

December 10, 2014
9:00 a.m.

Committee Room
2nd Floor Durham City Hall

1. Roll Call

2. Ethics Reminder

It is the duty of every Board member to avoid conflicts of interest. Does any Board member have any known conflict of interest with respect to any matters coming before the Board today? If so, please identify the conflict and refrain from any participation in the particular matter involved.

3. Adjustments to the Agenda

4. Public Comments

5. Directives to Staff (Attachment 5)

CONSENT AGENDA (9:05-9:10)

6. November 12, 2014 Board Meeting Minutes

Attachment 6

A copy of the November 12, 2014 Board meeting minutes is enclosed as Attachment 6.

Board Action: Approve minutes of the November 12, 2014 Board meeting.

7. 2015 MPO Board and Technical Committee Meeting Schedule

Attachment 7

Lindsay Smart, LPA Staff

The 2015 MPO Board and Technical Committee meeting schedule is provided as Attachment 7.

Board Action: Adopt the 2015 MPO Board and Technical Committee meeting schedule.

8. FY 2015 Unified Planning Work Program (UPWP) – Amendment #1

Attachment 8, 8A

Meg Scully, LPA Staff

The Lead Planning Agency staff is requesting an amendment to the FY2015 Unified Planning Work Program (UPWP) to reallocate, de-obligate and add funding for several jurisdictions and funding programs. The attached memorandum and resolution with tables provides details.

TC Recommendation: Recommend MPO Board approval of FY 2015 UPWP Amendment #1.

Board Action: Approve FY 2015 UPWP Amendment #1.

ACTION ITEMS

9. Resolution to Honor Commissioner Alice Gordon's Service to the DCHC MPO (9:10-9:20)

Attachment 9

Lindsay Smart, LPA Staff

Commissioner Gordon has served the citizens of Orange County and the DCHC MPO planning area tirelessly since she was first elected to the County Commission in 1990. For the past 24 years she has represented Orange County on the DCHC MPO Board and served as Board Chair in 1996, 1997, 2007 and 2008. She also served as Vice Chair in 1998, 1999, 2005 and 2006. Commissioner Gordon is an experienced and dedicated leader, providing insight, attention to detail, and support for regional transportation programs, initiatives, and projects. Through this resolution the MPO Board would like to extend their sincere thanks to Commissioner Gordon for her years of distinguished service to the MPO region.

Board Action: Approve the resolution.

10. Draft Amendment #23 to FY2012-2018 TIP (9:20-9:30)

Attachment 10

Lindsay Smart, LPA Staff

New STIP Project #C-5571: NCRR/NCDOT Public Outreach and Awareness Program: Adding a new project to the FY 2012-2018 TIP with CMAQ funds. Project name/description is: NCRR NCDOT Piedmont and Carolinian Passenger Rail Service. Public Outreach and Awareness Program. Funds for implementation, project requested by NCDOT Transportation Planning Branch. Project was included in the Item N Handout for the NCDOT BOT November 5, 2014 meeting.

STIP Project #EB-4707: US 15-501 in Orange County to SR 1116 Garrett Road in Durham County, also called Old Durham Chapel Hill Road: Project description is to construct bicycle, pedestrian, and transit improvements, and a roundabout. The proposed modification to this project is to apply the MPO's TAP funds, STP-DA funds, and local funding match to the project based on updated cost estimates provided by NCDOT Division 5 Project Manager. The modification also proposes updates the project schedule to move R/W from 2014 to 2015 and construction from 2015 to 2016.

TC Recommendation: Release draft TIP amendment #23 for public review & comment period.

Board Action: Release draft TIP amendment #23 for 21-day public review & comment period.

11. Presentation on MPO Human Services Transportation Grants (9:30-9:50)**No attachment****Meg Scully, LPA Staff**

The MPO has been receiving grant funds since 2008 through the Job Access/Reverse Commute and New Freedoms grant program to support human service transportation service in the region. This presentation will provide an overview of these and additional grant programs in the six years since.

Board Action: Receive the presentation.**12. Election of 2015 MPO Board Officers (9:50-9:55)****No Attachment**

The election of officers for the upcoming calendar year occurs on the agenda at the last MPO Board meeting of every year. The MPO Board Chair appointed a nominating committee in October to report back to the MPO Board in December.

The MPO Board Bylaws state that officers cannot serve more than two consecutive terms. In addition, the Chair shall rotate among the jurisdictions represented in Durham County, Orange County, and Chatham County so that successive chairs come from different counties. For example, if the Chair is from the City of Durham or Durham County, the next Chair shall be from Carrboro, Chapel Hill, Hillsborough, Orange County, or Chatham County. The Vice-Chair shall be from a jurisdiction located in one of the two other counties.

Ellen Reckhow and Mark Kleinschmidt are in their second terms as MPO Board Chair and Vice-Chair, respectively, and are therefore ineligible to serve another term in their current offices.

Board Action: Elect a Board Chair and Vice-Chair for 2015.**REPORTS:****13. Report from the Board Chair****Ellen Reckhow, Board Chair****Board Action:** Receive Report from Board Chair**14. Report from the Technical Committee Chair****Mark Ahrendsen, TC Chair****Board Action:** Receive Report from TC Chair**15. Report from LPA Staff****Attachment [15](#)**

Felix Nwoko, LPA Staff

Board Action: Receive report from staff.

16. NCDOT Report

Attachment [16](#)

Battle Whitley, Division 5 – NCDOT

Mike Mills (Pat Wilson), Division 7 – NCDOT

Rob Stone (Darius Sturdivant), Division 8 - NCDOT

Julie Bollinger, Transportation Planning Branch – NCDOT

Kelly Becker, Traffic Operations – NCDOT

Board Action: Receive report of NCDOT

INFORMATIONAL ITEMS

17. City Hall Renovations will displace meetings scheduled in the 2nd Floor Committee Room. From January 2015 through April 2015, MPO Board meetings will be held in the Durham City Council Chambers.

No Attachment

18. MPO/RPO Important Dates July 1, 2014 – June 30, 2016

Attachment [18](#)

19. NC Access Program Goals

Attachment [19](#)

Mike Stanley, NCDOT

20. Wake County Transit Strategy Purpose and Working Schedule November 2014

Attachment [20](#)

21. Recent News Articles and Updates

Attachment [21](#)

22. DCHC MPO FFY 2014 Authorizations

Attachment [22](#)

The NCDOT STIP Unit provided this list of project authorizations within the DCHC MPO counties that occurred during the subject fiscal year. Each record in the list identifies the date of the authorization, amount and type of funds authorized (State or Federal), and the project number. The list includes all project authorizations within the counties that are partially or fully within our MPO. Therefore, depending upon the MPO boundary some of the projects on the list may not fall within the MPO's jurisdiction.

There were some instances where all of the funds that were previously authorized were not needed. In these cases we removed a portion of the funding authorization and this negative value is denoted by parentheses.

Adjourn

Next meeting: January 14, 2015, 9 a.m., Durham City Council Chambers

Dates of Upcoming Transportation-Related Meetings: None

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www.twitter.com/dhcmpo

MPO Board Directives to Staff
 Pre-12/31/12 (Pending/In Progress/On Going)
 01/01/14– Present (Completed/Pending/In Progress)

Meeting Date	Directive	Status
3/9/11	Improve public outreach and add links to other transportation organizations to the MPO website	<u>In Progress:</u> DCHC MPO is now on Twitter. Website redevelopment is underway.
12/12/2012	Investigate ways to improve the development of socio-economic data for the 2045 MTP	<u>In Progress:</u> Staff is creating updated Community Viz model.
12/12/2012	Provide a report on how the Bennett Road and Mount Carmel Church Road intersection can be improved and funded	<u>In Progress:</u> Subject to Prioritization 3.0 process.
8/13/2014	Letters to Division Engineers, Secretary Tata, etc. RE: SPOT 3.0 Prioritization Process	<u>Completed:</u> Letters sent on 8/18/2014.
9/10/2014	Letters to NCDOT Congestion Management to extend comment period deadline for US 15/501 Corridor Study.	<u>Completed:</u> Letters sent on 9/10/2014.
9/10/2014	Submit memo to NCDOT Congestion Management with formal MPO comments on draft US 15/501 Corridor Study.	<u>Completed:</u> Memo sent on 9/10/2014.
9/10/2014	Resolution to Honor Wally Bowman	<u>Completed:</u> Resolution prepared for 10/8/2014 meeting.
9/10/2014	Facilitate Complete Streets Policy presentations from NCDOT and MPO member jurisdictions.	<u>Completed:</u> NCDOT and MPO members have been contacted and presentations have been requested.
10/8/2014	Resolution to Honor Alice Gordon	<u>In Progress:</u> Resolution will be on <u>12/10/2014 Board meeting agenda.</u>

1 **DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION BOARD**

2 **November 12, 2014**

3 **MINUTES OF MEETING**

4 The Durham-Chapel Hill-Carrboro Metropolitan Planning Organization Board met on November
5 12, 2014 at 9:00 a.m. in the Council Committee Room on the second floor of Durham City Hall. The
6 following attended:

