Beckmann, LPA Staff

Andy Henry, LPA Staff

The North Carolina Department of Transportation (NCDOT) released the draft State Transportation Improvement Program (STIP) in August 2010. The DCHC MPO produced an analysis of the draft STIP, developed comments for the NCDOT and conducted a one-on-one meeting with NCDOT staff and board members on November 10, 2010 to discuss proposed changes to the STIP. A memo on the draft MTIP is Attachment 6. NCDOT's response to the one-on-one meeting is included as Attachment 6B. The TCC has developed a list of recommended changes to the STIP which are included in Attachment 6A - the Draft FY 2011-2020 MTIP report.

Key steps that remain in the TIP schedule include:

1. TAC reviews draft MTIP and releases for public comment at January 2011 meeting.
2. TAC holds a public hearing on the draft MTIP at February 2011 meeting.
3. TAC approves final FY 2012-2018 MTIP at April 2011 meeting.

TCC Recommendation: That the TAC release the draft FY 2012-2018 Metropolitan Transportation Improvement Program for public review and schedule a public hearing for the February TAC meeting.

TAC Action: Release the draft FY 2012-2018 Metropolitan Transportation Improvement Program for public review and schedule a public hearing for the February TAC meeting.

**7. Triangle Regional Transit Program – Update (9:35-10:05)
Patrick McDonough, Triangle Transit**

Triangle Transit will provide an update on the development of the Triangle Regional Transit Program.

TAC Action: Receive update.

**8. TCC and TAC Meeting Schedule for 2011 (10:05-10:10)
(Attachment 8)
Ellen Beckmann, LPA Staff**

The meeting schedule for 2011 was adopted at the December TAC meeting. This schedule included an error in the listing of the December meeting dates. Attachment 8 is a corrected schedule for 2011.

TAC Action: Approve the 2011 TAC and TCC meeting schedule.

REPORTS:

**9. Report from the TAC Chair
Lydia Lavelle, TAC Chair**

TAC Action: Receive Report from TAC Chair

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

TAC Action: Receive Report from TCC Chair

**11. Report from Staff
(Attachment 11)
Felix Nwoko, LPA Staff**

**12. NCDOT Report
(Attachment 12)
Wally Bowman, Division 5 – NCDOT
Mike Mills, Division 7 – NCDOT**

TAC Action: Receive report of NCDOT

INFORMATIONAL ITEMS

13. Recent News Articles and Updates

(Attachment 13)

Adjourn

Next meeting: February 9, 2011, 7pm

Dates of Upcoming Transportation-Related Meetings:

2/18/2011, 10:30am Tri-MAP @ RDU Authority

3/8/2011, 7:30am Regional Transportation Alliance 2011 Transportation Breakfast

TAC Directives to Staff

06/11/03 – 12/31/09 (Pending/In Progress/On Going)

01/01/10 – Present (Completed/Pending/In Progress)

Meeting Date	Directive	Status
4/12/06	Investigate use of peer review for Triangle Regional Model (TRM)	<u>In Progress</u> : TRM committee has taken up this project
4/12/06	Address cost splits for TRM tasks	<u>In Progress</u> : TRM Executive Committee has taken up this project.
8/09/06	Follow up with the BPAC and DATA Boards regarding public involvement for MPO activities.	<u>In Progress</u> :
5/13/09	Send a letter to Brier Creek shopping center management requesting bus shelters.	<u>In Progress</u> : LPA, CAT, and DATA staff are discussing transit access and passenger amenities.
11/11/09	Provide the TAC a summary of the Regional Transit Leadership Group meetings and status of the county transit plans.	<u>In Progress</u> : Status provided to TAC, TAC Chair and elected officials on an ongoing basis
1/13/10	Send letter to Chatham County BOCC regarding MAB expansion	<u>Completed</u> : See Attachment 19 of 2/10/10 TAC Agenda.
1/13/10	Send letter to NCDOT describing the ranking of multi-modal projects in the DCHC MPO's FY 2012-2018 TIP Regional Priority List	<u>Completed</u> : See Attachment 28 of 3/10/10 TAC Agenda.
2/10/10	Provide a recommendation for how to proceed with programming funding for alternatives to U-3808, Elizabeth Brady Road.	<u>In Progress</u> : See 3/10/10 TAC Agenda. Study has been drafted.
3/10/10	Address the issues raised regarding the Farrington Road Corridor Study.	<u>In Progress</u>
5/12/10	Send letter to Secretary Conti regarding funding for the East End Connector.	<u>Completed</u> : See 5/12/10 TAC Agenda.
8/11/10	Follow-up with UNC-Chapel Hill during public involvement period for NC 54 Corridor Study.	<u>Completed</u> :

TRANSPORTATION ADVISORY COMMITTEE

December 8, 2010

MINUTES OF MEETING

The Transportation Advisory Committee met on December 8, 2010, at 9:00 a.m. in the Council Committee Room on the second floor of Durham City Hall. The following attended:

- 6 **Diane Catotti City of Durham
- 7 **Alice Gordon Orange County
- 8 **Eric Hallman Town of Hillsborough
- 9 *Ed Harrison Town of Chapel Hill
- 10 **Mark Kleinschmidt Town of Chapel Hill
- 11 **Lydia Lavelle Town of Carrboro (TAC Vice-Chair)
- 12 **Ellen Reckhow Durham County
- 13 **Mike Woodard City of Durham (TAC Chair)

- 14
- 15 Ellen Beckmann City of Durham – Transportation
- 16 Julie Bollinger NCDOT - TPB
- 17 David Bonk Town of Chapel Hill
- 18 Maricia Brown City of Durham – Transportation
- 19 Jeff Brubaker Town of Carrboro
- 20 Stanley Buff NCDOT – Division 7
- 21 Aaron Cain City/County Planning
- 22 Bonnie Estes City/County Planning
- 23 Bill Ferrell Meadowmont Community Association
- 24 Louis P. Gonzalez Citizen, 2226 NC 54
- 25 Andy Henry City of Durham – Transportation
- 26 Joey Hopkins NCDOT – Division 5
- 27 Leta Huntsinger City of Durham – Transportation
- 28 Wendy Jacobs Durham Planning Commission
- 29 Tom King Town of Hillsborough
- 30 Karen Lincoln Orange County
- 31 Brian Litchfield Town of Chapel Hill
- 32 Debbie McCarthy Citizen, Trenton Road
- 33 Patrick McDonough Triangle Transit
- 34 (Illegible) McGill Citizen, Trenton Road
- 35 Philip McGill Citizen, Trenton Road
- 36 Dale McKeel City of Durham – Transportation
- 37 Adena Messinger Chatham County
- 38 Ryan Mickles Town of Chapel Hill
- 39 Felix Nwoko City of Durham – Transportation
- 40 Brian Rhodes City of Durham – Transportation
- 41 Meg Scully Durham County
- 42 Chris Selby 138 Celeste Circle
- 43 Tom Stark Attorney, 6011 Farrington Road

44 Eric Teagarden Durham County
45 Mila Vega Orange County
46 David Willauer IEM - Sr. Freight Planner
47 Jim Wise News & Observer

48
49 **Voting Member
50 *Alternate or Non-Voting Member

51
52 Mike Woodard, TAC Chair, called the meeting to order at 9:09 a.m. and the Roll Call was
53 conducted.

54 **PRELIMINARIES:**

55 **Adjustments to the Agenda**

56 There were no adjustments to the agenda.

57 **Public Comments**

58 David Willauer, Senior Freight Planner with IEM, gave an update. IEM is working on a domestic
59 preparedness study for the Triangle. Mr. Willauer is serving on the Governor's Logistics Task Force and
60 they are looking for regional priorities across the state. Mr. Willauer stated that he requested that the
61 MPOs be involved and asked if members are contacted to please submit their local priorities to the
62 Governor's office.

63 **Directives to Staff (Attachment 4)**

64 The Directives to Staff are attached for review.

65 **ACTION ITEMS:**

66 **November 10, 2010 TAC Meeting Minutes (Attachment 5)**

67 A motion was made by Diane Catotti and seconded by Ellen Reckhow to approve the November
68 10, 2010 TAC Meeting Minutes. The motion carried unanimously.

69 **NC54/I-40 Corridor Study Public Hearing (Attachment 6)**

70 Mike Woodard thanked Leta Huntsinger and staff for working so hard and the responsiveness to
71 citizens.

72 Leta Huntsinger provided an update on the NC54/I-40 Corridor Study. Ms. Huntsinger stated
73 staff has received extensive comments from several local commissions and citizens. Due to the
74 comments received, staff has extended the contract so that a second phase of analysis can be done to
75 address concerns. The official comment period ends on December 10, 2010. The Technical Steering
76 Committee that oversees the study will meet in January 2011 to review and lay out an action plan of
77 how to address the comments.

78 Ellen Reckhow agrees with Ms. Huntsinger regarding the extensive negative comments from
79 both the citizens and official boards. Ms. Reckhow would like the results of the Technical Steering
80 Committee workshop to be brought back to the TAC in February to make sure we are moving in the right
81 direction.

82 Alice Gordon asked if there is a timeline for Phase II. Leta Huntsinger stated it will be late spring,
83 early summer before the updated Phase II report will be out. Leta Huntsinger stated the committee
84 should be able to provide the TAC with a schedule at the February 2011 meeting. Alice Gordon
85 expressed a concern of how the study will inform the county transit plans because of the lack of data.
86 Leta Huntsinger stated she will coordinate with Orange County's technical staff member to make sure
87 they are more involved.

88 Leta Huntsinger stated that, with the exception of concern over the alignment of the light rail
89 transit line which is being addressed by Triangle Transit's study, the response to the recommendations
90 in the study has been positive. Ms. Huntsinger doesn't see any major revamping of that element.

91 Ed Harrison stated that the Town of Chapel Hill added a sixth element to the list of study
92 concerns and it dealt with the light rail transit alignment. Leta Huntsinger stated the key points will be
93 the station locations. If the station areas move or no longer exist, they would have an impact on the
94 land use recommendations.

95 Ed Harrison stated that southbound Farrington Road traffic turning left onto NC54 eastbound
96 was not taken seriously. In addition, concern was raised over the influence of UNC on the study. Leta
97 Huntsinger stated university traffic will be completely analyzed by getting more data from Duke, NCCU,
98 along with land use. The perception is that the study appears to be biased to Chapel Hill because of the
99 amount of UNC and Chapel Hill data that was collected. Ed Harrison stated that UNC and Chapel Hill are
100 not the same. Staff will include more regional data in Phase II.

101 Ellen Reckhow stated if the improvements don't support the land use plan, then change the land
102 use assumptions to get better results.

103 Mike Woodard, TAC Chair, opened the Public Hearing period at 9:30 a.m.

104 Chris Selby, a resident of 138 Celeste Circle, spoke regarding the study. Mr. Selby stated the
105 corridor study recommends that our neighborhood be residential through 2035. Mr. Selby suggested
106 two things to protect and preserve their neighborhood. The first is substantial landscaping between
107 NC54 and the Eastwood Park neighborhood. The second is the relocation of the collector street from
108 Crossland to George King. This would have a number of benefits including less cut through traffic and
109 efficient traffic flow. He has a concern with the demolishing of homes.

110 Debbie McCarthy representing the Farrington HARP and Trenton Road Neighborhood
111 Association spoke regarding the study. Ms. McCarthy stated that on October 12, 2010, the Durham
112 Planning Commission voted to send this plan back to the drawing board after hearing from citizens. The
113 study is based on flawed data, transit mania, and unrealistic growth projections. For the people that live
114 in Durham that live in the historic and environmentally sensitive greenbelt known as the Farrington
115 Road Corridor the study has some seriously unfortunate implications. Ms. McCarthy has seven concerns
116 and two recommendations to make. First is the nodal intense development in the non-existent Leigh
117 Village. It looks at 75 units per acre which is unrealistic. Second, the growth scenario is unrealistic.
118 Third, the Park-n-Ride lot; if UNC feels their land is too valuable at the Friday Center we feel our land in

119 Durham is just as valuable and would not like to have a 2,000 space parking facility at Leigh Village. The
120 Park-n-Ride lot should be relocated to I-40 and NC751 if it needs to be relocated. Fourth; I-40 has
121 already been widened to six lanes in Durham and now eight lanes are proposed with a railroad track.
122 We think I-40 should also be widened in Chapel Hill and Orange County, not having a double standard
123 for Durham. Fifth; the flyover access ramps leaving Leigh Village to I-40 are completely incompatible
124 with low density residential neighborhoods in Trenton, Prescott Place, and Glenview Park. We should
125 not impact the environmentally sensitive nature of Durham Neighborhoods, Leigh Farm Park, or
126 Markham Memorial Gardens. Sixth is concern over the impact on water quality and Durham will be
127 responsible for cleaning it up. The two recommendations are: (1) Tame the hypothetical beast called
128 Leigh Village as it does not need to be the next Manhattan and (2) If a rail line is an absolute must, put it
129 down US15-501 which is already a straight corridor from Durham to Chapel Hill or put it down NC54
130 which is already a straight corridor from Durham to Chapel Hill or put it down I-40. When you get to
131 Eubanks Road there is a spur that leads directly to UNC and a bus palace that will take riders anywhere
132 they want to go in Chapel Hill.

133 Louis Gonzalez, a property owner on NC54, spoke regarding the study. Mr. Gonzalez feels the
134 study is driven by Chapel Hill particularly the use of Farrington Road. The access to Farrington Road is
135 limited and affects homeowners and businesses. Initially the developers of Leigh Valley contacted all
136 the owners stating that Farrington Road would not be impacted; which has completely changed. The
137 access to Farrington Road coming from NC54 west is not permitted. This will affect all the businesses.
138 Ironically, this area on Farrington Road is where UNC is developing many of its clinics and purposely so
139 people can get there from Chapel Hill and Durham very easily. Chapel Hill has driven this study so hard
140 and one of their priorities was to make sure that we had bicycle paths in the corridor that they claim will
141 carry 70,000 cars a day. Now for 25 years I have been using NC54 and have failed to see a bicycle
142 anywhere in the area. Yet, it is driven that we have to have bicycle lanes in that area. They don't even

143 get that in Meadowmont, which is supposed to be a town concept. They want Farrington Road access
144 cut off from either direction. The proposed Leigh Farms development is going to generate a lot of traffic
145 on Farrington Road. The people coming from the light rail station are going to be directed to a turn-
146 around; which is going to generate a problem with traffic. It is great for Chapel Hill; but Durham is
147 making all the sacrifices.

148 Eric Teagarden, a resident of Meadowmont, spoke regarding the study. Mr. Teagarden supports
149 the bike paths. Mr. Teagarden is in support of using George King as the north-south connector. Mr.
150 Teagarden is 100% in support of light rail. However, looking at the positioning of the light rail track
151 easement now, it becomes obvious from the environmental view to parallel NC54 across Little Creek
152 and from the engineering view the bridge span would be much less. Mr. Teagarden strongly urges in the
153 alternative analysis to look at paralleling NC 54 crossing Little Creek and constructing it in parallel with
154 all the other work that will be done. That does not mean it will impact station locations. The stations
155 are important for the ridership, not the alignment.

156 Bill Ferrell, representing Meadowmont Community Association, spoke regarding the study. Mr.
157 Ferrell stated his comments are on the Connector Street Plan build-out recommendations as noted in
158 the recently completed (draft) NC54/I-40 Corridor Study as well as related consideration for the Triangle
159 Transit's Light Rail Alternatives Analysis for the proposed light rail corridor as it crosses Little Creek along
160 Highway 54. The first comment is in December 2006, the Chapel Hill council passed Resolution 2006-12-
161 04/R-13. This requested the Durham-Chapel Hill-Carrboro (DCHC) Transportation Advisory Committee
162 (TAC) to direct the Metropolitan Planning Organization (MPO) to develop connectivity to the George
163 King Connector Street. This was to facilitate North-South traffic flow to Highway 54 as the planned
164 developments to the East of Little Creek and South of Creekside Elementary Schools are built out. The
165 Meadowmont Community Association board strongly supports this position by the Chapel Hill council.
166 The second comment is on behalf of the Meadowmont Community Board as they are suggesting; that all

167 parties review and incorporate the North-South George King Connector Street in any and all Collector
168 Street, Connector Street, and NC54/I-40 corridor development plans; that Meadowmont Lane be
169 maintained as a City street inclusive of only two (2) lanes and an existing 25 mph speed limit. And, not
170 to allow the control of Meadowmont Lane to shift to the NCDOT or any other body; that DCHC TAC and
171 DCHC MPO examine the economic and environmental cost savings of routing the Light Rail Transit
172 easement from the Leigh Village Station to parallel Highway 54 as it crosses Little Creek. This request is
173 in keeping with the Triangle Transit's Alternatives Analysis for the proposed light rail corridor, and we
174 request that this alternative routing provide the guidance for the Final Corridor plan.

175 We realize that today's hearing is to review data related to the NC54/I-40 study, we share these
176 comments with you in that all studies referenced are in fact interrelated. It is important that the
177 NC54/I-40 study group and consultants understand the economic and environmental routing benefits
178 proposed in the Light Rail Alternatives Analysis study, as all further refine their recommendations.

179 Tom Stark, an attorney representing many property owners at Farrington Road and NC54, spoke
180 regarding the study. Mr. Stark stated they are proposing a Washington DC-style elevated roundabout
181 which takes the NC54 traffic underneath as most of that traffic goes to Chapel Hill. We need to make
182 sure we maintain access for the commercial centers otherwise they will not survive.

183 Mike Woodard, TAC Chair, stated there being no further comments, the Public Hearing closed at
184 9:47 a.m.

185 **Chapel Hill Transit & Orange Public Transportation New Freedom – Cross Town Shuttle Project**
186 **(Attachments 7 and 7A)**

187
188 Maricia Brown provided an introduction for the Chapel Hill Transit & Orange Public
189 Transportation New Freedom – Cross Town Shuttle Project, along with the attachments.

190 Maricia Brown stated that the Chapel Hill Transit and Orange Public Transportation project is
191 delayed.

192 Brian Litchfield stated they received the funding in 2008 and the public meetings were in 2009.
193 Staff issues caused the delay and other priorities. They will refocus on the project this winter.

194 Alice Gordon asked if the funds are in trouble and Maricia Brown stated they probably have six
195 months before the funds lapse. There is a three year window for obligation.

196 Brian Litchfield stated they will reconvene with Orange Public Transportation staff. They will
197 develop a schedule for the project and bring it back.

198 Alice Gordon asked that Brian Litchfield get with Karen Lincoln and Mila Vega after the TAC
199 meeting to get things moving.

200 Brian Litchfield will bring back a schedule and update at the January 2011 TAC meeting.

201 Maricia Brown encouraged everyone to focus our attention for the next call on projects that are
202 ready to go within one year.

203 **Surface Transportation Program – Direct Apportionment FY2010 and FY2011 Project Status Update**
204 **(Attachment 8)**

205
206 Maricia Brown provided an introduction for the Surface Transportation Program – Direct
207 Apportionment FY2010 and FY2011 Project Status Update, along with the attachment.

208 Maricia Brown is working with the project managers to get better updates on project status to
209 help keep TAC members informed. The purpose of the spreadsheet is to inform the TAC.

210 Diane Catotti asked when the next update will be and Maricia Brown stated that is up to the
211 TAC.

212 Ellen Reckhow asked if it could be color coded (i.e. one color to indicate project is on schedule
213 or delayed) and emailed to members.

214 Maricia Brown stated they will need to revise the schedules for FY2010 projects that are delayed
215 so it will be coming back soon.

216 Ellen Reckhow stated we need to look at delayed projects and diagnose problems and revise
217 procedures to prevent the problems in the future.

218 Lydia Lavelle suggested bringing it back to the TAC every other month with the status of projects
219 and Maricia Brown stated quarterly may be more appropriate as most projects won't change often.
220 Maricia Brown will work on color coding the projects as well.

221 **JARC/New Freedom Program 2011 Call for Projects Application Package (Attachments 9, 9A, 9B, and**
222 **9C)**

223
224 Maricia Brown provided an introduction for the JARC/New Freedom Program 2011 Call for
225 Projects Application Package, along with the attachments.

226 Maricia Brown stated she is working on translating the information into Spanish. The selection
227 process is the same. However, the reporting requirements are more detailed.

228 Alice Gordon stated the list is out of date for Orange County. Ms. Gordon suggested contacting
229 the Clerk, Donna Baker, to see if she can send the correct contacts to be added to the list.

230 Mike Woodard suggested mailing it when the mailing list is updated. Maricia Brown stated the
231 application period is December 10 through February 2011. The mailing list can be continuously updated
232 and applications mailed.

233 A motion was made by Lydia Lavelle and seconded by Mark Kleinschmidt to approve and release
234 the JARC & NF grant program application, mailing notice and identify any potential new applicants that
235 can be added to the mailing list. The motion carried unanimously.

236 **Capital Area/DCHC MPO Joint Legislative Agenda (Attachments 10 and 10A)**

237 Andy Henry provided an introduction and update on the Capital Area/DCHC MPO Joint
238 Legislative Agenda, along with the attachments.

239 A motion was made by Lydia Lavelle and seconded by Diane Catotti to approve 10A which is the
240 recommended Research Triangle Region Joint MPO Transportation Funding Legislative Agenda.

241 Ellen Reckhow suggested adding economic development to #1 to show support. Alice Gordon
242 stated that economic development is not the only reason. There are many other reasons (i.e. air quality,
243 environmental, global, and etc.). Ms. Gordon supports the document as submitted.

244 Mark Kleinschmidt is not supportive of reducing the fuel tax in favor of tolls. Mike Woodard
245 stated the intent is not to reduce the tax, but to add tolling as another funding source in addition to the
246 fuel tax. There is concern over sole dependence on the fuel tax. Mark Kleinschmidt suggested
247 eliminating the entire last sentence of #1.

248 Diane Catotti suggested changing the last sentence of #1 to read as follows: "Begin exploration
249 of user fee based revenue sources (e.g. tolls).

250 Ellen Reckhow suggested adding "or construction" after maintenance on the first line of #6.

251 A motion was made by Lydia Lavelle and seconded by Diane Catotti to approve Attachment 10A,
252 Research Triangle Region Joint MPO Transportation Funding Legislative Agenda, with the recommended
253 changes above and provide authority for the TAC Chair and Vice-Chair to negotiate language if CAMPO
254 has changes. The motion carried unanimously.

255 **Election of MPO Officers for 2011 (No Attachment)**

256 Diane Catotti and Mark Kleinschmidt were the Nominating Committee for the Election of MPO
257 Officers for 2011.

258 Diane Catotti stated the committee would like to nominate Lydia Lavelle, Town of Carrboro as
259 the TAC Chair and Ellen Reckhow, Durham County as TAC Vice-Chair.

260 Alice Gordon expressed a concern with Ellen Reckhow being an alternate for Durham County
261 and Diane Catotti stated she has had a conversation with Michael Page to make Ellen Reckhow the
262 voting member for Durham County.

263 A motion was made by Diane Catotti and seconded by Eric Hallman for Lydia Lavelle to be the
264 TAC Chair and Ellen Reckhow to be the TAC Vice-Chair. The motion carried unanimously.

265 **TCC and TAC Meeting Schedule for 2011 (Attachment 12)**

266 A motion was made by Diane Catotti and seconded by Alice Gordon to approve the TCC and TAC
267 Meeting Schedule for 2011. The motion carried unanimously.

268

REPORTS:**Report from the TAC Chair**

270 Mike Woodard took the opportunity to welcome Ellen Beckmann back from maternity leave.

271 Mike Woodard stated the federal reauthorization bill looks grim. The House changed parties
272 and the chair of the committee changed. The House is recommending a six-month extension of the bill.
273 The deficit committee has proposed raising the gas tax in 2013 and stopping the general fund transfer to
274 transportation.

275 Mike Woodard's trip to Denver was very informative. It is an interesting model for transit.

Report from the TCC Chair

277 There was no Report from the TCC Chair.

Report from Staff (Attachment 15)

279 Dale McKeel stated they are planning a regional bicycle/pedestrian workshop for the local
280 commission at the RDU Airport Authority on January 28, 2011 from 8:30 a.m. until 12:00 p.m. There
281 will be knowledge sharing of local groups & presentations.

282 Ellen Reckhow asked if there will be a presentation from TJCOG on the CORE Bike/Ped
283 presentation. Dale McKeel will check to see if they will do a presentation.

NCDOT Report (Attachment 16)

285 Joey Hopkins, NCDOT Division 5, provided an update on projects. The T.W. Alexander project is
286 6% ahead of schedule; but the contractor has filed for bankruptcy. The work has stopped. The bonding
287 company will have to get another contractor so it will fall behind schedule. However, if you notice
288 safety concerns, please contact NCDOT. The NC-540/I-40 project is almost complete. There is some
289 asphalt and thermoplastic repair work to be done. Unfortunately, you can't do that type of work with
290 the current weather. The Hillandale Road project is ongoing. NCDOT has passed the word onto the
291 hauling trucks that are going through the neighborhood. NCDOT is trying to figure out a way to cover up

292 the milling on the NC-751 project. They have instructed the contractor to work on it this weekend if
293 they can, but the weather is a concern as well as a basketball game this weekend.

294 Joey Hopkins stated it will be January 2011 before the draft version of the guidelines for
295 Complete Streets will be released for comments.

296 Ellen Reckhow asked how many miles were repaved by the ARRA funds and how much extra
297 road paving was able to be done because of the low bids. Ms. Reckhow suggested a press release.

298 Stanley Buff, NCDOT Division 7, provided an update. Alice Gordon asked about the Twin Creeks
299 Park Greenway agreement. Karen Lincoln stated it needs to be approved by the Board of Transportation
300 which is meeting this week and we should have an agreement within one week.

301 **Other**

302 Lydia Lavelle and all members thanked Mike Woodard for his service as TAC Chair this past year.

303 Mike Woodard thanked members and staff for the support throughout the year.

304 **INFORMATIONAL ITEMS:**

305 **Recent News Articles and Updates (Attachment 17)**

306 The recent news articles and updates are attached for review.

307 **Adjournment**

308 There being no further business before the Transportation Advisory Committee, the meeting
309 adjourned at 10:56 a.m.

MEMORANDUM

To: Transportation Advisory Committee (TAC)
DCHC MPO

From: DCHC MPO Lead Planning Agency

Date: January 12, 2011

Subject: **Draft FY 2012-2018 Metropolitan Transportation Improvement Program**

The North Carolina Department of Transportation released the draft FY 2012-2018 State Transportation Improvement Program (STIP) in August 2010. The seven-year STIP is included within the Department's ten-year work program for FY 2011-2020. The DCHC MPO met with NCDOT to discuss the STIP in November 2010. Attachment 6B is a summary of the one-on-one meetings with NCDOT's responses to the MPO's requests. Subsequently, the TCC developed a recommended draft FY 2012-2018 Metropolitan Transportation Improvement Program (MTIP) (Attachment 6A).

The differences between the STIP and MTIP are listed in the table below. These differences are also highlighted in Attachment 6A. Federal regulations require that the STIP and MTIP agree in the first four years (FY 2012-2015).

Changes to STIP

Route	ID	Description/Miles/Cost	Changes
I-40	I-3306	I-85 in Orange Co. to US-15-501; add additional lanes. <ul style="list-style-type: none"> • 20.7 miles • \$47 million 	Accelerate by two years, thus construction funding start FY 2017. Possibly add lane to westbound section only, in first phase.
NC 54	FS-1005C	I-40 to NC 55 in City of Durham; feasibility study <ul style="list-style-type: none"> • 5.2 miles • \$91 million 	Add \$30 million in funding in both FY 2019 and 2020 for ROW, construction, etc.
US 15-501	U-5304	S. Columbia St. to Ephesus Ch. Rd.; sidewalks, wide outside lanes and transit accommodations. <ul style="list-style-type: none"> • 4 miles • \$5.1 million 	Accelerate by three years, thus construction starts FY 2016.
US 15-501	U-5304	S. Estes Rd to Erwin Rd.; Ephesus Ch. Rd. <ul style="list-style-type: none"> • 0.55 miles • \$5 million 	Roadway, transit, bicycle and pedestrian improvements consistent with recommendations of the Ephesus Church Road/Fordham Boulevard Transportation Study.

Route	ID	Description/Miles/Cost	Changes
Old Durham/Chapel Hill Rd	EB-4707	Garrett Rd. to US 15-501; bicycle and pedestrian improvements. <ul style="list-style-type: none"> • 2.7 miles • \$4 million 	Add \$1million in funding in FY 2012.

Additions to STIP

Route	ID	Description/Miles/Cost
NC 54	New TIP project	I-40 to Fordham Blvd.; feasibility study that considers results of MPO's NC 54 Study and includes roadway, bicycle, pedestrian and transit improvements. <ul style="list-style-type: none"> • 1.7 miles • \$39 million (ROW, const., etc.)
Fayetteville Road	New TIP project	Woodcroft Pkwy to Riddle Rd.; widen to multilane and include bicycle, pedestrian and transit improvements; add \$7 million in funding each year from FY 2016 through 2018. <ul style="list-style-type: none"> • 2.3 miles • \$21 million
Erwin Road	New TIP project	US 15-501 to NC 751; construct bicycle lanes, sidewalks and safety improvements; add \$5.5 million in funding in FY 2016. Statewide STP Enhancement program is suggested funding source. <ul style="list-style-type: none"> • 5.5 miles • \$5.5 million
Jack Bennett Road	New TIP project	US 15-501 to Lystra Rd.; safety improvements; add \$6.9 million in funding in FY 2016. <ul style="list-style-type: none"> • 2.3 miles • \$6.9 million
Churton Street	R-2825	US 70 Business to I-40; congestion mgmt., aesthetic and capacity improvements; add \$9.5 million each year in FY 2019 and 2020. <ul style="list-style-type: none"> • 2.5 miles • \$19 million
Eno Mountain Road	U-3436	Eno Mtn. Rd. and Mayo St. alignment; add \$2.4 million in funding in FY 2020. <ul style="list-style-type: none"> • \$2.4 million
NC 86	New TIP project or with I-0305	US 70A to Old NC 10; widen to multilanes; include these project costs and coordinate construction schedule with I-85 widening (I-0305). <ul style="list-style-type: none"> • 1 mile • \$10 million
NC 86	New TIP project	US 70 Bypass to Coleman Loop Rd.; widen to multilanes; add \$7.5 million in funding in FY 2020. <ul style="list-style-type: none"> • 0.42 mile • \$7.5 million
Orange Grove Road	New TIP project	Churton St. to US 70 Alternate; construct roadway; add \$30 million to FY 2020. <ul style="list-style-type: none"> • 0.40 mile • \$30 million

Route	ID	Description/Miles/Cost
Park and Ride Facilities	New TIP project	Construct park-n-ride lots in five corridors: US 501 north of Durham; I-85 east of Durham; I-40/I-85 near Mebane; US 15-501 between Durham and Chapel Hill; and, I-40/NC 751 in Durham. <ul style="list-style-type: none"> • 650 total parking spaces • \$1.63 million
Orange Grove Road Pedestrian Bridge	EB-4980	Construct pedestrian bridge over I-40 (or retrofit existing vehicle bridge to accommodate pedestrians). <ul style="list-style-type: none"> • 0.04 mile • \$400,000

A few minor edits have been made to the public transportation section of the draft STIP in the draft MTIP. The MPO will be working with the public transit agencies and NCDOT over the coming months to make sure that the STIP and MTIP accurately reflect all planned transit projects.

The TCC recommends that the TAC release the draft MTIP for public comment and schedule a public hearing for the February TAC meeting. The MPO's public involvement plan establishes a minimum three-week public comment period. Notification will be posted in the newspaper and copies will be available in the planning departments of all MPO member jurisdictions and in public libraries as well as on www.dhcmpo.org.

TCC Recommendation: That the TAC release the draft FY 2012-2018 Metropolitan Transportation Improvement Program for public review and schedule a public hearing for the February TAC meeting.

TAC Action: Release the draft FY 2012-2018 Metropolitan Transportation Improvement Program for public review and schedule a public hearing for the February TAC meeting.

DCHC

DURHAM • CHAPEL HILL • CARRBORO METROPOLITAN PLANNING ORGANIZATION

Member

Governments

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

**DRAFT FY 2012 – 2018
Metropolitan Transportation
Improvement Program
January 12, 2011**

City of Durham
Transportation Division
101 City Hall Plaza
Durham, NC 27701

(919) 560-4366

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Resolutions

Resolution to Adopt FY 2012-2018 MTIP

A copy of the “Resolution Adopting the Durham-Chapel Hill-Carrboro Metropolitan Transportation Improvement Program for FY 2012-2018” is shown on the following pages. A copy of the signed and notarized resolution will be available in the final MTIP report.

Resolution to Adopt Conformity Statement for Air Quality State Implementation Plan

A copy of the “Resolution Finding the Durham-Chapel Hill-Carrboro Metropolitan Transportation Improvement Program for FY 2012-2018 in Conformity with the North Carolina State Implementation Plan (SIP) or Interim Emissions Test in Areas Where No SIP Has Been Approved or Found Adequate” is shown on the following pages. A copy of the signed and notarized resolution will be provided in the final MTIP.

The North Carolina State Implementation Plan addresses the air quality requirements as set forth in the federal Clean Air Act as Amended. The Implementation Plan sets pollution emissions budgets for various sectors, such as transportation and utilities, and the conformity process checks to ensure that the emissions impacts set forth by implementing the Transportation Improvement Plan (TIP) will meet those emissions budgets.

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**RESOLUTION ADOPTING THE DURHAM-CHAPEL HILL-CARRBORO
METROPOLITAN TRANSPORTATION IMPROVEMENT PROGRAM
FOR FY 2012-2018**

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

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

WHEREAS, the Transportation Advisory Committee has found that the Transportation Improvement Program conforms to the purposes of the North Carolina State Implementation Plan (or interim emissions tests in areas where no SIP has been approved or found adequate) for maintaining the National Ambient Air Quality Standards in accordance with 40 CFR 51 & 93; and

WHEREAS, the Transportation Advisory Committee has found that the Transportation Improvement Program to be in full compliance with Title VI Civil Rights Act of 1964 and the Title VI Assurance executed by each State under 23 U.S.C. 324 and 29 U.S.C. 749; and

WHEREAS, the Transportation Advisory Committee has considered how the Transportation Improvement Program will affect the involvement of Disadvantaged Business Enterprises in the FHWA and the FTA funded projects (Sec. 105(f), Pub. L. 97-424, 96 Stat 2100, 49 CFR part 23); and

WHEREAS, the Transportation Advisory Committee has considered how the Transportation Improvement Program will affect the elderly and disabled per the provisions of the Americans With Disabilities Act of 1990 (Pub. L. 101-336, 104 Stat.327, as amended) and the U.S. DOT implementing regulations; and

WHEREAS, the Metropolitan Transportation Improvement Program of the Durham–Chapel Hill–Carrboro (DCHC) Metropolitan Planning Organization is a direct subset of the currently conforming DCHC MPO 2035 Long Range Transportation Plan; and

WHEREAS, the Transportation Plan has a planning horizon year of 2035, and meets all the requirements for an adequate Transportation Plan, and

WHEREAS, the Transportation Advisory Committee has solicited public and private transportation provider comment and provided for public comment period in accordance with the MPO’s Public Participation Policy for the proposed Transportation Improvement Program; and

WHEREAS, for years one through four (i.e., years 2012, 2013, 2014 and 2015), it is recognized that the Transportation Improvement Program will serve as the project selection document for transportation projects within the Durham- Chapel Hill- Carrboro Urban Area Metropolitan Area Boundary, and the NCDOT may move projects and phases of projects without additional programming or project selection approval by the MPO within that two-year period, providing that transportation conformity and financial constraint criteria are still met.

NOW, THEREFORE, be it resolved that the Transportation Advisory Committee adopts the FY 2012-2018 Metropolitan Transportation Improvement Program, dated April 13, 2011, for the Durham-Chapel Hill-Carrboro Metropolitan Planning Organization on this the 13th day of April, 2011.

TAC Chair

STATE of: North Carolina
COUNTY of: _____

I, _____, a Notary Public of _____ County, North Carolina do hereby certify that _____ personally appeared before me on the 13th day of April, 2011 to affix her signature to the foregoing document.

Notary Public for the State of NC
Residing at: _____
My commission expires _____

(Seal)

RESOLUTION FINDING THE DURHAM-CHAPEL HILL-CARRBORO (DCHC) METROPOLITAN TRANSPORTATION IMPROVEMENT PROGRAM FOR FY 2012-2018 IN CONFORMITY WITH THE NORTH CAROLINA STATE IMPLEMENTATION PLAN (SIP) OR INTERIM EMISSIONS TESTS IN AREAS WHERE NO SIP HAS BEEN APPROVED OR FOUND ADEQUATE

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

WHEREAS, the Transportation Advisory Committee is the duly recognized transportation decision making body for the 3-C transportation planning process (i.e., continuous, cooperative, and comprehensive) of the Durham–Chapel Hill–Carrboro Metropolitan Planning Organization; and

WHEREAS, the United States Environmental Protection Agency redesignated Durham County as a maintenance area for ozone on December 26, 2007 and redesignated Durham County as a maintenance area for carbon monoxide on September 18, 1995; and

WHEREAS, the Durham–Chapel Hill–Carrboro Metropolitan Planning Organization’s amended 2035 long range transportation plan conforms to the intent of the North Carolina State Implementation Plan (or interim emissions tests in areas where no SIP has been approved or found adequate); and

WHEREAS, that conformity determination used the latest planning assumptions approved by the Durham–Chapel Hill–Carrboro Metropolitan Planning Organization; and

WHEREAS, that conformity determination used the latest emissions model approved by the United States Environmental Protection Agency; and

WHEREAS, there are no transportation control measures listed in North Carolina’s State Implementation Plan; and

WHEREAS, that conformity determination was made according to the established interagency consultation procedures for North Carolina; and

WHEREAS, the programs and projects included in the Durham-Chapel Hill-Carrboro Metropolitan Transportation Improvement Program for FY 2012-2018 are financially constrained in accordance with State and Federal law; and

WHEREAS, the projects included in the Durham–Chapel Hill–Carrboro Metropolitan Transportation Improvement Program for FY 2012- 2018 are a direct subset of the 2035 Long Range Transportation Plan.

NOW THEREFORE, be it resolved that the Durham–Chapel Hill–Carrboro Metropolitan Transportation Improvement Program for FY 2012-2018 conforms to the intent of the North Carolina State Implementation Plan (or interim emissions tests in areas where no SIP has been approved or found adequate) in accordance with the clean Air Act as Amended, on this the 13th day of April, 2011.

TAC Chair

STATE of: North Carolina
COUNTY of: _____

I, _____, a Notary Public of _____ County, North Carolina do hereby certify that _____ personally appeared before me on the 13th day of April, 2011 to affix her signature to the foregoing document.

Notary Public for the State of NC
Residing at: _____
My commission expires _____

(Seal)

Section 1 – Purpose and Process

Background and Purpose

The Transportation Improvement Program (TIP) is typically a seven-year funding document for highway, public transportation, bicycle, pedestrian, and rail projects. The importance of the TIP stems from the fact that projects must be in the TIP in order to receive State or federal funding. In this current TIP cycle, the North Carolina Department of Transportation (NCDOT) has chosen to develop a ten-year funding document that contains program subsets. The five-year Work Program includes fiscal years 2011 through 2015. Projects funded in this program subset are well along in the environmental review and preliminary design phase. The five-year Developmental Program includes fiscal years 2016 through 2020. Projects funded in this program subset typically have not gone through the environmental review or preliminary design process, but instead are being set up for a feasibility study or other early investigation reviews. The Transportation Improvement Program continues to be a seven-year funding document including fiscal years 2012 through 2018. These program subsets are identified in the three NCDOT project tables used in this document and demonstrated in the following graphic.

Transportation Improvement Program									
5-Year Work Program					Developmental Program				
FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020

The MTIP review process includes the Work Program and Developmental Program, i.e., fiscal years 2011 through 2020. However, NCDOT and MPO action to adopt their respective TIPs will be for the TIP period, which includes fiscal years 2012 through 2018.

Every two years, the Durham-Chapel Hill-Carrboro (DCHC) Metropolitan Planning Organization (MPO) works with local citizens, government officials, elected officials, and the North Carolina Department of Transportation to develop a Metropolitan Transportation Improvement Program (MTIP) that is eventually adopted as part of the State Transportation Improvement Program (STIP). According to federal transportation regulations, the adopted MTIP and adopted STIP must be the same for the first four years of the program, i.e., FY 2012 through 2015.

Process and Schedule

To begin the TIP development process, the MPO develops a Regional Priority List to indicate the preference of the MPO for funding transportation projects and provides the List to the NCDOT. The NCDOT issues a draft STIP based on NCDOT policies and priorities, and the Regional List of Priorities. At that point, the MPO staff and TAC members meet with NCDOT officials to reconcile differences between the STIP and Regional Priority List. The MPO releases a draft MTIP for public comment, and then makes adjustments based on public and staff input to produce a final MTIP that is forwarded to the NCDOT. The draft MTIP is a copy of the draft STIP Local Supplement with the changes that the MPO desires to make. As required by federal transportation regulations, the projects and funding plan for the first four years of the final MTIP and final STIP must agree.

The following page shows the Proposed Development Schedule for the FY 2012-2018 MTIP. The dates shown on the Schedule are subject to change.

Proposed Development Schedule
FY 2012-2018 Metropolitan Transportation Improvement Program - MTIP

No.	Due Date	Task
1	10-Aug-10	NCDOT releases Draft 2012-2018 State Transportation Improvement Program (STIP)
2	11-Aug-10	TAC receives the MPO supplement to the draft 2012-2018 STIP
3	25-Aug-10	TCC reviews the MPO supplement to the draft 2012-2018 STIP
4	8-Sept-10	TAC reviews the MPO supplement to the draft 2012-2018 STIP, including analysis & comparison with the 2009-2015 MTIP and 2012-2018 Regional Priority List.
5	Sept -TBD	TCC subcommittee develops One-on-One agenda (including discussion points) for TCC consideration.
6	22-Sept-10	TCC recommends One-on-One agenda and supporting documents for TAC consideration.
7	13-Oct-10	TAC receives One-on-One agenda and provides feedback.
8	10-Nov-10	NCDOT holds Division 5, 7 and 8 One-on-One meetings with the DCHC-MPO.
9	Sept - Feb	Development of the 2012-2018 MTIP.
10	17-Nov-10	TCC refers Draft 2012-2018 MTIP to TIP subcommittee
10	15-Dec-10	TCC reviews Draft 2012-2018 MTIP and forwards to TAC.
11	12-Jan-10	TAC receives Draft 2012-2018 MTIP and considers its release for public comment.
12	9-Feb-11	TAC holds Public Hearing on the Draft 2012-2018 MTIP (evening meeting) & provides direction to the TCC.
13	Dec-Feb	Local agencies review and comment on the Draft 2012-2018 MTIP.
14	23-Feb-11	TCC considers public comments and recommends approval of 2012-2018 MTIP.
15	9-Mar-11	TAC considers approval of Final 2012-2018 MTIP and Air quality conformity Determination
16	13-Apr-11	TAC approves final 2012-2018 MTIP and Air Quality Conformity Determination
17	20-Apr-11	MPO transmits 2012-2018 MTIP to NCDOT Secretary of Transportation
18	Apr-May	Reconciliation of 2012-2018 MTIP and 2012-2018 STIP
19	July 11	Board of Transportation approves FY 2012-2018 STIP
20	1-Oct-11	Federal Approval of TIP

Section 2 – Local Supplement (*Highway/Bicycle/Pedestrian/Enhancements*)

Project Types

The Local Supplement contains the transportation projects from the State Transportation Improvement Program (STIP) that are in the DCHC MPO. The project types in the Local Supplement include:

- Interstate highways
- Urban roads
- Rural roads
- Bicycle and pedestrian (e.g., sidewalks) projects
- Bridges
- Safety and Hazard Elimination
- Transportation planning
- Transportation Enhancements
- Passenger Rail projects.

Format and Legend

At the beginning of the project table document is an explanation of the STIP with tables that describe the format of the local supplement and keys for the funding sources and work types. Information includes an identification number, project description, funding, estimated costs, schedule, and project phases (e.g., right-of-way acquisition and construction). The type of project can be denoted from the letter prefix in the project identification. For example, “I-2204” indicates that this particular project is an interstate highway. In addition, the project table is broken into the three project subsets: TIP; 5-Year Work Plan; and, Developmental Plan.

Surface Transportation Program -- Direct Attributable (STP-DA)

The Surface Transportation Program (STP) Direct Attributable (DA) provides funding for a variety of transportation projects. These project funds are shown in the TIP either as individual projects or grouped together in the following projects:

- U-4726 Bicycle and Pedestrian Allocation
- U-4727 Planning Allocation and UPWP Activities
- U-5023 Reserved for Future Programming

The STP-DA is unique among other state and federal transportation programs because the MPO directly programs the funding as long as the project meets NCDOT policies for the STP-DA. The program funds two types of projects. TIP Incidental Projects are defined as DOT TIP projects where additional features, such as sidewalks or an enhanced noise wall, are included. Independent Projects are unrelated to a programmed TIP roadway project or Enhancement project.

Draft MTIP

The Local Supplement is the draft State TIP developed by the NCDOT. The DCHC MPO uses the Local Supplement as a basis to develop the draft Metropolitan TIP. The draft MTIP indicates what changes were made to the Local Supplement. The tables below show which projects were changed in the Local Supplement and which projects were added to it to form the draft MTIP.

Changes to STIP

Route	ID	Description/Miles/Cost	Changes
I-40	I-3306	I-85 in Orange Co. to US-15-501; add additional lanes. <ul style="list-style-type: none"> • 20.7 miles • \$47 million 	Accelerate by two years, thus construction funding start FY 2017. Possibly add lane to westbound section only, in first phase.
NC 54	FS-1005C	I-40 to NC 55 in City of Durham; feasibility study <ul style="list-style-type: none"> • 5.2 miles • \$91 million 	Add \$30 million in funding in both FY 2019 and 2020 for ROW, construction, etc.
US 15-501	U-5304	S. Columbia St. to Ephesus Ch. Rd.; sidewalks, wide outside lanes and transit accommodations. <ul style="list-style-type: none"> • 4 miles • \$5.1 million 	Accelerate by three years, thus construction starts FY 2016.
US 15-501	U-5304	S. Estes Rd to Erwin Rd.; Ephesus Ch. Rd. <ul style="list-style-type: none"> • 0.55 miles • \$5 million 	Roadway, transit, bicycle and pedestrian improvements consistent with recommendations of the Ephesus Church Road/Fordham Boulevard Transportation Study.
Old Durham/Chapel Hill Rd	EB-4707	Garrett Rd. to US 15-501; bicycle and pedestrian improvements. <ul style="list-style-type: none"> • 2.7 miles • \$4 million 	Add \$1million in funding in FY 2012.

Additions to STIP

Route	ID	Description/Miles/Cost
NC 54	New TIP project	I-40 to Fordham Blvd.; feasibility study that considers results of MPO's NC 54 Study and includes roadway, bicycle, pedestrian and transit improvements. <ul style="list-style-type: none"> • 1.7 miles • \$39 million (ROW, const., etc.)
Fayetteville Road	New TIP project	Woodcroft Pkwy to Riddle Rd.; widen to multilane and include bicycle, pedestrian and transit improvements; add \$7 million in funding each year from FY 2016 through 2018. <ul style="list-style-type: none"> • 2.3 miles • \$21 million

Route	ID	Description/Miles/Cost
Erwin Road	New TIP project	US 15-501 to NC 751; construct bicycle lanes, sidewalks and safety improvements; add \$5.5 million in funding in FY 2016. Statewide STP Enhancement program is suggested funding source. <ul style="list-style-type: none"> • 5.5 miles • \$5.5 million
Jack Bennett Road	New TIP project	US 15-501 to Lystra Rd.; safety improvements; add \$6.9 million in funding in FY 2016. <ul style="list-style-type: none"> • 2.3 miles • \$6.9 million
Churton Street	R-2825	US 70 Business to I-40; congestion mgmt., aesthetic and capacity improvements; add \$9.5 million each year in FY 2019 and 2020. <ul style="list-style-type: none"> • 2.5 miles • \$19 million
Eno Mountain Road	U-3436	Eno Mtn. Rd. and Mayo St. alignment; add \$2.4 million in funding in FY 2020. <ul style="list-style-type: none"> • \$2.4 million
NC 86	New TIP project	US 70A to Old NC 10; widen to multilanes; include these project costs and coordinate construction schedule with I-85 widening (I-0305). <ul style="list-style-type: none"> • 1 mile • \$10 million
NC 86	New TIP project	US 70 Bypass to Coleman Loop Rd.; widen to multilanes; add \$7.5 million in funding in FY 2020. <ul style="list-style-type: none"> • 0.42 mile • \$7.5 million
Orange Grove Road	New TIP project	Churton St. to US 70 Alternate; construct roadway; add \$30 million to FY 2020. <ul style="list-style-type: none"> • 0.40 mile • \$30 million
Park and Ride Facilities	New TIP project	Construct park-n-ride lots in five corridors: US 501 north of Durham; I-85 east of Durham; I-40/I-85 west of Hillsborough; US 15-501 between Durham and Chapel Hill; and, I-40/NC 751 in Durham. <ul style="list-style-type: none"> • 650 total parking spaces • \$1.63 million
Orange Grove Road Pedestrian Bridge	EB-4980	Construct pedestrian bridge over I-40 (or retrofit existing vehicle bridge to accommodate pedestrians). <ul style="list-style-type: none"> • 0.04 mile • \$400,000



Draft STIP Supplement

Durham-Chapel Hill-Carrboro Metropolitan Planning Organization

2011 – 2020

August 2010

2011-2020 DRAFT STIP (HIGHWAY PROGRAM) FUNDING CATEGORIES

COUNTY	ROUTE/CITY/ SYSTEM	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (MILES)	TOTAL PROJECT COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	FISCAL YEARS: TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS												UNFUNDED FUTURE YEARS	
								STATE TRANSPORTATION IMPROVEMENT PROGRAM					UNFUNDED								
								5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED			
								FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020				
WAKE	NC 00	R-0000 *	I-40 TO NC 96 EAST OF HOMETOWN. WIDEN TO A FOUR-LANE FACILITY WITH A BYPASS OF HOMETOWN ON NEW LOCATION.	7.3	63,450	250	NHS R	4,000	A												
							NHS M	700													
							NHS U	1,500													
							NHS			C 9,000	A										
							NHS					R 3,000	B								
							NHS							C 5,000	B	C 5,000	B				
							NHS										C 5,000	B			
							NHS												R 10,000	C	
							NHS												C 20,000	C	

ROUTE NUMBER
Listed in order of I, US, NC, SR, CITY or NEW ROUTE

IDENTIFICATION NUMBER
Assigned to each project at conception and remains with project until completion.

PROJECT SEGMENTS
A — I-40 TO NC 3
B — NC 3 TO SR 1003
C — SR 1003 TO NC 96.

LOCATION / DESCRIPTION Project termini and a general work description.

FUNDING See Highway or Public Transportation Funding Key for an explanation of funding categories used for each project phase.

WORK TYPE (ACTIVITY)
Phases of implementation: preliminary engineering, right of way, mitigation, utilities or construction. For other work types or activities see Work Type (Activity) box below.

ESTIMATED COST Preliminary engineering, right of way, utility, mitigation and construction cost estimates by funding category in current dollars. Cost may include one or more funding types. Multi-year funding of a project segment indicates **Cash-Flow Funding** with proposed work type or activity beginning in the initial scheduled year.

UNFUNDED FUTURE COMMITMENTS
PROJECT BREAK C

WORK TYPE (ACTIVITIES)
A - Acquisition
AD - Administration
B - Booklets
C - Construction
CG - Construction (GARVEE)
CP - Capital
F - Feasibility Study
G - Grading and Structures
I - Inspections
L - Landscaping
M - Mitigation
MP - Mapping
N - Implementation
O - Operations
P - Paving
PE - Preliminary Engineering
R - Right of way
RG - Right of way (GARVEE)
S - Structures
SG - Signing
T - Training
U - Utilities

KEY TO HIGHWAY FUNDING SOURCES	
APD - Appalachian Development	NHS - National Highway System
BOND - Revenue Bond	NHS(E) - National Highway System E:
BRGI - Bridge Inspectio	NRT - National Recreation Trails
C - City	O - Others
CMAQ - Congestion Mitigation	PLF - Personal Automobile License Plate Funds
DOD - Department of Defense	RR - Rail-Highway Safety
DP - Discretionary or Demonstration	S - State
FA - Bridge Replacement On-Federal-Aid System	S(E) - State Exempt
FLPF - Federal Lands Program (Forest Highways)	SF - State Ferries
FLPI - Federal Lands Program (Indian Reservation Roads)	SG - Safety Grant
FLPP - Federal Lands Program (Park Roads)	S(M) - State Match
FLPR - Federal Lands Program (Refuge Roads)	S(5) - State (Highway) Tr
HES - High Hazard Safety	SRTS - Safe Routes to School
HFA - Highway Fund Appropriation	STHSR - Stimulus High Speed Rail
HP - Federal-Aid High Priority	STP - Surface Transportation Program
HRRR - High Risk Rural Roads	STP - Surface Transportation Program
IM - Interstate Maintenance	STPEB - Surface Transportation Program, Enhancements (Bike)
IM(E) - Interstate Maintenance Exempt	STPEL - Surface Transportation Program, Enhancements (Local)
IMPM - Interstate Preventative Maintenance	STPEP - Surface Transportation Program, Enhancements (Pedestrian)
L - Local Matching Share	STPER - Surface Transportation Program, Enhancements (Roadside)
MOB - Mobility Funds	T - Highway Trust Funds
NFA - Bridge Replacement Off-Federal-Aid System	T2001 - State Rail Funds
NFAM - Municipal Bridge Replacement Program	TIFIA - Transportation Infrastructure Finance and Innovation Loan

DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION

FISCAL YEARS: TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION IMPROVEMENT PROGRAM										UNFUNDED FUTURE YEARS								
								5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM													
								FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020									
INTERSTATE PROJECTS																										
ORANGE	I-40	I-5364	EAST OF SR 1734 (ERWIN ROAD) TO DURHAM COUNTY LINE. PAVEMENT REHABILITATION.	0.4	250		IMPM									C	250									
ALAMANCE GUILFORD ORANGE	I-40, I-73 AND I-85	I-5207	INTERSTATE MAINTENANCE PRESERVATION FOR DIVISION 7.		11550		IMPM	C	1155	C	1155	C	1155	C	1155	C	1155	C	1155	C	1155	C	1155			
ORANGE	I-40/85	I-5142	WEST OF SR 1114 (BUCKHORN ROAD) TO I-40/85 INTERCHANGE. MILL, RESURFACE, PAVEMENT MARKINGS AND INSTALL RUMBLE STRIPS.		12000	12000																				
UNDER CONSTRUCTION																										
ORANGE	I-40	I-4716	I-85 TO DURHAM COUNTY LINE. DIAMOND GRINDING, JOINT SEALING, SLAB REPAIR AND MARKING.	11.0	3303	3303																				
UNDER CONSTRUCTION																										
DURHAM ORANGE	I-40	I-3306	I-85 IN ORANGE COUNTY TO NC 147 (BUCK DEAN FREEWAY) IN DURHAM COUNTY. ADD ADDITIONAL LANES.	20.7	128452	81452	IM NHS																	C	9400	A
A I-85 TO DURHAM COUNTY LINE. B ORANGE COUNTY LINE TO NC 147 (BUCK DEAN FREEWAY) IN DURHAM - COMPLETE.																										
DURHAM GRANVILLE	I-85	I-5145	NORTH OF US 70 IN DURHAM COUNTY TO NORTH OF NC 56 IN GRANVILLE COUNTY. PAVEMENT PRESERVATION.	12.9	8500		IM	C	8500																	
DURHAM	I-85	I-5334	SOUTH OF US 15-501 TO NORTH OF US 70. CLEAN AND RESEAL JOINTS, AND REPAIR SPALLS.	4.6	3000		IMPM																	C	3000	
DURHAM	I-85	I-5331	NORTH OF MILE POST 183 TO GRANVILLE COUNTY LINE. CLEAN AND RESEAL JOINTS AND REPAIR SPALLS.	0.7	250		IMPM																	C	250	
ORANGE	I-85	I-5312	EAST OF I-40 TO DURHAM COUNTY LINE. PAVEMENT REHABILITATION.	7.6	6450		IMPM																	C	6450	
ORANGE	I-85	I-5138	I-40/85 SPLIT NEAR HILLSBOROUGH TO SR 1006 (ORANGE GROVE ROAD). MILL, RESURFACE AND OVERLAY.		2023	2023																				
UNDER CONSTRUCTION																										

* INDICATES INTRASTATE PROJECT

DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION

FISCAL YEARS: TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	STATE TRANSPORTATION IMPROVEMENT PROGRAM										UNFUNDED		
							5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM						FUTURE YEARS	
							FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020			
INTERSTATE PROJECTS																			
ORANGE	I-85	I-0305*	I-40 AT HILLSBOROUGH TO DURHAM COUNTY LINE. WIDEN TO SIX LANES AND RECONSTRUCT INTERCHANGES AND STRUCTURES. INCLUDE WIDENING OF NC 86 FROM US 70A TO OLD NC 10.	7.5	212582	1800	NHS												
							NHS												
							NHS												
							IM												
							NHS										C	10534	
							NHS										C	15800	
							NHS												
							NHS												
							IM										M	359	
							NHS												
							NHS										C	47400	
<p>A SR 1006 NEAR HILLSBOROUGH TO EAST OF SR 1709.</p> <p>B EAST OF SR 1709 TO DURHAM COUNTY LINE.</p> <p>PLANNING/DESIGN IN PROGRESS</p>																			
DURHAM WAKE	NC 540	I-5378	NC 54 TO I-40. CLEAN AND RESEAL JOINTS, AND REPAIR SPALLS.	1.0	1475		IMPM										C	1475	
DURHAM GRANVILLE VANCE WAKE WARREN	I-40, I-85, I-440 AND I-540	I-5205	INTERSTATE MAINTENANCE PRESERVATION FOR DIVISION 5.		15420		IMPM	C	1542	C	1542	C	1542	C	1542	C	1542	C	1542
DURHAM	DURHAM	I-4743*	I-85, US 70 TO SR 1632 (RED MILL ROAD), EXIT 182. ADD LANES.	6.4															
UNFUNDED LOOP PROJECT - THE CROSS SECTION FOR THIS PROJECT WILL BE ESTABLISHED BY MUTUAL AGREEMENT OF THE MPO AND NCDOT THROUGH THE STATE AND FEDERAL ENVIRONMENTAL REVIEW PROCESS																			
RURAL PROJECTS																			
DURHAM	NC 54 SR 1973	R-2904	NC 54, SR 1999 (DAVIS DRIVE) TO SR 1959 (MIAMI BOULEVARD) AND SR 1973 (PAGE ROAD), NC 54 TO I-40. WIDEN TO MULTI-LANES AND REPLACE RAILROAD STRUCTURE.	1.1	5500	5500													
UNDER CONSTRUCTION - PROJECT LET WITH U-4026																			
DURHAM WAKE	VARIOUS	R-5164	RESURFACING ON FEDERAL-AID ROUTES.		7993	7993													
<p>A I-85, ORANGE COUNTY LINE TO SR 1401(COLE MILL ROAD); NC 147, I-85 TO THE END OF ASPHALT ROADWAY NEAR EXIT 14; US 15-501 BYPASS, I-85 TO US 15-501 BUSINESS - \$8.65 M - UNDER CONSTRUCTION.</p> <p>B I-40, NC 147 TO EAST OF I-540 - \$3.75 M - WORK TO BE ACCOMPLISHED UNDER R-2000AF.</p> <p>C US 15-501BUSINESS SOUTH, NC 98 TO US 15/501 BUSINESS; US 15-501 BUSINESS NORTH, US 15-501 TO NC 98, US 15-501 BUSINESS, US 15-501 TO SR 1361 (VICKERS AVENUE) AND SR 1127 (CHAPEL HILL STREET), GREAT JONES TO MOREHEAD AVENUE - \$1.09 M - UNDER CONSTRUCTION.</p>																			

DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION

FISCAL YEARS: TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

Table with columns: COUNTY, ROUTE/CITY, ID NUMBER, LOCATION / DESCRIPTION, LENGTH, TOTAL PROJ COST (THOU), PRIOR YEARS COST (THOU), FUNDS, 5 YEAR WORK PROGRAM (FY 2011-2015), DEVELOPMENTAL PROGRAM (FY 2016-2020), UNFUNDED FUTURE YEARS. Includes Rural Projects (Orange, Durham, Wake) and Urban Projects (Durham, Chatham).

* INDICATES INTRASTATE PROJECT

DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION

FISCAL YEARS: TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION IMPROVEMENT PROGRAM					UNFUNDED														
								5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM					FUTURE YEARS									
								FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020										
URBAN PROJECTS																											
CHATHAM DURHAM ORANGE	VARIOUS	U-5023	DURHAM-CHAPEL HILL-CARRBORO (DCHC) DA FUNDS - RESERVED FOR FUTURE PROGRAMMING.		20138		STPDA							C	3730	C	4102	C	4102	C	4102	C	4102				
DURHAM	VARIOUS	U-5146	DURHAM, SIGNAL UPGRADE AT VARIOUS LOCATIONS ON CITY MAINTAINED SYSTEM.		180	180																					
UNDER CONSTRUCTION																											
DURHAM	VARIOUS	U-5142	INSTALL LED TRAFFIC SIGNALS ON CITY MAINTAINED SYSTEM		550	550																					
UNDER CONSTRUCTION																											
ORANGE	CARRBORO	U-2803	SR 1919 (SMITH LEVEL ROAD), ROCK HAVEN ROAD TO BRIDGE NO. 88. WIDEN TO MULTI-LANES.	0.6	11051	3601	S	R	3100																		
PLANNING/DESIGN/RIGHT OF WAY IN PROGRESS																											
DURHAM ORANGE	DURHAM CHAPEL HILL	EB-4707	SR 2220 (OLD CHAPEL HILL ROAD)- SR 1838 (OLD DURHAM ROAD), SR 1116 (GARRETT ROAD) IN DURHAM COUNTY TO US 15-501 IN ORANGE COUNTY. BICYCLE IMPROVEMENTS.	2.7	5450 6450	1450	STPDA	C	3200	C	800																
DIVISION DESIGN/LET - IN PROGRESS																											
ORANGE	CHAPEL HILL	U-3306	SR 1733 (WEAVER DAIRY ROAD), NC 86 TO SR 1734 (ERWIN ROAD). CORRIDOR UPGRADE, PART ON NEW LOCATION.	2.8	17125	11025	STP	C	6100																		
RIGHT OF WAY/CONSTRUCTION IN PROGRESS																											
DURHAM ORANGE	CHAPEL HILL	U-4704	CHAPEL HILL-CARRBORO COMPUTERIZED TRAFFIC SIGNAL SYSTEM.		5450	5450																					
UNDER CONSTRUCTION																											
DURHAM ORANGE	CHAPEL HILL	U-5119	BUS RAPID TRANSIT OPERATIONAL IMPROVEMENTS		625		STPDA	PE	48																		
PLANNING, DESIGN, RIGHT OF WAY AND CONSTRUCTION BY TOWN																											
ORANGE	CHAPEL HILL	U-0624	NC 86 (SOUTH COLUMBIA STREET), SR 1906 (PUREFOY ROAD) TO SR 1902 (MANNING DRIVE). CORRIDOR UPGRADE TO INCLUDE BICYCLE LANES.	0.7	7310	3010	STP			C	4300																
RIGHT OF WAY IN PROGRESS																											
ORANGE	CHAPEL HILL	U-5304	US 15-501, NC 86 (SOUTH COLUMBIA STREET) TO SR 1742 (EPHESUS CHURCH ROAD). SIDEWALKS, WIDE OUTSIDE LANES AND TRANSIT ACCOMMODATIONS. INCLUDE INTERSECTION IMPROVEMENTS AT EPHESUS CHURCH ROAD	4.0	5150 10150		NHS							C	5150	C	5000			C	5150						

* INDICATES INTRASTATE PROJECT

DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION

FISCAL YEARS: TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	STATE TRANSPORTATION IMPROVEMENT PROGRAM										UNFUNDED FUTURE YEARS	
							5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM						
							FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020		
URBAN PROJECTS																		
DURHAM	DURHAM	U-3308	NC 55 (ALSTON AVENUE), NC 147 (I. L. "BUCK" DEAN FREEWAY) TO US 70 BUSINESS-NC 98 (HOLLOWAY STREET). WIDEN TO FOUR LANE DIVIDED FACILITY AND REPLACE NORFOLK-SOUTHERN RAILROAD BRIDGES.	1.0	31024	2596	STP	R	800									
							STP		M	28								
							STP				C	13800	C	13800				
DURHAM	DURHAM	U-0071*	EAST END CONNECTOR, NC 147 (BUCK DEAN FREEWAY) TO NORTH OF NC 98. MULTI-LANE DIVIDED, PART ON NEW LOCATION.	3.2	181789	9056	T			R	21950	R	21950					
							T		U	3000	U	3000						
							T				M	3833						
							T					C	29750	C	29750			
PLANNING/DESIGN IN PROGRESS																		
DURHAM	DURHAM	U-4722*	US 501 (ROXBORO ROAD), US 501 BYPASS (DUKE STREET) TO SR 1640 (GOODWIN ROAD).	4.4			UNFUNDED LOOP PROJECT - THE CROSS SECTION FOR THIS PROJECT WILL BE ESTABLISHED BY MUTUAL AGREEMENT OF THE MPO AND NCDOT THROUGH THE STATE AND FEDERAL ENVIRONMENTAL REVIEW PROCESS											
DURHAM	DURHAM	U-4012	US 15-501, NORTH OF MT. MORIAH ROAD TO SOUTH OF GARRETT ROAD. ADD AN ADDITIONAL NORTH AND SOUTHBOUND LANE AND CONSTRUCT AN ADDITIONAL RIGHT TURN LANE IN THE SOUTHEAST QUADRANT OF INTERCHANGE AT I-40 (EXIT 270).	0.9	15609	15609	UNDER CONSTRUCTION											
DURHAM	DURHAM	U-4011	SR 1959 (SOUTH MIAMI BOULEVARD), SOUTH OF SR 2112 (METHODIST STREET) TO NORTH OF SR 1960 (BETHESDA AVENUE). WIDEN TO FIVE LANES TO PROVIDE CENTER TURN LANE.	0.7	8265	8265	RIGHT OF WAY/CONSTRUCTION IN PROGRESS											
DURHAM	DURHAM	U-4009	SR 1126 (SERVICE ROAD) PARALLEL TO US 15-501. RELOCATE EXISTING SERVICE ROAD.	0.3	5683	5683	UNDER CONSTRUCTION											
DURHAM	DURHAM	U-4721*	NORTHERN DURHAM PARKWAY, I-540 TO ROXBORO ROAD. (COORDINATE WITH U-4720)	18.8			UNFUNDED LOOP PROJECT - THE CROSS SECTION FOR THIS PROJECT WILL BE ESTABLISHED BY MUTUAL AGREEMENT OF THE MPO AND NCDOT THROUGH THE STATE AND FEDERAL ENVIRONMENTAL REVIEW PROCESS											
DURHAM	DURHAM	U-3309	SR 2028 (T.W. ALEXANDER DRIVE), SR 1121 (CORNWALLIS ROAD) TO SR 1959 (MIAMI BOULEVARD). WIDEN TO A FOUR LANE DIVIDED FACILITY.	1.7	14933	11214	STP	C	3719	A								
							A	SR 1121 (CORNWALLIS ROAD) TO EAST OF NC 147 - UNDER CONSTRUCTION.										
							B	EAST OF NC 147 TO SR 1959 (MIAMI BOULEVARD) - COMPLETE.										