7	**Diane Catotti	City of Durham
8	**Alice Gordon	Orange County
9	**Eric Hallman	Town of Hillsborough
10	*Ed Harrison (Alternate)	Town of Chapel Hill
11	**Mark Kleinschmidt	Town of Chapel Hill (Vice-Chair)
12	**Bernadette Pelissier	Triangle Transit
13	**Steve Schewel	City of Durham
14	**Damon Seils	Town of Carrboro
15	**Brenda Howerton	Durham County
16	**Jim Crawford	NCDOT BOT
17		
18	Mark Ahrendsen	DCHC MPO/City of Durham
19	Ellen Beckmann	City of Durham
20	David Bonk	Town of Chapel Hill
21	Andy Henry	DCHC MPO
22	John Hodges Copple	Triangle J COG
23	Battle Whitley (Alternate)	NCDOT, Division 5
24	Bret Martin	Orange County
25	Patrick McDonough	Triangle Transit
26	Natalie Murdock	Triangle Transit
27	Felix Nwoko	DCHC MPO
28	Brian Rhodes	DCHC MPO
29	Meg Scully	DCHC MPO
30	Lindsay Smart	DCHC MPO
31	Patrick Wilson	NCDOT, Division 7
32	Steve Gaddis	D.A.D. (Durham Area Designers)
33	Dan Jewell	D.A.D. (Durham Area Designers)
34	Hannah Jacobson	Durham Planning
35	Dale McKeel	City of Durham
36	Aaron Cain	Durham Planning
37	Scott Whiteman	Durham County

38
39 **Voting Member

40 *Alternate or Non-Voting Member

41

42 Mark Kleinschmidt, Vice-Chair, called the meeting to order at 9:03 a.m. and the Roll Call was
43 conducted.

44 **Ethics Reminder**

45 Mark Kleinschmidt read the Ethics Reminder for Board members and asked Board members if
46 there are any known conflicts of interest with respect of matters coming before the Board and
47 requested that if there were any identified during the meeting for them to be announced. There were
48 no conflicts identified.

49 **Adjustments to the Agenda:**

50 Mark Kleinschmidt stated one item was at their place. Number 12A, Resolution Endorsing the
51 Town of Chapel Hill's Application to the North Carolina Department of Transportation (NCDOT) for a
52 Pedestrian Planning Grant resolution was added at the end.

53 **Public Comments**

54 There were no comments from the public.

55 **Directives to Staff (Attachment 5)**

56 The Directives to Staff were included in the attachments for review by the Board.

57 **CONSENT AGENDA:**

58 **October 8, 2014 Board Meeting Minutes (Attachment 6)**

59 A motion was made by Damon Seils and second by Diane Catotti to approve the October 8, 2014
60 Board Meeting Minutes with the adjustments discussed. The motion carried unanimously.

61 **ACTION ITEMS:**

62 **Railroad Grade Separations in Downtown Durham (Attachment 7)**

63
64 Steve Gaddis provided an introduction on the Railroad Grade Separations in Downtown Durham.
65 Dan Jewell provided a PowerPoint presentation on the Railroad Grade Separations in Downtown
66 Durham. Dan Jewell stated about a year ago the City Council began the Traffic Separation Study which

67 was the separating the railroad tracks from the streets. Dan Jewell stated on October 25, 2014, they
68 met with 30 architectural and landscape engineers, and planners. Three teams brainstormed options
69 for grade separation of the NCRR and Durham-Orange Light Rail Transit tracks through downtown
70 Durham. Dan Jewell stated amongst the three teams, the most important element was adding a light
71 rail station midway between the proposed Dillard Street station and the existing downtown Durham
72 station. Also, adding a station between Mangum Street and Blackwell Street would be a perfect location
73 to provide access to attractions in the center of downtown Durham. Dan Jewell stated there are other
74 options available besides raising the tracks. Dan Jewell stated he would like the designs to a part of the
75 dialogue for the project.

76 Diane Catotti stated she liked the suggested City Center station between Magnum Street and
77 Blackwell Street. Diane Catotti stated these options should be strongly considered by Triangle Transit
78 Authority, whether they were required or not. Ms. Catotti stated a monolith wall would not benefit
79 Durham and the citizens. It does not fit the City's new vision and growth. Ms. Catotti stated a study is
80 needed regarding costings and phasing for the proposed center station. Ms. Catotti stated we should
81 explore resources for federal, state, or local funds, as we know this will be expensive. Ms. Catotti hopes
82 for further discussion about what is the appropriate next step to see this project continue to move
83 forward.

84 Alice Gordon concurred with both Dan Jewell and Diane Catotti's previous comments.

85 Patrick McDonough stated there are some physical constraints to overcome to create a station
86 between Dillard Street and Durham. Patrick McDonough stated what have been discussed are the NCRR
87 regulatory negotiation, funding, technical feasibility, and the safety of another station. It can be looked
88 at; the constraints are on the table and not all constraints are financial.

89 Steve Schewel stated it is complicated, but the City can do better than to create the huge wall.

90 Steve Schewel stated he appreciated the Durham Area Designers for their great ideas and resources for
91 Durham.

92 Damon Seils stated ongoing discussion with the railroad is important. Damon Seils stated any
93 proposal will have a complicated delicate conversation.

94 Mark Kleinschmidt stated presentation was received.

95 **North Carolina Strategic Transportation Corridors (STC) (Attachment 8, A, 8B, 8C, 8D)**

96
97 Andy Henry provided a PowerPoint presentation on the North Carolina Strategic Transportation
98 Corridors (STC), along with the attachments. Mr. Henry stated that NCDOT requested comments on the
99 Strategic Transportation Corridors (STC) by December 2, 2014. Mr. Henry stated that the STC will
100 replace the Strategic Highway Corridors (SHC). Mr. Henry stated there were three strategic goals and
101 scoring criteria used as evaluation elements for corridors: system connectivity; mobility; and, economic
102 prosperity. Andy Henry stated that the Technical Committee (TC) recommends adding three corridors
103 to the Strategic Transportation Corridors (STC): US 70/I-540 from I-85 to US 64; East End Connector/NC
104 147/I-540 from US 70 to US 1; and US 15-501 from the Pittsboro bypass to the Orange County line.
105 Andy Henry stated that the future I-885 will be US 70/East End Connector/NC 147. The western Triangle
106 to Pittsboro connection is US 15-501. The TC did not recommend adding the section of US 15-501 that
107 bypasses Chapel Hill, often called the Boulevard, because Chapel Hill might find it more difficult to
108 influence the cross-section of future improvements on that roadway if it is part of the STC. Andy Henry
109 stated that staff used three considerations to select roads on the STC: will the STC designation improve
110 chances for funding?; will the local government lose some control of the future design?; and, if a
111 roadway is recommended, it should be scored as the other STC facilities.

112 Diane Catotti stated she appreciated NC 147 being added with the East End Connector. Ms.
113 Catotti asked about why not designate all of NC 147.

114 Andy Henry stated there is a stronger case for US 70 and the East End Connector which goes
115 through Research Triangle Park (RTP).

116 Diane Catotti asked is there any disadvantage to designating NC 147 all the way to I-85.

117 Andy Henry stated there would likely be less local control; and the freeway is not in the 2040
118 MTP and thus won't be widened. Mr. Henry stated the East End Connector work will begin in February
119 2015.

120 Andy Henry stated the recommendation to add the US 15-501 corridor to the STC is contingent
121 upon the Chatham Board of County Commissioners taking action to do so.

122 Damon Seils supported adding the first two items to the list and tabling the third item until
123 more information is communicated by the Chatham County Board on the US 15-501 corridor addition.

124 A motion was made by Damon Seils and seconded by Alice Gordon to the modified motion. The
125 modified motion carried unanimously.

126

127 **Section 5339 Bus and Bus Facilities – Approval of the Program Management Plan (PMP) (Attachment**
128 **9)**

129
130 Meg Scully stated a draft attachment of the Program Management Plan was included in the
131 packet. Meg Scully stated that the MAP-21 introduced the Section 5339 Program for transit operators
132 to replace and refurbish buses and bus facilities. Ms. Scully stated DCHC MPO has been authorized as
133 the Designated Recipient (DR) and as DR must develop a Program Management Plan (PMP) to guide FTA
134 management reviews and describe the management process of the MPO. Meg Scully stated the action
135 today is for DCHC MPO Board to approve the Program Management Plan (PMP).

136 A motion was made by Damon Seils and seconded by Alice Gordon to approve the Program
137 Management Plan of the Section 5339 program. The motion carried unanimously.

138 **Section 5339 Bus and Bus Facilities – Public Hearing and Approval for the Program of Projects**
139 **(Attachment 10)**

140 Public Hearing and Approval of the Program of Projects, along with attachment (draft Program
141 of Projects). Ms. Scully provided background information on the program. Ms. Scully stated the
142 Program of Projects included both federal fiscal year 2013 and federal fiscal year 2014 and that the
143 DCHC MPO Board approved the split of funds in June 2013 and April 2014. Ms. Scully stated over
144 \$800,000 each year was divided among Chapel Hill Transit, Durham Area Transit Authority and Triangle
145 Transit based on the level of funding provided and the approved formula used from past. Meg Scully
146 stated the federal guidance draft for the program was released July 30, 2014. Meg Scully stated the
147 federal guidance recipients are required to develop program of projects based on level of funding as
148 well as to allow citizens public hearing opportunities.