* INDICATES INTRASTATE PROJECT

DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION

FISCAL YEARS: TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION IMPROVEMENT PROGRAM										
								5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED
								FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FUTURE YEARS
URBAN PROJECTS																		
DURHAM	DURHAM	U-4720*	US 70, LYNN ROAD TO THE PROPOSED NORTHERN DURHAM PARKWAY. (COORDINATE WITH U-4721)	7.8														
													UNFUNDED LOOP PROJECT - THE CROSS SECTION FOR THIS PROJECT WILL BE ESTABLISHED BY MUTUAL AGREEMENT OF THE MPO AND NCDOT THROUGH THE STATE AND FEDERAL ENVIRONMENTAL REVIEW PROCESS					
DURHAM	DURHAM	U-5151	DURHAM, SR 1670 (GEER STREET) AT MIAMI BOULEVARD. INTERSECTION REDESIGN.		80	80												
													UNDER CONSTRUCTION					
DURHAM	DURHAM	U-5122	NC 98, SR 1838 (JUNCTION ROAD) TO SR 1811 (SHERRON ROAD). MILL AND RESURFACE.		1285	1285												
													UNDER CONSTRUCTION					
DURHAM	DURHAM	U-5124	DURHAM, SR 1978 (OLD PAGE ROAD), SR 1926 (ANGIER AVENUE) TO SR 2095 (PAGE ROAD EXTENSION). PATCH AND RESURFACE.		128	128												
													UNDER CONSTRUCTION					
DURHAM	DURHAM	U-5126	US 501 BYPASS (DUKE STREET), SR 1443 (HORTON ROAD) TO HUDSON STREET. MILL AND RESURFACE.		770	770												
													UNDER CONSTRUCTION					
DURHAM	DURHAM	U-3804	SR 1321 (HILLDALE ROAD), I-85 TO SR 1407 (CARVER STREET). WIDEN TO MULTI-LANES.	0.7	11941	11941												
													UNDER CONSTRUCTION					
DURHAM	DURHAM	U-5127	DURHAM, SR 1321 (HILLDALE-FULTON STREET), I-85 TO SR 1320 (ERWIN ROAD). MILL AND RESURFACE.		300	300												
													UNDER CONSTRUCTION					
DURHAM	DURHAM	U-5150	DURHAM, WILLIAM PENN STREET AT BEN FRANKLIN STREET. INSTALL TRAFFIC SIGNAL.															
													UNDER CONSTRUCTION - LET WITH U-5148					
DURHAM	DURHAM	U-5149	DURHAM, RENAISSANCE PARKWAY AT SOUTHPOINT MALL ENTRANCE NEAR SOUTHPOINT CINEMA AND AT AMERICAN TOBACCO TRAIL. INSTALL TRAFFIC SIGNALS.		300	300												
													UNDER CONSTRUCTION					
DURHAM	DURHAM	U-5148	DURHAM, NORTHPOINTE DRIVE, HOME DEPOT TO KROGER. INSTALL TRAFFIC SIGNAL.		400	400												
													UNDER CONSTRUCTION - INCLUDES U-5150					

* INDICATES INTRASTATE PROJECT

DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION

FISCAL YEARS: TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	STATE TRANSPORTATION IMPROVEMENT PROGRAM										UNFUNDED	
							5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM						FUTURE YEARS
							FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020		
URBAN PROJECTS																		
DURHAM WAKE	DURHAM MORRISVILLE	U-4716	SR 1978 (HOPSON ROAD), SR 1980 (CHURCH STREET), AND NORFOLK SOUTHERN RAILROAD-NORTH CAROLINA RAILROAD, SOUTH OF I-40 TO NORTH OF MCCRIMMON PARKWAY. CONSTRUCT A GRADE SEPARATION AT HOPSON ROAD, EXTEND CHURCH STREET TO HOPSON ROAD, CLOSE CHURCH STREET CROSSING 734 748M OF THE NORFOLK SOUTHERN-NORTH CAROLINA RAILROAD, CONSTRUCT SECOND TRACK, AND WIDEN HOPSON ROAD FROM EAST OF SR 1999 (DAVIS DRIVE) TO NC 54.	31016	3555		STHSR PE 459 A	PE 465 A	PE 473 A									
							STHSR R 690 A	R 1400 A	R 591 A									
							O R 1147 A	R 1147 A	R 1147 A									
							STHSR C 450 A	C 2875 A	C 1348 A									
							STHSR PE 187 C	PE 190 C	PE 193 C									
							STHSR R 114 C	R 232 C	R 236 C									
							STHSR C 1396 C	C 3272 C	C 2429 C									
							O										R 634 B	
							O										C 2100 B	
							O										R 1126 D	
							O										C 3160 D	
							<p>A CONSTRUCT RAILROAD GRADE SEPARATION AT SR 1978 (HOPSON ROAD) AND SHIFT RAIL LINE.</p> <p>B SR 1980 (CHURCH STREET), REALIGN AND CLOSE CROSSING 734 748M OF THE NORFOLK SOUTHERN-NORTH CAROLINA RAILROAD.</p> <p>C CONSTRUCT SECOND TRACK.</p> <p>D SR 1978 (HOPSON ROAD), EAST OF SR 1999 (DAVIS DRIVE) TO NC 54, WIDEN TO MULTILANES.</p>											
							PLANNING/DESIGN IN PROGRESS											
DURHAM WAKE	RESEARCH TRIANGLE PARK	U-4026	SR 1613-SR 1999 (DAVIS DRIVE), SR 3014 (MORRISVILLE-CARPENTER ROAD) IN WAKE COUNTY TO NC 54 IN DURHAM COUNTY. WIDEN TO MULTI-LANES.	5.7	39063	39063												
							<p>A SR 3014 (MORRISVILLE-CARPENTER ROAD) TO SR 1635 (KOPPERS ROAD-MCCRIMMON PARKWAY) - UNDER CONSTRUCTION.</p> <p>B SR 1635 (KOPPERS ROAD-MCCRIMMON PARKWAY) IN WAKE COUNTY TO NC 54 IN DURHAM COUNTY - UNDER CONSTRUCTION.</p>											
							PROJECT LET WITH R-2904											
DURHAM WAKE	RESEARCH TRIANGLE PARK	U-4763B	NEW ROUTE - TRIANGLE PARKWAY, NC-540 TO I-40. MULTI-LANE FACILITY ON NEW LOCATION.	3.5	190568	176568	BOND C 8400											
							TIFA C 5180											
							S(E) C 420											
							NORTH CAROLINA TURNPIKE AUTHORITY PROJECT (DESIGN-BUILD PROJECT) - UNDER CONSTRUCTION											
FEASIBILITY STUDIES																		
CHATHAM DURHAM	DURHAM	FS-1008B	NC 751, US 64 IN CHATHAM COUNTY TO NORTH OF SR 1118 (FAYETTEVILLE ROAD) IN DURHAM COUNTY. WIDEN TO MULTILANES WITH BICYCLE LANES.															
							SCHEDULED FOR FEASIBILITY STUDY											
DURHAM	DURHAM	FS-1005C	NC 54, I-40 TO NC 55 IN DURHAM. WIDEN TO MULTILANES WITH TRANSIT ACCOMMODATIONS, BIKE LANES, AND SIDEWALKS.	5.2											R/C 30000	R/C 30000		
							SCHEDULED FOR FEASIBILITY STUDY											
FEDERAL BRIDGE PROJECTS																		
DURHAM	US 70 BUSINESS	B-3638	CAMPUS DRIVE. REPLACE BRIDGE NO. 316		1680	380	FA			C 1300								
							RIGHT OF WAY IN PROGRESS											

* INDICATES INTRASTATE PROJECT

DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION

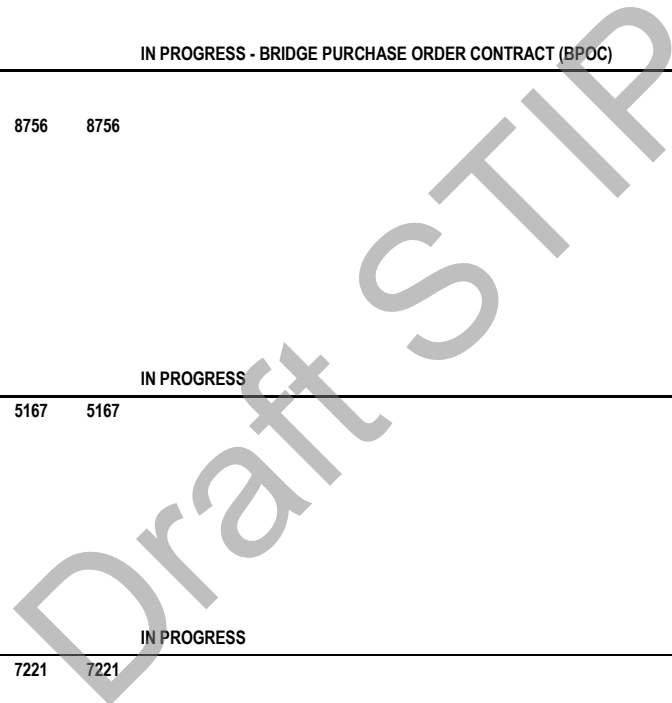
FISCAL YEARS: TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION IMPROVEMENT PROGRAM										UNFUNDED																		
								5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM						FUTURE YEARS																	
								FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020																			
FEDERAL BRIDGE PROJECTS																																				
ORANGE	US 70 BYPASS	B-4962	ENO RIVER. REPLACE BRIDGE NO. 46		6600		FA										R	600																		
							FA											C	6000																	
ORANGE	SR 1002	B-4216	STROUDS CREEK. REPLACE BRIDGE NO. 66		1054	1054		UNDER CONSTRUCTION																												
ORANGE	SR 1005	B-5348	PHIL'S CREEK. REPLACE BRIDGE NO. 85		1063		FA											R	97																	
							FA												C	966																
DURHAM	SR 1116	B-3450	NEW HOPE CREEK. REPLACE BRIDGE NO. 217, SANDY CREEK. REPLACE BRIDGE NO. 122.		4986	4986		UNDER CONSTRUCTION																												
DURHAM	SR 1616	B-4943	DIAL CREEK (LAKE MICHIE). REPLACE BRIDGE NO. 20.		477		NFA											R	40																	
							NFA											U	52																	
							NFA													C	385															
ORANGE	VARIOUS	B-5191	BRIDGE EXPANSION JOINT REPAIRS AT SELECTED LOCATIONS.		160	160		UNDER CONSTRUCTION																												
CHATHAM	VARIOUS	BD-5108	DIVISION 8 PURCHASE ORDER CONTRACT BRIDGE REPLACEMENT PROJECTS AT SELECTED LOCATIONS.		36000	2000	NFA	R	600	R	200	R	200	R	200	R	200	R	300	R	400	R	400	R	400	R	500									
HOKE							NFA	C	5400	C	1800	C	1800	C	1800	C	1800	C	2700	C	3600	C	3600	C	3600	C	4500									
LEE																																				
MONTGOMERY																																				
MOORE																																				
RANDOLPH																																				
RICHMOND																																				
SCOTLAND																																				
IN PROGRESS - BRIDGE PURCHASE ORDER CONTRACT (BPOC)																																				
DURHAM	VARIOUS	BD-5105	DIVISION 5 PURCHASE ORDER CONTRACT BRIDGE REPLACEMENT PROJECTS AT SELECTED LOCATIONS.		36000	2000	NFA	R	600	R	200	R	200	R	200	R	200	R	300	R	400	R	400	R	400	R	500									
FRANKLIN							NFA	C	5400	C	1800	C	1800	C	1800	C	1800	C	2700	C	3600	C	3600	C	3600	C	4500									
GRANVILLE																																				
PERSON																																				
VANCE																																				
WAKE																																				
WARREN																																				
IN PROGRESS - BRIDGE PURCHASE ORDER CONTRACT (BPOC)																																				

DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION

FISCAL YEARS: TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	STATE TRANSPORTATION IMPROVEMENT PROGRAM										UNFUNDED FUTURE YEARS												
							5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM																	
							FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020													
FEDERAL BRIDGE PROJECTS																													
ALAMANCE CASWELL GUILFORD ORANGE ROCKINGHAM	VARIOUS	BD-5107	DIVISION 7 PURCHASE ORDER CONTRACT BRIDGE REPLACEMENT PROJECTS AT SELECTED LOCATIONS.		36000	2000	NFA	R	600	R	200	R	200	R	200	R	200	R	300	R	400	R	400	R	400	R	500		
							NFA	C	5400	C	1800	C	1800	C	1800	C	1800	C	2700	C	3600	C	3600	C	3600	C	4500		
IN PROGRESS - BRIDGE PURCHASE ORDER CONTRACT (BPOC)																													
MITIGATION PROJECTS																													
CHATHAM HOKE LEE MONTGOMERY MOORE RANDOLPH RICHMOND SCOTLAND	VARIOUS	EE-4908	ECOSYSTEM ENHANCEMENT PROGRAM FOR DIVISION 8 PROJECT MITIGATION.		8756	8756																							
IN PROGRESS																													
DURHAM FRANKLIN GRANVILLE PERSON VANCE WAKE WARREN	VARIOUS	EE-4905	ECOSYSTEM ENHANCEMENT PROGRAM FOR DIVISION 5 PROJECT MITIGATION.		5167	5167																							
IN PROGRESS																													
ALAMANCE CASWELL GUILFORD ORANGE ROCKINGHAM	VARIOUS	EE-4907	ECOSYSTEM ENHANCEMENT PROGRAM FOR DIVISION 7 PROJECT MITIGATION.		7221	7221																							
IN PROGRESS																													
BICYCLE AND PEDESTRIAN PROJECTS																													
ORANGE	VARIOUS	EB-5108	SR 1112 (DAIRYLAND ROAD), SR 1111 UNION (CHAPEL GROVE ROAD) TO SR 1006 (ORANGE GROVE ROAD). ADD WIDE PAVED SHOULDERS.																										
SCHEDULED FOR FEASIBILITY STUDY																													



DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION

FISCAL YEARS: TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION IMPROVEMENT PROGRAM					UNFUNDED							
								5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM					FUTURE YEARS		
								FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020			
CONGESTION MITIGATION PROJECTS																				
ORANGE	CARRBORO	C-5181	JONES CREEK GREENWAY, CONSTRUCT A 100 FOOT BRIDGE AND 650 FOOT PAVED TRAIL TO FILL GAP BETWEEN THE CARRBORO UPPER BOLIN TRAIL AND TWIN CREEKS GREENWAY AND IMPLEMENT PROGRAM TO SUPPORT NON-VEHICLE TRIPS TO MORRIS GROVE ELEMENTRY SCHOOL.	300				CMAQ				PE	24							
								C				PE	6							
								CMAQ				C	206							
								C				C	52							
								CMAQ						N	10					
								C						N	2					
DURHAM ORANGE	CHAPEL HILL	C-5104	PURCHASE TWO (2) HYBRID ELECTRIC BUSES AND PROVIDE PORTION OF OPERATING EXPENSE FOR THREE YEARS.	2100	1979			CMAQ	O	97										
								C	O	24										
								IN PROGRESS												
ORANGE	CHAPEL HILL	C-5177	MLK, JR. SHARED PATHWAY, CONSTRUCT PATHWAY ALONG MLK, JR. BOULEVARD, HOMESTEAD ROAD TO PINEY MOUNTAIN ROAD.	906				CMAQ				R	180							
								C				R	45							
								CMAQ				C	545							
								C				C	136							
ORANGE	CHAPEL HILL	C-5179	NORTH ESTES DRIVE, CONSTRUCT A TEN FOOT PATHWAY, FIVE FOOT SIDEWALKS AND A FOUR FOOT BIKE LANE.	1182				CMAQ				R	166							
								C				R	41							
								CMAQ						C	780					
								C						C	195					
MECKLENBURG ORANGE	CHARLOTTE HILLSBOROUGH	C-5111	INSTALL TWO STATE MAINTAINED E-85 FUELING SITES.	250	250			IN PROGRESS												
CHATHAM DURHAM FRANKLIN GRANVILLE HARNETT JOHNSTON ORANGE WAKE	TRIANGLE J COUNCIL OF GOVERNMENTS	C-5102	TRIANGLE TRANSPORTATION DEMAND MANAGEMENT PROGRAM SERVICES FOR EMPLOYERS AND ORGANIZATIONS IN THE TRIANGLE OZONE NON-ATTAINMENT REGION. MARKETING AND OUTREACH.	8028	1627			CMAQ	N	343	A	N	371	A						
								O	N	86	A	N	93	A						
								CMAQ	N	279	B	N	299	B						
								O	N	70	B	N	75	B						
								CMAQ				N	382	B	N	385	B	N	458	B
								O				N	423	B	N	431	B	N	496	B

A CAPITAL AREA MPO PARTICIPATION - IN PROGRESS BY TRIANGLE J COUNCIL OF GOVERNMENT.
 B DURHAM-CHAPEL HILL-CARRBORO MPO PARTICIPATION - IN PROGRESS BY TRIANGLE J COUNCIL OF GOVERNMENT.

DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION

FISCAL YEARS: TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION IMPROVEMENT PROGRAM										UNFUNDED FUTURE YEARS	
								5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM						
								FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020		
CONGESTION MITIGATION PROJECTS																			
ORANGE	COUNTYWIDE HILLSBOROUGH	C-4932A	CONSTRUCT A PARK AND RIDE SHELTER AND INSTALL BIKE RACKS ON BUSES. SECTION A: DURHAM-CHAPEL HILL-CARRBORO (DCHC) MPO TO PARTICIPATE IN CONSTRUCTION AND OPERATING ASSISTANCE FOR ONE YEAR FOR A NEW TRANSIT SERVICE.		93	93													
								IN PROGRESS											
DURHAM	DURHAM	C-4928	MORREENE ROAD, NEAL ROAD TO ERWIN ROAD. CONSTRUCT BIKE LANES AND SIDEWALKS.	1441			STPDA C 931												
							CMAQ C 222												
							C C 288												
								PLANNING, DESIGN, RIGHT OF WAY AND CONSTRUCTION BY CITY											
DURHAM	DURHAM	C-4929	BICYCLE PARKING PROGRAM. INSTALL BIKE RACKS AT VARIOUS LOCATIONS.	48	48														
								IN PROGRESS											
DURHAM	DURHAM	C-5103	PURCHASE TWO (2) HYBRID ELECTRIC BUSES AND PROVIDE PORTION OF OPERATING ASSISTANCE FOR TWO YEARS.	1686	1686														
								IN PROGRESS											
DURHAM	DURHAM	C-5175	DURHAM AREA TRANSIT AUTHORITY (DATA) OPERATING ASSISTANCE FOR NEW FIXED ROUTE.	2438			CMAQ C					O 951		O 999					
												O 238		O 250					
DURHAM	DURHAM	C-5178	CAMPUS WALK AVENUE, MORREENE ROAD TO LASALLE STREET AND LASALLE STREET, KANGAROO DRIVE TO ERWIN ROAD. CONSTRUCT SIDEWALKS.	336			CMAQ C							C 269					
														C 67					
DURHAM	DURHAM	C-5180	DURHAM AREA TRANSIT AUTHORITY (DATA), REPLACEMENT OF FIVE HYBRID CUTAWAYS (LIGHT TRANSIT VEHICLES).	729			CMAQ C							A 583					
														A 146					
DURHAM	DURHAM	C-5182	HOPE VALLEY ROAD, CONSTRUCT SIDEWALKS AND BIKE LANES BETWEEN MLK, JR. PARKWAY AND US 15-501 BUSINESS	1386			CMAQ C								R 107				
															R 27				
															C 1002				
															C 250				

* INDICATES INTRASTATE PROJECT

DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION

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FISCAL YEARS: TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED FUTURE YEARS													
								FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020														
CONGESTION MITIGATION PROJECTS																															
DURHAM	DURHAM	C-5183	CONSTRUCT SIDEWALKS.		2127		CMAQ										C	778	A												
							C										C	194	A												
							CMAQ													C	924	B									
							C													C	231	B									
							A CAMERON BOULEVARD, ERWIN ROAD AND DUKE UNIVERSITY ROAD.																								
							B ALSTON AVENUE, CARPENTER FLETCHER ROAD TO SEDWICK ROAD.																								
DURHAM	DURHAM	C-4702	TEN (10) - REPLACEMENT BUSES.		3000	3000	IN PROGRESS - FUNDS FLEXED TO FEDERAL TRANSIT ADMINISTRATION																								
ORANGE	HILLSBOROUGH	C-5184	RIVERWALK TRAIL, PHASE III. CONSTRUCT A PAVED OFF-ROAD TAIL ALONG ENO RIVER CONNECTING RIVER PARK, GOLD PARK AND THE OCCONEECHEE MOUNTAIN STATE NATURAL AREA.		621		CMAQ													PE	40										
							C													PE	10										
							CMAQ													R	183										
							C													R	250										
							C															C	138								
DURHAM	ORANGE	WAKE	TRIANGLE J COUNCIL OF GOVERNMENTS (COG). DEVELOP A FLEXIBLE WORK SCHEDULE FOR EMPLOYEES AND ORGANIZATIONS IN TRIANGLE OZONE NON-ATTAINMENT AREA FOR THREE YEARS.		5626	300	CMAQ					N	481	N	482	N	572	N	620	N	640										
							C					N	423	N	430	N	496	N	579	N	603										
							A DEVELOP FLEXIBLE WORK SCHEDULES FOR EMPLOYEES IN CAPITAL AREA MPO (CAMPO) - IN PROGRESS.																								
							B DEVELOP FLEXIBLE WORK SCHEDULES FOR EMPLOYEES IN DURHAM-CHAPEL HILL-CARRBORO (DCHC) - IN PROGRESS.																								
							IN PROGRESS BY TRIANGLE J COUNCIL OF GOVERNMENTS																								
ENHANCEMENT PROJECTS (LOCAL PROJECTS)																															
ORANGE	VARIOUS	EL-5103	CARRBORO, INSTALL BUS SHELTERS AT SELECTED LOCATIONS.		76	76	UNDER CONSTRUCTION BY TOWN																								
CHATHAM	DURHAM	ORANGE	DCHC URBAN AREA BICYCLE AND PEDESTRIAN ALLOCATION.		11941	4606	STPDA	C	1980	C	1578	C	2184	C	126																
							C	C	495	C	395	C	546	C	31																
							PLANNING, DESIGN, RIGHT OF WAY AND CONSTRUCTION BY OTHERS - IN PROGRESS																								
ORANGE	CARRBORO	EL-4828	MORGAN CREEK GREENWAY (WEST), SMITH LEVEL ROAD TO UNIVERSITY LAKE. CONSTRUCT GREENWAY.		535	40	STPDA	C	396																						
							C	C	99																						
							PLANNING, DESIGN, RIGHT OF WAY AND CONSTRUCTION BY TOWN - IN PROGRESS																								

* INDICATES INTRASTATE PROJECT

DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION

FISCAL YEARS: TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION IMPROVEMENT PROGRAM										UNFUNDED FUTURE YEARS
								5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM					
								FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	
ENHANCEMENT PROJECTS (LOCAL PROJECTS)																		
ORANGE	CHAPEL HILL	EL-4601	MORGAN CREEK GREENWAY (EAST). US 15-501-CULBETH ROAD TO SMITH LEVEL ROAD. TEN FOOT MULTI-USE ASPHALT PATH INCLUDING ACCESS TO MERRITT PASTURE.		1290	1290												
PLANNING, DESIGN, RIGHT OF WAY AND CONSTRUCTION BY TOWN - IN PROGRESS																		
DURHAM	DURHAM	EL-4999	BICYCLE AND PEDESTRIAN TRAILS IN DURHAM AND DURHAM COUNTY. ACQUISITION OF RAIL CORRIDORS AND CONSTRUCTION.															
PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDY ONLY - PLANNING, DESIGN, RIGHT OF WAY AND CONSTRUCTION BY OTHERS																		
DURHAM	DURHAM	EL-2921E	AMERICAN TOBACCO RAIL TRAIL. NC 54 TO CHATHAM COUNTY LINE. CONSTRUCT A MULTI-PURPOSE TRAIL.		5762	5762												
PARTS A-D COMPLETE; PLANNING, DESIGN, RIGHT OF WAY AND CONSTRUCTION BY CITY - IN PROGRESS																		
DURHAM	DURHAM	U-4445	NC 147 (DURHAM FREEWAY), NEAR ALSTON AVENUE. CONSTRUCT PEDESTRIAN BRIDGE OVER NC 147 AND REMOVE EXISTING SUBSTANDARD PEDESTRIAN BRIDGE.		2000	2000												
UNDER CONSTRUCTION BY OTHERS																		
DURHAM	DURHAM	U-4724	CORNWALLIS ROAD, SOUTH ROXBORO ROAD TO UNIVERSITY DRIVE. BIKE AND PEDESTRIAN FEATURES.		1970		STPDA	C	1576									
								C	C	394								
PLANNING, DESIGN, RIGHT OF WAY AND CONSTRUCTION BY CITY																		
HAZARD ELIMINATION PROJECTS																		
ORANGE	US 70 NC 751	SF-4907B	INSTALL RIGHT TURN LANE.		165	165												
IN PROGRESS																		
ORANGE	NC 86	W-5318	NC 57 TO CASWELL COUNTY LINE. GEOMETRIC IMPROVEMENTS, PAVED SHOULDERS AND RUMBLE STRIPS.	12.2	4654		HES											
								HES										
ORANGE	NC 57 NC 157	SF-4907C	WIDEN NC 57 FOR LEFT TURN LANES AND INSTALL A TRAFFIC SIGNAL AT THE INTERSECTION OF NC 157.		654	54	HES			R	50							
								HES			C	550						
IN PROGRESS																		
CHATHAM	NC 751	SF-4908I	INTERSECTION WITH SR 1731 (O'KELLY CHURCH ROAD). INSTALL TRAFFIC SIGNAL AND LEFT TURN LANE.		593	593												
UNDER CONSTRUCTION																		

* INDICATES INTRASTATE PROJECT

DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION

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FISCAL YEARS: TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED
								FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FUTURE YEARS
HAZARD ELIMINATION PROJECTS																		
CHATHAM HOKE LEE MONTGOMERY MOORE RANDOLPH RICHMOND SCOTLAND	VARIOUS	W-5208	DIVISION 8 RUMBLE STRIPS, GUARDRAIL AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS.		100	100												
DIVISION PURCHASE ORDER CONTRACT (DPOC) - IN PROGRESS																		
ALAMANCE CASWELL GUILFORD ORANGE ROCKINGHAM	VARIOUS	W-5207	DIVISION 7 RUMBLE STRIPS, GUARDRAIL AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS.		500	500												
DIVISION PURCHASE ORDER CONTRACT (DPOC) - UNDER CONSTRUCTION																		
DURHAM FRANKLIN GRANVILLE PERSON VANCE WAKE WARREN	VARIOUS	W-5205	DIVISION 5 RUMBLE STRIPS, GUARDRAIL AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS.		180	180												
DIVISION PURCHASE ORDER CONTRACT (DPOC) - IN PROGRESS																		
DURHAM	DURHAM	W-5110	NC 55 (ALSTON AVENUE) AT LAWSON STREET. CONSTRUCT LEFT TURN LANES ON NC 55.	0.2	975		HES	R	500									
							HES			C	475							

Draft STIP

* INDICATES INTRASTATE PROJECT

DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION

FISCAL YEARS: TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	STATE TRANSPORTATION IMPROVEMENT PROGRAM										UNFUNDED		
							5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM						FUTURE YEARS	
					FUNDS		FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020			
PASSENGER RAIL PROJECTS																			
ALAMANCE	AMTRAK	P-2918	TRAIN 73/74 OPERATIONS BETWEEN CHARLOTTE AND RALEIGH AND CAPITAL YARD MAINTENANCE FACILITY.	194910	103248		S(5)	O	2600	O	2600	O	2600	O	2600	O	2600		
CABARRUS							T2001	O	4000	O	4000	O	4000	O	4000	O	4000		
DURHAM							STHSR	PE	50	E									
GUILFORD							STHSR	O	478	E									
MECKLENBURG							STHSR	PE	160	F	PE	154	F						
ROWAN							STHSR	C	8711	F	C	4679	F						
WAKE							STHSR	C	6257	G									
							STHSR	PE	51	H									
							STHSR	R	567	H									
							STHSR	C	3797	H									
							STHSR	PE	91	I									
							STHSR	C	667	I									
							A EQUIPMENT REBUILD - 2 F59PHI LOCOMOTIVES - IN PROGRESS. B PURCHASE 2 USED LOCOMOTIVES - ACQUIRED. C EQUIPMENT REHAB - 3 LOCOMOTIVES - IN PROGRESS. D EQUIPMENT REHAB - 3 PASSENGER CARS - IN PROGRESS. E PASSENGER TRAIN SECURITY SYSTEM, CCTVDATA NETWORK AND GENERATORS - IN PROGRESS. F CRISP CHARLOTTE MAINTENANCE FACILITY TRACK EXTENSION AND SHOP BUILDING - IN PROGRESS. G EQUIPMENT - PURCHASE 4 USED PASSENGER CARS AND REHAB 7 - IN PROGRESS. H CAPITAL YARD PHASE 1 IMPROVEMENTS - EXTEND TRACKS 1 AND 2, MAJOR WORK TRACK 3 - IN PROGRESS. I EQUIP 9 STATIONS AND PLATFORMS WITH ADA/FRA PIDS - IN PROGRESS.												
							IN PROGRESS												
ALAMANCE	AMTRAK	P-2908	CAPITAL AND OPERATIONS COST OF TRAIN 79/80 BETWEEN CHARLOTTE AND ROCKY MOUNT.	47795	35795		S(5)	O	2400	O	2400	O	2400	O	2400	O	2400		
CABARRUS																			
DURHAM																			
EDGEcombe																			
GUILFORD																			
JOHNSTON																			
MECKLENBURG																			
NASH																			
ROWAN																			
WAKE																			
WILSON																			
							IN PROGRESS												
ORANGE	CARRBORO	Z-4007B	SR 1927 (BREWER ROAD) IN CARRBORO AT NORFOLK SOUTHERN RAILWAY CROSSING 735 179M. SAFETY IMPROVEMENTS.	95	95														
							FUNDED - CONSTRUCTION NOT AUTHORIZED												
DURHAM	DURHAM	P-3802	STATION CONSTRUCTION.	1250	1250		CMAQ												
							UNDER CONSTRUCTION												

* INDICATES INTRASTATE PROJECT

Additions to the draft STIP

COUNTY	ROUTE/CITY	ID NUMBER	LOCATION/DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	METROPOLITAN TRANSPORTATION IMPROVEMENT PROGRAM										UNFUNDED FUTURE YEARS									
								5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM														
								FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020										
DURHAM ORANGE	DURHAM	FS-XXXX	NC 54, I-40 TO US 15-501 (FORDHAM BLVD). FEASIBILITY STUDY FOR ROADWAY, BICYCLE, PEDESTRIAN, AND TRANSIT IMPROVEMENTS.																								
DURHAM	DURHAM	U-XXXX	SR 1118 (FAYETTEVILLE ROAD), WOODCROFT PARKWAY TO SR 1171 (RIDDLE ROAD). WIDEN TO 4-LANE DIVIDED, BIKE LANES, SIDEWALKS	2.3	21000	0									R C	7000	C	7000	C	7000							
DURHAM ORANGE	DURHAM CHAPEL HILL	E-XXXX	SR1306 (ERWIN ROAD), US 15-501 TO NC 751. CONSTRUCT BICYCLE LANES, SIDEWALKS, AND SAFETY IMPROVEMENTS.	5.5	5500	0									R C	5500											
CHATHAM	CHATHAM	R-XXXX	SR 1717 (JACK BENNETT ROAD), US 15-501 TO SR 1724 (LYSTRA ROAD). SAFETY IMPROVEMENTS.	2.3	6900	0									R C	6900											
ORANGE	HILLSBOROUGH	R-2825	SR 1009 (CHURTON STREET), US 70 BUSINESS TO I-40. CONGESTION MANAGEMENT, STREETScape, WIDENING.	2.5	19000	0														R C	9500	C	9500				
ORANGE	HILLSBOROUGH	U-3436	SR 1148 (ENO MOUNTAIN ROAD) AND SR 1192 (MAYO STREET) REALIGNMENT		2400	0															R C	2400					
ORANGE	HILLSBOROUGH	U-XXXX	NC 86, US 70 BYPASS TO SR 1332 (COLEMAN LOOP ROAD). WIDEN TO MULTI-LANES	0.4	7500	0															R C	7500					
ORANGE	HILLSBOROUGH	U-XXXX	SR 1006 (ORANGE GROVE ROAD), SR 1009 (CHURTON STREET) TO US 70A. CONSTRUCT ROADWAY.	0.4	30000	0															R C	30000					
DURHAM ORANGE	DURHAM CHAPEL HILL	TX-XXXX	CONSTRUCT PARK-AND-RIDE LOTS IN THE FOLLOWING CORRIDORS <ul style="list-style-type: none"> • US 501 NORTH OF DURHAM • I-85 EAST OF DURHAM • I-40/I-85 WEST OF HILLSBOROUGH • US 15-501 BETWEEN DURHAM AND CHAPEL HILL • I-40/NC 751 IN DURHAM 		1630	0	FED									C	326	C	326	C	326	C	326	C	326	C	326
ORANGE	HILLSBOROUGH	E-XXXX	SR 1006 (ORANGE GROVE ROAD), CONSTRUCT BICYCLE AND PEDESTRIAN BRIDGE OVER I-40	0.04	400	0										C	400										

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Section 3 – Statewide TIP (*Transit*)

This section has the pages from the Statewide Transit STIP that contain projects in the DCHC MPO planning area, including:

- Durham Area Transit Authority (DATA) projects
- Chapel Hill Transit (CHT) projects
- Triangle Transit projects
- Rural Operating Assistance Program (ROAP) in Durham, Orange and Chatham counties
- Statewide transit programs

An explanation of the table format and keys for the funding sources and work types can be found at the beginning of the Local Supplement of the STIP, which is in a previous section of this document.

PUBLIC TRANSPORTATION PROGRAM
(Urban With Funds)

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION IMPROVEMENT PROGRAM										UNFUNDED FUTURE YEARS				
							5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM									
							FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020					
WAKE	CAPITAL AREA TRANSIT	TD-4943	FACILITY: TRANSIT CENTER - MOORE SQUARE STATION EXPANSION.	3300		FBUS	800	800	800												
						L	100	100	100												
						STAT	100	100	100												
WAKE	CAPITAL AREA TRANSIT	TD-5116	FACILITY: PARK & RIDE	3503	875	FUZ	700	700	700												
						L	88	88	88												
						STAT	88	88	88												
WAKE	CAPITAL AREA TRANSIT	TG-5113S	SAFETY & SECURITY	861	135	FUZ	64	50	54	20	125	105	118	95	53	42					
WAKE	CAPITAL AREA TRANSIT	TO-5128	OPERATING ASSISTANCE	28292	2572	STAT	2572	2572	2572	2572	2572	2572	2572	2572	2572	2572					
WAKE	CAPITAL AREA TRANSIT	TP-5100	PLANNING ASSISTANCE - 5303/04	2299	209	FMPL	167	167	167	167	167	167	167	167	167	167	167				
						L	21	21	21	21	21	21	21	21	21	21	21	21	21		
						STAT	21	21	21	21	21	21	21	21	21	21	21	21	21	21	
WAKE	CAPITAL AREA TRANSIT	TT-4908	SURVEILLANCE CAMERAS	1084	542	FUZ															
						L															
						STAT															
WAKE	CARY/C-TRAN	TD-4912	FACILITY: PARK & RIDE - NEW HOPE CHURCH RD	1192		CMAQ			797												
						L			395												
WAKE	CARY/C-TRAN	TG-4935	ROUTINE CAPITAL: AUTOMATED PASSENGER COUNTER	284		L	57														
						STPDA	227														
WAKE	CARY/C-TRAN	TG-5114S	SAFETY & SECURITY	75		FUZ						23	14	11	11	8	8				
WAKE	CARY/C-TRAN	TO-5129	OPERATING ASSISTANCE	25191	1881	L	1900	2000	2200	2500	2600	1700	1900	2000	2200	2500					
						STAT	181	181	181	181	181	181	181	181	181	181	181	181	181		
ORANGE	CHAPEL HILL TRANSIT	C-5104	EXPANSION BUS (2) HYBRID - PLUS 3 YRS OPS	238	117	CMAQ	97														
						L	24														
ORANGE	CHAPEL HILL TRANSIT	TA-4726	REPLACEMENT BUS - ARTICULATED HYBRID	31493	9998	FUZ	4896	2608			1939	1939	1939	1939	1939	1939					
						L	612	326			242	242	242	242	242	242	242				
						STAT	612	326			242	242	242	242	242	242	242	242			
ORANGE	CHAPEL HILL TRANSIT	TA-4748	REPLACEMENT BUS: PARATRANSIT	3633	703	FUZ			923	634	157	157	157	157	157	157					
						L			79	79	20	20	20	20	20	20	20				
						STAT			115	115	20	20	20	20	20	20	20	20			
ORANGE	CHAPEL HILL TRANSIT	TA-4979	REPLACEMENT VANS (16)	1685	703	FUZ	160		634												
						L	15		79												
						STAT	15		79												

ALL SCHEDULES SUBJECT TO AVAILABILITY OF FUNDS

PUBLIC TRANSPORTATION PROGRAM
(Urban With Funds)

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION IMPROVEMENT PROGRAM										UNFUNDED FUTURE YEARS	
							5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM						
							FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020		
ORANGE	CHAPEL HILL TRANSIT	TG-4731	ROUTINE CAPITAL: SIGNS, BENCHES, SHELTERS, SPARE PARTS, FAREBOX REPLACEMENT, SHOP & OFFICE EQUIPMENT, ETC.	14915	1659	FUZ 955 984 1013 1043 1074 L 239 246 253 261 269 STPDA 204	1074	1074	1074	1074	1074							
ORANGE	CHAPEL HILL TRANSIT	TG-4732	ROUTINE CAPITAL: SIGNS, BENCHES, SHELTERS, SPARE PARTS, FAREBOX REPLACEMENT, SHOP & OFFICE EQUIPMENT, ETC.	771	70	FUZ 32 432 56 L 59 108 14												
ORANGE	CHAPEL HILL TRANSIT	TG-4732C	SERVICE VEHICLES FLEET: SUPERVISOR, TOW, SUPPORT	436	240	FUZ 157 L 39												
ORANGE	CHAPEL HILL TRANSIT	TG-5120S	SAFETY & SECURITY	1617	262	FUZ 79 59 45 36 340	331	317	61	61	26							
ORANGE	CHAPEL HILL TRANSIT	TO-5133	OPERATING ASSISTANCE	39270	3570	STAT 3570 3570 3570 3570 3570	3570	3570	3570	3570	3570							
ORANGE	CHAPEL HILL TRANSIT	TT-5109	TECHNOLOGY: FCC RADIO UPGRADE	1656		L 331 STPDA 1325												
MECKLENBURG	CHARLOTTE AREA TRANSIT	TA-4710	EXPANSION BUS	43750	14389	CMAQ 460 460 FUZ 6566 6885 L 3236 10368 STAT 678 708												
MECKLENBURG	CHARLOTTE AREA TRANSIT	TA-4785	REPLACEMENT BUS - (C-5106)	5000	1000	CMAQ 800 800 800 800 L 100 100 100 100 STAT 100 100 100 100												
MECKLENBURG	CHARLOTTE AREA TRANSIT	TA-5121	REPLACEMENT BUS	112372	13929	FUZ 6566 6885 9335 L 3236 10368 1166 STAT 678 708 1166	9335	9335	9335	9335	9335							
MECKLENBURG	CHARLOTTE AREA TRANSIT	TC-4701	JOB ACCESS / REVERSE COMMUTE: CAPITAL, PLANNING, OPERATING COST	7920	720	JARC 360 360 360 360 360 L 360 360 360 360 360	360	360	360	360	360							
MECKLENBURG	CHARLOTTE AREA TRANSIT	TD-4702	FACILITY: TRANSIT CENTER IMPROVEMENTS	10000	2900	FUZ 1680 2320 1680 L 210 290 210 STAT 210 290 210												
MECKLENBURG	CHARLOTTE AREA TRANSIT	TD-4703	FACILITY: MAINTENANCE N. DAVIDSON ST.	8500	8500													
MECKLENBURG	CHARLOTTE AREA TRANSIT	TD-4704	FACILITY: PARK & RIDE	14700	3300	CMAQ 1600 2600 FUZ 400 2000 L 550 2475 950 STAT 250 325 250												
MECKLENBURG	CHARLOTTE AREA TRANSIT	TE-4901	FIXED: NE CORRIDOR TRANSITWAY - PLANS, DESIGN, ACQUISITION, CONSTRUCTION	1710000	36000	FNS 32000 70000 130000 95000 85000 L 16000 35000 65000 47500 42500 STAT 16000 35000 65000 47500 42500	85000	85000	85000	85000	85000							

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						FUNDS	5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM															
							FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020											
MECKLENBURG	CHARLOTTE AREA TRANSIT	TE-5103	FIXED: CHARLOTTE STREETCAR - PLANS, DESIGN, ACQUISITION, CONSTRUCTION	127400		L			6500		27750		26750		2700												
						STAT			6500		27750		26750		2700												
MECKLENBURG	CHARLOTTE AREA TRANSIT	TG-5101S	SAFETY & SECURITY	11940	2121	FUZ		1210		1505		2097		1662		1354		394		450		403		407		337	
MECKLENBURG	CHARLOTTE AREA TRANSIT	TN-4701	NEW FREEDOM - BEYOND AM. DISABILITY ACT REQUIREMENTS	3807	288	FNF		244		254		270		280		294		294		294		294		294		294	
						L		61		64		68		70		74		74		74		74		74		74	
MECKLENBURG	CHARLOTTE AREA TRANSIT	TO-4796	OPERATING ASSISTANCE - DOWNTOWN SHUTTLE (C-5107)	1300	1300																						
MECKLENBURG	CHARLOTTE AREA TRANSIT	TO-5137	OPERATING ASSISTANCE	138072	12552	STAT		12552		12552		12552		12552		12552		12552		12552		12552		12552		12552	
MECKLENBURG	CHARLOTTE AREA TRANSIT	TT-4906	TECHNOLOGY: BUS LOCATION, ON-BOARD COMPUTERS, COMPUTER SOFTWARE & HARDWARE	38750	2500	FUZ		2000		3000		3000		3000		3000		3000		3000		3000		3000		3000	
						L		250		375		375		375		375		375		375		375		375		375	
						STAT		250		375		375		375		375		375		375		375		375		375	
MECKLENBURG	CHARLOTTE AREA TRANSIT	TW-4901	FIXED GUIDEWAY MODERNIZATION	7400	500	FMOD		350		600		650		800		300		350		600		650		800			
						L		100		100		100		100		100		100		100		100		100			
						STAT		100		100		100		100		100		100		100		100		100			
MECKLENBURG	CHARLOTTE AREA TRANSIT	TW-5102	FIXED GUIDEWAY MODERNIZATION - BRIDGE PROGRAM - INSPECTION & EMERGENCY REPAIRS	7000	500	FMOD		350		600		650		800		300		350		600		650		800			
						L		44		75		81		100		100		44		75		81		100			
						STAT		44		75		81		100		100		44		75		81		100			
MECKLENBURG	CHARLOTTE AREA TRANSIT	TW-5104	FIXED GUIDEWAY MODERNIZATION - BUS AND RAIL STATE OF GOOD REPAIR	7000	500	FMOD		350		600		650		800				300		350		600		650		800	
						L		44		75		81		100				100		44		75		81		100	
						STAT		44		75		81		100				100		44		75		81		100	
DURHAM	DURHAM/DATA	TA-4923	REPLACEMENT BUS - HYBRID	32502	4800	FUZ		3840		3840		3840		3840		1133		1133		1133		1133		1133		1133	
						L		480		480		480		480		142		142		142		142		142		142	
						STAT		480		480		480		480		142		142		142		142		142		142	
DURHAM	DURHAM/DATA	TA-5019	REPLACEMENT: PARATRANSIT VANS	841		CMAQ						583															
						FUZ		90																			
						L		11				146															
						STAT		11																			
DURHAM	DURHAM/DATA	TG-4738	ROUTINE CAPITAL: PREVENTIVE MAINTENANCE, SPARE PARTS, EQUIPMENT, PASSENGER AMENITIES, SERVICE VEHICLES	36864	3763	FUZ		2535		2582		2670		2670		2670		2670		2670		2670		2670		2670	
						L		634		646		668		668		668		668		668		668		668		668	
DURHAM	DURHAM/DATA	TG-4738A	PREVENTIVE MAINTENANCE: FIXED ROUTE	28749	3035	FUZ		2535		2535		2582		2670		2535		2535		2535		2535		2582		2670	
DURHAM	DURHAM/DATA	TG-4738B	PREVENTIVE MAINTENANCE - PARATRANSIT	500	500																						
DURHAM	DURHAM/DATA	TG-5115S	SAFETY & SECURITY	2209	242	FUZ		233		232		330		235		192		156		147		147		147		148	

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							5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM									
							FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020					
DURHAM ORANGE	DURHAM/DATA	TN-5102	NEW FREEDOM - BEYOND AM. DISABILITY ACT REQUIREMENTS	1386	126	FNF L	63	63	63	63	63	63	63	63	63	63	63	63			
DURHAM	DURHAM/DATA	TO-5130	OPERATING ASSISTANCE	2438		CMAQ L			951	999											
CUMBERLAND	FAYETTEVILLE TRANSIT	TA-4948	REPLACEMENT BUS	5742	5742																
CUMBERLAND	FAYETTEVILLE TRANSIT	TD-4708	FACILITY: INTERMODAL CENTER: NEW DESIGN, ACQUISITION, CONSTRUCTION	1400	1400																
CUMBERLAND	FAYETTEVILLE TRANSIT	TG-5119S	SAFETY & SECURITY	340	84	FUZ		219													
CUMBERLAND	FAYETTEVILLE TRANSIT	TM-5130	JOB ACCESS / REVERSE COMMUTE: CAPITAL, PLANNING, OPERATION COST	4488	408	JARC L	204	204	204	204	204	204	204	204	204	204	204	204			
CUMBERLAND	FAYETTEVILLE TRANSIT	TN-5101	NEW FREEDOM - BEYOND AM. DISABILITY ACT REQUIREMENTS	2134	194	FNF L	97	97	97	97	97	97	97	97	97	97	97	97			
CUMBERLAND	FAYETTEVILLE TRANSIT	TO-5132	OPERATING ASSISTANCE	5874	534	STAT	534	534	534	534	534	534	534	534	534	534	534	534			
CUMBERLAND	FAYETTEVILLE TRANSIT	TP-5103	PLANNING ASSISTANCE - 5303/04 FUNDS	736	66	FMPL L STAT	53	53	53	53	53	53	53	53	53	53	53	53	53		
GASTON	GASTONIA TRANSIT	TA-4926	EXPANSION BUS	1642	400	FUZ L STAT															
GASTON	GASTONIA TRANSIT	TD-5113	FACILITY: INTERMODAL CENTER: NEW DESIGN, ACQUISITION, CONSTRUCTION	21900	800	FBUS L STAT	3600	13280													
GASTON	GASTONIA TRANSIT	TG-5117	ROUTINE CAPITAL: SIGNS, BENCHES, SHELTERS, SPARE PARTS, FAREBOX REPLACEMENT, SHOP & OFFICE EQUIPMENT, ETC.	341	227	FUZ L															
GASTON	GASTONIA TRANSIT	TG-5126S	SAFETY & SECURITY	274	27	FUZ	36	133						5	5	5	5				
GASTON	GASTONIA TRANSIT	TO-5142	OPERATING ASSISTANCE	2937	267	STAT	267	267	267	267	267	267	267	267	267	267	267	267			
WAYNE	GATEWAY	TA-4762	REPLACEMENT BUS - 35'	1870	700	FUZ L STAT	966														
WAYNE	GATEWAY	TA-4908	EXPANSION BUS	325	325																
WAYNE	GATEWAY	TD-4712	FACILITY: INTERMODAL CENTER - UNION STATION	1704	1704																

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FISCAL YEARS

COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	STATE TRANSPORTATION IMPROVEMENT PROGRAM										UNFUNDED FUTURE YEARS			
						FUNDS	5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM							
							FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019		FY 2020		
ALAMANCE FORSYTH GUILFORD	PART - Burlington- Graha	TP-5108	PLANNING ASSISTANCE - 5303/04 FUNDS	265	25	FMPL	20	20	20	20	20	20	20	20	20	20			
						L	2	2	2	2	2	2	2	2	2	2			
						STAT	2	2	2	2	2	2	2	2	2	2			
CABARRUS	RIDER/CONCORD	TA-4961	REPLACEMENT BUS	3000		FUZ								600	600	600			
						L									75	75	75		
						STAT									75	75	75		
CABARRUS	RIDER/CONCORD	TG-5103	ROUTINE CAPITAL: SIGNS, BENCHES, SHELTERS, SPARE PARTS, FAREBOX REPLACEMENT, SHOP & OFFICE EQUIPMENT, ETC.	1180		L	28	28	28	28	28	28	28	28	28	28			
						STAT	90	90	90	90	90	90	90	90	90	90			
CABARRUS	RIDER/CONCORD	TG-5125S	SAFETY & SECURITY	118		FUZ	30	30						34	8	8	8		
CABARRUS	RIDER/CONCORD	TO-5138	OPERATING ASSISTANCE	23163	313	L	986	986	986	986	986	986	986	986	986	986			
						STAT	1299	1299	1299	1299	1299	1299	1299	1299	1299	1299			
ROWAN	SALISBURY	TO-5201	OPERATING ASSISTANCE	2486	226	STAT	226	226	226	226	226	226	226	226	226	226			
EDGECOMBE NASH	TAR RIVER TRANSIT	TA-4909	REPLACEMENT: PARATRANSIT VANS	159	53	FUZ								106					
EDGECOMBE NASH	TAR RIVER TRANSIT	TD-4718	FACILITY: REGIONAL TRANSFER / ADMIN.	2500	250	FUZ								2250					
EDGECOMBE NASH	TAR RIVER TRANSIT	TD-4910	FACILITY: TRANSIT STOPS IN COMM. AREAS	84	40	FUZ								36					
						L								4					
						STAT								4					
EDGECOMBE NASH	TAR RIVER TRANSIT	TG-4785A	ADA PARATRANSIT SERVICE	920		FUZ	74	74	74	74	74	74	74	74	74	74			
						L	18	18	18	18	18	18	18	18	18	18			
EDGECOMBE NASH	TAR RIVER TRANSIT	TG-4785B	PREVENTIVE MAINTENANCE: FIXED ROUTE	3490		FUZ	279	279	279	279	279	279	279	279	279	279			
						L	70	70	70	70	70	70	70	70	70	70			
EDGECOMBE NASH	TAR RIVER TRANSIT	TG-5112S	SAFETY & SECURITY	27	3	FUZ								24					
EDGECOMBE NASH	TAR RIVER TRANSIT	TO-5127	OPERATING ASSISTANCE	8354	844	FUZ	392	392	392	392	392	392	392	392	392	392			
						L	78	78	78	78	78	78	78	78	78				
						STAT	281	281	281	281	281	281	281	281	281				
WAKE	TRIANGLE TRANSIT	TA-4818	REPLACEMENT BUS: (11) OVER THE ROAD COACHES CAMPO FUNDED	5500	5500														
WAKE	TRIANGLE TRANSIT	TA-4818A	REPLACEMENT BUS	14620	1820	FUZ	1456	1456	1456	1456	1456	1456	1456	736	736	736	736		
						L	182	182	182	182	182	182	182	92	92	92			
						STAT	182	182	182	182	182	182	182	92	92	92			

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						FUNDS	5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM									
							FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019		FY 2020				
DURHAM ORANGE	TRIANGLE TRANSIT	TA-4818B	REPLACEMENT BUS	10722	1170	FUZ	936	936	936	936	650	650	650	650	650						
						L	117	117	117	117	81	81	81	81	81						
						STAT	117	117	117	117	81	81	81	81	81						
WAKE	TRIANGLE TRANSIT	TA-4994	REPLACEMENT BUS: PARATRANSIT (4) LIGHT TRANSIT VEHICLES - CAMPO FUNDED	220	220																
WAKE	TRIANGLE TRANSIT	TA-5123A	EXPANSION BUS	13800	1380	FUZ	1104	1104	1104	1104	920	920	920	920	920						
						L	138	138	138	138	115	115	115	115	115						
						STAT	138	138	138	138	115	115	115	115	115						
DURHAM ORANGE	TRIANGLE TRANSIT	TA-5123B	EXPANSION BUS	9570	1380	FUZ	728	728	728	728	606	606	606	606	608						
						L	91	91	91	91	76	76	76	76	76						
						STAT	91	91	91	91	76	76	76	76	76						
DURHAM ORANGE	TRIANGLE TRANSIT	TG-4821	ROUTINE CAPITAL: SIGNS, BENCHES, SHELTERS, SPARE PARTS, FAREBOX REPLACEMENT, SHOP & OFFICE EQUIPMENT, ETC.	11313	1313	FUZ	800	800	800	800	800	800	800	800	800						
						L	200	200	200	200	200	200	200	200	200						
WAKE	TRIANGLE TRANSIT	TG-5116S	SAFETY & SECURITY	1982	49	FUZ	198	30	30	30	297	272	269	269	269						
DURHAM ORANGE	TRIANGLE TRANSIT	TG-5123S	SAFETY & SECURITY	1982	49	FUZ	198	30	30	30	297	272	269	269	269						
WAKE	TRIANGLE TRANSIT	TM-5123A	JOB ACCESS / REVERSE COMMUTE: CAPITAL, PLANNING, OPERATING COST	3828	348	JARC	174	174	174	174	174	174	174	174	174						
						L	174	174	174	174	174	174	174	174	174						
DURHAM ORANGE CHATHAM	TRIANGLE TRANSIT VARIOUS	TM-5123B	JOB ACCESS / REVERSE COMMUTE: CAPITAL, PLANNING, OPERATING COST	3828	348	JARC	174	174	174	174	174	174	174	174	174						
						L	174	174	174	174	174	174	174	174	174						
WAKE	TRIANGLE TRANSIT	TM-5129A	NEW FREEDOM - BEYOND AM. DISABILITY ACT REQUIREMENTS	1716	156	FNF	78	78	78	78	78	78	78	78	78						
						L	78	78	78	78	78	78	78	78	78						
DURHAM ORANGE CHATHAM	TRIANGLE TRANSIT VARIOUS	TM-5129B	NEW FREEDOM - BEYOND AM. DISABILITY ACT REQUIREMENTS	1716	156	FNF	78	78	78	78	78	78	78	78	78						
						L	78	78	78	78	78	78	78	78	78						
WAKE	TRIANGLE TRANSIT	TO-5131	OPERATING ASSISTANCE	10736	976	STAT	976	976	976	976	976	976	976	976	976						
DURHAM ORANGE	TRIANGLE TRANSIT	TO-5135	OPERATING ASSISTANCE	10736	976	STAT	976	976	976	976	976	976	976	976	976						
WILSON	WILSON	TO-5202	OPERATING ASSISTANCE	2288	208	STAT	208	208	208	208	208	208	208	208	208						
FORSYTH	WINSTON SALEM - MPO	TP-5105	PLANNING ASSISTANCE - 5303/04 FUNDS	1133	103	FMPL	83	83	83	83	83	83	83	83	83						
						L	10	10	10	10	10	10	10	10	10						
						STAT	10	10	10	10	10	10	10	10	10						
FORSYTH	WINSTON SALEM TRANSIT	TA-4795	REPLACEMENT BUS - PARATRANSIT - LOW FLOOR	182	182																

FUNDING AMOUNTS TO BE UPDATED

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							5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM					
							FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	
WAKE	CARY/C-TRAN	TD-4918u	FACILITY: QUEUE JUMP LANES - DAVIS DRIVE.														
WAKE	CARY/C-TRAN	TD-5201u	FACILITY: MAINTENANCE & OPERATIONS														
WAKE	CARY/C-TRAN	TD-5209u	FACILITY: MAINTENANCE & OPERATIONS														
WAKE	CARY/C-TRAN	TD-5214u	FACILITY: MAINTENANCE & OPERATIONS														
WAKE	CARY/C-TRAN	TG-5213u	PREVENTIVE MAINTENANCE: PARATRANSIT														
WAKE	CARY/C-TRAN	TG-5214u	PREVENTIVE MAINTENANCE: FIXED ROUTE														
WAKE	CARY/C-TRAN	TG-5215u	SERVICE VEHICLES FLEET: SUPERVISOR, TOW, SUPPORT														
WAKE	CARY/C-TRAN	TO-5202u	OPERATING ASSISTANCE														
ORANGE	CHAPEL HILL TRANSIT	TA-4726Au	REPLACEMENT BUS	886	886	FED											
ORANGE	CHAPEL HILL TRANSIT	TA-4979Au	REPLACEMENT VANS - SAFE-RIDE	427	210	FED						31		31			
ORANGE	CHAPEL HILL TRANSIT	TA-4981u	REPLACEMENT: SEDANS/WAGONS/4X4	117	117	FED											
ORANGE	CHAPEL HILL TRANSIT	TA-4995u	EXPANSION BUS	3600	3600	FED											
ORANGE	CHAPEL HILL TRANSIT	TA-5114u	EXPANSION BUS - HILLSBOROUGH CIRCULATOR	198	198	FED											
ORANGE	CHAPEL HILL TRANSIT	TD-4710u	FACILITY: PARK & RIDE	3500	3500	FED											
ORANGE	CHAPEL HILL TRANSIT	TD-5204u	FACILITY: INTERMODAL CENTER - HILLSBOROUGH	150	150	FED											
ORANGE DURHAM	CHAPEL HILL TRANSIT TRIANGLE TRANSIT	TE-4706Au	FIXED GUIDEWAY: LIGHT RAIL SERVICE-DURHAM-CHAPEL HILL-RIGHT-OF-WAY	5600	5600	FED											
ORANGE DURHAM	CHAPEL HILL TRANSIT TRIANGLE TRANSIT	TE-4706Bu	FIXED GUIDEWAY: LIGHT RAIL - ALTERNATIVES ANALYSIS, PE & DESIGN - DURHAM-CHAPEL HILL														
ORANGE	CHAPEL HILL TRANSIT	TG-4732Du	SERVICE VEHICLES FLEET: SUPERVISOR, TOW, SUPPORT														
ORANGE	CHAPEL HILL TRANSIT	TG-5217u	PREVENTIVE MAINTENANCE: FIXED ROUTE														
ORANGE	CHAPEL HILL TRANSIT	TG-5218u	SECURITY AND SAFETY														
ORANGE	CHAPEL HILL TRANSIT	U-5119u	FIXED GUIDEWAYS: BUS RAPID TRANSIT OPERATIONAL IMPROVEMENTS	169626	626	FED		16900		16900		16900		16900		16900	
MECKLENBURG	CHARLOTTE AREA TRANSIT	TA-4710Au	REPLACEMENT BUS - DEBT SERVICE PAYMENT (C-4954)	65639	33539	FED		3210		3210		3210		3210		3210	
MECKLENBURG	CHARLOTTE AREA TRANSIT	TA-4711u	REPLACEMENT: PARATRANSIT FLEET	2500	2500	FED											

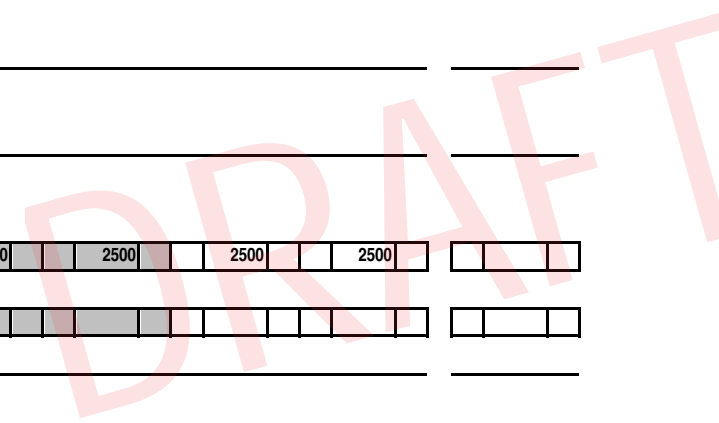
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COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION IMPROVEMENT PROGRAM										UNFUNDED FUTURE YEARS			
							5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM								
							FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020				
CABARRUS	CONCORD	TG-5221u	SERVICE VEHICLES FLEET: SUPERVISOR, TOW, SUPPORT																	
CABARRUS	CONCORD	TT-5203u	TECHNOLOGY: VEH. TRACKING, PASSENGER INFO, DATA COMMUNICATIONS, TRAFFIC SIGNAL PRIORITY																	
DURHAM	DURHAM/DATA	TA-4755u	EXPANSION BUS - HYBRID	25296	5296	FED		2000		2000		2000		2000		2000		2000		
DURHAM	DURHAM/DATA	TA-4923Au	REPLACEMENT BUS	5330		FED		533		533		533		533		533		533		
DURHAM	DURHAM/DATA	TA-4923Bu	REPLACEMENT BUS - HYBRID	4650		FED		465		465		465		465		465		465		
DURHAM	DURHAM/DATA	TA-5105u	REPLACEMENT BUS: PARATRANSIT VEH.																	
DURHAM	DURHAM/DATA	TA-5117u	REPLACEMENT BUS: PARATRANSIT VEH.																	
DURHAM	DURHAM/DATA	TD-4945u	FACILITY: PARK & RIDE																	
DURHAM	DURHAM/DATA	TE-5201u	FIXED GUIDEWAY: NCRR GRADE SEPARATIONS AND TRACK REALIGNMENTS IN DURHAM COUNTY	8034	8034	FED														
DURHAM	DURHAM/DATA	TG-5222u	SERVICE VEHICLES FLEET: SUPERVISOR, TOW, SUPPORT																	
DURHAM	DURHAM/DATA	TT-4911u	TECHNOLOGY: VEH. TRACKING, PASSENGER INFO, DATA COMMUNICATIONS, TRAFFIC SIGNAL PRIORITY																	
CUMBERLAND	FAYETTEVILLE TRANSIT	TA-4743u	REPLACEMENT VANPOOL VANS.																	
CUMBERLAND	FAYETTEVILLE TRANSIT	TA-4955u	EXPANSION - VANPOOLS VANS																	
CUMBERLAND	FAYETTEVILLE TRANSIT	TA-4990u	EXPANSION BUS																	
CUMBERLAND	FAYETTEVILLE TRANSIT	TA-4999u	EXPANSION BUS: SMALL																	
CUMBERLAND	FAYETTEVILLE TRANSIT	TD-4708u	FACILITY - INTERMODAL CENTER: NEW DESIGN, ACQUISITION, CONSTRUCTION	13700		FED				13700										
CUMBERLAND	FAYETTEVILLE TRANSIT	TG-5223u	SECURITY AND SAFETY																	
CUMBERLAND	FAYETTEVILLE TRANSIT	TG-5224u	SERVICE VEHICLES : SUPERVISOR, TOW, SUPPORT																	
CUMBERLAND	FAYETTEVILLE TRANSIT	TT-5204u	TECHNOLOGY: VEH. TRACKING, PASSENGER INFO, DATA COMMUNICATIONS, TRAFFIC SIGNAL PRIORITY																	
GASTON	GASTONIA TRANSIT	TA-5103u	REPLACEMENT BUS: 35' HYBRID ELECTRIC	25000		FED		2500		2500		2500		2500		2500		2500		
GASTON	GASTONIA TRANSIT	TA-5109u	REPLACEMENT BUS - HYBRID	1500	1500	FED														
GASTON	GASTONIA TRANSIT	TA-5111u	REPLACEMENT BUS: 35' HYBRID ELECTRIC																	

ALL SCHEDULES SUBJECT TO AVAILABILITY OF FUNDS



PUBLIC TRANSPORTATION PROGRAM
(Unfunded Urban)

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION IMPROVEMENT PROGRAM										UNFUNDED FUTURE YEARS					
							5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM										
							FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020						
WAKE	TRIANGLE TRANSIT	TA-4992Au	EXPANSION - VANPOOLS VANS	300	300	FED																
DURHAM ORANGE	TRIANGLE TRANSIT	TA-4992Bu	EXPANSION - VANPOOLS VANS	300	300	FED																
WAKE	TRIANGLE TRANSIT	TA-4993Au	EXPANSION - PARATRANSIT FLEET	121	121	FED																
DURHAM ORANGE	TRIANGLE TRANSIT	TA-4993Bu	EXPANSION - PARATRANSIT FLEET	121	121	FED																
WAKE	TRIANGLE TRANSIT	TA-4994Au	REPLACEMENT: PARATRANSIT FLEET	121	121	FED																
DURHAM ORANGE	TRIANGLE TRANSIT	TA-4994Bu	REPLACEMENT: PARATRANSIT FLEET	121	121	FED																
WAKE	TRIANGLE TRANSIT	TA-5107u	REPLACEMENT VANPOOL VANS.																			
DURHAM ORANGE	TRIANGLE TRANSIT	TA-5108u	REPLACEMENT VANPOOL VANS.																			
DURHAM ORANGE WAKE	TRIANGLE TRANSIT	TA-5123Bu	EXPANSION BUS	7464	910	FED		728		728		728		728		607		607		607		607
DURHAM ORANGE WAKE	TRIANGLE TRANSIT	TD-4941u	FACILITY: PARK & RIDE: NELSON ROAD EXPANSION	500	500	FED																
WAKE	TRIANGLE TRANSIT	TD-4944u	FACILITY: I-40 BUS BYPASS SHOULDER PROJECT.	40	40	FED																
DURHAM ORANGE WAKE	TRIANGLE TRANSIT	TE-4705Bu	FIXED: AIRPORT RAIL PROJECT-PLANNING/PE/DEIS																			
WAKE	TRIANGLE TRANSIT	TE-4903Au	FIXED GUIDEWAY: LIGHT RAIL SERVICE-RALEIGH-RTP-DURHAM DESIGN PHASE 1	1000	1000	FED																
DURHAM ORANGE	TRIANGLE TRANSIT	TE-4903Bu	FIXED GUIDEWAY: LIGHT RAIL SERVICE-RALEIGH-RTP-DURHAM DESIGN PHASE 1	1000	1000	FED																
DURHAM ORANGE	TRIANGLE TRANSIT	TE-4903Du	FIXED GUIDEWAY: TRIANGLE TRANSIT LIGHT RAIL SERVICE-RALEIGH-RTP-DURHAM																			
WAKE	TRIANGLE TRANSIT	TE-4903Eu	FIXED GUIDEWAY: TRIANGLE TRANSIT LIGHT RAIL SERVICE-RALEIGH-RTP-DURHAM																			
DURHAM ORANGE WAKE	TRIANGLE TRANSIT	TG-5246u	SERVICE VEHICLES FLEET: SUPERVISOR, TOW, SUPPORT																			