149 Meg Scully stated the action for today is for a public hearing and approval of the 5339 Program
150 of Projects; the Technical Committee recommended both.

151 The public hearing was opened. Mark Kleinschmidt asked if there were any members of the
152 public interested in speaking on this agenda. Mark Kleinschmidt noted that there were no members
153 from the public and no objections; public hearing closed.

154 Alice Gordon requested explanation of color coding. Meg Scully clarified the coding color.

155 A motion was made by Mark Kleinschmidt and seconded by Diane Catotti for approval of the
156 program of projects. The motion carried unanimously.

157 **FY 2012-2018 TIP Amendment #21 (Attachment 11, 11A)**

158
159 Lindsay Smart provided an introduction and update on the FY 2012-2018 TIP Amendment #21,
160 along with attachments. DCHC MPO Board reviewed the draft TIP amendment #21 at the October 8,
161 2014, meeting and released it for public review and comments. Lindsay Smart stated there had been no
162 public comments received. She stated the action today is for public hearing and TIP amendment
163 approval.

164 Public hearing was opened. Mark Kleinschmidt Mark Kleinschmidt asked if there were any
165 members of the public interested in speaking on this agenda item. Mark Kleinschmidt noted that there
166 were no members from the public. Mark Kleinschmidt noted that there were no members from the
167 public and stated no comments; public hearing closed.

168 Alice Gordon stated no objections on principal. She wanted understanding of the projects and
169 the STP-DA funds. Lindsay Smart further explained the TIP amendment project summary sheet and the
170 allocation of STP-DA funds for the projects listed in the summary.

171 A motion was made by Damon Seils and seconded by Alice Gordon to move money. The motion
172 carried unanimously.

173 **FY 2012-2018 TIP Amendment #22 (Attachment 12)**

174
175 Lindsay Smart provided information on the draft FY 2012-2018 TIP Amendment #22, including
176 the attachments. Lindsay Smart informed the Board that the action today is to approve the release of
177 the draft TIP Amendment #22 for the 21-day public review and comment period. The TIP Amendment
178 #22 included 4 projects, one of which is the Ephesus Church Road and Fordham Boulevard an
179 intersection realignment project that will be a new project in the TIP. The Town of Chapel Hill received
180 approval and is working with NCDOT to accelerate project using National Highway Program funds with
181 the state's reimbursement program.

182 Mark Kleinschmidt stated Chapel Hill should be able to receive reimbursement for local funds
183 spent on this project.

184 Lindsay Smart explained the other three projects in the draft TIP amendment were for NCDOT
185 projects in the MPO area and were included in the TIP amendment at the request of the NCDOT. She
186 also explained that adding new projects to the TIP or changes over \$1,000,000 to any project in the TIP
187 required public review and comments.

188 A motion was made by Alice Gordon and seconded by Bernadette Pelissier to release
189 the draft TIP amendment for public review and comment period. The motion carried unanimously.

190 **Resolution Endorsing the Town of Chapel Hill's Application to the North Carolina Department of**
191 **Transportation (NCDOT) for a Pedestrian Planning Grant (Attachment 12A)**

192
193 Mark Kleinschmidt introduced the resolution added and seeking the DCHC MPO Board support
194 on grant application for pedestrian planning projects.

195 Diane Catotti asked if there were any cost implications to the DCHC MPO Board. Mark
196 Kleinschmidt stated that there would be no funding requirements for the MPO. Mark Kleinschmidt
197 stated that the Council is seeking grant and it would be helpful to the application to have a resolution of
198 support from the DCHC MPO Board.

199 A motion was made by Diane Catotti and seconded by Bernadette Pelissier to support the
200 resolution. The motion carried unanimously.

201 **REPORTS:**

202 **Report from the Board Chair**

203 Mark Kleinschmidt, Vice-Chair, stated that the Chair was not present. Mark Kleinschmidt made
204 the Board aware that today was Alice Gordon's last day with the DCHC MPO Board. Mark Kleinschmidt
205 wanted to publically thank Alice Gordon for her service to the Board and mentioned that her attention
206 to detail would be missed. Commissioner Gordon's leadership on the DCHC MPO Board was
207 commendable, and on the behalf of the Town of Chapel Hill, he thanked her for her service.

208 Alice Gordon thanked Mark Kleinschmidt for his comments.

209 **Report from the Technical Committee Chair**

210 Mark Ahrendsen stated that the Attachment 19 informational articles include an update on
211 transit system improvements that have been made possible by of the half-percent sales tax revenue.
212 Mark Ahrendsen stated a lot of work and publicity are focused on the billion dollar light rail project.

213 Mark Ahrendsen stated the light rail project as well as transit services have been improved because of
214 the sales tax. Transit I expansions in Durham County and Orange County, more frequent bus stops, and
215 additional shelters placed throughout the transit systems have all been made possible by the sales tax.

216 Patrick McDonough stated that TTA is preparing maps for new services; and the maps will be
217 ready for the next DCHC MPO Board meeting. Diane Catotti asked if the maps will be shared with the
218 full DCHC MPO Board. Patrick McDonough stated yes.

219 Bernadette Pelissier stated Attachment 17 shows the proposed upcoming Durham-Orange Light
220 Rail Transit project meetings and encouraged attendance for at least one of the meetings.

221 Mark Ahrendsen stated the Attachment 19 has news articles related to bicycle and pedestrian
222 safety issues. Mark Ahrendsen stated that bike and ped safety continues to be an important
223 consideration in all current and long-term projects.

224 Ed Harrison stated Durham has had two city citizens to die in the month of October, lots of bus
225 fatalities.

226 **Report from LPA Staff (Attachment 15)**

227 Felix Nwoko stated the new website is almost complete. Felix Nwoko stated Granicus agenda
228 system training is scheduled for November 13 – 14, 2014. Felix Nwoko stated that Granicus full
229 deployment may occur in January.

230 Dale McKeel stated the Transportation Demand Management (TDM) program show cased in
231 Golden Modes program event, Thursday, November 13, 2014, from 2:30 p.m. to 4:30 p.m. at Research
232 Triangle Park.

233 **NCDOT Report (Attachment 16)**

234 Battle Whitley, Division 5, Engineer Operations, provided an update on projects. Battle Whitley
235 stated that one project, Hobson Road U4716, is over 80 percent complete and the project should be
236 complete in about two years. Battle Whitley stated the reason that it is not finished is because NCRR

237 needs to do railroad track work before the contractor can complete the job. Mr. Whitley stated Mr.
238 Joey Hopkins, Division 5 District Engineer, has indicated that the draft STIP will be released next month.
239 Mr. Whitley stated Mr. Hopkins requested the DCHC MPO Board be prepared to comment on it before
240 the Board final approval in June or July 2015. Battle Whitley stated the East End Connector and U-0071
241 is the only two digit project number remaining in the TIP and bid is available next week.

242 Patrick Wilson, Division 7 Engineer, stated there were no specific projects to report, other than
243 items noted in the report. Patrick Wilson stated he was following up on three items discussed in
244 October 8, 2014, meeting. Patrick Wilson stated the information requested was provided to the
245 individuals. Lindsay Smart stated the follow-up questions were provided to Ed Lewis, Diane Catotti and
246 Alice Gordon by e-mail. Council Member Schewel stated he received the email from Lindsay to the
247 Board with the follow-up questions. Lindsay Smart stated she would send them out again in case they
248 were in a spam folder.

249 **INFORMATIONAL ITEMS:**

250 **Light Rail and Our Transit Future Public Meetings (Public meeting flyer/Press release) (Attachment 17)**

251 **Sharing the ride on NC transportation costs (NC Go opinion) (Attachment 18)**

252 **Recent News Articles and Updates (Attachment 19)**

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

254 **Adjournment**

255 There being no further business before the MPO Board, the meeting was adjourned at 10:26

256 a.m.

DCHC MPO Meeting Dates 2015
Durham City Hall, Committee Room

MPO Board
2nd Wednesday of the month, 9 am

Technical Committee
4th Wednesday of the month, 9 am

January 14	January 28
February 11	February 25
March 11	March 25
April 8	April 22
May 13	May 27
June 10	June 24
No Meeting this month	July 22
August 12	August 26
September 9	September 23
October 14	October 28
November 11	November 18**
December 9	December 16**

** One week earlier than usual (3rd Wednesday of the month)

TAC meetings are occasionally moved to 7 pm to accommodate public hearings.
Appropriate notice will be provided for schedule changes.