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PUBLIC TRANSPORTATION PROGRAM
(Unfunded Urban)

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION IMPROVEMENT PROGRAM										UNFUNDED FUTURE YEARS		
							5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM							
							FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020			
DURHAM ORANGE WAKE	TRIANGLE TRANSIT	TG-5247u	PREVENTIVE MAINTENANCE: FIXED ROUTE																
DURHAM ORANGE WAKE	TRIANGLE TRANSIT	TG-5248u	PREVENTIVE MAINTENANCE: PARATRANSIT																
FORSYTH	WINSTON SALEM TRANSIT	TA-4795Au	REPLACEMENT BUS: SMALL BUS (8)	13700		FED				13700									
FORSYTH	WINSTON SALEM TRANSIT	TA-4795Bu	REPLACEMENT BUS SMALL	592	592	FED													
FORSYTH	WINSTON SALEM TRANSIT	TA-4931u	REPLACEMENT BUS	23680	23680	FED													
FORSYTH	WINSTON SALEM TRANSIT	TD-4734Bu	FACILITY: INTERMODAL STATION	5917		FED		891		1835		1031		974		1186			
FORSYTH	WINSTON SALEM TRANSIT	TG-5249u	SERVICE VEHICLES FLEET: SUPERVISOR, TOW, SUPPORT	19105		FED				6118		6301				6686			
FORSYTH	WINSTON SALEM TRANSIT	TG-5250u	PREVENTIVE MAINTENANCE: FIXED ROUTE	774		FED								581		193			
FORSYTH	WINSTON SALEM TRANSIT	TT-5211u	TECHNOLOGY: VEH. TRACKING, PASSENGER INFO, DATA COMMUNICATIONS, TRAFFIC SIGNAL PRIORITY	674		FED				674									
ALEXANDER BURKE CALDWELL CATAWBA	WPRTA	TA-5101u	REPLACEMENT BUS	7500		FED		7500											
ALEXANDER BURKE CALDWELL CATAWBA	WPRTA	TA-5104u	EXPANSION BUS	2108		FED		2108											
ALEXANDER BURKE CALDWELL CATAWBA	WPRTA	TA-5110u	EXPANSION BUS																
ALEXANDER BURKE CALDWELL CATAWBA	WPRTA	TG-5251u	SECURITY AND SAFETY	1000		FED		1000											

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PUBLIC TRANSPORTATION PROGRAM
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TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION IMPROVEMENT PROGRAM										UNFUNDED FUTURE YEARS	
							5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM						
							FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020		
ALEXANDER BURKE CALDWELL CATAWBA	WPRTA	TG-5253u	SERVICE VEHICLES FLEET: SUPERVISOR, TOW, SUPPORT															
ALEXANDER BURKE CALDWELL CATAWBA	WPRTA	TT-5107u	TECHNOLOGY: VEH. TRACKING, PASSENGER INFO, DATA COMMUNICATIONS, TRAFFIC SIGNAL PRIORITY															
DURHAM ORANGE	TRIANGLE TRANSIT	TD-4944Bu	FACILITY: I-40 BUS BYPASS SHOULDER PROJECT.	40	40	FED												

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PUBLIC TRANSPORTATION PROGRAM
(ROAP)

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION IMPROVEMENT PROGRAM										UNFUNDED FUTURE YEARS		
							5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM							
							FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020			
CLEVELAND GASTON IREDELL LINCOLN		TJ-5109	OPS FOR EMPLOYMENT TRANSPORTATION	1727	157	OAWP	157	157	157	157	157	157	157	157	157	157			
BUNCOMBE, HAYWOOD MADISON TRANSYLVANNIA		TJ-5110	OPS FOR EMPLOYMENT TRANSPORTATION	946	86	OAWP	86	86	86	86	86	86	86	86	86	86			
HOKE RICHMOND ROBESON SCOTLAND		TJ-5111	OPS FOR EMPLOYMENT TRANSPORTATION	1782	162	OAWP	162	162	162	162	162	162	162	162	162	162			
BLADEN CUMBERLAND HARNETT SAMPSON		TJ-5112	OPS FOR EMPLOYMENT TRANSPORTATION	1903	173	OAWP	173	173	173	173	173	173	173	173	173	173			
BRUNSWICK COLUMBUS PENDER		TJ-5113	OPS FOR EMPLOYMENT TRANSPORTATION	1309	119	OAWP	119	119	119	119	119	119	119	119	119	119			
DUPLIN GREENE LENOIR WAYNE		TJ-5114	OPS FOR EMPLOYMENT TRANSPORTATION	924	84	OAWP	84	84	84	84	84	84	84	84	84	84			
MCDOWELL POLK RUTHERFORD		TJ-5115	OPS FOR EMPLOYMENT TRANSPORTATION	550	50	OAWP	50	50	50	50	50	50	50	50	50	50			
CHATHAM LEE MOORE ORANGE		TJ-5116	OPS FOR EMPLOYMENT TRANSPORTATION	880	80	OAWP	80	80	80	80	80	80	80	80	80	80			
CHEROKEE CLAY GRAHAM JACKSON MACON SWAIN		TJ-5117	OPS FOR EMPLOYMENT TRANSPORTATION	473	43	OAWP	43	43	43	43	43	43	43	43	43	43			

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PUBLIC TRANSPORTATION PROGRAM
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TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION IMPROVEMENT PROGRAM										UNFUNDED FUTURE YEARS		
							5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM							
							FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020			
DAVIE STOKES SURRY YADKIN		TJ-5118	OPS FOR EMPLOYMENT TRANSPORTATION	715	65	OAWP	65	65	65	65	65	65	65	65	65	65			
DURHAM WAKE		TJ-5119	OPS FOR EMPLOYMENT TRANSPORTATION	1617	147	OAWP	147	147	147	147	147	147	147	147	147	147			
FRANKLIN GRANVILLE PERSON VANCE WARREN		TJ-5120	OPS FOR EMPLOYMENT TRANSPORTATION	847	77	OAWP	77	77	77	77	77	77	77	77	77	77			
EDGECOMBE JOHNSTON NASH WILSON		TJ-5121	OPS FOR EMPLOYMENT TRANSPORTATION	1243	113	OAWP	113	113	113	113	113	113	113	113	113	113			
CABARRUS ROWAN		TJ-5122	OPS FOR EMPLOYMENT TRANSPORTATION	594	54	OAWP	54	54	54	54	54	54	54	54	54	54			
CHEROKEE		TJ-5123	OPS FOR EMPLOYMENT TRANSPORTATION																
HENDERSON		TJ-5124	OPS FOR EMPLOYMENT TRANSPORTATION	374	34	OAWP	34	34	34	34	34	34	34	34	34	34			
GUILFORD		TJ-5125	OPS FOR EMPLOYMENT TRANSPORTATION	1287	117	OAWP	117	117	117	117	117	117	117	117	117	117			
MECKLENBURG		TJ-5126	OPS FOR EMPLOYMENT TRANSPORTATION	2618	238	OAWP	238	238	238	238	238	238	238	238	238	238			
NEW HANOVER		TJ-5127	OPS FOR EMPLOYMENT TRANSPORTATION	440	40	OAWP	40	40	40	40	40	40	40	40	40	40			
FORSYTH		TJ-5128	OPS FOR EMPLOYMENT TRANSPORTATION	803	73	OAWP	73	73	73	73	73	73	73	73	73	73			
ALAMANCE		TJ-5129	OPS FOR EMPLOYMENT TRANSPORTATION	561	51	OAWP	51	51	51	51	51	51	51	51	51	51			
CAMDEN CHOWAN CURRITUCK DARE GATES HYDE PASQUOTANK PERQUIMANS TYRRELL WASHINGTON		TL-5101	OPS FOR ELDERLY AND DISABLED TRANSPORTATION SERVICES.	6017	547	EDTAP	547	547	547	547	547	547	547	547	547	547			

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PUBLIC TRANSPORTATION PROGRAM (ROAP)

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION IMPROVEMENT PROGRAM										UNFUNDED	
							5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM					FUTURE YEARS	
							FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020		
HOKE RICHMOND ROBESON SCOTLAND		TL-5111	OPS FOR ELDERLY AND DISABLED TRANSPORTATION SERVICES.	3839	349	EDTAP	349	349	349	349	349	349	349	349	349			
BLADEN CUMBERLAND HARNETT SAMPSON		TL-5112	OPS FOR ELDERLY AND DISABLED TRANSPORTATION SERVICES.	4884	444	EDTAP	444	444	444	444	444	444	444	444	444			
BRUNSWICK COLUMBUS PENDER		TL-5113	OPS FOR ELDERLY AND DISABLED TRANSPORTATION SERVICES.	3927	357	EDTAP	357	357	357	357	357	357	357	357	357			
DUPLIN GREENE LENOIR WAYNE		TL-5114	OPS FOR ELDERLY AND DISABLED TRANSPORTATION SERVICES.	3762	342	EDTAP	342	342	342	342	342	342	342	342	342			
MCDOWELL POLK RUTHERFORD		TL-5115	OPS FOR ELDERLY AND DISABLED TRANSPORTATION SERVICES.	2563	233	EDTAP	233	233	233	233	233	233	233	233	233			
CHATHAM LEE MOORE ORANGE		TL-5116	OPS FOR ELDERLY AND DISABLED TRANSPORTATION SERVICES.	3938	358	EDTAP	358	358	358	358	358	358	358	358	358			
CHEROKEE CLAY GRAHAM JACKSON MACON SWAIN		TL-5117	OPS FOR ELDERLY AND DISABLED TRANSPORTATION SERVICES.	4356	396	EDTAP	396	396	396	396	396	396	396	396	396			
DAVIE STOKES SURRY YADKIN		TL-5118	OPS FOR ELDERLY AND DISABLED TRANSPORTATION SERVICES.	3498	318	EDTAP	318	318	318	318	318	318	318	318	318			
DURHAM WAKE		TL-5119	OPS FOR ELDERLY AND DISABLED TRANSPORTATION SERVICES.	5412	492	EDTAP	492	492	492	492	492	492	492	492	492			
FRANKLIN GRANVILLE PERSON VANCE WARREN		TL-5120	OPS FOR ELDERLY AND DISABLED TRANSPORTATION SERVICES.	4136	376	EDTAP	376	376	376	376	376	376	376	376	376			

ALL SCHEDULES SUBJECT TO AVAILABILITY OF FUNDS

PUBLIC TRANSPORTATION PROGRAM
(ROAP)

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION IMPROVEMENT PROGRAM										UNFUNDED FUTURE YEARS	
							5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM						
							FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020		
BRUNSWICK COLUMBUS PENDER		TR-5113	OPS FOR GENERAL PUBLIC IN RURAL AREAS	4752	432	L	39	39	39	39	39	39	39	39	39			
						RGP	393	393	393	393	393	393	393	393	393	393		
DUPLIN GREENE LENOIR WAYNE		TR-5114	OPS FOR GENERAL PUBLIC IN RURAL AREAS	4400	400	L	36	36	36	36	36	36	36	36	36			
						RGP	364	364	364	364	364	364	364	364	364	364		
MCDOWELL POLK RUTHERFORD		TR-5115	OPS FOR GENERAL PUBLIC IN RURAL AREAS	1980	180	L	16	16	16	16	16	16	16	16	16			
						RGP	164	164	164	164	164	164	164	164	164	164		
CHATHAM LEE MOORE ORANGE		TR-5116	OPS FOR GENERAL PUBLIC IN RURAL AREAS	4840	440	L	40	40	40	40	40	40	40	40	40			
						RGP	400	400	400	400	400	400	400	400	400	400		
CHEROKEE CLAY GRAHAM JACKSON MACON SWAIN		TR-5117	OPS FOR GENERAL PUBLIC IN RURAL AREAS	4741	431	L	39	39	39	39	39	39	39	39	39			
						RGP	392	392	392	392	392	392	392	392	392	392		
DAVIE STOKES SURRY YADKIN		TR-5118	OPS FOR GENERAL PUBLIC IN RURAL AREAS	4290	390	L	35	35	35	35	35	35	35	35	35			
						RGP	355	355	355	355	355	355	355	355	355	355		
DURHAM WAKE		TR-5119	OPS FOR GENERAL PUBLIC IN RURAL AREAS	4686	426	L	39	39	39	39	39	39	39	39	39			
						RGP	387	387	387	387	387	387	387	387	387	387		
FRANKLIN GRANVILLE PERSON VANCE WARREN		TR-5120	OPS FOR GENERAL PUBLIC IN RURAL AREAS	5038	458	L	42	42	42	42	42	42	42	42	42			
						RGP	416	416	416	416	416	416	416	416	416	416		
EDGECOMBE JOHNSTON NASH WILSON		TR-5121	OPS FOR GENERAL PUBLIC IN RURAL AREAS	5522	502	L	46	46	46	46	46	46	46	46	46			
						RGP	456	456	456	456	456	456	456	456	456	456		
CABARRUS ROWAN		TR-5122	OPS FOR GENERAL PUBLIC IN RURAL AREAS	3091	281	L	26	26	26	26	26	26	26	26	26			
						RGP	255	255	255	255	255	255	255	255	255	255		
CHEROKEE		TR-5123	OPS FOR GENERAL PUBLIC IN RURAL AREAS	682	62	L	6	6	6	6	6	6	6	6	6			
						RGP	56	56	56	56	56	56	56	56	56	56		

ALL SCHEDULES SUBJECT TO AVAILABILITY OF FUNDS

PUBLIC TRANSPORTATION PROGRAM
(Statewide)

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	STATE TRANSPORTATION IMPROVEMENT PROGRAM										UNFUNDED FUTURE YEARS			
						FUNDS	5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM							
							FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019		FY 2020		
STATEWIDE		TI-9701	INTERCITY BUS SERVICE	87700	7800	FNU	2950	3000	3500	3500	4000	4000	4500	4500	5000	5000			
						L	2950	3000	3500	3500	4000	4000	4500	4500	5000	5000			
STATEWIDE		TK-9701A	RECOVERY ACT FUNDED CAPITAL ASSISTANCE FOR RURAL AREA GENERAL PUBLIC TRANSIT SERVICES	25147	25147														
STATEWIDE		TK-9701B	RECOVERY ACT FUNDED STATE ADMINISTRATION AND OVERSIGHT FOR RURAL AREA GENERAL PUBLIC TRANSIT SERVICES	2925	2925														
STATEWIDE		TK-9702	CAPITAL ASSISTANCE FOR RURAL AREA GENERAL PUBLIC TRANSIT SERVICES	81574	6940	FNU	4800	5500	5200	5250	5300	5400	6000	6000	6000	6000	6000		
						L	600	668	650	656	663	675	750	750	750	750	750		
						STCP	1062	1217	1151	1162	1173	1195	1328	1328	1328	1328	1328		
STATEWIDE		TK-9703	PROJECT ADMINISTRATION, NCDOT ADMINISTRATION OVERSIGHT, AND PLANNING ASSISTANCE FOR RURAL AREA GENERAL PUBLIC TRANSIT SERVICES	240923	18875	FNU	15000	15500	16000	16500	17000	17000	17000	17000	17000	17000	17000		
						L	2812	1938	2000	2062	2125	2125	2125	2125	2125	2125	2125		
						STAT	2300	3429	3540	3651	3761	3761	3761	3761	3761	3761	3761		
STATEWIDE		TK-9704A	CAPITAL, OPERATING ASSISTANCE AND PROGRAM ADMINISTRATOR FOR ELDERLY AND DISABLED PERSONS TRANSIT SERVICE	52116	3115	FEPD	6500	3200	3400	3600	3800	4000	4200	4400	4600	4800			
						L	102	50	53	56	59	62	66	69	72	600			
						STAT	812	400	425	450	475	500	525	550	575	600			
STATEWIDE		TK-9704B	OPERATING ASSISTANCE AND PROGRAM ADMINISTRATOR FOR ELDERLY AND DISABLED PERSONS TRANSIT SERVICE	840	542	L	13	6	7	7	7	8	8	9	9	75			
						STAT	13	6	7	7	7	8	8	9	9	75			
STATEWIDE		TL-9701	OPERATING ASSISTANCE FOR RURAL ARE GENERAL PUBLIC TRANSIT SERVICES	60956	4270	FNU	1092	1196	1256	1319	1385	1454	1526	1526	1526	1526			
						L	3392	3714	3900	4095	4300	4515	4741	4741	4741	4741			
STATEWIDE		TM-9701	CAPITAL, OPERATING ASSISTANCE AND PROGRAM ADMINISTRATOR FOR DISABLED PERSONS' TRANSIT SERVICES	28468	1605	FNF	3100	1650	1733	1819	1910	2006	2106	2211	2322	2438			
						L	880	206	217	227	239	251	263	276	290	305			
						STAT	140	206	217	227	239	251	263	276	290	305			
STATEWIDE		TM-9702	CAPITAL, OPERATING ASSISTANCE AND PROGRAM ADMINISTRATOR FOR EMPLOYMENT TRANSIT SERVICES	43455	1419	JARC	5024	2500	2625	2756	2894	3039	3191	3350	3518	3694			
						L	1291	622	653	686	720	756	794	833	875	919			
						STAT	205	99	104	109	115	120	126	133	139	146			
STATEWIDE		TP-5200	PLANNING AND SUPPORT ACTIVITIES	4923	373	FMPL	364	364	364	364	364	364	364	364	364	364			
						STAT	91	91	91	91	91	91	91	91	91	91			
STATEWIDE		TT-9702	TECHNOLOGY PROJECTS IN URBAN AREAS	10828	1244	L	147	100	89	89	89	89	89	89	89	89			
						UTCH	1325	900	800	800	800	800	800	800	800	800			

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Section 4 – Statewide TIP (*Other*)

The Statewide TIP includes all projects in the FY 2012-2018 State TIP that are statewide in scope. Since a portion of these various projects may occur within the DCHC MPO, these projects must be listed in the MTIP. The Statewide TIP is listed on the following pages.

An explanation of the table format and keys for the funding sources and work types can be found at the beginning of the Local Supplement of the STIP, which is in a previous section of this document.

STATEWIDE PROJECTS

FISCAL YEARS: TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	STATE TRANSPORTATION IMPROVEMENT PROGRAM										UNFUNDED FUTURE YEARS
							5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM					
							FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	
INTERSTATE PROJECTS																	
STATEWIDE	I-95	M-0412	CORRIDORS OF THE FUTURE PROGRAM. INTERSTATE MAINTENANCE DISCRETIONARY FUNDS (IMD) FOR IMPROVEMENTS TO I-95 FROM FLORIDA TO VIRGINIA. NORTH CAROLINA TO PROVIDE FUNDS TO ADJOINING STATES UNDER TERMS OF AN AGREEMENT.		16800	16800											
IN PROGRESS																	
STATEWIDE	VARIOUS	I-9999	IM BALANCE.	0.0													
STATEWIDE	VARIOUS	I-9998	INTERSTATE PREVENTATIVE MAINTENANCE.														
RURAL PROJECTS																	
STATEWIDE	VARIOUS	M-0405	STATEWIDE MOWING MAINTENANCE CONTRACTS FOR PROPERTIES ACQUIRED BY NCDOT IN ADVANCE OF STIP PROJECTS.		1372	372	S	N	100	N	100	N	100	N	100	N	100
IN PROGRESS																	
STATEWIDE	VARIOUS	M-0281	CENTER FOR TRANSPORTATION AND THE ENVIRONMENT	0.0	1500	1500											
IN PROGRESS																	
STATEWIDE	VARIOUS	M-0360	DESIGN SERVICES, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.		15980	5980	S	PE	1000	PE	1000	PE	1000	PE	1000	PE	1000
IN PROGRESS																	
STATEWIDE	VARIOUS	M-0376	STATEWIDE GEOTECHNICAL STUDIES AND INVESTIGATIONS PROJECT TO COVER NON-PROJECT SPECIFIC WORK.		14900	5900	S	PE	900	PE	900	PE	900	PE	900	PE	900
IN PROGRESS																	
STATEWIDE	VARIOUS	M-0377	ENVIRONMENTAL STREAMLINING. COORDINATE, PLAN, FACILITATE, IMPLEMENT AND TRACK INITIATIVES.		3000	3000											
IN PROGRESS																	
STATEWIDE	VARIOUS	M-0391	STRUCTURE DESIGN, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS		6978	2978	S	PE	400	PE	400	PE	400	PE	400	PE	400
IN PROGRESS																	
STATEWIDE	VARIOUS	M-0392	HYDRAULICS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.		2800	1200	S	PE	160	PE	160	PE	160	PE	160	PE	160
IN PROGRESS																	
STATEWIDE	VARIOUS	R-4701	TRAFFIC SYSTEM OPERATIONS PROGRAM (SIGNAL MAINTENANCE).		375230	175230	STP	C	20000	C	20000	C	20000	C	20000	C	20000
IN PROGRESS																	

* INDICATES INTRASTATE PROJECT

STATEWIDE PROJECTS

FISCAL YEARS: TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	STATE TRANSPORTATION IMPROVEMENT PROGRAM										UNFUNDED FUTURE YEARS		
							5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM							
							FUNDS	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020		
RURAL PROJECTS																			
STATEWIDE	VARIOUS	R-4500	ECONOMIC DEVELOPMENT.		10000		S	C	5000	C	5000								
IN PROGRESS																			
STATEWIDE	VARIOUS	R-2929	NATIONAL PARKS SERVICE SPOT SAFETY AND SIGN REHABILITATION.	0.0	1000		FLPP	C	100	C	100	C	100	C	100	C	100	C	100
UNDER CONSTRUCTION BY FEDERAL HIGHWAY ADMINISTRATION																			
STATEWIDE	VARIOUS	R-4436	NPDES PERMIT, RETROFIT FOURTEEN SITES PER YEAR TO PROTECT WATER QUALITY.		41878	16878	STP	N	2500	N	2500	N	2500	N	2500	N	2500	N	2500
IN PROGRESS																			
STATEWIDE	VARIOUS	R-4067	POSITIVE GUIDANCE PROGRAM (PAVEMENT MARKINGS AND MARKERS, LED SIGNAL HEAD REPLACEMENT)		103412	63412	STP	C	4000	C	4000	C	4000	C	4000	C	4000	C	4000
IN PROGRESS																			
STATEWIDE	VARIOUS	R-4066	WETLAND RESTORATION PROGRAM. COMPLETION OF WATERSHED ASSESSMENT PLANS IN ALL SEVENTEEN (17) RIVER BASINS TO IDENTIFY WETLAND AND STREAM RESTORATION PROJECTS FOR MITIGATION.		17500	17500													
IN PROGRESS																			
STATEWIDE	VARIOUS	R-8888	STATEWIDE PLANNING FOR TRAFFIC FORECASTING, PRE-TIP PLANNING AND PURPOSE AND NEED STUDIES.		1494	494	S	F	100	F	100	F	100	F	100	F	100	F	100
IN PROGRESS																			
STATEWIDE	VARIOUS	R-2930	NATIONAL PARKS SERVICE EMERGENCY PAVEMENT REHABILITATION.	0.0	700		FLPP	C	70	C	70	C	70	C	70	C	70	C	70
UNDER CONSTRUCTION BY FEDERAL HIGHWAY ADMINISTRATION																			
STATEWIDE	VARIOUS	R-4454	IMPROVEMENT PROJECTS THAT FURTHER ECONOMIC GROWTH AND DEVELOPMENT IN SMALL URBAN AND RURAL AREAS.		47000	47000													
IN PROGRESS																			
STATEWIDE	VARIOUS	R-4049	TRAFFIC OPERATIONS (INCIDENT MANAGEMENT, 511, SMARTLINK, TEC, TMC)	0.0	230792	100792	IM	C	9750	C	9750	C	9750	C	9750	C	9750	C	9750
							NHS	C	3250	C	3250	C	3250	C	3250	C	3250	C	3250
IN PROGRESS																			
STATEWIDE	VARIOUS	R-4073	ASPHALT MATERIALS TESTING LABORATORIES CORRECTIVE ACTION PLAN FOR GROUNDWATER CLEAN-UP AT 54 SITES.		22632	12632	STP	C	1000	C	1000	C	1000	C	1000	C	1000	C	1000
IN PROGRESS																			

* INDICATES INTRASTATE PROJECT

STATEWIDE PROJECTS

FISCAL YEARS: TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	STATE TRANSPORTATION IMPROVEMENT PROGRAM										UNFUNDED															
							5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM						FUTURE YEARS														
							FUNDS	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020															
RURAL PROJECTS																																
STATEWIDE	VARIOUS	R-9999WM	ENVIRONMENTAL MITIGATION AND MINIMIZATION.		178681	61631		NHS	M	50	M	1500	M	1500	M	1500	M	8500	M	7000	M	4000	M	11000	M	12000	M	11500				
								T				M	1500	M	1500	M	1500	M	8500	M	7000	M	4000	M	11000	M	12000	M	11500			
								IN PROGRESS																								
STATEWIDE		M-0359	PROGRAM DEVELOPMENT AND ENVIRONMENTAL ANALYSIS BRANCH. DEVELOP A PROCEDURES MANUAL.		300	300		IN PROGRESS																								
STATEWIDE		M-0428	ADVANCED VEHICLE RESEARCH CENTER (AVRC).		297	297		IN PROGRESS																								
URBAN PROJECTS																																
STATEWIDE	VARIOUS	U-4500	ECONOMIC DEVELOPMENT.		3667			S				C	3667																			
								IN PROGRESS																								
FEDERAL BRIDGE PROJECTS																																
STATEWIDE	VARIOUS	B-4693	STATEWIDE SURVEY OF HISTORICAL BRIDGES.		1000	1000		IN PROGRESS																								
STATEWIDE	VARIOUS	B-4700	BRIDGE PRESERVATION ISSUES AT SELECTED SITES.		129316	49316		FA	C	2500	C	2500	C	2500	C	2500	C	5000	C	5000	C	5000	C	5000	C	5000	C	5000				
								NFA	C	2500	C	2500	C	2500	C	2500	C	5000	C	5000	C	5000	C	5000	C	5000	C	5000				
								IN PROGRESS																								
STATEWIDE	VARIOUS	B-9999	BRIDGE INSPECTION PROGRAM.	0.0	238572	128572		BRGI	I	11000	I	11000	I	11000	I	11000	I	11000	I	11000	I	11000	I	11000	I	11000	I	11000				
								IN PROGRESS																								
STATEWIDE	VARIOUS	BK-5131	BRIDGE PRESERVATION AT SELECTED LOCATIONS.		1500	1500		UNDER CONSTRUCTION																								
STATEWIDE	VARIOUS	BK-5102	BRIDGE PAINTING AT 19 SELECTED LOCATIONS.		2027	2027		IN PROGRESS																								
STATEWIDE	VARIOUS	BK-5132	IN-DEPTH ENGINEERING EVALUATION OF WEIGHT RESTRICTIONS ON LOAD POSTED BRIDGES ON US AND NC DESIGNATED ROUTES.		1000	1000		IN PROGRESS																								
STATEWIDE	VARIOUS	BK-5101	DECK PRESERVATION AT 15 SELECTED LOCATIONS.		7747	7747		UNDER CONSTRUCTION																								
STATEWIDE	VARIOUS	BK-5100	ESTABLISH BRIDGE MANAGEMENT SYSTEM.		5000	5000		IN PROGRESS																								

STATEWIDE PROJECTS

FISCAL YEARS: TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	STATE TRANSPORTATION IMPROVEMENT PROGRAM										UNFUNDED											
							5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM						FUTURE YEARS										
							FUNDS	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020											
FEDERAL BRIDGE PROJECTS																												
STATEWIDE	VARIOUS	BR-5100	REHABILITATE BRIDGES AT SELECTED LOCATIONS.		150000		FA						C	25000	C	25000	C	25000	C	25000	C	25000						
SCHEDULED FOR PLANNING AND ENVIRONMENTAL STUDY ONLY																												
STATEWIDE	VARIOUS	M-0418	STORM WATER RUNOFF. RESEARCH, DESIGN, CONSTRUCT, MAINTAIN AND MONITOR STORM WATER DRAINAGE FROM 50 BRIDGES OVER WATERWAYS. (HB 2346, SECTION 25.18)		5860	5860																						
UNDER CONSTRUCTION																												
STATEWIDE	VARIOUS	M-0379	SCOUR EVALUATION PROGRAM OF EXISTING BRIDGES.		3100	3100																						
IN PROGRESS																												
BICYCLE AND PEDESTRIAN PROJECTS																												
STATEWIDE	VARIOUS	EB-5130	BICYCLE MAPS AND ROUTES. REVISE, UPDATE, REPRINT MAPS AND SIGN ROUTES.		600		STPEB	MP	5	A	MP	5	A	MP	5	A	MP	5	A	MP	5	A	MP	5	A			
A NORTH CAROLINA BICYCLE HIGHWAY MAPS. B LOCAL BICYCLE MAPS. C URBAN, REGIONAL AND COUNTY BICYCLE MAPS.																												
STATEWIDE	VARIOUS	EB-2956	STATEWIDE BICYCLE PROGRAM.	0.0	13645	8645	STPEB	C	500	C	500	C	500	C	500	C	500	C	500	C	500	C	500	C	500			
IN PROGRESS																												
STATEWIDE	VARIOUS	EB-2966	SAFETY-EDUCATION PROJECTS.	0.0	670	420	STPEB	B	25	B	25	B	25	B	25	B	25	B	25	B	25	B	25	B	25			
IN PROGRESS																												
STATEWIDE	VARIOUS	EB-4012	NORTH CAROLINA BICYCLING HIGHWAYS NO. 10 (SANDHILLS SECTOR): MAPPING AND SIGNING.	0.0																								
DELETED - WORK TO BE ACCOMPLISHED UNDER EB-3120																												
STATEWIDE	VARIOUS	EB-4013	SPOT IMPROVEMENTS: SHORT PAVEMENT SECTIONS, BICYCLE RACKS AND SIGNING NEEDS.	0.0	3830	2830	STPEB	C	100	C	100	C	100	C	100	C	100	C	100	C	100	C	100	C	100			
IN PROGRESS																												
STATEWIDE	VARIOUS	EB-4411	ROADWAY IMPROVEMENTS FOR BICYCLE SAFETY ON STATE AND LOCAL DESIGNATED BIKE ROUTES.		9880	7880	STPEB	C	200	C	200	C	200	C	200	C	200	C	200	C	200	C	200	C	200			
IN PROGRESS																												
STATEWIDE	VARIOUS	EB-3314	STATEWIDE PEDESTRIAN FACILITIES PROGRAM.	0.0	5600	4100	STPEP	C	150	C	150	C	150	C	150	C	150	C	150	C	150	C	150	C	150			
IN PROGRESS																												
STATEWIDE	VARIOUS	EB-5118	STATEWIDE BIKE AND PEDESTRIAN FACILITY DEVELOPMENT.		3331	3331																						
IN PROGRESS																												

* INDICATES INTRASTATE PROJECT

STATEWIDE PROJECTS

FISCAL YEARS: TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	STATE TRANSPORTATION IMPROVEMENT PROGRAM										UNFUNDED		
							5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM						FUTURE YEARS	
							FUNDS	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020		
BICYCLE AND PEDESTRIAN PROJECTS																			
STATEWIDE	VARIOUS	EB-9999	BIKE-PEDESTRIAN BALANCE		30000			STPEB						C	5000				
STATEWIDE	REGIONAL	EB-4410	AREA-WIDE BICYCLE IMPROVEMENTS FEASIBILITY STUDIES.		200	150		STPEB	F	5	F	5	F	5	F	5	F	5	
IN PROGRESS																			
CONGESTION MITIGATION PROJECTS																			
STATEWIDE	NC RAILROAD	C-4901	RAIL DIVISION, CONSTRUCT A SECOND MAIN LINE BETWEEN THOMASVILLE AND LEXINGTON IN DAVIDSON COUNTY.		52295	7776		STHSR	PE	1119	PE	1135	PE	1154					
								STHSR	R	2749	R	5852	R	5951					
								STHSR	C	4475	C	12045	C	7789					
								O	C	750	C	750	C	750					
A NCRRIP - RESTORE DOUBLE TRACK, BOWERS TO LAKE - UNDER CONSTRUCTION.																			
STATEWIDE	VARIOUS	C-3600	DEPARTMENT OF MOTOR VEHICLES (DMV), VEHICLE EMISSION COMPLIANCE SYSTEM. UPGRADE NORTH CAROLINA'S MOTOR VEHICLE EMISSIONS INSPECTION AND MAINTENANCE (I/M) PROGRAM.	0.0	6702	6702		IN PROGRESS BY DEPARTMENT OF MOTOR VEHICLES											
STATEWIDE	VARIOUS	C-4982	TRANSPORTATION OPERATIONS CENTER TO ALLOW COORDINATED STATE AND REGIONAL TRANSPORTATION FUNCTIONS IN CONJUNCTION WITH THE STATE HIGHWAY PATROL COMMUNICATIONS CENTER AND OTHER EMERGENCY SERVICES PROVIDERS.		6900	6900		IN PROGRESS											
STATEWIDE	NON-ATTAINMENT AND MAINTENANCE AREAS	C-5100	SCHOOL BUS DIESEL PARTICULATE FILTER AND CLOSED CASE VENTILATION SYSTEM RETROFITS.		2000	2000		IN PROGRESS BY DEPARTMENT OF AIR QUALITY											
STATEWIDE	NORTH CAROLINA DIVISION OF AIR QUALITY	C-4903	NORTH CAROLINA AIR AWARENESS OUTREACH PROGRAM TO PROVIDE EDUCATION AND PRODUCE DAILY AIR QUALITY FORECAST.		1500	500		CMAQ	N	80	N	80	N	80	N	80	N	80	
								O	N	20	N	20	N	20	N	20	N	20	
IN PROGRESS BY DEPARTMENT OF AIR QUALITY																			
STATEWIDE	STATEWIDE	C-9999	CONGESTION MITIGATION AIR QUALITY (CMAQ) PROGRAM BALANCE IN NON-ATTAINMENT AREAS		123000			CMAQ											
														C	12000	C	21000	C	30000
														C	30000	C	30000	C	30000