MEMORANDUM

To: DCHC MPO Board

From: DCHC MPO Lead Planning Agency Staff

Date: December 10, 2014

Subject: FY 2015 Unified Planning Work Program – Amendment #1

The Lead Planning Agency (LPA) staff is requesting an amendment to the FY2015 Unified Planning Work Program (UPWP). The proposed amendment is necessary in order to reflect the following:

- reallocation of funds by Orange County (to reflect expected level of effort for remainder of year)
- de-obligation of STP-DA funds by Orange County (to purchase transit vehicle)
- de-obligation of STP-DA funds by Carrboro (will not do full parking study as originally planned)
- additional 5307 and 5309 funds for Chapel Hill Transit (Long-range Financial Sustainability Study and Martin Luther King Jr. Blvd Alternatives Analysis)
- new TIGER 6 Planning Grant funds for City of Durham (Duke Belt Line Trail Master Plan)

The UPWP provides yearly funding allocations to support the ongoing transportation planning activities of the DCHC MPO. The UPWP must identify MPO planning tasks to be undertaken with the use of federal transportation funds, including highway and transit programs. Funds that would not be expended during the current fiscal year (FY15) must be de-obligated through an amendment in order for the funds to be available (carried over) for programming during the next fiscal year.

The proposed revisions are illustrated in amendment tables below.

Orange County – STP-DA Proposed Amendment #1 (re-allocate and de-obligate funds)*

Description	After Amend. #1 (total share–100%)	Change (total share–100%)	Original (total share–100%)
Dwelling Unit, Pop. & Emp. Change	\$ 0	-\$6,358	\$6,358
Mapping	\$ 806	-\$2,094	\$2,900
Collection of Base Year Data	\$ 806	-\$4,069	\$4,875
Forecast of Data to Horizon Year	\$ 0	-\$ 4,875	\$ 4,875
Short Range Transit Planning	\$ 13,008	\$ 7,179	\$ 5,829
Planning Work Program	\$ 966	-\$ 994	\$ 1,960
TIP	\$ 645	-\$ 3,038	\$ 3,683
Special Studies	\$ 0	-\$ 990	\$ 990
Regional or Statewide Planning	\$ 0	-\$ 3,179	\$ 3,179
Management & Operations	\$ 13,799	-\$ 6,865	\$ 20,664
Total Revision	\$ 30,030	-\$ 25,283	\$ 55,311

Town of Carrboro – STP-DA Proposed Amendment #1 (de-obligate funds for full parking study)*

Description	After Amend. #1 (total share–100%)	Change (total share–100%)	Original (total share–100%)
Special Studies	\$ 2,551	-\$ 150,000	\$ 152,551
Total Revision	\$ 34,008	-\$ 150,000	\$ 184,008

Chapel Hill Transit – FTA 5307 Proposed Amendment #1 (to reflect full funding for Long-Range Financial Sustainability Study)*

Description	After Amend. #1 (total share–100%)	Change (total share–100%)	Original (total share–100%)
Financial Planning	\$ 357,506	\$ 107,506	\$ 250,000
Total Revision	\$ 462,031	\$ 107,506	\$ 354,525

Chapel Hill Transit – FTA 5309 Proposed Amendment #1 (to reflect full funding for Martin Luther King Jr. Blvd Alternatives Analysis)*

Description	After Amend. #1 (total share–100%)	Change (total share–100%)	Original (total share–100%)
Special Studies	\$ 543,355	\$ 280,855	\$ 262,500
Management & Operations	\$ 50,000	\$ 50,000	\$ 0
Total Revision	\$ 593,355	\$ 330,855	\$262,500

City of Durham – TIGER 6 Planning Grant Proposed Amendment #1 (to reflect new funding for Duke Belt Line Trail Master Plan)*

Description	After Amend. #1 (total share–100%)	Change (total share–100%)	Original (total share–100%)
Special Studies	\$ 278,375	\$ 278,375	\$ 0
Total Revision	\$ 278,375	\$ 278,375	\$ 0

*These tables only include tasks for which changes have been requested.

RESOLUTION

TO APPROVE AMENDMENT #1 TO THE FY 2014-2015 UNIFIED PLANNING WORK PROGRAM OF THE DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION (DCHC MPO)

December 10, 2014

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

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

WHEREAS, The Durham-Chapel Hill-Carrboro MPO requests an amendment to the 2014-2015 UPWP as outlined on the attached tables; and

WHEREAS, Members of the Board agree that the Unified Planning Work Program amendment effectively advances transportation planning for 2014-2015

Now, therefore, be it resolved that the Board hereby endorses Amendment #1 of the Durham-Chapel Hill-Carrboro Urban Area Unified Planning Work Program for the FY 2014-2015 as described in the attached sheets.

I, Ellen Reckhow, MPO Board Chair, do hereby certify that the above is a true and correct copy of an excerpt from the minutes of a meeting of the Durham-Chapel Hill- Carrboro Urban Area MPO Board, duly held on the 10th day of December, 2014

Signature of Board Chair
Durham-Chapel Hill-Carrboro Metropolitan Planning Organization

STATE OF: North Carolina
COUNTY OF: Durham

I, _____, a Notary Public of _____ County, North Carolina do hereby certify that Ellen Reckhow personally appeared before me on the 10th day of December, 2014, to affix her signature to the foregoing document.

Notary Public

My commission expires: _____

MPO-Wide STP-DA Amendment #1 FY16 UPWP (Includes Orange County and Carrboro Amendments)*

Task/Description	After Amend. #1 (total share–100%)	Change (total share–100%)	Original (total share–100%)
Dwelling Unit, Pop. & Emp. Change	\$ 33,584	-\$ 6,358	\$ 39,942
Mapping	\$114,367	-\$ 2,094	\$ 116,461
Collection of Base Year Data	\$ 37,278	-\$ 4,069	\$ 41,347
Forecast of Data to Horizon Year	\$ 72,153	-\$ 4,875	\$ 77,028
Short Range Transit Planning	\$ 14,641	\$ 7,179	\$ 7,462
Planning Work Program	\$ 22,155	-\$ 994	\$ 23,149
TIP	\$ 27,140	-\$ 3,038	\$ 30,178
Special Studies	\$ 182,148	-\$ 150,990	\$ 333,138
Regional or Statewide Planning	\$ 96,353	-\$ 3,179	\$ 99,532
Management & Operations	\$ 191,973	-\$ 6,865	\$ 198,838
Total Revision	\$ 2,179,808	-\$ 175,281	\$ 2,355,089

MPO-Wide FTA 5307 Amendment #1 (Includes Chapel Hill Transit Amendment)*

Task/Description	After Amend. #1 (total share–100%)	Change (total share–100%)	Original (total share–100%)
Financial Planning	\$ 357,506	\$ 107,506	\$ 250,000
Total Revision	\$ 1,623,376	\$ 107,506	\$ 1,515,870

MPO-Wide FTA 5309 Proposed Amendment #1 (Includes Chapel Hill Transit Amendment)*

Task/Description	After Amend. #1 (total share–100%)	Change (total share–100%)	Original (total share–100%)
Special Studies	\$ 543,355	\$ 280,855	\$ 262,500
Management & Operations	\$ 50,000	\$ 50,000	\$ 0
Total Revision	\$ 593,355	\$ 330,855	\$262,500

MPO-Wide TIGER 6 Planning Grant Proposed Amendment #1 (Includes City of Durham Amendment)*

Task/Description	After Amend. #1 (total share–100%)	Change (total share–100%)	Original (total share–100%)
Special Studies	\$ 278,375	\$ 278,375	\$ 0
Total Revision	\$ 278,375	\$ 278,375	\$ 0

*These tables include only those tasks for which a change was requested.

**RESOLUTION TO HONOR COMMISSIONER ALICE GORDON
ORANGE COUNTY BOARD OF COMMISSIONERS AND DCHC MPO BOARD MEMBER**

December 10, 2014

WHEREAS, Commissioner Alice Gordon has served the citizens of Orange County and the DCHC MPO planning area tirelessly since she was first elected to the County Commission in 1990; and

WHEREAS, for the past 24 years Commissioner Gordon has represented Orange County on the DCHC MPO Board and served as Board Chair in 1996, 1997, 2007 and 2008, and as Vice-Chair in 1998, 1999, 2005, and 2006; and

WHEREAS, Commissioner Gordon has been an experienced and dedicated leader, providing insight, attention to detail, and support for regional transportation programs, initiatives, and projects; and

WHEREAS, from 2006 to 2008, Commissioner Gordon served on the Triangle-wide Special Transit Advisory Commission (STAC) that developed a regional transit system plan and served as the impetus for subsequent transit improvements and the light rail transit plan.

WHEREAS, in 2006, the Leadership Triangle honored Commissioner Gordon with the Goodmon Award for Exemplary Regional Leadership by an Elected Official, stating that, as an Orange County Commissioner, Alice Gordon has "proactively addressed regional growth while enhancing the quality of life that defines the Triangle" and it recognized her contributions in the areas of environmental protection and regional transportation; and

WHEREAS, the Chapel Hill Historical Society honored Commissioner Gordon as a Town Treasure in 2012; and

WHEREAS, Commissioner Gordon received the Village Pride Award from WCHL as a Hometown Hero for contributions to Orange County; and

WHEREAS, Commissioner Gordon's ability to think critically, provide in-depth review of transportation related documents and represent the interests of Orange County on the MPO Board; and

WHEREAS, the contributions Commissioner Gordon has made to the DCHC MPO and her passion for furthering transportation projects in the DCHC MPO region will be missed by all members of the DCHC MPO region.

BE IT THEREFORE RESOLVED that the Durham-Chapel Hill-Carrboro Metropolitan Planning Organization Board hereby sincerely thanks Commissioner Alice Gordon for her service and collaboration with the DCHC MPO Board over the past 24 years, and wishes her the very best in the years to come provided here on this, the 10th day of December, 2014.

Ellen Reckhow, MPO Board Chair

Durham County, North Carolina

I certify that Ellen Reckhow personally appeared before me this day acknowledging to me that she signed the forgoing document.

Date: December 10, 2014

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



Durham - Chapel Hill - Carrboro
Metropolitan Planning Organization Board
December 10, 2014

DRAFT FY 2012-2018 TIP Amendment #23 Summary Sheet

For review & release for 21-day public comment period

- **New STIP Project #C-5571: NCRR/NCDOT Public Outreach and Awareness Program:** Adding a new project to the FY 2012-2018 TIP with CMAQ funds. Project name/description is: NCRR NCDOT Piedmont and Carolinian Passenger Rail Service. Public Outreach and Awareness Program. Funds for implementation, project requested by NCDOT Transportation Planning Branch. Project was included in the Item N Handout for the NCDOT BOT November 5, 2014 meeting.

- **STIP Project #EB-4707: US 15-501 in Orange County to SR 1116 Garrett Road in Durham County, also called Old Durham Chapel Hill Road:** Project description is to construct bicycle, pedestrian, and transit improvements, and a roundabout. The proposed modification to this project is to apply the MPO's TAP funds, STP-DA funds, and local funding match to the project based on updated cost estimates provided by NCDOT Division 5 Project Manager. The modification also proposes updates the project schedule to move R/W from 2014 to 2015 and construction from 2015 to 2016.

TIP AMENDMENT SUMMARY SHEET: Adding/creating a new project

Project Details

Date: Jurisdiction/Agency:

Amendment Requested By: Grantor Grant #

Project Name: MUNIS Grant #

Project Description/Details:

Project Type: (select all that apply)

<input type="checkbox"/> capital	<input type="checkbox"/> planning	<input type="checkbox"/> design/PE	<input type="checkbox"/> right-of-way	<input type="checkbox"/> construction
<input type="checkbox"/> Transit	<input type="checkbox"/> sidewalks	<input type="checkbox"/> trails	<input type="checkbox"/> bike lanes	<input type="checkbox"/> resurfacing
<input type="checkbox"/> signalization	<input type="checkbox"/> intersection	<input type="checkbox"/> ITS	<input type="checkbox"/> safety	<input type="checkbox"/> new road
<input type="checkbox"/> turn lanes	<input type="checkbox"/> operating	<input type="checkbox"/> administration	<input checked="" type="checkbox"/> implementation	<input type="checkbox"/> other

Project Funding Summary Table: please enter the anticipated funding schedule

FY	Work/Phase	Funding Type	Federal Share	State Share	Local Share	Total
2015	implementation	CMAQ	819,000			819,000
2016	implementation	CMAQ	818,000			818,000
Funding Totals:			1,637,000			1,637,000

Total Project Cost

Please provide additional information or full project description if necessary:

New STIP project #C-5571. NCRR NCDOT Piedmont and Carolinian Passenger Rail Service. Public Outreach and Awareness Program. Project added at the request of the NCDOT Transportation Planning Branch. Part of November 5, 2014 NCDOT BOT Item N Handout.

TIP AMENDMENT PROJECT SUMMARY SHEET: Amending an existing project

Amendment Request Details

Date: 02/11/2015

Amendment Requested By: Chapel Hill/Durham

TIP Amendment (change in funding > \$1million or requires conformity) TIP Modification (change in funding < \$1 million)

Existing Project Details

Project Name: US 15-501 in Orange County to SR 1116 Garrett Road in Durham County

STIP/TIP # EB-4707

Jurisdiction/Agency: Chapel Hill/Durham

Grantor Grant #

MUNIS Grant #

There are previous amendments for this project. There are NO previous amendments for this project.

Existing Project Funding Summary Table: please enter the current project schedule

FY	Work/Phase	Funding Type	Federal Share	State Share	Local Share	Total
		(Prior Years)	2,110,000			2,110,000
2014	right of way	O	2,650,000			2,650,000
2015	construction	O	3,100,000			3,100,000
2015	construction	STP-DA	3,920,000		980,000	4,900,000
2015	construction	S(E)	250,000			250,000
Funding Totals:			12,030,000		980,000	13,010,000
						Total Project Cost

Proposed Funding Summary Table: please enter new/proposed project schedule

FY	Work/Phase	Funding Type	Federal Share	State Share	Local Share	Total
2014	PE design/engineering	STP-EB	320,000	80,000	0	400,000
2014	PE design/engineering	STP-DA	409,600	0	102,400	512,000
Funding Totals:			729,600	80,000	102,400	912,000
						Total Project Cost

[Continued on Next Page]

New STIP/TIP # (if applicable):

Project Description/Details/Termini/etc. to be amended (if applicable):

EB-4707 presents the program and schedule of funding for the PE phase of the project. Additional phases of the project such as right of way and construction are programmed as Breaks, EB-4707A and EB-4707B. The total project cost is: \$12,123,722.

Project Breaks are defined as:

EB-4707A: US 15-501 IN ORANGE COUNTY TO SR 1113 (POPE ROAD) IN DURHAM COUNTY.

EB-4707B: SR 1113 (POPE ROAD) TO SR 1116 (GARRETT ROAD). RIGHT OF WAY IN PROGRESS.

Please provide additional details (if applicable):

See attached spreadsheet titled "December 2014 Cost Estimates by Phase, Jurisdiction, and Funding Type" for full project funding details.



**Please Submit Completed Form to:
Lindsay Smart, AICP email: lindsay.smart@durhamnc.gov**

TIP AMENDMENT PROJECT SUMMARY SHEET: Amending an existing project

Amendment Request Details

Date: Amendment Requested By:

TIP Amendment (change in funding > \$1million or requires conformity) TIP Modification (change in funding < \$1 million)

Existing Project Details

Project Name:

STIP/TIP # Jurisdiction/Agency:

Grantor Grant # MUNIS Grant #

There are previous amendments for this project. There are NO previous amendments for this project.

Existing Project Funding Summary Table: please enter the current project schedule

FY	Work/Phase	Funding Type	Federal Share	State Share	Local Share	Total
2014	right of way	O	2,650,000			2,650,000
2015	construction	O	3,100,000			3,100,000
Funding Totals:			5,750,000			5,750,000
						Total Project Cost

Proposed Funding Summary Table: please enter new/proposed project schedule

FY	Work/Phase	Funding Type	Federal Share	State Share	Local Share	Total
2015	right of way	STP-DA	553,414		138,353	691,767
2015	right of way	TAP	674,000		168,500	842,500
2016	construction	STP-DA	1,632,799		408,200	2,040,999
Funding Totals:			2,860,213		715,053	3,575,266
						Total Project Cost

New STIP/TIP # (if applicable):

Project Description/Details/Termini/etc. to be amended (if applicable):

STIP #EB-4707 is described as: US 15-501 IN ORANGE COUNTY TO SR 1116 (GARRETT ROAD) IN DURHAM COUNTY. BICYCLE, PEDESTRIAN, AND TRANSIT IMPROVEMENTS; AND CONSTRUCTION OF ROUNDABOUT. TOTAL PROJECT COST IS: \$12,123,722.

EB-4707A: US 15-501 IN ORANGE COUNTY TO SR 1113 (POPE ROAD) IN DURHAM COUNTY. BREAK A COST IS: \$3,575,266.

PE for EB-4707 is \$912,000 and is not shown on EB-4707A or EB-4707B, but is shown on EB-4704.

Please provide additional details (if applicable):

See attached spreadsheet titled "December 2014 Cost Estimates by Phase, Jurisdiction, and Funding Type" for full project funding details.



**Please Submit Completed Form to:
Lindsay Smart, AICP email: lindsay.smart@durhamnc.gov**

TIP AMENDMENT PROJECT SUMMARY SHEET: Amending an existing project

Amendment Request Details

Date: Amendment Requested By:

TIP Amendment (change in funding > \$1million or requires conformity) TIP Modification (change in funding < \$1 million)

Existing Project Details

Project Name:

STIP/TIP # Jurisdiction/Agency:

Grantor Grant # MUNIS Grant #

There are previous amendments for this project. There are NO previous amendments for this project.