* INDICATES INTRASTATE PROJECT

STATEWIDE PROJECTS

FISCAL YEARS: TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	STATE TRANSPORTATION IMPROVEMENT PROGRAM										UNFUNDED FUTURE YEARS		
							5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM							
							FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020			
CONGESTION MITIGATION PROJECTS																			
STATEWIDE	NORTH CAROLINA STATE UNIVERSITY	C-4902	NCSU, NORTH CAROLINA SOLAR CENTER CLEAN TRANSPORTATION PROGRAM. DEVELOP AND ADMINISTER A SEVEN YEAR CLEAN FUEL-ADVANCED TECHNOLOGY REBATE PROGRAM IN ALL CMAQ ELIGIBLE COUNTIES TO REDUCE EMISSIONS.		10378	1600	CMAQ					N	1384	N	1386	N	1411		
							O					N	346	N	347	N	353		
												N	1413	N	1428				
												N	353	N	357				
IN PROGRESS BY NORTH CAROLINA STATE UNIVERSITY																			
ENHANCEMENT PROJECTS																			
STATEWIDE	VARIOUS	E-4603	ECOSYSTEMS ENHANCEMENT PROGRAM. STRUCTURED MITIGATION FOR PROTECTION, ENHANCEMENT AND RESTORATION OF ECOLOGICAL FUNCTIONS AS COMPENSATION FOR PROJECT IMPACTS AT THE WATERSHED LEVEL.		625	625													
PROGRAMMED FOR PLANNING AND PROGRAM DEVELOPMENT ONLY																			
STATEWIDE	VARIOUS	E-4599	INSTALL RIVER BASIN HIGHWAY SIGNS.		187	187													
IN PROGRESS																			
STATEWIDE	VARIOUS	E-4018	NATIONAL RECREATIONAL TRAILS.		12645	645	NRT	C	1200	C	1200	C	1200	C	1200	C	1200	C	1200
IN PROGRESS																			
STATEWIDE	VARIOUS	E-3821	PRESERVE HISTORIC BRIDGES FROM DEMOLITION.	0.0	250	250													
IN PROGRESS																			
STATEWIDE	VARIOUS	E-4602	GIS ARCHAEOLOGICAL DATABASE. STATEWIDE DATABASE TO CALCULATE ARCHAEOLOGICAL SITES LOCATED WITHIN OR NEAR NCDOT PROJECTS.		750	750													
IN PROGRESS																			
STATEWIDE	STATEWIDE	E-9999	ENHANCEMENT BALANCE.		3000		STPE	C	1000	C	1000	C	1000						
ENHANCEMENT PROJECTS (ROADSIDE)																			
STATEWIDE	VARIOUS	ER-3611	COLOR CANOPY AND TREE PLANTING STATEWIDE.	0.0	5727	3227	STPEL	L	250	L	250	L	250	L	250	L	250	L	250
IN PROGRESS																			
STATEWIDE	VARIOUS	ER-5100	ROADSIDE ENVIRONMENTAL PROJECTS AND TREE PLANTINGS.		7605	7605													
IN PROGRESS																			
STATEWIDE	VARIOUS	ER-3419	NORTH CAROLINA STATE BYWAYS BOOKLET PRINTING.	0.0	50	50													
IN PROGRESS																			

STATEWIDE PROJECTS

FISCAL YEARS: TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	STATE TRANSPORTATION IMPROVEMENT PROGRAM																				UNFUNDED							
							5 YEAR WORK PROGRAM										DEVELOPMENTAL PROGRAM																	
							FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FUTURE YEARS																	
ENHANCEMENT PROJECTS (ROADSIDE)																																		
STATEWIDE	VARIOUS	ER-3102	IMPLEMENTATION OF STATEWIDE SCENIC BYWAYS PROGRAM.	0.0	1781	1031	STPEL	N	75	N	75	N	75	N	75	N	75	N	75	N	75	N	75	N	75	N	75	N	75					
							IN PROGRESS																											
STATEWIDE	VARIOUS	ER-3101	SPECIAL EVENTS PLANTING STATEWIDE.	0.0	13429	9429	STPEL	L	400	L	400	L	400	L	400	L	400	L	400	L	400	L	400	L	400	L	400	L	400	L	400			
							IN PROGRESS																											
STATEWIDE	VARIOUS	ER-3100	PLANTING OF WILDFLOWERS AND PERENNIAL BULBS ON FEDERAL-AID SYSTEM.	0.0	17849	11849	STPEL	L	600	L	600	L	600	L	600	L	600	L	600	L	600	L	600	L	600	L	600	L	600	L	600			
							IN PROGRESS																											
STATEWIDE	VARIOUS	ER-2973	ROADSIDE BEAUTIFICATION PROJECTS IN ALL FOURTEEN HIGHWAY DIVISIONS.	0.0	62993	32993	STPEL	L	3000	L	3000	L	3000	L	3000	L	3000	L	3000	L	3000	L	3000	L	3000	L	3000	L	3000	L	3000			
							IN PROGRESS																											
STATEWIDE	VARIOUS	ER-2971	SIDEWALK PROGRAM IN ALL FOURTEEN HIGHWAY DIVISIONS.	0.0	27358	13358	STPER	C	1400	C	1400	C	1400	C	1400	C	1400	C	1400	C	1400	C	1400	C	1400	C	1400	C	1400	C	1400			
							IN PROGRESS																											
STATEWIDE	BLUE RIDGE PARKWAY	ER-3817	SCENIC ENHANCEMENT AND VIEWSHED PROTECTION.	101.4	2200	2200																												
							IN ACQUISITION																											
HAZARD ELIMINATION PROJECTS																																		
STATEWIDE	VARIOUS	SI-4902	FREEWAY SIGNING INITIATIVE. INSTALL OR REPLACE CRITICAL DIRECTIONAL SIGNS.		200	200																												
							UNDER CONSTRUCTION																											
STATEWIDE	VARIOUS	SI-4901	NO NEED 2 SPEED SAFETY INITIATIVE. SIGNING, EVALUATION, AND IMPLEMENTATION.		280	280																												
							IMPLEMENTATION IN PROGRESS																											
STATEWIDE	VARIOUS	SI-4900	BLUE STAR MEMORIAL HIGHWAY SIGNING. INSTALL SIGNS AT VARIOUS LOCATIONS STATEWIDE.		250	250																												
							UNDER CONSTRUCTION																											
STATEWIDE	VARIOUS	SI-4735	SAFETY MANAGEMENT INITIATIVES.		1107	1107																												
							IN PROGRESS																											
STATEWIDE	VARIOUS	W-4715	POSITIVE MEDIAN BARRIER PROJECTS.		9000		HES	C	500	C	500	C	1000	C	1000	C	1000	C	1000	C	1000	C	1000	C	1000	C	1000	C	1000	C	1000			
STATEWIDE	VARIOUS	W-9999	HIGH HAZARD BALANCE, FISCAL YEARS 11-15.	0.0	117000		HES														C	19500	C	19500	C	19500	C	19500	C	19500				

STATEWIDE PROJECTS

FISCAL YEARS: TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED		
								FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FUTURE YEARS		
HAZARD ELIMINATION PROJECTS																				
STATEWIDE	VARIOUS	W-5301	LANE DEPARTURE SYSTEMIC IMPROVEMENTS.		50000		HES	C	5000	C	5000	C	5000	C	5000	C	5000			
STATEWIDE	VARIOUS	W-4716	MEDIAN INLET REPLACEMENT PROJECT.																	
UNDER CONSTRUCTION																				
STATEWIDE	VARIOUS	W-4714	RUMBLE STRIPS, SHOULDERS, ROADSIDE SAFETY IMPROVEMENTS, AUXILIARY TURN LANES, RAISED PAVEMENT MARKERS AND PROFILE PAVEMENT MARKINGS.		10050	50	HES	C	1000	C	1000	C	1000	C	1000	C	1000			
STATEWIDE	VARIOUS	W-4447	SAFETY MANAGEMENT PROGRAM, PROJECT IDENTIFICATION, ANALYSIS AND PRELIMINARY ENGINEERING.		75829	23829	HES	PE	5200	PE	5200	PE	5200	PE	5200	PE	5200			
IN PROGRESS																				
STATEWIDE	VARIOUS	W-5300	SIGNAL RETIMING TO IMPROVE SAFETY.		10000		HES	C	1000	C	1000	C	1000	C	1000	C	1000			
SAFE ROUTES TO SCHOOLS																				
STATEWIDE	VARIOUS	SR-5000	SAFE ROUTES TO SCHOOL PROGRAM. EDUCATIONAL, TRAINING AND OTHER NON-INFRASTRUCTURE NEEDS.		1925	925	SRTS	N	100	N	100	N	100	N	100	N	100			
IN PROGRESS																				
STATEWIDE	VARIOUS	SR-5001	SAFE ROUTES TO SCHOOL PROGRAM. PROJECTS TO IMPROVE SAFETY, REDUCE TRAFFIC, FUEL COMSUMPTION AND AIR POLLUTION IN VICINITY OF SCHOOLS.		45307	1307	SRTS	R	400	R	400	R	400	R	400	R	400			
							SRTS	C	4000	C	4000	C	4000	C	4000	C	4000			
IN PROGRESS																				
PASSENGER RAIL PROJECTS																				
STATEWIDE	VARIOUS	P-3809	RAILROAD SAFETY INSPECTIONS IN ALL FOURTEEN (14) DIVISIONS.		5810	4310	RR	I	50	I	50	I	50	I	50	I	50			
							T2001	I	100	I	100	I	100	I	100	I	100			
IN PROGRESS																				
STATEWIDE	VARIOUS	P-4702	MAINTENANCE OF RAILROAD TRACK AND SIGNAL IMPROVEMENTS.		14130	5730	T2001	C	840	C	840	C	840	C	840	C	840			
IN PROGRESS																				
STATEWIDE	VARIOUS	P-5202	ENVIRONMENTAL STUDIES FOR RAIL CAPITAL PROJECTS.		19251		T2001	C	1750	C	1787	C	1824	C	1863	C	1902			
STATEWIDE	VARIOUS	P-4701	CAPACITY AND TRAVEL TIME IMPROVEMENTS TO FREIGHT AND PASSENGER RAIL CORRIDORS, NEW EQUIPMENT AND MATCH FOR FEDERAL FUNDS.		173118	98518	T2001	C	7460	C	7460	C	7460	C	7460	C	7460			
							A RESTORE DOUBLE TRACK TO HOSKINS - UNDER CONSTRUCTION.													
PART UNDER CONSTRUCTION																				

STATEWIDE PROJECTS

FISCAL YEARS: TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	STATE TRANSPORTATION IMPROVEMENT PROGRAM										UNFUNDED FUTURE YEARS					
							5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM										
							FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020						
PASSENGER RAIL PROJECTS																						
STATEWIDE	VARIOUS	P-4700	RAILROAD STATION REHABILITATION PROJECTS.		6900	6900																
IN PROGRESS																						
STATEWIDE	VARIOUS	P-4404	SOUTHEAST HIGH SPEED RAIL CORRIDOR. UPDATE RAIL CROSSING INVENTORY FROM SOUTH CAROLINA STATE LINE TO THE VIRGINIA STATE LINE VIA RALEIGH AND CHARLOTTE AND THE APEX/CARY BYPASS SEGMENT.		150	150																
IN PROGRESS																						
STATEWIDE	VARIOUS	P-4001	RAIL INDUSTRIAL ACCESS PROGRAM.	0.0	19000	9000	T2001	C	1000	C	1000	C	1000	C	1000	C	1000	C	1000			
IN PROGRESS																						
STATEWIDE	VARIOUS	P-3814	CROSSING CONSOLIDATION PROJECTS AS IDENTIFIED IN SOUTH END SEHSRC TRAFFIC SEPARATION STUDY. RIGHT OF WAY TO BE ACQUIRED BY MUNICIPALITIES.	0.0	597	597																
UNDER CONSTRUCTION																						
STATEWIDE	VARIOUS	P-3419	SEALED CORRIDOR-SELECTED SEHSRC CROSSINGS. MEDIAN BARRIERS, ARTICULATED GATES, FOUR- QUADRANT GATES, WARNING DEVICE REVISIONS, SIGNAGE AND CAMERA SYSTEMS.	0.0	12307	12307																
UNDER CONSTRUCTION																						
STATEWIDE	VARIOUS	P-5003	SOUTHEASTERN NORTH CAROLINA PASSENGER RAIL SERVICE, RALEIGH TO WILMINGTON VIA FAYETTEVILLE.		132357	2356	T2001											C	130001			
RIGHT OF WAY IN PROGRESS																						
STATEWIDE	VARIOUS	P-5004	SOUTHEASTERN NORTH CAROLINA PASSENGER RAIL SERVICE, RALEIGH TO WILMINGTON VIA GOLDSBORO.		192087	3086	T2001											C	189001			
RIGHT OF WAY IN PROGRESS																						
STATEWIDE	VARIOUS	P-3418	PLANNING, MANAGEMENT AND RESEARCH STUDIES.	0.0	14367	6367	T2001	F	800	F	800	F	800	F	800	F	800	F	800			
IN PROGRESS																						
STATEWIDE	VARIOUS	P-3309	AT-GRADE CROSSING ELIMINATION AND IMPROVEMENT PROJECTS, CORRIDOR INVENTORIES AND STUDIES IN ALL FOURTEEN (14) DIVISIONS.	0.0	9452	6452	RR	C	150	C	150	C	150	C	150	C	150	C	150			
IN PROGRESS																						

* INDICATES INTRASTATE PROJECT

STATEWIDE PROJECTS

FISCAL YEARS: TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	STATE TRANSPORTATION IMPROVEMENT PROGRAM										UNFUNDED FUTURE YEARS	
							5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM						
							FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020		
PASSENGER RAIL PROJECTS																		
STATEWIDE	VARIOUS	P-3815	CROSSING CONSOLIDATION PROJECTS AS IDENTIFIED IN NEWTON-HICKORY-CONOVER MPO TRAFFIC SEPARATION STUDY.	0.0	1620	1620												
UNDER CONSTRUCTION																		
STATEWIDE	VARIOUS	Y-4100	HIGHWAY-RAIL CROSSINGS SAFETY IMPROVEMENTS AND INVENTORY PASSENGER ROUTES.		15384	5384	RR	C	1000	C	1000	C	1000	C	1000	C	1000	
UNDER CONSTRUCTION																		
STATEWIDE	VARIOUS	Y-9999	HIGHWAY-RAIL CROSSING SAFETY IMPROVEMENTS, PASSENGER ROUTES.		13215	8315	RR	C	490	C	490	C	490	C	490	C	490	
IN PROGRESS																		
STATEWIDE	VARIOUS	Y-4415	HIGHWAY-RAIL CROSSING INVENTORY.		3075	2575	RR	C	50	C	50	C	50	C	50	C	50	
IN PROGRESS																		
STATEWIDE	VARIOUS	Y-4800	TRAFFIC SEPARATION STUDY IMPLEMENTATION AND CLOSURES.		17285	17285												
IN PROGRESS																		
STATEWIDE	VARIOUS	Z-4100	HIGHWAY-RAIL CROSSING SAFETY IMPROVEMENTS AND INVENTORY.		9000	9000												
IN PROGRESS																		
STATEWIDE	VARIOUS	Z-5200	HIGHWAY-RAIL GRADE CROSSING SAFETY IMPROVEMENTS.															
IN PROGRESS																		
STATEWIDE	VARIOUS	Z-9999	HIGHWAY-RAIL CROSSING SAFETY IMPROVEMENTS.		90511	25511	RR	C	6500	C	6500	C	6500	C	6500	C	6500	
IN PROGRESS																		
STATEWIDE	CSX	P-5005	HIGH PRIORITY NORTH-SOUTH RAIL CORRIDOR OF THE FUTURE.		25975	950	STHSR	PE	425	A								
IN PROGRESS																		
							STHSR	R	503	A								
							STHSR	C	5326	A								
							STHSR	PE	430	B								
							STHSR	R	400	B								
							STHSR	C	5941	B								
							T2001	C	4000									
							O	C	8000									
<p>A PIEDMONT CORRIDOR - CSXT MP A 101.0 (ENFIELD CROSSING).</p> <p>B PIEDMONT CORRIDOR - CSXT MP A 115.9 (ARMSTRONG CROSSING).</p>																		
STATEWIDE	NCRR	P-3414	TRAVEL TIME IMPROVEMENTS TO FREIGHT AND PASSENGER RAIL CORRIDORS BETWEEN RALEIGH AND CHARLOTTE AND MATCH FEDERAL FUNDS.	0.0	71500	61500	T2001	C	1000	C	1000	C	1000	C	1000	C	1000	
IN PROGRESS																		

* INDICATES INTRASTATE PROJECT

STATEWIDE PROJECTS

FISCAL YEARS: TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	STATE TRANSPORTATION IMPROVEMENT PROGRAM										UNFUNDED	
							5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM						FUTURE YEARS
							FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020		
PASSENGER RAIL PROJECTS																		
STATEWIDE	NCRR-CSX	P-3819	FEDERALLY-DESIGNATED HIGH SPEED RAIL CORRIDOR BETWEEN CHARLOTTE AND VIRGINIA STATE LINE, ENVIRONMENTAL STUDY, PRELIMINARY ENGINEERING, RIGHT OF WAY, DESIGN AND CONSTRUCTION.	260.0	16894	8746	T2001	R	1695									
							O	R	3955									
							STHSR	PE	12	A	PE	12	A	PE	12	A		
							STHSR	R	5	A	R	11	A	R	11	A		
							STHSR	C	478	A	C	967	A	C	990	A		
							A FAIRGROUNDS CROSSING.											
							IN PROGRESS											
STATEWIDE	STATEWIDE	Z-5100	HIGHWAY-RAIL GRADE CROSSING SAFETY IMPROVEMENTS.															
							IN PROGRESS											
ROADSIDE ENVIRONMENTAL PROJECTS (REST AREA)																		
STATEWIDE	VARIOUS	K-4704	INTERSTATE REST AREA SYSTEM PRESERVATION. PAVEMENT, PAVEMENT MARKING, CURB AND GUTTER, SIDEWALKS AND OTHER REHABILITATION ITEMS.		6700	2700	IMPM	C	400	C	400	C	400	C	400	C	400	
							IN PROGRESS											
ROADSIDE ENVIRONMENTAL PROJECTS (SCENIC)																		
STATEWIDE	VARIOUS	L-1000	REPLACEMENT PLANTS AT SELECTED LOCATIONS WITHIN THE 14 HIGHWAY DIVISIONS. LANDSCAPE.	0.0	3303	2403	PLF	L	90	L	90	L	90	L	90	L	90	
							IN PROGRESS											
STATEWIDE	VARIOUS	L-2133	PLANTING OF PERENNIAL BULBS AND WILDFLOWERS WITHIN THE 14 HIGHWAY DIVISIONS. LANDSCAPE.	0.0	26960	15960	PLF	L	1100	L	1100	L	1100	L	1100	L	1100	
							IN PROGRESS											
STATEWIDE	VARIOUS	L-2500	COLOR AND CANOPY AND TREE PLANTING.	0.0	5743	743	PLF	L	500	L	500	L	500	L	500	L	500	
							IN PROGRESS											
STATEWIDE	VARIOUS	S-5001	NORTH CAROLINA SCENIC BYWAYS LAND CONSERVATION INITIATIVE TO IMPLEMENT RESOURCE PROTECTION AND HERITAGE TOURISM DEVELOPMENT TO ENHANCE AND PRESERVE SCENIC VISTAS AND TOURISM CORRIDORS ALONG 26 OF NORTH CAROLINA'S SCENIC BYWAYS.		316	316												
							IN PROGRESS											

* INDICATES INTRASTATE PROJECT

Section 5 – Public Involvement

The public involvement process is very important for developing a TIP that is comprehensive and reflects the values and desires of the local citizens. Section 6 of this document, “Reference Documents,” provides an excerpt from the DCHC MPO Public Involvement Policy, as adopted on October 11, 2006, that specifically guides the TIP process. Important public involvement events concerning the development of this TIP include the events described below. Note that the proposed dates of these events might change.

Public Comment Period

The public comment period will likely be from January 20, 2011 (one week after the TAC releases the draft MTIP for public comment to allow for any TAC directed changes to the documents to be properly completed) through February 10, 2011 (three weeks after release). During this period, a draft MTIP will be available for review at several key locations, including the MPO Web site – www.dchc-mpo.org and local libraries, and citizens will be provided the opportunity to submit comments to DCHC MPO staff and TAC members.

Public Hearing

The TAC of the DCHC MPO will likely conduct a Public Hearing at 7PM, February 10, 2011, at the Committee Room, 101 City Hall Plaza, Durham, North Carolina. Citizens will be afforded the opportunity to submit oral and written comments to TAC members and TCC staff.

Summary of Public Comments

The DCHC MPO will provide a summary of the public comments that are received in the final FY 2012-2018 MTIP report, and will also make the full-text of comments available to the public by Web site or request.

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Section 6 -- Reference Documents

This section provides documents that are useful for reviewing the draft FY 2012-2018 MTIP and for understanding the MTIP development process.

Regional Priority List

The DCHC MPO adopted a Regional Priority List on February 11, 2009 and forwarded this list to the NCDOT for use in developing the draft FY 2012-2018 STIP. To develop this list, the DCHC MPO uses a methodology that awards points to each project based on established criteria, and then makes adjustments to the subsequent project rankings based on staff and board evaluation.

The following pages present the Regional Priority List and two important references:

- Whether an MPO ranked project is included in the draft STIP; and,
- The statewide ranking of the project in the NCDOT's Strategic Prioritization Process (denoted as SPOT), which uses quantitative data to rank transportation projects. For more information on Strategic Prioritization, see the Web page → <http://www.ncdot.org/performance/reform/prioritization/>

DCHC MPO TIP Regional Priority List – Highway

Approved MPO-wide List (no urban loops)

MPO Rank	Name (limits)	Draft STIP	Statewide Rank in SPOT*
1	Fayetteville Rd. (Woodcroft Pkwy. To Riddle Rd.) widen to 4-lane divided, bike lanes, and sidewalks	Not in draft STIP	#35 Mobility/SubReg/Hwy
2	Ephesus Church Road (US 15-501 to Farrington Road) bike lanes, sidewalks, and safety improvements	Not in draft STIP	#38 Mobility/SubReg/Hwy
3	Erwin Road (15-501 to NC 751) bike lanes, sidewalks, and safety improvements (design may vary along length)	Not in draft STIP	#42 Mobility/SubReg/Hwy
4	Jack Bennett Road [SR1717] (US 15-501 to Lystra Rd. [SR1721]) safety improvements	Not in draft STIP	#2 Safety/SubReg/Safety
5	NC 54 (I-40 east to NC 55) widen to multi-lane divided with transit accommodations, bike lanes, and sidewalks	FS-1005C (page 7) - Scheduled for feasibility study.	#1 Mobility/Regional/Hwy
6	Fordham Boulevard (Columbia St/US 15-501 South to Ephesus Church Road) sidewalks, wide-outside lanes, and transit accommodations	U-5304 (page 4) - \$5,150,000 construction funded in FY 2019	#47 Mobility/Statewide/Hwy
7	Lystra Road [SR 1721] (US 15-501 to Farrington Point Rd. [SR1008]) safety improvements	Not in draft STIP	#12 Health/SubReg/Modern
8	U-4716 Hopson Rd./Church St. grade separation at RR, close Church St. RR crossing	U-4716 (page 7) - Grade separation, rail realignment, double track funded in FY 2011-2013; Church Street crossing closure and Hopson Road widening unfunded.	#26 Mobility/SubReg/Hwy
9	R-2825 South Churton Street Improvements (I-40 to the Eno River)	Not in draft STIP	#87 Mobility/SubReg/Hwy
10	North Greensboro (Weaver to Shelton) paint, median, bicycle signal detection, etc.	Not in draft STIP	#6 Safety/SubReg/Safety
11	Estes Drive (NC86 to Caswell Road) widen existing roadway to include two 12-foot travel lanes, four-foot bicycle lanes and sidewalks.	Not in draft STIP	#104 Mobility/SubReg/Hwy
12	Estes Dr. Extension (Greensboro to NC 86) bike lanes, sidewalks, and transit accommodations and multi-use path to Williams Street	Not in draft STIP	#109 Mobility/SubReg/Hwy
13	Piney Mountain (NC 86 to Riggsbee) turn lanes, sidewalks, bicycle lanes and transit accommodations	Not in draft STIP	#120 Mobility/SubReg/Hwy
14	Franklin/Merritt Mill/Brewer/Main Intersection	Not in draft STIP	#131 Mobility/SubReg/Hwy
15	Orange Grove Rd Extension to US 70 Business	Not in draft STIP	# 136 Mobility/SubReg/Hwy
16	Lystra Road [SR 1721] (Jack Bennett Rd. [SR1717] to west side of N. Chatham Elementary) increase length of turn lanes	Not in draft STIP	#18 Safety/SubReg/Safety

MPO Rank	Name (limits)	Draft STIP	Statewide Rank in SPOT*
17	Jeremiah Drive [SR 1762] (Lystra Rd. [SR 1721] to End) elevate road for flood control	Not in draft STIP	#17 Health/SubReg/Modern
18	Estes/Greensboro roundabout	Not in draft STIP	#171 Mobility/SubReg/Hwy
19	U-3436 Eno Mountain Road, Mayo Street & Orange Grove Road Realignment	Not in draft STIP	#180 Mobility/SubReg/Hwy
20	U-2405 Martin Luther King Jr. Pkwy./NC 55 intersection extend to Cornwallis Rd. bridge over RR	Not in draft STIP	#91 Mobility/Regional/Hwy
21	NC 54 (I-40 west to Barbee Chapel Rd.) widen to 6-lane divided, sidewalks	Not in draft STIP	#17 Mobility/Regional/Hwy
22	Old Oxford Highway (Roxboro Rd. to Hamlin Rd.) expand capacity, bike lanes, and sidewalks	Not in draft STIP	#212 Mobility/SubReg/Hwy
23	NC 751 (S. Roxboro Rd. to NC 54) widen to 4-lane, bike lanes, and sidewalks	Not in draft STIP	#107 Mobility/Regional/Hwy
24	Homestead (NC 86 to Old NC 86) bicycle lanes, sidewalks, transit accommodations, and safety improvements (design may vary along length)	Not in draft STIP	#237 Mobility/SubReg/Hwy
25	Seawell School (Homestead to Estes) bicycle lanes, sidewalks, transit accommodations, and intersection safety improvements (design may vary along length)	Not in draft STIP	#248 Mobility/SubReg/Hwy

(*) Statewide Rank convention = #(rank number) (Goal)/(Tier)/(Submode)

Projects that were not on the MPO priority list or funded in the previous TIP, but are in the Draft STIP (non-maintenance projects)

Page	ID	Name	Draft STIP	Statewide Rank in SPOT
1	I-3306	I-40 (I-85 to Durham County Line) Add additional lanes	Construction funded in FY 2019-future years	#43 Mobility/Statewide/Hwy
2	I-0305	I-85 (I-40 to Durham County Line) Widen to six lanes and reconstruct interchanges and structures	Construction funded in FY 2020-future years	#100 Mobility/Statewide/Hwy
7	FS-1008B	NC 751 (US 64 to north of SR 1118 Fayetteville Road) Widen to multi-lanes with bicycle lanes*	Scheduled for feasibility study	#20 Mobility/Regional/Hwy

*Widening in Chatham County is not in the 2035 LRTP.

Projects that were not on the MPO priority list because they were in the previous TIP, but have a funding change in the Draft STIP (non-maintenance projects)

Page	ID	Name	Draft STIP
4	U-2803	SR 1919/Smith Level Road (Rock Haven Road to bridge) widen to multi-lanes	Right of way delayed from FY 2010 to FY 2011; Construction delayed from FY 2011 to FY 2013
4	U-0624	NC 86/S. Columbia Street (SR 1906 Purefoy Road to SR 1902 Manning Drive) corridor upgrade to include bicycle lanes	Construction delayed from FY 2009 to FY 2012
5	U-3308	NC 55/Alston Avenue (NC 147 to NC 98) widen to four lane divided facility and replace Norfolk-Southern railroad bridges	Right of way delayed from FY 2008 to FY 2011; Construction delayed from FY 2011 to FY 2014

DCHC MPO TIP Regional Priority List – Bicycle and Pedestrian

The DCHC MPO submitted 46 bicycle and pedestrian projects to NCDOT through the TIP prioritization process. At the request of NCDOT, we were asked to provide a shortened list of the top 5 bicycle and top 5 pedestrian projects in the MPO. The following 10 projects were submitted.

MP Rank	Name (limits)	Draft STIP	Statewide Rank in SPOT
1	University Drive sidewalks and bicycle facilities (Garrett Rd to NC 751/Hope Valley Road)	Not in draft STIP	#3 Bicycle and Pedestrian
2	NC 86/Martin Luther King Jr Blvd sidewalks and bicycle facilities (I-40 to North Street)	Not in draft STIP	#68 Bicycle and Pedestrian
3	SR 1669/Club Blvd sidewalks and bicycle facilities (Ruffin St to SR 1670/E Geer Street)	Not in draft STIP	#70 Bicycle and Pedestrian
4	NC 54 sidewalks and bicycle facilities (US 15-501/Fordham Blvd to SR 1110/Barbee Chapel Road)	Not in draft STIP	#75 Bicycle and Pedestrian
5	SR 1666/Dearborn Dr sidewalks and bicycle facilities (SR 1669/Club Blvd to Ruth Street)	Not in draft STIP	#76 Bicycle and Pedestrian
6	18 Chapel Hill intersections bicycle and pedestrian improvements	Not in draft STIP	Not ranked
7	SR 1158/W Cornwallis Road sidewalks and bicycle facilities (SR 1306/Erwin Road to SR 1127/Chapel Hill Road)	Not in draft STIP	#78 Bicycle and Pedestrian
8	US 15-501/Fordham Blvd pedestrian and bicycle overpass/underpass between SR 1902/Manning Drive and Old Mason Farm Road	Not in draft STIP	#79 Bicycle and Pedestrian
9	SR 1945/S. Alston Ave. sidewalks and bicycle facilities (Capps St to SR 1171/Riddle Road)	Not in draft STIP	#80 Bicycle and Pedestrian
10	Bolin Creek Greenway (NC 86 to Umstead Park)	Not in draft STIP	Not ranked

Projects in Draft STIP but not in DCHC MPO Priority List

This section shows the SPOT statewide ranking for highway projects that are in the draft STIP but not in the DCHC MPO Priority List.

Name	Statewide Rank in SPOT
I-0305B: I-85 (I-40 near Hillsborough to Durham County line)	#100 Mobility/Statewide/Hwy
I-3306A: I-40 (I-85 near Hillsborough to Durham County line)	#43 Mobility/Statewide/Hwy

Section 6 -- Reference Documents *(continued)***Comparison of FY09-15 and FY12-18 STIPs**

The following pages present a comparison between the FY 2009-2015 STIP (current STIP) and the proposed FY 2012-2018 STIP. The tables identify new projects, cost increases, project schedule delays and other fiscal and schedule information that is useful for evaluating the proposed STIP.