Existing Project Funding Summary Table: please enter the current project schedule

FY	Work/Phase	Funding Type	Federal Share	State Share	Local Share	Total
2015	construction	STP-DA	3,920,000		980,000	4,900,000
2015	construction	S (E)	250,000			250,000
Funding Totals:			4,170,000		980,000	5,150,000
						Total Project Cost

Proposed Funding Summary Table: please enter new/proposed project schedule

FY	Work/Phase	Funding Type	Federal Share	State Share	Local Share	Total
2015	right of way	STP-DA	2,201,767		550,442	2,752,209
2016	construction	STP-DA	3,907,398	250,000	726,849	4,884,247
Funding Totals:			6,109,165	250,000	1,277,291	7,636,456
						Total Project Cost

[Continued on Next Page]

New STIP/TIP # (if applicable):

Project Description/Details/Termini/etc. to be amended (if applicable):

STIP #EB-4707 is described as: US 15-501 IN ORANGE COUNTY TO SR 1116 (GARRETT ROAD) IN DURHAM COUNTY. BICYCLE, PEDESTRIAN, AND TRANSIT IMPROVEMENTS; AND CONSTRUCTION OF ROUNDABOUT. TOTAL PROJECT COST IS: \$12,123,722.

EB-4707B: SR 1113 (POPE ROAD) TO SR 1116 (GARRETT ROAD). RIGHT OF WAY IN PROGRESS. BREAK B COST IS: \$7,636,456.

PE for EB-4707 is \$912,000 and is not shown on EB-4707A or EB-4707B, but is shown on EB-4704.

Please provide additional details (if applicable):

See attached spreadsheet titled "December 2014 Cost Estimates by Phase, Jurisdiction, and Funding Type" for full project funding details.



**Please Submit Completed Form to:
Lindsay Smart, AICP email: lindsay.smart@durhamnc.gov**

December 2014 Cost Estimates by Phase, Jurisdiction, and Funding Type

STIP #EB-4707 Old Durham Chapel Hill Road / US 15 501 Bike/Ped/Transit Improvements and a Roundabout

EB-4707							
	FUNDING TYPE	Federal Funds	State Funds	Durham Share/Match	Chapel Hill Share/Match	Total By Funding Type	Totals Phase Cost
PE	STP-EB	\$320,000	\$80,000	\$0	\$0	\$400,000	\$912,000
PE	STP-DA	\$409,600	\$0	\$66,560	\$35,840	\$512,000	
<i>PE Phase TOTAL</i>		<i>\$729,600</i>	<i>\$80,000</i>	<i>\$66,560</i>	<i>\$35,840</i>	<i>\$912,000</i>	

Break A (EB-4707A) Chapel Hill							
	FUNDING TYPE	Federal Funds	State Funds	Durham Share/Match	Chapel Hill Share/Match	Total By Funding Type	Break A Totals By Project Phase
R/W	STP-DA	\$553,414	\$0	\$0	\$138,353	\$691,767	\$1,534,267
R/W	TAP	\$674,000	\$0	\$0	\$168,500	\$842,500	
Construction	STP-DA	\$1,632,799	\$0	\$0	\$408,200	\$2,040,999	\$2,040,999
<i>Break A TOTAL</i>		<i>\$2,860,213</i>	<i>\$0</i>	<i>\$0</i>	<i>\$715,053</i>	<i>\$3,575,266</i>	<i>\$3,575,266</i>

Break B (EB-4707B) Durham							
	FUNDING TYPE	Federal Funds	State Funds	Durham Share/Match	Chapel Hill Share/Match	Total By Funding Type	Break B Totals By Project Phase
R/W	STP-DA	\$2,201,767	\$0	\$550,442	\$0	\$2,752,209	\$2,752,209
Construction	STP-DA	\$3,907,398	\$250,000	\$726,849	\$0	\$4,884,247	\$4,884,247
<i>Break B TOTAL</i>		<i>\$6,109,165</i>	<i>\$250,000</i>	<i>1,277,291</i>	<i>\$0</i>	<i>\$7,636,456</i>	<i>\$7,636,456</i>

TOTAL Project Cost (PE + Break A + Break B) \$12,123,722

Project TOTALS by funding type

\$400,000	STP-EB (NCDOT Bike/Ped Division Funds) - distributed to PE phase based on 65% and 35% cost share agreement between Chapel Hill and Durham.
\$8,704,978	Proposed STP-DA Funds (DCHC MPO)
\$674,000	Proposed TAP (DCHC MPO)
\$1,343,851	Durham Match
\$750,893	Chapel Hill Match
\$250,000	NCDOT Match (Pope Road Rndbt)
\$12,123,722	TOTAL PROJECT COST

MEMORANDUM

To: DCHC MPO Board

From: DCHC MPO Lead Planning Agency

Date: December 10, 2014

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

This memorandum provides a summary status of tasks for projects in the FY 2013-2014 Unified Planning Work Program.

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

FY 2014-2015 Unified Planning Work Program (UPWP) – Projects

Comprehensive Transportation Plan (CTP)

- Alternative Analysis – January 2015
- Draft CTP to Local Jurisdictions - April 2015
- MPO Adopt CTP – June 2015
- NCDOT BOT – September 2015
- Final CTP documentation and distribution – October 2015

MPO Community Viz. Scenarios Planning and Visualization -2.0

- ✓ Field verification – Complete
- ✓ Consultant Selection – October 2014
- Focus Groups/Delphi Process – FY 2015
- Model update and testing – FY 2015
- Model/Scenario Building – FY 2015

2014/2015 Base Year Data Collection (Traffic/Travel Time/Crash/Transit)

- ✓ Data collection (Volume/Trucks/Travel Time/Speed) – Fall 2014
- Data collection (Volume/Trucks/Travel Time/Speed) – Spring 2015
- Transit data collection – Fall 2014/Spring 2015 – underway

GIS Online (AGOL)/Data Management

- ✓ AGOL integration with the DCHCMPO Website – September 2014
- Portal for public interactive mapping –On going
- Maintenance and updates – On gong

MPO Congestion Management Process CMP

- ✓ 2014 Report – Under review
- ✓ Mobility Report Card – Draft report under review
- Congestion monitoring – Continuously – On going

MPO Website Update

- ✓ Mapping integration – September 2014
- ✓ Content Editor & System Administration Training – September/October 2014
- ✓ Quality Assurance & Technology Transfer
- ✓ Agenda Portal – September/October 2014
- Launch Stage/Testing – Underway
- Post Launch Services

Triangle Regional Model Update

- Household Survey – Pilot October 2014-March 2015
- Onboard Transit Survey – Pilot October 2014-March 2015
- Parking Survey – underway
- Household Survey – October 2015-January 2016
- Onboard Transit Survey – October 2015-January 2016

Prioritization 3.0/STI/ FY 2016-22 TIP

- ✓ Approval of points – August 13, 2014
- ✓ Submission of points to NCDOT – August 29, 2014

MAP-21 Performance Measurement

Draft TIP

Regional Freight Plan

Regional/State Coordination

Contract Number: C202507 **Route:** I-540
Physical Division: 5 **County:** Durham
Administrative Division: 15 **TIP Number:** R-2635, U-4763B
Length: 18.8 miles **Federal Aid Number:** TIFIA-540(2)
Resident Engineer: George C. Gibson, PE **RE Phone Number:** (919)571-3000
Location Description: NC-540 FROM NC-55 NEAR APEX TO NC-54 NEAR RTP AND NC-147 FROM I-40 TO NC-540.
Type of Work: DESIGN-BUILD LANDSCAPING.
Contractor Name: SOUTHERN GARDEN, INC.
Contract Amount: \$4,800,000.00 **Cost Overrun/Underrun:**
Availability Date: 8/15/2011 **Letting Date:** 4/21/2011
Completion Date: 7/1/2015 **Work Began:** 8/15/2011
Revised Completion Date: **Estimated Completion:**
Last Estimate Thru: **Scheduled Progress:**
Last Estimate Paid: **Actual Progress:**

Contract Number: C202875 **Route:** I-540
Physical Division: 5 **County:** Durham
Administrative Division: 5 **TIP Number:** I-5307, I-5310
Length: 17.133 miles **Federal Aid Number:** IM-0540(23)
Resident Engineer: Michelle H. Gaddy, PE **RE Phone Number:** (919)840-0914
Location Description: I-540 FROM I-40 OVERPASS TO TRIANGLE TOWN BLVD, AND TRIANGLE TOWN BLVD FROM I-540 TO NEW ASPHALT PAVEMENT JOINT.
Type of Work: MILLING, RESURFACING, SHOULDER RECONST, AND STR REHAB.
Contractor Name: FSC II LLC DBA FRED SMITH COMPANY
Contract Amount: \$8,384,157.45 **Cost Overrun/Underrun:** -4%
Availability Date: 2/27/2012 **Letting Date:** 1/17/2012
Completion Date: 11/15/2012 **Work Began:** 2/27/2012
Revised Completion Date: 4/4/2013 **Estimated Completion:** 10/1/2014
Last Estimate Thru: 3/22/2014 **Scheduled Progress:** 100%
Last Estimate Paid: 3/27/2014 **Actual Progress:** 98.56%