Comparison of FY2009-2015 STIP and FY2011-2020 STIP

Highway, Bridge, Bicycle and Pedestrian Projects

New Projects

Division	Project #	Route	Description	Total Cost (thousands)			Year Begin Construction			\$ Funded			\$ Unfunded	
				2009-2015	2011-2020	Difference	2009-2015	2011-2020	Delay	2009-2015	2011-2020	Difference	2009-2015	2011-2020
7	I-3306	I-40	I-85 in Orange Co. to US 15-501	47,000	47,000	-	post year	2019	new	-	23,500	23,500	47,000	23,500
7	I-0305	I-85	I-40 at Hillsborough to Durham County Line.	210,782	210,782	-	post year	2020	new	-	58,497	58,497	210,782	152,285
5	U-4716	SR 1978 (Hopson Rd.)/SR 1980 (Church St.)	Construct a grade separation, extend Church St. and close Church St. crossing	6,500	31,016	24,516	post year	2011	new	-	20,441	20,441	6,500	7,020
7	U-5304	US 15-501 (Bypass)	S. Columbia St. to Ephesus Ch. Rd.; bicycle, pedestrian and transit accommodations	-	5,150	5,150	post year	2019	new	-	5,150	5,150	-	-
7	B-4962	Eno River	Replace Bridge No. 46	6,200	6,600	400	2015	2018	new	3,350	6,600	3,250	2,850	-
7	B-5348	Phil's Creek	Replace Bridge No. 85	-	1,063	1,063	post year	2019	new	-	1,063	1,063	-	-
5, 8	FS-1008B	NC 751 (Feasibility Study)	US 64 in Chatham to north of Fayetteville Rd in Durham; widen to multi-lanes	n/a	n/a	n/a	n/a	n/a	new	n/a	n/a	n/a	n/a	n/a
5	FS-1005C	NC 54 (Feasibility Study)	I-40 to NC 55; widen to multi-lanes	n/a	n/a	n/a	n/a	n/a	new	n/a	n/a	n/a	n/a	n/a
5	C-5175	DATA	Operating assistance for new fixed route	-	2,438	2,438	n/a	2013	new	-	2,438	2,438	-	-
7	C-5177	MLK Jr. (shared pathway)	Homestead Rd. to Piney Mtn. Rd.	-	906	906	n/a	2013	new	-	906	906	-	-
5	C-5178	Campus Walk (Morreene Rd. to Lasalle St.) and Lasalle St. (Kangaroo Dr. to Erwin Rd.)	Construct sidewalks	-	336	336	n/a	2014	new	-	336	336	-	-
7	C-5179	Estes Dr.	Construct pathway, sidewalk & bike lanes	-	1,182	1,182	n/a	2015	new	-	1,182	1,182	-	-
5	C-5182	Hope Valley Rd.	MLK Pkway and US 15-501 Bus.; sidewalks and bike lanes	-	1,386	1,386	n/a	2016	new	-	1,386	1,386	-	-
5	C-5183	Cameron Blvd. (Erwin Rd. to Duke Univ. Rd.) and Alston Ave. (Carpenter Fletcher and Sedwick	Construct sidewalks	-	2,127	2,127	n/a	2016	new	-	2,127	2,127	-	-
7	C-5184	Riverwalk Trail	Construct paved trail along Eno River (Phase III)	-	621	621	n/a	2018	new	-	621	621	-	-
7	W-5318	NC 86	NC 57 to Caswell Co.; geometric and shoulder improvements	-	4,654	4,654	n/a	2015	new	-	4,654	4,654	-	-
7	C-5181	Jones Creek Greenway	Bridge and connector trail	-	300	300	n/a	2015	new	-	300	300	-	-
				45,079						125,851				

Notes:

1. The tables in this document do not include highway maintenance and repaving projects, and those projects funded by traditional transit funding sources.
2. The MPO designates which projects receive Congestion Mitigation and Air Quality (CMAQ) funding, which are identified in these tables with the "C" prefix in the project number. Therefore, an issue with the funding or schedule of a CMAQ projects needs to be addressed with the MPO, and not NCDOT.

Change in Cost and Schedule

Division	Project #	Route	Description	Total Cost (thousands)			Year Begin Construction			\$ Funded			\$ Unfunded	
				2009-2015	2011-2020	Difference	2009-2015	2011-2020	Delay	2009-2015	2011-2020	Difference	2009-2015	2011-2020
5, 7	EB-4707	SR 2220 (Old Chapel Hill Rd.)-SR 1838 (Old Durham Rd.)/US 15-501	Durham Co. to Orange Co. bicycle improvements	3,828	5,450	1,622	2009	2011	2	3,828	4,000	172	-	-
5	U-4763B	Triangle Parkway	I-540 to I-40	190,610	190,568	(42)	2009	2011	2	190,610	190,568	(42)	-	-
7	U-3306	SR 1733/Weaver Dairy Rd.	NC 86 to Erwin Rd.	15,995	17,125	1,130	2010	2011	1	15,995	17,125	1,130	-	-
7	U-2803	SR 1919/Smith Level	Rock Haven Road to Bridge NO. 88	5,400	7,450	2,050	2011	2013	2	5,400	7,450	2,050	-	-
7	U-0624	NC 86/S. Columbia St.	SR 1906 (Purefoy Rd.) to SR 1902 (Manning Drive)	6,660	7,310	650	2009	2012	3	6,660	7,310	650	-	-
5	U-0071	East End Connector	NC 147 to north of NC 98	155,401	172,733	17,332	2013	2014	1	122,151	172,733	50,582	33,250	-
5	U-3308	NC 55/Alston Ave.	NC 147 to US 70 Bus-NC 98	23,321	28,428	5,107	2011	2014	3	23,321	28,428	5,107	-	-
7	U-3808	Elizabeth Brady Road Extension	South of US 70 Bus to north of US 70 Bypass at St. Mary's Rd.	33,994	-	(33,994)	2012	Deleted	n/a	33,994	-	(33,994)	-	-
5	B-3638	US 70 Bus/Main St.	Campus Drive Replace Bridge	975	1,300	325	2010	2012	2	975	1,300	325	-	-
5	B-4943	SR 1616	Sandy Creek Replace Bridge	415	477	62	2013	2020	7	415	477	62	-	-
5	C-4928	Morreene Rd., Neal Rd./Erwin Rd.	Construct bike lanes and sidewalks	556	1,441	885	2009	2011	2	556	1,441	885	-	-
5	W-5110	NC 55 and Lawson St.	Construct left turn lanes on NC 55	975	975	-	2011	2012	1	975	975	-	0	0
7	EL-4994	Orange County Cornwallis Rd., S. Roxboro Rd./University Dr.	Bolin Creek Greenway	738	1476	738	2008	2011	3	738	1,476	738	0	0
5	U-4724		Bike and pedestrian feature	2,270	1,970	(300)	2010	2011	1	2,270	1,970	(300)	-	-
				Project Cost Increase						Project Funding Increase				
				Net Cost Change						Net Funding Change				
				29,601						61,701				
				(4,435)						27,365				

Funded Projects Currently Under Construction or In Progress

Division	Project #	Route	Description	Total Cost (thousands)			Construction 2011-2020
				2009-2015	2011-2020	Difference	
5	U-3309	SR 2028/T.W. Alexander Dr.	Cornwallis Rd to Miami Blvd.	13,961	14,933	972	under const.
5	U-3804	SR 1321/Hillandale Rd.	I-85 to Carver Street	11,191	11,941	750	under const.
5	U-4009	SR 1126/Service Rd.	Parallel to US 15-501 at Garrett Rd.	5,683	5,683	-	under const.
5	U-4011	SR 1959/S. Miami Blvd.	South of SR 2112 (Methodist St.) to north of SR 1960 (Bethesda Avenue)	6,477	8,265	1,788	under const.
5	U-4012	US 15-501	N. of Mt. Moriah Rd. to S. of Garrett Rd.	15,609	15,609	-	under const.
5	U-4026	SR 1613/Davis Dr.	Morrisville-Carpenter Rd. to NC 54	38,706	39,063	357	under const.
7	U-4704	Chapel Hill	Chapel Hill-Carrboro Computerized Traffic Signal System	5,000	5,450	450	under const.
5,7,8	U-4726	Urban Area Bike/Ped Allocation	DCHC MPO planning area	7,419	11,941	4,522	in progress
7	B-4216	SR 1002 - Strouds Creek	Replace bridge No. 66	1,125	1,054	(71)	under const.
5	B-3450	SR 1116 (Garrett Rd.)	New Hope Creek, Replace Bridge; Sandy Creek, Replace Bridge	4,986	4,986	-	under const.
8	EB-2921F	American Tobacco Rail Trail	Durham Co. to Wake Co.	2,392	2,392	-	in progress
7	C-4932A	Orange County	125 Space Park and Ride Lot.	275	275	-	under const.
5	C-4702	Durham County	10 Replacement buses	3,000	3,000	-	in progress
7	EL-4828	Morgan Creek Greenway West	Smith Level Rd. to University Lake	600	535	(65)	in progress
7	EL-4601	Morgan Creek Greenway East	US 15-501 Culbeth Rd. to Smith Level Rd	872	1,290	418	in progress
5	EB-3606	Orange County	Bicycle route mapping and signing	50	50	-	in progress
5, 7	C-4924	TJCOG	Develop flexible work schedule for employees and organizations in Triangle ozone non-attainment area for 3 yrs.	300	5,626	5,326	in progress
5	C-4929	Bicycle Parking Program	Install bike racks at various locations	48	48	-	in progress
				Net funding change		14,447	

Note: Funding increase for some ongoing programs might be based on increase in plan years
(FY09-15 TIP = 7 years; FY11-20 TIP = 10 years)

UnFunded Projects (No change in unfunded status)

Division	Project #	Route	Description	Total Cost 2009-2015	Total Cost 2011-2020	Difference	Year begin
5	I-4743	I-85	US 70 to SR 1632 (Red Mill Rd.)	n/a	n/a	n/a	post year
7	R-3438	Hillsborough Western Bypass	US 70 to NC 57	7,450	7,450	-	post year
7	R-2825	SR 1009/S. Churton St.	I-40 to Eno River	19,300	22,750	3,450	post year
7	U-2805	SR 1777 (Homestead Rd.)/SR 1834 (High School Rd.)	Widen to multi-lanes	10,600	10,600	-	post year
7	U-2909	SR 1780 (Estes Dr.)/SR 1772 (Greensboro St.)	Widen to multi-lanes	7,600	6,855	(745)	post year
5	U-2405	MLK Jr. Parkway/NC 55	Construct interchange	25,800	29,850	4,050	post year
5,7	U-2807	US 15-501 SR 1010 (Franklin St.)/US 15-501 bypass in Durham	Major corridor upgrade	123,000	156,000	33,000	post year
5	U-4720	US 70	Lynn Rd. to the proposed Northern Durham Parkway	n/a	n/a	n/a	post year
5	U-4721	Proposed Northern Durham Parkway	I-540 to Roxboro Rd.	n/a	n/a	n/a	post year
5	U-4722	US 501 (Roxboro Rd.)	US 501 bypass (Duke St.) to SR 1640 (Goodwin Rd.)	n/a	n/a	n/a	post year
5	U-2831B	Riddle Rd./SR 1951 (So-Hi Dr.)	Briggs Ave extension	10,685	10,685	-	post year
7	U-3436	SR 1148 (Eno Mountain Rd.) and SR 1192 (Mayo St.) at SR 1006 (Orange	Realign intersection and make safety improvements	2,350	2,350	-	post year
7	EL-4995	Orange County	Dry Creek Greenway	700	700	-	post year
7, 8	EB-5110	Bolin Creek Greenway (Chapel Hill)	NC 86 to Umstead Park	-	-	-	Feasibility Study
7	EB-4710	Seawell School Rd.	Homestead to Estes. Bicycle improvements	2,000	-	(2,000)	Deleted

Section 6 -- Reference Documents (*continued*)

Other Reference Documents – on the Web

The reference documents listed below are available on the DCHC MPO's Web site – www.dhcmpo.org (see the Draft MTIP Web page).

- Division 5 and Division 8 One-on-One meeting – This six-page agenda includes discussion points for a meeting among the DCHC MPO staff and board, NCDOT staff and NCDOT board members concerning draft STIP projects in NCDOT Divisions 5 and 8.
- Division 7 One-on-One meeting – This six-page agenda includes discussion points for a meeting among the DCHC MPO staff and board, NCDOT staff and NCDOT board members concerning draft STIP projects in NCDOT Divisions 7.
- Historic and Projected Traffic Counts and Volume-to-Capacity Ratio – Provides historic and projected traffic counts and volume-to-capacity (V/C) ratios for transportation projects discussed in the One-on-One meetings.
- Changes Between The 09-15 STIP and the Draft 12-18 STIP – NCDOT document that identifies and provides comments on changes between the current and draft STIP.
- Compare Reports – Uses standard funding ledger format to compare the 09-15 STIP and draft 12-18 STIP project by project. There is a report for each of the three divisions in the DCHC MPO.

Section 6 -- Reference Documents *(continued)***Public Involvement Policy**

The DCHC MPO adopted a Public Involvement Policy on October 11, 2006, that guides the process under which the major MPO plans and programs are developed and adopted. The sub-policy of the MPO Public Involvement Policy that specifically guides the Metropolitan Transportation Improvement Process is on the following pages.

3. Metropolitan Transportation Improvement Program

Overview

The Metropolitan Transportation Improvement Program (MTIP) is the document that describes the funding and scheduling of transportation improvement projects (highway, bicycle, pedestrian, and transit capital and operating assistance) using State and federal funds. The MTIP serves as the project selection document for transportation projects and, therefore, is the implementation mechanism by which the objectives of the Transportation Plan are reached. The Safe, Accountable, and Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU) and preceding legislation, TEA-21 and ISTEA mandate an opportunity for public review of the MTIP. The following is the proposed public involvement procedure for the Durham-Chapel Hill-Carrboro Metropolitan Transportation Improvement Program.

Introduction

The Durham-Chapel Hill-Carrboro (DCHC) Metropolitan Planning Organization (MPO) will prepare a Metropolitan Transportation Improvement Program, which is consistent with the requirements of the Safe, Accountable, Flexible, Efficient Transportation Equity Act: a Legacy for Users (SAFETEAU-LU), and any implementing federal regulations. The MTIP will be developed based on: 1) revenue estimates provided by the North Carolina Department of Transportation (NCDOT); and, 2) the DCHC MPO Regional Priority List. The public input element of the Metropolitan Transportation Improvement Program is presented as follows:

Public Involvement Process

1. The DCHC Technical Coordinating Committee (TCC) will develop a draft Regional Priority List from the Local Project Priorities of the MPO jurisdictions.
2. The Regional Priority List will be published for a minimum three-week (21-day) public comment period and the notice will be published by the Lead Planning Agency (LPA) in a major daily newspaper, and other local, minority, or alternative language newspapers, as appropriate.

The notices for the public comment period and the public hearing will include an announcement that states that persons with disabilities will be accommodated. Special provisions will be made if notified 48 hours in advance (i.e. having available large print documents, audio material, someone proficient in sign language, a translator or other provisions as requested). The Regional Priority List will be on file in the City of Durham Department of Transportation, Town of Chapel Hill Planning Department, Town of Carrboro Planning Department, Town of Hillsborough Planning Department, Counties of Durham, Orange, Chatham Planning Departments, the Triangle Transit Authority and the county public libraries for public review and comment.

Public Involvement Policy

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3. The Transportation Advisory Committee (TAC) will hold a public hearing on the draft Regional Priority List. The public hearing will be held at a location which is accessible to persons with disabilities and which is located on a transit route. The TAC will approve a final Regional Priority List after considering the public comments received.
4. The DCHC MPO Technical Coordinating Committee will develop a draft MTIP from the approved Regional Priority List and from revenue estimates provided by the North Carolina Department of Transportation. The TCC will forward the draft MTIP to the Transportation Advisory Committee. The Transportation Advisory Committee will publish the draft MTIP for public review and comment.
5. Copies of a draft MTIP will be distributed to TAC members and the transportation related committees of MPO member jurisdictions. Each jurisdiction will also have copies available for public review. The draft MTIP will follow the same notification procedures as outlined above for the Regional Priority List.
6. The public comments will be assembled and presented to the Durham-Chapel Hill Carrboro TAC. The TAC will hold a public hearing on the draft MTIP. The public hearing will be held at a location which is accessible to persons with disabilities and which is located on a transit route. Public comments will be addressed and considered in the adoption of the MTIP.
7. The DCHC MPO, being a maintenance area for air quality will provide additional opportunity for public comment on the revision of the draft MTIP (if the final MTIP is significantly different and/or raises new material issues).
8. The process for updating and approving the Metropolitan Transportation Improvement Program will follow the sequence and procedure as described in the aforementioned PIP framework.
9. Amendments to MTIP will be available for public review and comment, if they make a substantial change to the MTIP. A substantial change is classified as the addition or deletion of a project with an implementation cost exceeding \$1 million. Public comment on project additions or deletions of less than \$1 million may be sought at the discretion of the TAC by majority vote. As long as a project's description, scope or expected environmental impact have not materially changed, the TAC may approve changes to project funding without a separate public meeting.
10. Written public comments and their responses will be published as an appendix to the final MTIP.

Section 6 – Reference Documents (*continued*)**Draft MTIP Press Release**

As part of the public involvement policy, the MPO will advertise the availability of the draft MTIP, the public comment period, public hearing, and mediums for submitting comments. The draft MTIP press release will be displayed in this section.

**DCHC Metropolitan Planning Organization
ANNOUNCING
A Public Comment Period and Public Hearing
For the Draft FY 2012-2018 Metropolitan
Transportation Improvement Program (MTIP)**

The Durham-Chapel Hill-Carrboro Metropolitan Planning Organization (DCHC MPO) has released the Draft FY 2012-2018 Metropolitan Transportation Improvement Program (MTIP) for public review and comment. The MTIP is the seven-year funding and scheduling document for transportation improvement projects (highway, bicycle, pedestrian, and transit) using state and federal funds.

Copies of the draft MTIP are available for review at the City of Durham Transportation Division, and the Planning Departments and public libraries of the member jurisdictions (i.e., Durham, Orange, and Chatham Counties, City of Durham, Towns of Chapel Hill, Carrboro, and Hillsborough). Copies are also available at the MPO Web site – www.dchc-mpo.org.

The Transportation Advisory Committee, which is the MPO governing body, will hold a **Public Hearing** to receive public comment on Wednesday, February 9, 2011 at 7:00 PM in the Committee Room, 2nd floor, 101 City Hall Plaza, Durham, NC 27701. The public comment period will run through February 10, 2011.

Comments can also be mailed to the City of Durham, Transportation Division, 101 City Hall Plaza, Durham, NC 27701, Attn: Ellen Beckmann, or e-mailed to ellen.beckmann@durhamnc.gov.

**** Persons with disabilities will be accommodated.
Provisions can be made if notified 48 hours in advance of
the meeting. ****

FY 2012-2018 STIP

NCDOT and DCHC MPO Meeting (11/10/10)

Follow-up Items

Staff and board members from the DCHC MPO and NCDOT met on November 10, 2010 to discuss the draft FY 2012-2018 State Transportation Improvement Program (STIP) and the MPO's priority list. The list below identifies items in which a meeting participant indicated there would be some follow-up investigation.

1. Churton Street Congestion in the Town of Hillsborough

The DCHC MPO presented the following projects as a replacement for the deleted Elizabeth Brady Road extension project:

- **A)** R-2825 (South Churton Street)
- **B)** U-3436 (Eno Mountain Road/Mayo Street alignment)
- **C)** NC 86 widening between US 70-A and Old NC 10
- **D)** NC 86 widening from US 70 Bypass to Coleman Loop Road
- **E)** Orange Grove Road Extension to US 70-Alternate

Mr. Fox stated that he, Mike Stanley and Mike Mills would discuss the funding of one or more of these projects in the STIP.

In determining which projects to fund in the draft Program and Resource Plan, prioritization was followed as were investment targets. DCHC had a disproportionate number of priorities on the subregional tier, including A), B), and E) above. The Mobility/Subregional category was already near capacity with 5-year work program projects, leaving relatively little room to add new projects in this category. DCHC has several of these projects (Weaver Dairy Road, Smith Level Road, Hillandale Road, Miami Boulevard). Were additional funding capacity to be realized in the Mobility/Subregional category, there are several Division 7 candidates that ranked higher than the above projects and therefore would be considered for funding ahead of them, including 3) below.

Regarding A), we will look at the prospect of programming additional feasibility studies/updates after a review of staff workload in the Feasibility Studies Unit.

Projects C) and D) did not appear as identified needs in the prioritization lists we received. Project C) could potentially show up as a need in the course of the I-305 NEPA review.

2. I-40 (I-3306) and I-85 (I-0305) widening

The DCHC MPO presented a design alternative for the I-40 widening – only add a lane to the westbound movement between US 15-501 and NC 86, and wanted the I-40 improvements to be scheduled before the I-85 improvements. Mr. Fox stated that NCDOT would discuss these options.

A phased approach to construction of I-3306 is likely, given the constrained financial picture of recent years. The above lane addition proposal merits review as a possible interim or first-stage project, and will be considered as part of the preconstruction phase.

Regarding the timing of this project and I-305, the NCDOT would take into account NEPA status / preconstruction readiness, as well as funding availability/eligibility. Bear in mind that the I-85 project is eligible for a funding source (Trust Fund – intrastate) that the I-40 project is not.

3. New Project (Erwin Road, from US 15-501 to NC 751)

The DCHC MPO requested funding for this project, possibly from the large buildup of Enhancement funding. Mr. Fox stated that Mike Mills, Wally Bowman and staff from the Bicycle and Pedestrian Division would get together at the next board meeting to discuss.

This project will be reviewed by the Division of Bicycle and Pedestrian Transportation to determine how it would rank as a bike/ped project, for comparative purposes.

See first comment to 1) above regarding programming of mobility projects on the Subregional tier. As a Mobility/Subregional candidate, this project competes with a large number of others statewide for a very limited portion of the STIP budget, in terms of eligibility. Funding targets for each goal/tier category were established on a statewide basis.

Board Members Mike Fox and Chuck Watts will look into the prospects for an increased funding allocation to the NCDOT's Bicycle / Pedestrian program, as one possible means of addressing these type projects going forward. In the meantime, further consideration will be given to partnering, using a mix of STIP and non-STIP funding sources, e.g. small construction, contingency, CMAQ, spot safety, and enhancement. Note that the MPO has at its discretion \$12 million in STP-DA not currently allocated to projects that can be applied to this project to move it forward. Consideration will also be given to segmentation, so that the highest-need portions of the project can be pursued as funding is identified.

4. Jack Bennett Road [SR1717] (US 15-501 to Lystra Rd [SR1721]) -- safety improvements.

The DCHC MPO requested funding for this safety project. Tim Johnson, NCDOT Division 8, will check spot safety and hazard elimination funding for this project.

This project will be submitted to the Transportation Mobility and Safety Division for evaluation as a candidate for Spot Safety and/or Hazard Elimination funding.

5. FS-1005C (NC 54, from I-40 to NC 55)

The DCHC MPO requested funding for this high priority project in the latter years of the STIP cycle. Mr. Watts stated that they would get a response for the MPO.

The programming of a feasibility study was not meant to imply the project would not be funded. Due to unique characteristics of the project, in particular environmental impacts, it is believed that a feasibility study would allow for a more refined scope and cost on the project. These results would then be used to begin funding phases of the project in upcoming STIP cycles, applying budget capacity represented by the new years coming into the STIP window.

Given the concern expressed at the priority session regarding time frame for a feasibility study and the need to start NEPA, the NCDOT will consult with PDEA and others to determine the overall comfort level with the current description and estimates, as well as the probable lead time needed to reach LEDPA. Based on feedback received, a decision will be made whether to a) move forward with the feasibility study, b) start a funding stream in the out years of the Plan, or c) program for planning and environmental study only, thus allowing NEPA to be initiated.

6. New Project (Fayetteville Road, from Woodcroft Parkway to Riddle Rd.)

The DCHC MPO requested funding for this high priority project in the latter years of the STIP cycle. Mr. Watts stated that they would investigate a funding source.

See first comment to 1) above regarding programming of mobility projects on the Subregional tier. The DCHC MPO currently has approximately \$12 million in STPDA obligation-adjusted apportionment not yet allocated to projects, which could be applied toward this project at the MPO's discretion. The MPO may wish to look at moving this project forward with a combination of STP-DA and local bond funds.

DCHC MPO TAC/TCC Meeting Dates 2011
Durham City Hall, Committee Room

TAC	TCC
<i>12-Jan-11</i>	<i>26-Jan-11</i>
<i>09-Feb-11**</i>	<i>23-Feb-11</i>
<i>09-Mar-11</i>	<i>23-Mar-11</i>
<i>13-Apr-11***</i>	<i>27-Apr-11</i>
<i>11-May-11</i>	<i>25-May-11</i>
<i>8-June-11</i>	<i>22-June-11</i>
<i>No July TAC meeting</i>	<i>27-July-11</i>
<i>10-Aug-11</i>	<i>24-Aug-11</i>
<i>14-Sept-11</i>	<i>28-Sept-11</i>
<i>12-Oct-11</i>	<i>26-Oct-11</i>
<i>09-Nov-11</i>	<i>16-Nov-11*</i>
<i>14-Dec-11</i>	<i>21-Dec-11*</i>

Tentative Joint TAC Meeting Dates (locations TBD)

30-Mar-11

31-Aug-11

* Rescheduled to avoid a holiday.

** Evening Meeting – MTIP Public Hearing

*** Evening Meeting – Regional Transit Plan

MEMORANDUM

To: Transportation Advisory Committee (TAC)
DCHC MPO

From: DCHC MPO Lead Planning Agency

Date: January 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.

2010-2011 Unified Planning Work Program (UPWP) – Projects

Comprehensive Transportation Plan (CTP)

- Draft CTP – September 2011 – Depends on NCDOT Schedule
- Public Input
- Recommended CTP
- Adopted CTP
- 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
- Study completion – December 2011

GIS/Data Integration and Automation

- ✓ Phase I completed. Internal review and implementation in progress
- ✓ Phase I deployment
- ✓ Database development – ongoing.
- ✓ Phase 2 to commence in July 2011

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 – To commence in July 2011
 - Initial database – TBD
 - Initial model estimation – TBD
 - Initial calibration – TBD

Non-Motorized Model Development

- ✓ Phase 1 completed.
- ✓ Phase 2 completed
- Sensitivity analysis and testing in progress
- White Paper on non-motorized prioritization tool

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
- Build Scenario Planning Tool
- Develop and approve Place Typology – Place Type Palette
- Focus Group Meetings
- Trend Forecasts
- Partnering Strategy
- Build Development Strategy

- Rationalize Scenarios
- Land use and Transportation MOEs
- Documentation/Protocol Report

Contract Number: C201487	Route: US-15
Physical Division: 5	County: Durham
Administrative Division: 5	TIP Number: B-3450, U-4009, U-4012
Length: 1.769 miles	Federal Aid Number: BRSTP-1116(6)
Resident Engineer: Chad D. Hinnant	RE Phone Number: (919)220-4680
Location Description: BRIDGES OVER SANDY CRK & TRIBUTARY & APPROACHES ON SR-1116, SR-1126 NEAR US-15/501 & SR-1116, US-15/501 AT MT MORIAH RD.	
Type of Work: GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURES.	
Contractor Name: DLB, INC DBA DLB INC (OF VA)	
Contract Amount: \$18,810,912.36	Cost Overrun/Underrun: 6.37%
Availability Date: 10/1/2007	Letting Date: 8/21/2007
Completion Date: 8/1/2010	Work Began: 10/1/2007
Revised Completion Date: 8/3/2010	Estimated Completion: 12/30/2010
Last Estimate Thru: 10/31/2010	Scheduled Progress: 100%
Last Estimate Paid: 12/15/2010	Actual Progress: 92.29%

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: THOMPSON CONTRACTING GRADING PAVING & UTILITIES INC	
Contract Amount: \$6,502,648.68	Cost Overrun/Underrun: 2.69%
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: 8/15/2011
Last Estimate Thru: 10/31/2010	Scheduled Progress: 30.5%
Last Estimate Paid: 11/8/2010	Actual Progress: 36.49%

Contract Number: C202277	Route: I-40
Physical Division: 5	County: Durham
Administrative Division: 5	TIP Number: R-2000AF, R-5164B
Length: 3.56 miles	Federal Aid Number: STM-540(15)
Resident Engineer: Jeffrey D. Allen, PE	RE Phone Number: (919)733-9499
Location Description: NORTHERN WAKE FREEWAY INTERCHANGE IMPROVEMENTS AT I-540 AND I-40, AND I-40 FROM NC-147 TO EAST OF I-540.	
Type of Work: WIDENING, GRADING, DRAINAGE, MILLING, PAVING, & STRUCTURE .	
Contractor Name: FSC II LLC DBA FRED SMITH COMPANY	
Contract Amount: \$7,577,355.48	Cost Overrun/Underrun: -3.08%
Availability Date: 3/1/2010	Letting Date: 1/19/2010
Completion Date: 12/31/2010	Work Began: 4/1/2010
Revised Completion Date: 1/9/2011	Estimated Completion: 5/1/2011
Last Estimate Thru: 12/7/2010	Scheduled Progress: 100%
Last Estimate Paid: 12/10/2010	Actual Progress: 93.25%

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: Chad D. Hinnant	RE Phone Number: (919)220-4680

<p>Location Description: SR-1321 (HILLANDALE 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: 11/7/2010 Scheduled Progress: 6.45% Last Estimate Paid: 12/16/2010 Actual Progress: 4.13%</p>	
<p>Contract Number: C202493 Route: I-85 Physical Division: 5 County: Durham Administrative Division: 5 TIP Number: R-5164A Length: 9.6 miles Federal Aid Number: STM-085-4(114)171 Resident Engineer: Cadmus Capehart, PE RE Phone Number: (919)840-0914 Location Description: 1 SECTION OF I-85, 1 SECTION OF US-15/501, AND 1 SECTION OF NC-147. Type of Work: MILLING, RESURFACING & MILLED RUMBLE STRIPS. Contractor Name: REA CONTRACTING A DIVISION OF THE LANE CONSTRUCTION CORPORAT Contract Amount: \$6,088,736.11 Cost Overrun/Underrun: 6.36% Availability Date: 3/15/2010 Letting Date: 1/19/2010 Completion Date: 12/16/2010 Work Began: 8/4/2010 Revised Completion Date: Estimated Completion: 4/15/2011 Last Estimate Thru: 12/7/2010 Scheduled Progress: 100% Last Estimate Paid: 12/13/2010 Actual Progress: 79.62%</p>	
<p>Contract Number: C202538 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 Physical Division: 5 County: Durham Administrative Division: 5 TIP Number: Length: 22.96 miles Federal Aid Number: Resident Engineer: Cadmus Capehart, PE RE Phone Number: (919)840-0914 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: 0% 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: 4/15/2011 Last Estimate Thru: 12/22/2010 Scheduled Progress: 100% Last Estimate Paid: 12/30/2010 Actual Progress: 81.51%</p>	
<p>Contract Number: C202610 Route: NC-147 Physical Division: 5 County: Durham Administrative Division: 5 TIP Number: R-5164D Length: 6.8 miles Federal Aid Number: STM-0147(3) Resident Engineer: Cadmus Capehart, PE RE Phone Number: (919)840-0914 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: Availability Date: 3/15/2011 Letting Date: 9/21/2010 Completion Date: 11/1/2011 Work Began: Revised Completion Date: Estimated Completion: Last Estimate Thru: Scheduled Progress: Last Estimate Paid: Actual Progress:</p>	
<p>Contract Number: C202613 Route: - Physical Division: 5 County: Durham Administrative Division: 5 TIP Number: R-5164E Length: 7.59 miles Federal Aid Number: STM-0070(140) Resident Engineer: Chad D. Hinnant RE Phone Number: (919)220-4680 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.</p>	

<p>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: Availability Date: 3/15/2011 Letting Date: 9/21/2010 Completion Date: 9/2/2011 Work Began: Revised Completion Date: Estimated Completion: Last Estimate Thru: Scheduled Progress: Last Estimate Paid: Actual Progress:</p>	
<p>Contract Number: DO00031 Route: NC-147 Physical Division: 5 County: Durham Administrative Division: 5 TIP Number: B-4700AD Length: 0 miles Federal Aid Number: BRNHS-000S(370) Resident Engineer: Chad D. Hinnant RE Phone Number: (919)220-4680 Location Description: BRIDGES #160, 163, 144, 138, AND 140 ON NC-147. Type of Work: BRIDGE PAINTING. Contractor Name: SAFFO CONTRACTORS INC Contract Amount: \$782,555.00 Cost Overrun/Underrun: -2.29% Availability Date: 5/3/2010 Letting Date: 3/18/2010 Completion Date: 9/14/2010 Work Began: 6/18/2010 Revised Completion Date: 10/1/2010 Estimated Completion: 10/14/2010 Last Estimate Thru: 9/22/2010 Scheduled Progress: 100% Last Estimate Paid: 9/24/2010 Actual Progress: 100%</p>	
<p>Contract Number: DO00050 Route: NC-147 Physical Division: 5 County: Durham Administrative Division: 5 TIP Number: B-4700AC Length: 0 miles Federal Aid Number: BRNHS-000S(370) Resident Engineer: Chad D. Hinnant RE Phone Number: (919)220-4680 Location Description: BRIDGES #71 ON US-15/501, 191, 192, 177, 180, 173, 175, 164, & 166 ON NC-147. Type of Work: BRIDGE PAINTING. Contractor Name: SAFFO CONTRACTORS INC Contract Amount: \$792,555.00 Cost Overrun/Underrun: 0.58% Availability Date: 5/3/2010 Letting Date: 3/18/2010 Completion Date: 9/14/2010 Work Began: 8/6/2010 Revised Completion Date: 10/1/2010 Estimated Completion: 10/22/2010 Last Estimate Thru: 12/3/2010 Scheduled Progress: 100% Last Estimate Paid: 12/22/2010 Actual Progress: 98.84%</p>	
<p>Contract Number: DO00069 Route: NC-147 Physical Division: 5 County: Durham Administrative Division: 5 TIP Number: BK-5102G Length: 0 miles Federal Aid Number: BRNHS-0147(4) Resident Engineer: Cadmus Capehart, PE RE Phone Number: (919)840-0914 Location Description: BRIDGES #12, 71, 137, 154, 156, AND 169 ON NC-147. Type of Work: BRIDGE PAINTING. Contractor Name: S & D INDUSTRIAL PAINTING, INC. Contract Amount: \$922,562.15 Cost Overrun/Underrun: Availability Date: Letting Date: 8/19/2010 Completion Date: Work Began: Revised Completion Date: Estimated Completion: Last Estimate Thru: Scheduled Progress: Last Estimate Paid: Actual Progress:</p>	
<p>Contract Number: DO00070 Route: NC-147 Physical Division: 5 County: Durham Administrative Division: 5 TIP Number: BK-5102E Length: 0 miles Federal Aid Number: BRZ-1940(2) Resident Engineer: Cadmus Capehart, PE RE Phone Number: (919)840-0914 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 Cost Overrun/Underrun: Availability Date: Letting Date: 8/19/2010 Completion Date: Work Began: Revised Completion Date: Estimated Completion: Last Estimate Thru: Scheduled Progress:</p>	