Contract Number: C203128 **Route:** SR-1978
Physical Division: 5 **County:** Durham
Administrative Division: 5 **TIP Number:** U-4716, U-4716A, U-4716B, U-4716C
Length: 4.203 miles **Federal Aid Number:** FRA-FR-HSR-0006-10-01-00
Resident Engineer: Michelle H. Gaddy, PE **RE Phone Number:** (919)840-0914
Location Description: CLEGG PASSING SIDING & HOPSON RD GRADE SEPARATION AND CLOSING OF AT-GRADE RR CROSSINGS.
Type of Work: GRADING, DRAINAGE, PAVING, STRUCTURE & TRACKBED.
Contractor Name: FSC II LLC DBA FRED SMITH COMPANY
Contract Amount: \$10,900,447.15 **Cost Overrun/Underrun:** 22.52%
Availability Date: 12/31/2012 **Letting Date:** 11/20/2012
Completion Date: 12/28/2015 **Work Began:** 1/30/2013
Revised Completion Date: 10/21/2016 **Estimated Completion:** 10/21/2016
Last Estimate Thru: 11/7/2014 **Scheduled Progress:** 92%
Last Estimate Paid: 11/20/2014 **Actual Progress:** 84.43%

Contract Number: C203273 **Route:**
Physical Division: 5 **County:** Durham
Administrative Division: 5 **TIP Number:**
Length: 1.189 miles **Federal Aid Number:**
Resident Engineer: E. Boyd Tharrington, PE **RE Phone Number:** (919)562-7000
Location Description: REPLACEMENT OF 4 BRIDGES IN DURHAM CO, 3 BRIDGES IN GRANVILLE CO AND 1 BRIDGE IN VANCE CO.
Type of Work: DESIGN BUILD.
Contractor Name: FSC II LLC DBA FRED SMITH COMPANY
Contract Amount: \$8,800,000.00 **Cost Overrun/Underrun:** 0%
Availability Date: 4/29/2013 **Letting Date:** 3/19/2013
Completion Date: 9/30/2016 **Work Began:** 4/29/2013
Revised Completion Date: **Estimated Completion:** 9/30/2016
Last Estimate Thru: 11/30/2014 **Scheduled Progress:** 20.65%
Last Estimate Paid: **Actual Progress:** 20.65%

Contract Number: C203473 **Route:** US-70
Physical Division: 5 **County:** Durham
Administrative Division: 5 **TIP Number:**
Length: 20.44 miles **Federal Aid Number:**

<p>Resident Engineer: Alan W. Shapiro, PE Location Description: 1 SECTION OF US-70, US-70 BUS, NC-98/US-70 BUS, NC-751, AND NC-55, AND 4 SECTIONS OF SECONDARY ROADS. Type of Work: MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION. Contractor Name: THE LANE CONSTRUCTION CORP Contract Amount: \$4,249,573.80 Availability Date: 3/10/2014 Completion Date: 11/14/2014 Revised Completion Date: Last Estimate Thru: 10/31/2014 Last Estimate Paid: 11/6/2014</p>	<p>RE Phone Number: (919)220-4680 Cost Overrun/Underrun: 5.43% Letting Date: 12/17/2013 Work Began: 3/10/2014 Estimated Completion: 12/23/2014 Scheduled Progress: 99.2% Actual Progress: 86.61%</p>
<p>Contract Number: C203512 Physical Division: 5 Administrative Division: 5 Length: 0.034 miles Resident Engineer: Alan W. Shapiro, PE Location Description: BRIDGE #193 ON SR-1671 (E CLUB BLVD) OVER I-85. Type of Work: BRIDGE REHABILITATION. Contractor Name: PALMETTO INFRASTRUCTURE INC Contract Amount: \$1,250,683.35 Availability Date: 5/1/2014 Completion Date: 11/30/2014 Revised Completion Date: Last Estimate Thru: 10/31/2014 Last Estimate Paid: 11/6/2014</p>	<p>Route: SR-1671 County: Durham TIP Number: Federal Aid Number: RE Phone Number: (919)220-4680 Cost Overrun/Underrun: 19.73% Letting Date: 3/18/2014 Work Began: 5/7/2014 Estimated Completion: 12/31/2014 Scheduled Progress: 99% Actual Progress: 76.02%</p>
<p>Contract Number: DE00100 Physical Division: 5 Administrative Division: 5 Length: 2.633 miles Resident Engineer: Michelle H. Gaddy, PE Location Description: SR 1110 (BARBEE CHAPEL RD/FARRINGTON RD) AND SR 1107 (STAGECOACH RD) Type of Work: SR 1110 WIDENING FOR BIKE LANES Contractor Name: BARNHILL CONTRACTING COMPANY Contract Amount: \$1,645,601.25 Availability Date: 8/18/2014 Completion Date: 11/21/2014 Revised Completion Date: Last Estimate Thru: 10/31/2014 Last Estimate Paid: 11/10/2014</p>	<p>Route: SR-1110 County: Durham TIP Number: W-5205X, EB-4411D Federal Aid Number: STPEB-000S(752) RE Phone Number: (919)840-0914 Cost Overrun/Underrun: 2.34% Letting Date: 7/23/2014 Work Began: 8/26/2014 Estimated Completion: 11/21/2014 Scheduled Progress: 93% Actual Progress: 61.51%</p>
<p>Contract Number: LE00008 Physical Division: 5 Administrative Division: 5 Length: 0 miles Resident Engineer: Mark W. Luther, PE Location Description: NC 54 to Chatham County Line Type of Work: American Tobacco Trail - Phase E Contractor Name: BLYTHE CONSTRUCTION, INC. Contract Amount: \$7,448,449.87 Availability Date: 6/11/2012 Completion Date: 2/20/2014 Revised Completion Date: Last Estimate Thru: Last Estimate Paid:</p>	<p>Route: County: Durham TIP Number: EL-2921E Federal Aid Number: STP-0505(17) RE Phone Number: (919)220-4600 Cost Overrun/Underrun: Letting Date: 2/22/2012 Work Began: Estimated Completion: Scheduled Progress: Actual Progress:</p>

<u>Let (B)</u>	<u>TIP Sub No.</u>	<u>Let Type</u>	<u>Description</u>	<u>Con Est</u>	<u>ROW Est</u>	<u>Status</u>
09/14	C-5178	NON - DOT LET (Congestion Mitigation)	DURHAM - CAMPUS WALK AVENUE, MORREENE ROAD TO LASALLE STREET AND LASALLE STREET, KANGAROO DRIVE TO ERWIN ROAD CONSTRUCTSIDEWALKS	\$336,000		
09/14	U-4724	NON - DOT LET (Bicycle and Pedestrian)	DURHAM - CORNWALLIS RD FROM SOUTH ROXBORO RD TO UNIVERSITY DR	\$2,156,000		
10/14	U-4726HL	NON - DOT LET (Local)	DURHAM - SIDEWALK ON BARBEE STREET BETWEEN THE EXISTING SIDEWALK AT PEARSONTOWN ELEMENTARY SCHOOL AND ORINDO DRIVE; ANDSIDEWALK IN FORMER FAYETTEVILLE STREET RIGHT OF WAY TO CONNECT THE DURHAM AREA TRANSIT AUTHORITY (DATA) ADMINISTRATIVEOFFICES WITH GEER STREET	\$39,400		
11/14	U-0071	Raleigh Letting (LET)	DURHAM - EAST END CONNECTOR FROM NORTH OF NC 98 TO NC 147 (BUCK DEAN FREEWAY)	\$159,400,000	\$24,950,000	
01/15	EB-4707B	Division Design Raleigh Let (DDRL)	DURHAM/CHAPEL HILL - SR 2220 (OLD DURHAM CHAPEL HILL ROAD) FROM SR 1113 (POPE ROAD) TO SR 1116 (GARRETT ROAD)	\$5,150,000		
01/15	EB-5514	NON - DOT LET (Bicycle and Pedestrian)	UNIVERSITY DRIVE (SR 2220, NC 751, SR 1183) FROM SR 2220 OLD CHAPEL HILL ROAD) TO SR 1158 (WEST CORNWALLIS ROAD)	\$1,025,000		
04/15	U-3308	Raleigh Letting (LET)	DURHAM - NC 55 (ALSTON AVENUE) FROM NC 147 (I. L. "BUCK" DEAN FREEWAY) TO NORTH OF US 70 BUSINESS - NC 98 (HOLLOWAY STREET)	\$30,900,000	\$3,869,000	
04/15	W-5205N	Division POC Let (DPOC)	US 15/501 (UNIVERSITY DRIVE) AT SUMMIT STREET/FORESTWOOD DRIVE	\$45,600		
09/15	C-5183A	NON - DOT LET (Congestion Mitigation)	DURHAM - CONSTRUCT SIDEWALKS	\$972,000		
09/15	C-5183B	NON - DOT LET (Congestion Mitigation)	DURHAM - CONSTRUCT SIDEWALKS	\$1,254,000		
01/16	EB-4707A	Division Design Raleigh Let (DDRL)	DURHAM/CHAPEL HILL FROM US 15/501 IN ORANGE COUNTY TO SR 1113 (POPE ROAD) IN DURHAM COUNTY BICYCLE, PEDESTRIAN AND TRANSIT IMPROVEMENTS	\$3,100,000	\$2,650,000	
02/16	W-5601E	Division POC Let (DPOC)	NC 157 (GUESS ROAD) AT NORTH POINTE DRIVE/ALBANY STREET			
09/16	C-4928	NON - DOT LET (Congestion Mitigation)	CONSTRUCT BIKE LANES AND SIDEWALKS ON SR 1317 (MORREENE RD)IN DURHAM FROM NEAL ROAD TO ERWIN ROAD	\$555,000		
09/16	C-5182	NON - DOT LET (Congestion Mitigation)	DURHAM - HOPE VALLEY ROAD CONSTRUCT SIDEWALKS AND BIKE LANES BETWEEN MARTIN LUTHER KING, JR. BOULEVARD PARKWAY AND US 15-501 BUSINESS	\$1,252,000	\$134,000	
06/17	B-4943	Raleigh Letting (LET)	RELPACE BRIDGE 20 OVER DIAL CREEK ON SR 1616	\$700,000	\$92,000	
08/17	U-5516	Raleigh Letting (LET)	FROM US 501 (ROXBORO ROAD) TO SR 1448 (LATTA ROAD) / SR 1639 (INFINITY ROAD) IN DURHAM	\$2,100,000	\$2,000,000	
02/15	Small Constr.	Division POC Let (DPOC)	Barbee Rd at Herndon Rd - RBT	\$630,000	\$150,000	Need Muni. Agrmt. with City
03/15	SS-4905BI	Division POC Let (DPOC)	SR 1004 (Old Oxford Road) at SR 1648 (Danube Lane)	\$375,000	\$44,000	R/W 90%, Utility Agrmt. with City
05/15	SS-4905BM	Division POC Let (DPOC)	Carver St. (SR 1407) at Broad St./Kenan Rd. - Mini-Roundabout	\$320,000	\$33,000	R/W 20%, Duke revising PUE
08/15	SS-4905CJ	Division POC Let (DPOC)	US 70 at Peyton Ave. (SR 1957) - construct island and revise pm's	\$30,000	N/A	Survey completed