Last Estimate Paid:	Actual Progress:
<p>Contract Number: DO00076 Physical Division: 5 Administrative Division: 5 Length: 0 miles Resident Engineer: Jeffrey D. Allen, PE 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: Completion Date: Revised Completion Date: Last Estimate Thru: Last Estimate Paid:</p>	<p>Route: - County: Durham TIP Number: BK-5102F Federal Aid Number: BRSTP-1959(5) RE Phone Number: (919)733-9499 Cost Overrun/Underrun: Letting Date: 9/2/2010 Work Began: Estimated Completion: Scheduled Progress: Actual Progress:</p>

**ACTIVE NCDOT PROJECTS LOCATED IN ORANGE COUNTY - DCHC MPO
ARRA**

County	WBS #	Route	Location Description	Amount	Status
Orange	EL-4601	Morgan Creek Greenway	Construct Greenway	\$940,000	ARRA- Sullivan Eastern = 55% actual vs. 83.84% sched. compl. ; ARRA funds added(\$47,488)- latest inv. for reimbursement approved 10/14/10; pedestrian bridge design under review
Orange	EL-5103	Carrboro	Construct bus shelters at 4 locations	\$48,296	ARRA- WC Construction =100% compl.; M.A. compl. 7/14/10-revised to 9/14/10; Final 10/27/10; Invoice #5-Const. admin. under review
Orange	ER-5100 GE	US 15-501@ SR 1734 (Erwin Rd./Europa Dr.)	Plantings	\$65,000	ARRA -Plymouth Nursery and Landscaping =planting compl.; warranty period underway; final compl. 4/30/12
Orange	R-5178A	NC 57	Widen for two foot paved shoulders and resurface from NC 86 to SR 1544 (Pearson Road)	\$1.0 million	ARRA-Riley Paving, Inc.; work began 6/2/10; 100% compl.
Orange	R-5178B	NC 86 (S. Columbia St.) from SR 1010 (Franklin St.) to Cameron Ave.	Mill, resurface, and replace curb and gutter	\$200,000.00	ARRA-Eastern Services, LLC dba Raleigh Paving=100% compl.-final pending
Orange	TA-5117		Two 28' light transit vehicles w/ wheelchair lift	\$183,200.00	ARRA-funds flexed to FTA; Buses have been received by Chapel Hill Transit, lease has been signed and buses delivered to Orange Public Transportation
Orange	U-3100B	SR 1107 (Old Fayetteville Rd.) from NC 54 to SR 1106 (Stroud Lane)	Safety Improvements (Bicycle, Pedestrian, and Transit Accommodations)	\$1.8 million	ARRA-Atwell Const. Co., Inc., Greenville, NC= 100% compl. - punchlist pending

**ACTIVE NCDOT PROJECTS LOCATED IN ORANGE COUNTY - DCHC MPO
ARRA**

Orange	U-3306 34913.3.ST1 STM-1733 (16)	SR 1733 (Weaver Dairy Rd.) from NC 86 to Old Sterling Road	Grading, drainage, paving, signals, curb and gutter, retaining wall	\$13.4 million	Yates Construction Co., Inc. began const. 9/7/10= 7.38% complete
Orange	U-4704	Chapel Hill- Carrboro	Computerized Traffic Signal System	\$5.175 million	ARRA-Brooks Berry Haynie & Assoc., Inc.; Mableton, Ga. = 19.11% compl. - conduit installation underway-aerial pending; cabinets to be installed March 2011
Orange	U-4726 DA	Carrboro	Construct sidewalk on Ashe St. from W. Main St. to Shelton St.	\$284,176.00	ARRA- Centurion Construction Co.=100% compl. ; M.A. compl. rev. to 9/2/10; Final 10/27/10; final inv. for const. admin. under review
Orange	U-4726 DB	Carrboro	Construct sidewalk on Bim St. from SR 1005 (Jones Ferry Rd.) to Fidelity St.	Combined w/ U-4726 DA	ARRA-Centurion Construction Co; =100% compl.; M.A. compl. rev. to 9/2/10; Final 10/27/10; final inv. for const. admin. under review
Orange	U-4726 GA	Twin Creeks Park Greenway	Linear park: 10' multi-use asphalt trail including bridge over Jones Creek	\$429,457.00	ARRA- McQueen Construction = 55.83% compl. - const. of pedestrian bridge & 100' greenway pending; inv. reimbursed; Suppl. Const. Agree. for bridge approved; Suppl. Agreement to extend compl. date to 6/30/11
Orange	U-4726 JA	Hillsborough	Construct sidewalks	\$1,034,110.00	ARRA, STP-DA, & Contingency - S.T. Wooten Corp.= +50% compl. ; M.A. compl. 7/24/11-rev. to 9/17/11;Const. Suppl. for drainage app. by JMM; pay appl. 3-7 under review

**ACTIVE NCDOT PROJECTS LOCATED IN ORANGE COUNTY - DCHC MPO
ARRA**

NCDOT PROJECTS CURRENTLY IN 12 MONTH LETTING LIST					
County	TIP #	Route	Location Description	TIP Est.	Est. Let Date
			NONE		

ACTIVE NCDOT PROJECTS LOCATED IN ORANGE COUNTY - DCHC MPO

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	ALS of N.C., Inc. avail. 12/1/10 for compl. 6/1/11; additional funds approved 12/9/10
Orange	41593	Union Street	Construct 750 feet of sidewalk and a crosswalk to connect Hillsborough Elementary School to SR 1156 (Nash St.)	\$32,000 (Statewide Contingency)	See U-4726 JA; ARRA
Orange	42501	US 15/501/NC54 (Fordham Blvd.) at SR 1900 (Old Mason Farm Rd.)	Construct bus pulloffs on both sides	\$140,000	FA const. =100% compl. pending final pavement markings
Orange	42502	SR 1010 (Franklin St.) between Hillsborough St. and Plant Rd.	Replace deteriorated curb and gutter at several locations on both sides	\$30,000	Municipal Agreement sent to Town for execution 3/9/10-resent 9/30/10; Const. FY '10-'11
Orange	43030	SR 1843 (Seawell School Rd.)	Safety improvements near railroad crossing #736157R (signing, tree removal, grading for visibility, paved shoulders, wedging, short overlay & snow-plowable pavement markers)	\$45,000	F.A. construction - est. compl. 5/30/11
Orange	43114	SR 1005 (Jones Ferry Road) at SR 1937 (Old Fayetteville Road)	Install a pedestrian countdown signal and crosswalk	\$20,000	Project to be installed by Traffic Services
Orange	7CR.10681.16 7CR.20681.16	NC 54 from 560' west of Greenwood Dr. to County line and 11 sections of secondary roads	Milling, resurfacing and shoulder reconstruction	\$3.028 million	S.T. Wooten Corp. = 100% compl.- final paid 1/5/11
Orange	7CR.10681.22 7CR.20681.22 7.106812 7.206812	US 15 from Morgan Creek Rd. to E. Franklin St. and 3 secondary roads	Widening, milling and resurfacing		S.T. Wooten Corp.- Let 11/16/10 Avail. 4/4/11 Int. compl. Maps 1-5 8/12/11 Map 7 8/19/11 Final 9/5/11
Orange	B-4216	SR 1002 (St. Mary's Road)	Replacement of Bridge # 66 over Stroud's Creek	\$800,000	Dane Const. Inc.= 88% compl.- reforestation pending compl. by 12/31/10; Ingle & Son Landscaping, Inc. = slope plantings compl.-final by K.A. T. 1/5/11

ACTIVE NCDOT PROJECTS LOCATED IN ORANGE COUNTY - DCHC MPO

Orange	I-4716	I-40	Grind and reseal joints on I-40 from I-85 to Durham Co. (Patching spalls, Diamond grinding and slab repair added)	\$7.4 million	Safety Grooving & Grinding, L.P., Napoleon, Ohio - =100% compl.; Final 11/2/10; observation period for markings underway
Orange	I-5142	I-85/I-40	Mill, resurface and install pavement markers and rumble strips from west of SR 1114(Buckhorn Road) to the I-85/I-40 interchange	\$8.60 million	FSC II, LLC dba Fred Smith Co.(C.C. Mangum Co., LLC)= 15.2% compl. ; Work began 8/9/10 on WB; EB begins Spring 2011; work resumed 10/31/10- seasonal limitations in effect
Orange	42170 SS-4907 T 42204.2 42204.1	SR 1710 (Old NC 10) @ NC 86	Construct a right turn lane on SR 1710 and install a traffic signal	\$215,000	Barrett, Irvin & Jordan, Contractors, Inc.(DG00048) Avail. 4/15/11 for compl. by 9/1/11
Orange	42171 SS-4907 U 42205.2 42205.1	SR 1710 (Old NC 10) @ SR 1713 (Mt. Herman Church Road)	Improve sight distance on SR 1710 by lowering the crest vertical curve on the westbound approach to the intersection	\$300,000	Final plans complete; utility relocation and right of way acquisition pending; est. Let date = 6/21/11
Orange	42423.3 42423.1 SS -4907V	SR 1005 (Old Greensboro Rd.) @ SR 1951 (White Cross Rd.)	Realign intersection	\$165,000	Survey compl. & Design pending; est. Let =12/20/11; flasher has been installed by separate project
Orange	SR-5000S 40922.1.18 PE	Carrboro Elementary School	Safe Routes to Schools- Education, encouragement, evaluation, and neighborhood outreach	\$12,865	Municipal Agreement with Town
Orange	SS-4907AC 43040.1.1 PE 07-10-727	SR 1734 (Erwin Rd.) and SR 1791 (Mt. Moriah Rd.) near Chapel Hill	Installation of a left turn lane on Erwin Rd. and a traffic signal	\$10,000 PE \$1000 R/W \$239,000 C	Roundabout requested by MPO- est. cost = \$426, 559
NCDOT PROJECTS CURRENTLY IN 12 MONTH LETTING LIST					
County	TIP #	Route	Location Description	TIP Est.	Est. Let Date

ACTIVE NCDOT PROJECTS LOCATED IN ORANGE COUNTY - DCHC MPO

Durham/ Orange	EB-4707	DURHAM/ CHAPEL HILL (SR 1838/SR 2220) FROM SR 1116 (GARRETT ROAD) IN DURHAM COUNTY TO US 15-501 IN ORANGE COUNTY	Bicycle improvements(Bikeway and signals)	\$5.45 million	April 19, 2011- may be delayed
Orange	U-0624	NC 86 (S. Columbia St.)	Corridor upgrade including Bicycle lanes from SR 1906 (Purefoy Rd.) to SR 1902 (Manning Dr.)	\$4.85 million	Nov. 15, 2011

**TARPO TCC/TAC Meeting
Division 8 Project Report**

COUNTY	WBS #	ROUTE	DESCRIPTION	TOTAL FUNDING ALLOCATION	CONTRACT BID AMOUNT	STATUS	MAP
Chatham	41700 SF-4908I	NC 751	Install protected permitted traffic signal and left turn lane at intersection of NC 751 and SR 1731 (O'Kelly Church Road)	PE: \$10,000 ROW: \$58,214.50 Const: \$523,000.00	\$301,260.69	S.T. Wooten Corp began work on 3/16/10 and is currently at 99.6% complete; Scheduled completion date is 4/30/10; Revised completion date is 9/12/2010. Complete, accepted 8/25/10; Economic Stimulus Project	
Chatham	8CR.20191.12	6 sections of secondary roads	Contract resurfacing	\$2,600,000.00	\$2,155,954.37	Riley Paving, Inc. began work on 6/28/10; Currently at 100% complete; Scheduled completion is 8/13/10; Completed 9/22/10	
Chatham	42221 R-5181	NC 87 from south of SR 1516 to north of SR 1516	Construct elliptical roundabout near CCCC in Pittsboro	\$399,750.00	\$584,478.20	Sanford Contractors, Inc began work on 4/19/10; Currently at 99.8% complete; Scheduled completion date is 8/13/10; Economic Stimulus Project; Complete, accepted 8/14/10	
Chatham	36268 U-4726FA & 45067 ER-5100HA	US 15-501 from Cole Park Plaza to Orange County	Install pedestrian facilities (sidewalk) & Streetscaping/Landscaping	U-4726FA PE: \$22,000.00 Const: \$198,000.00 ER-5100HA PE: \$2,525.00 Const: \$22,730.00	\$144,614.00	Chatham County Municipal Agreement; Letting scheduled for 12/3/09; Awarded to White Oak Construction Corp; Availability Date is 1/5/10; Scheduled completion is 6/15/10; Economic Stimulus Project; Complete, accepted 4/30/10	
Chatham	41848.3 SS-4908K	US 64 and SR 2229 (Treatment Plant Road)/SR 1363 (Pearlman Teague Road)	Island construction and improvements to accommodate U-turns	PE: \$28,708.28 ROW: \$11,000.00 CONST: \$346,600.00	\$237,788.60	Let on 5/27/10; Awarded to S.T. Wooten Corp.; Availability date is 6/28/10; Scheduled completion date is October 29, 2010	
Chatham	33710.3.1 B-4459	NC 42	Structure replacement of #56 over Buckhorn Creek and approaches	PE: \$76,000.00 ROW: \$55,000.00 CONST: \$1,600,000.00	\$1,307,174.12	APAC-Thompson Arthur began work on 8/5/10; Currently at 7.7% complete; Scheduled completion date is 12/31/11.	Map
Chatham	C202608 8CR.10191.14 & 42934	US 1 from the Lee Co. line to Wake County and 3 sect of Secondary Roads	Contract Resurfacing	8CR.10191.14 - \$2,900,000 42934 - \$510,000.00	\$2,919,609.44	Let on 9/7/10; Awarded to S T Wooten Corp; Availability date is 10/4/10; Scheduled completion is 6/3/2011	
Chatham	45127.3.1 C-5116	NC 87	Curb & gutter and sidewalk installation in Town of Pittsboro	PE: \$21,521 CONST: \$210,479	\$146,120.00	Cruz Brothers Concrete, Inc.began work on 10/14/10; Currently at 57.2% complete; Scheduled completion date is 12/17/11.	

InterNeighborhood Council may enter Alston Avenue debate

THE NEWS AND OBSERVER JIM WISE - STAFF WRITER PUBLISHED THU, DEC 02, 2010 05:40 PM

DURHAM -- The InterNeighborhood Council is considering whether to weigh in on the Alston Avenue widening controversy.

Alston Avenue, a.k.a. N.C. 55, is a major corridor north-south corridor through East Durham. NCDOT considers the street congested and has plans to widen it from the Durham Freeway to Holloway Street.

But neighborhood groups and others interested in the long-depressed area's revival see DOT's plan as splitting their neighborhood in two.

"A four-lane highway is just a wall lying on its side," INC President Tom Miller said at the council's meeting this week.

Besides that, they don't see the need.

"We can't see the congestion," said Golden Belt neighborhood homeowner John Martin. "We just see that this has gotten on the front burner and they're going to go ahead with it."

"To me, DOT's traffic numbers are highly suspect," said East Durham resident Chloe' Palenchar. "They're smoking crack to say that road is over capacity."

Under DOT's current plan, Martin said, Alston Avenue at Main Street would be eight lanes wide, or as wide as Fayetteville Road at Southpoint shopping mall.

DeDreana Freeman, another Golden Belt homeowner, said she has met with City Council members, and many residents turned out to speak their minds at a DOT open house in November.

"I don't get the feeling they are hearing anything the neighborhood is saying," she said.

"I'm very concerned about the wisdom of the Alston Avenue/55 thing," Miller said. "One or two neighborhoods over there probably aren't going to be able to step in front of that thing and stop it, but maybe INC could."

Commissioners: Road plans favor UNC

The Herald-Sun By Ray Gronberg 12.06.10 - 10:52 pm

DURHAM -- County Commissioners signaled Monday that they agree with critics of a plan to revamp the N.C. 54 corridor who say the document is too focused on the needs of UNC Chapel Hill.

Briefed on the plan Monday, they agreed that planners need to analyze how the traffic load created by commuters to the city's two institutions of higher learning, Duke University and N.C. Central University, will affect south Durham.

"Both universities deserve the same sort of analysis," Commissioner Brenda Howerton told Leta Huntsinger, an engineer from the city's Transportation Department who has helped orchestrate the corridor study.

Huntsinger said Duke officials have agreed to give engineers and consultants figures showing where the private school's many employees live.

It will be pegged to employees' zip codes, which would allow analysts to see which parts of the region are the heaviest contributors to a Duke employment base. The Greater Durham Chamber of Commerce's most recent count pegged Duke's employment at 20,185 people.

Huntsinger didn't say whether planners would also request data from N.C. Central. The chamber reckons that some 1,435 people worked at the Durham-based state university in 2008-09.

UNC Chapel Hill, the UNC system's flagship institution, employed 12,082 people in 2008-09, according to figures from its Office of Institutional Research and Assessment.

Another 6,098 worked for UNC Health Care system, either at its on-campus hospital in Chapel Hill or at other facilities in the Triangle, according to the health care system's figures.

The numbers make Duke and UNC Chapel Hill the western Triangle's largest employers by far. The area's next-largest employer was IBM, with 11,530 people on staff.

It wasn't clear why commissioners wanted N.C. Central included in the study, as the school ranked on the chamber's list only as Durham's 13th-largest employer. County government itself had more people on staff, 1,728 by the chamber's count. Just a single UNC Chapel Hill operating unit, its School of Medicine, employs more than twice as many people as work at N.C. Central.

Still, many Durham officials are sensitive to slights to N.C. Central, and for weeks they've been hearing complaints from southwest Durham residents and even members of the Durham Planning Commission that the corridor study's recommendations appear designed to favor Chapel Hill and UNC.

It "left Durham out," Commissioner Joe Bowser said.

Commissioner Ellen Reckhow agreed, saying she was "not pleased" that in analyzing the need for new park-and-ride lots engineers put all their attention on "getting people to UNC and not to Duke."

She added, though, that she shares some Chapel Hill residents' belief that planners should consider routing future rail transit in the area along N.C. 54 proper instead of dispatching it over a new corridor through the Meadowmont neighborhood.

That idea has drawn criticism from leaders of at least one Durham neighborhood, who fear their area will take the brunt of any rerouting of transit or cars away from Meadowmont.

Dashing hopes he had kindled, LaHood gives N.C. a tiny share of rail money

The News and Observer Submitted by BruceSiceloff on 12/09/2010 - 14:36

North Carolina will get just \$1.5 million of the high-speed rail money recently spurned by new Republican leaders in Ohio and Wisconsin, Ray LaHood, the U.S. transportation secretary, said today.

Most of the \$1.195 billion originally designated for the two midwestern states will be spent instead on the nation's three most ambitious passenger rail projects -- two in California (\$624 million) and one in Florida (\$342 million). The remaining 11 states receiving shares range from Washington state (\$162 million) and Illinois (\$42 million) to Indiana (\$365,000), with North Carolina third from the bottom.

LaHood, a Republican serving in the administration of Democratic President Barack Obama, had generated higher hopes when he told a Charlotte audience Nov. 17 that North Carolina could expect good news when DOT redistributed the Ohio and Wisconsin money. "You all are going to be in the high-speed rail business," he said then.

The money became available after the November elections. Republican John Kasich, Ohio's governor-elect, said he would reject more than \$400 million promised by the Obama administration for passenger train service there. Scott Walker, the Republican governor-elect in Wisconsin, promised to cancel a project that had won \$810 million in high-speed rail grants.

North Carolina and Virginia won federal grants totaling \$623 million in January and an additional \$68 million in October for the shared Southeast High Speed Rail Corridor from Charlotte to Washington. The two states have asked for \$7.1 billion to complete the 475-mile project.

The Obama administration now has promised California \$3.87 billion and Florida \$2.79 billion for their fast-train projects.

House Extends Transportation Reauthorization, But Debate Far From Over (School Transportation News)

NC Metropolitan Mayors Coalition Written by Ryan Gray Thursday, 09 December 2010

The House of Representatives narrowly passed a sweeping \$1.2 trillion continuing resolution that keeps federal transportation funding afloat through September of 2011.

The current surface transportation extension for SAFETEA-LU, one of several since the act officially ran its course in September of 2009, is set to expire at the end of this year. Next, the Senate must vote on what to do with funding levels for transportation and all other programs. In the House version passed on Dec. 8, transportation is part of a \$64.9 billion appropriation that also includes Housing and Urban Development.

In addition to extending all current transportation funding, the House also voted to allow Federal Motor Carrier Safety Administration funding to be used for additional audits of new interstate carriers and grants to improve the commercial driver's license program.

Rep. James Oberstar, the outgoing Democratic representative from Minnesota and chair of the House Transportation and Infrastructure Committee, favors another one-year extension while incoming Chair John Mica (R-FL) wants a shorter extension. Congress must act by Dec. 18, when the federal government shuts down for Christmas.

Becky Weber, managing director at Washington, D.C.-based lobbyist Prime Policy Group, said SAFETEA-LU would likely be extended until spring of 2011. She added the Senate is unlikely to follow suit on the continuing resolution, especially as the House version only passed by a 212-206 margin.

Instead, Weber said it appears the Senate will seek an omnibus bill to keep transportation and other programs afloat. But that will need 60 votes, which is unlikely as Republicans and many Democrats want to see cuts as well as have a say on what programs are funded. And many bills passed in the House, such as immigration reform and tax bills, can't get through the Senate.

"It's far from over," Weber added. "Everything is very fluid and dynamic right now."

GAO Report Outlines Future Challenges for Public Transportation (AASHTO)

NC Metro Mayors Coalition December 20, 2010 9:30 a.m.

Nationwide demand for mass transit steadily grew in the decade prior to 2008 and transit ridership reached record highs that year, concludes a recently released Government Accountability Office report. This increased demand for services presents both opportunities and challenges in the years ahead.

“Population growth and other factors are likely to increase future ridership demand, but cost increases and fiscal uncertainties could limit transit agencies’ ability to meet this demand,” according to the report.

The GAO report makes several recommendations on how to help transit agencies effectively accommodate ever-growing ridership despite budgetary limitations. These include focusing resources on keeping the nation’s rail and bus systems in a state of good repair; streamlining the delivery of federal grant programs and projects; and integrating performance accountability into federal programs.

GAO conducted interviews with federal officials as well as 15 transit authorities that operate heavy rail, light rail, and bus services. Agencies facing capacity constraints in their transit services between 1998 and 2008 undertook a number of steps with varying degrees of success to meet expanded ridership demand during that period. Those steps included adjusting routes, fares, and hours of service; making such investments as enlarged fleets and extended platforms; and maintaining and updating existing infrastructure and vehicles.

Another key trend during that time involved funding sources and capabilities. While the federal government was the leading source of capital investment in transit in 1998, local government provided the largest share by 2008.

While ridership has increased, fares have often not kept up with operating costs. Since fares typically do not cover the full cost of transit trips, public-transportation agencies experienced a widening gap between revenue collected from passengers and costs in services to accommodate increased ridership. In 2008, according to the report, only about 32% of transit agencies’ operating expenses were paid for through fare revenues.

With the recent economic downturn, transit agencies’ funding since 2008 has been strained due to decreases in state and local investment. Transit agency officials interviewed by GAO expressed concerns about less revenue coupled with the increased costs of expanding transit systems and maintaining aging infrastructure.

The 64-page report is available at bit.ly/GAO_Transit_Report.

Bull City Connector to begin early runs

The Herald-Sun By Ray Gronberg 12.23.10 - 07:18 pm

DURHAM -- City and Triangle Transit officials say they're going to start the Bull City Connector's daily runs a little earlier in the morning come Jan. 3, so people who use the service can get to work by 7 a.m.

Westbound runs will start leaving the Golden Belt business center at 6:22 a.m., nearly an hour earlier than they do now.

Transit managers are also moving up each day's first eastbound run, launching it from Duke Medical Center 15 minutes earlier than they do now.

The decision to extend morning hours came "primarily because of demands and because of requests" from riders, said Brad Schulz, spokesman for Triangle Transit, which operates the Durham Area Transit Authority on the city's behalf.

Officials in announcing the move said they were pleased with how the fare-free shuttle has worked since its Aug. 16 launch.

It's been "meeting our ridership expectations" so far and has generated "a lot of positive feedback" for the city bus service, a news release quoted Durham Transportation Director Mark Ahrendsen as saying.

Ridership counts available to The Herald-Sun suggest that at least through the route's initial 12 weeks of operation, it was in fact on track to hit its ridership targets.

Officials were hoping that after its first month, the connector's average weekday boarding count would clock in at around 1,125 passengers.

It in fact came in at 1,123, and continued a slow but steady climb.

By early November it was handling on average 1,346 passengers on any given weekday. The connector consistently records its highest numbers on Fridays, and its Thursday counts with only a couple of early blips have been steady in the four-digit range too.

Ridership early in the week, on Mondays, Tuesdays and Wednesdays, was a little slower to increase. But by the latter part of September, the counts on those days were consistently topping 1,000.

Ahrendsen has said managers are hoping the connector will average handling 1,575 weekday riders at the six-month mark and 2,025 a day after a year.

The connector also operates on Saturday, with a 20-minute headway between buses instead of the weekday 15-minute standards.

Saturday boarding counts through the first 12 weeks of operation tended to come in at roughly half the weekday average, and were more prone to swing between peaks and valleys.

It'd served as few as 293 riders on a Saturday, and as many as 929.

Friday runs, by contrast, have accounted for anywhere between 1,026 and 1,607 boardings of each week's total.

The shuttle links Golden Belt, the city's downtown bus station and Duke Medical Center, traversing Main Street for much of its run.

Seeking saner way to plan for roads, transit

With six transportation planning groups, Charlotte region suffers.

Charlotte Observer: Posted: Wednesday, Nov. 17, 2010

If you live in Cabarrus County and drive to work in Charlotte, did you know you're going from one transportation planning region to another? Same if you live in Gaston County, Fort Mill, S.C., or at Lake Norman yet work or shop in Mecklenburg.

The Charlotte region is divided among six different transportation planning groups - seven if you count Hickory. But in the real world, away from bureaucratic inanity, people cross city and county lines all the time. Road and land use decisions made in one place affect people all around the area. Anyone with a lick of common sense could see it's nuts to splinter the planning into so many different groups.

More is at stake than just a wish for a better organized bureaucracy. The N.C. Department of Transportation doles out some of its transportation money based on priorities set by each of those separate groups, called metropolitan planning organizations or MPOs. Yet no MPO is charged with getting the big picture of the overall needs of the whole Charlotte region, and then setting priorities.

Here's another reason it matters: The U.S. Department of Transportation, as it divvies up federal money, is shifting away from special-interest earmarks and looking pointedly at regional transportation plans. This makes sense. With limited transportation funds, don't you want the feds giving it to places that have strong regional plans for using the money in ways that do the most good for the most people?

Indeed, U.S. Transportation Secretary Ray LaHood will be in Charlotte today to bring that message to local business and government leaders.

But that means the Charlotte area - carved into six transportation planning groups with no unified regional strategy - will be at a notable disadvantage competing for federal money.

It's time to end this nuttiness. Just a look at the names of the different groups illustrates the silliness. We have MUMPO, GUAMPO, CRMPO and RFATS. That would be Mecklenburg-Union, Gaston Urban Area, Cabarrus-Rowan and Rock Hill-Fort Mill MPOs. We even have Rural Planning Organizations - LNRPO (Lake Norman) and RRRPO (Rocky River).

A just-released study from the regional council of governments and N.C. DOT used more restrained language than we are. It found comparable metro regions with unified MPOs had better regional planning - duh!- and better relationships with state DOTs. It said consolidating our MPOs and RPOs might mean more transit funding and could help leverage existing roads funding. The study didn't recommend full merger, mostly because it would be politically unpopular. Elected officials in smaller communities like local control and don't want to lose out on any roads money. After all, a regional plan might find funds are more needed elsewhere.

The report, rolled out Monday to dozens of elected officials and regional planners, drew a favorable reaction. An electronic survey at the meeting found 78 percent believed a regional umbrella group for transportation planning was either necessary, desirable or both. But 46 percent opposed a fully merged regional transportation group.

It's a good start. But it's up to all the region's elected and civic leaders to push the idea from here. Without smarter planning that looks at the whole region, the whole region will lose.

As taxes rise on gas, will legislators impose a ceiling?

The News and Observer Submitted by BruceSiceloff on 1/4/2011 - 02:00 a.m.

Happy new tax increase, fellow motorists.

North Carolina's motor fuels tax registered a quiet increase of 0.6 cents per gallon on Saturday, the first day of 2011.

Our new state gas tax is 32.5 cents a gallon, and that's an all-time high for North Carolina.

Is this a big deal? That depends on how you look at it.

When you add a state inspection fee of 0.25 cents and the federal fuel tax (unchanged since 1992) of 18.4 cents, our government collects a total of 51.15 cents on every gallon we pump.

My solar-powered calculator tells me we're paying about \$7.25 in state and federal taxes on every 15-gallon tankful, and that's 9 cents more than we paid in December.

Our legislators will want to know what we think about this. They'll have to decide this spring whether to let the gas tax keep climbing - or to put a lid on it, as they did in 2006.

Most of the stuff we buy comes with a sales tax that is figured as a simple percent of the retail price. When the price of a shirt rises, the sales tax rises, and nobody notices much.

Gas taxes and gas prices are different. They rise and fall, and we notice. Do we notice too much?

The gas tax is North Carolina's primary source of transportation money - followed by the highway use tax collected on car sales, and various vehicle fees. It's what we use to build new roads and maintain old ones, and to cover other transportation costs.

By state law, the tax is recalculated every six months, in two parts. It's a flat rate of 17.5 cents plus a variable that is the higher of two other numbers: either a second flat rate (currently 12.4 cents) or 7 percent of the wholesale fuel price.

Nobody cared about this until a few years ago, when fuel prices started climbing and that 7 percent calculation started pushing the tax rate higher, fast.

The tax reached 29.9 cents in 2006, and the legislature decided not to let it rise any more.

This made drivers feel a little better, although it didn't keep pump prices from climbing past \$3 and \$4. Over three years, the tax cap eliminated a few hundred million dollars of revenue the state Department of Transportation would have used for building and maintaining roads.

Then in 2009, fuel prices were down and the tax was about to drop by a couple of pennies. To keep DOT from falling into a deeper revenue hole, the legislature turned that tax ceiling into a tax floor: 29.9 cents became the minimum gas tax instead of the maximum, and it was allowed to rise higher.

Lately, as wholesale prices have climbed, the tax has reached 32.5 cents.

The law that determines the gas tax is scheduled to expire June 30. So the new Republican majority in the legislature must revisit the issue of gas tax ceilings and floors in time to determine the rate that will take effect in July.

Sen. Richard Stevens of Cary, one of a handful of Republicans who voted in 2009 to let the tax rise above 29.9 cents for two years, predicted his party would not want to see it go any higher in July.

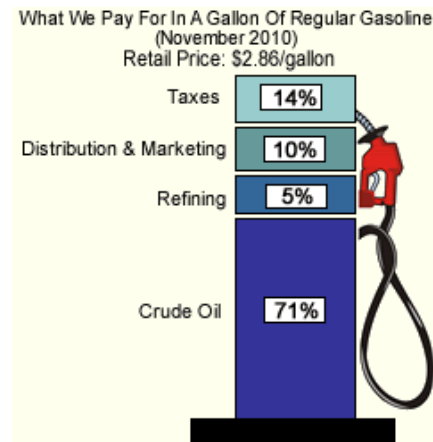
"Republicans have generally said we're not in favor of any tax increase, and that would include continuing any temporary tax increase that would automatically expire otherwise," Stevens said. "You don't raise taxes in a recession, especially when the cost of gas is going up in general."

A few other states have changed their gas taxes for 2011 - up 6 cents a gallon in Oregon, down a fraction in Nebraska - according to the American Petroleum Institute.

North Carolina's tax appears to be the highest in the Southeast, except for Florida's, and 13th highest of all the states.

Where does the gas money go?

Submitted by BruceSiceloff on 01/04/2011 - 11:14 AM



So, as the Road Worrier reported today in a column clogged (sorry!) with numbers, North Carolina drivers now pay a record 51.15 cents in state and federal taxes on every gallon of gas.

One reader wonders: How is the rest of the money divvied up? Here's an online comment from PhantomLord:

\$7.25 on a 15 gallon tank in taxes. I would guess this dwarfs what the evil Big Oil companies make on it.

Setting aside questions of good and evil, the answer to PhantomLord is: No, the oil companies get a lot more than the government gets when we buy gas.

The U.S. Energy Information Administration explains that the money we pay for gas is divided several ways. Every now and then the EIA updates its graphical representation to show the changing retail price, and to show changes in tax rates, distribution and marketing costs and profits, refining costs and profits, and the price of crude oil.

Crude always accounts for the biggest share, but the percentages change from month to month. This historical file shows that, back in January 2000, 32 percent of the average retail gas price (\$1.289) went to state and federal taxes, and 47 percent went to the cost of crude.

State taxes (not federal taxes) on gas have increased since then, but crude costs have increased a lot faster. By November 2010, the most recent month for which the EIA did this math, the tax share of the gas price (\$2.859) shrank to 14.1 percent -- and the crude share swelled to 71.1 percent.

In the Triangle, where today's average pump price is \$3.022 a gallon for regular, the tax share of the total is 16.9 percent.

In other words, Big Oil's share of the money we pay for gas is big and getting bigger. Even as taxes rise, the tax share is shrinking.