<u>Let (B)</u>	<u>TIP Sub No.</u>	<u>Let Type</u>	<u>Description</u>	<u>Con Est</u>	<u>ROW Est</u>	<u>Status</u>
	SS 4906BP 43696.1.1 43696.3.1	Division annual needs contract	Upgrade SR 1327 (Gregson St) at Club Blvd replace existing ped heads, add flashing yellow arrows, remove concrete island in NW quadrant, cut back islands on north and west legs Revised Scope to (1) SR 1327 (Gregson St) at Peabody Install traffic signal (2) SR 1327 (Gregson St) between I-85 NB off ramp and Entrance to Northgate Mall	\$36,000	N/A	Signal work and concrete work is complete at Gregson and Club. Waiting on striping. 11/3/14 Plans received for Gregson and Peabody. Awaiting NCRR permission to place poles in RW
	SS 4905BT 43783.1.1 43783.3.1	Division annual needs contract	Upgrade traffic signal to flashing yellow arrow on EB Club Blvd and Duke St. Install pedestrian accommodations on all legs of the intersection. Scope changed to add US 15-501 Bus (Roxboro St) at Pettigrew St At US 15-501 Bus/Pettigrew - revise traffic signal to include over height Preempt, LED Blankout sign and metal poles and mast arms	\$36,000	N/A	EB Club Blvd and Duke St 100% Complete waiting for final inspection Waiting for plans for Roxboro and Pettigrew Awaiting NCRR permission to place poles in RW
	Developer 36249.3312	Developer	Signal upgrade/modifications as part of BCBS TIA requirements	000 review cost	N/A	Plans not yet reviewed
	SS-4905CF	Division annual needs contract	Signal at SR 1443 (Horton Rd.) at Stadium Dr.	\$100,000	\$16,000	Signal plans received, construction not yet started 11/3/14
	SS-4905CH	Division annual needs contract	Close crossover on US 15-501 at SR 1333 and install signal at SR 1116 (Garrett Rd) at Falls Mountain Way.	\$200,000	\$16,000	Island Plans Needed Signal Plans in Hand
	SS-4905CK	Division annual needs contract	Flashing Yellow Arrow and pedestrian accommodations for 8 signals along US 501 Bus.			Need plans

NCDOT DIV 7 ACTIVE PROJECTS LOCATED IN DCHCMPO

MPO Board 12/10/2014 Attachment 16

TIP/WBS #	Description	Let Date	Completion Date	Contractor	Status	Cost	Comments
ER-2971G 3607.3.13	Construct sidewalks on SR 1900 (Mason Farm Road) from US 15/501 (Fordham Blvd.) to Highland Woods Road in Chapel Hill .	9/8/14	12/12/14	Whitley Contracting, Inc.	Start Nov. 12th.	\$30,000	Division Enhancement; MA w/TOCH, LGA
SS-4907AZ 43987.1.FR1 43987.3.1 44227 44247	Churton Street Access Improvements - Traffic signal and curb ramp revisions on east side of NC 86 (Churton Street) at SR 1150/SR 1002 (King Street), and NC 86 (Churton Street) at Margaret Street. Grading, curb & gutter, crosswalks and signal modifications on the west side of NC 86 /US 70 Bus.(Churton Street) from Tryon Street to just south of Margaret Street. Grading, curb & gutter, crosswalk and bus pull-out on NC 86 / US 70 Bus. (Churton Street) from south of Margaret Street to just south of Nash and Koolock Street in Hillsborough.	Pending coordination with Town of Hillsborough and SHPO	Pending coordination with Town of Hillsborough and SHPO		Design in progress (75% complete), STIP amendment?, PCE due Feb. 2015.	\$15,000 PE \$37,600 CON \$245,000 CON \$120,000 CON \$150,000 CON	Spot Safety-State (ADA curb ramp). Combine with Small Construction, Contingency, STP-DA. LAP-Town of Hillsborough
SS-4907V 42423.1 42423.2 42423.3	Four-way stop installation at intersection of SR 1005 (Old Greensboro Rd.) @ SR 1951 (White Cross Rd.)		Spring 2015	State Forces	Coordinating with utilities	\$33,000 PE \$15,000 ROW \$150,000 CON	State Spot Safety, Need Public Outreach (letter) first of 2015.
SS-4907BE 44194.3.1	SR 1010 (Franklin Street) between Boundary Street and Deming Road in Chapel Hill . Initial construction funds are needed for installation of curve warning signs, chevrons, pavement markings, snowplowable markers, and sign post delineators.		Fall 2014	State Forces	90% Complete, additional work (sign flasher) pending approved funding	\$12,800	State Spot Safety
SS-4907BF 44271.1.FD1 44271.2.1 44271.3.1	Radius and sight distance improvements at the intersection of SR 1567 (Pleasant Green Road) and SR 1569 (Cole Mill Road) in Orange Co.		7/1/2015	State Forces	Surveys complete	\$15000 PE \$80,000 R/W \$53,600 CON	State Spot Safety
SS-4907BG 44270.1.FD1 44270.2.1 44270.3.1	All way stop installation and flasher revisions at the intersection of SR 1710 (Old NC 10) at SR 1713 (Mount Hermon Church Road) in Orange Co.		7/1/2015	State Forces	R/W pending for sight triangle.	\$3000 PE \$6400 R/W \$15,208 CON	State Spot Safety
U-0624 C203175 34762.3.4	Widening , Grading, Drainage, Paving & Signals on NC 86 (S. Columbia St.) From SR -1906 (Purefoy Rd) to SR 1902 (Manning Dr) in Chapel Hill .	10/16/2012	Anticipate 1/1/2015	Triangle Grading & Paving, Inc.	100%Complete	\$4,565,147	TIP
U-2803 C203028 34860.3.1	Widening of SR 1919 (Smith Level Road) from Rock Haven Road to Bridge # 88 over Morgan Creek in Carrboro .	12/18/2012	5/14/2015	Yates Construction, Inc.	45% Complete 87% Schedule	\$4,946,197	TIP, Utility conflicts cleared

W-52071 45337.1.9 45337.2.FD9 45337.3.FD9	SR 1005 (Jones Ferry Road) and Davie Street in Carrboro. Sidewalks, intersection improvements, traffic signal, median on Jones Ferry with bike lanes.	11/1/2014	Fall 2015		R/W acquisition under way (20% Complete), Availability in Spring 2015.	\$50,000 R/W \$75,000 R/W \$600,000 CON	High Hazard Safety, Need more PE funding
W-5318 46141.3.1	Remedial paving on NC 86 from NC 57 to Caswell Co. line.	8/7/2014	11/15/14	Carolina Sunrock, LLC	50% Complete 50% Schedule	\$84,754	High Hazard Safety
44229	Signal modification, enlarge radius and construct taper for right turn lane at the intersection of US 70 onto SR 1567 (Mt Hermon Church Rd)		10/30/2014	State Forces	100% Complete	\$100,000	Small Construction
NCDOT DIV 7 FUTURE PROJECTS LOCATED IN DCHCMPO							
TIP/WBS #	Description	Let Date	Completion Date		Status	Cost	Comments

DIV 7 LOCAL GOVERNMENT AGENCY PROJECTS IN DCHCMPO

TIP/WBS #	Description	Let/Start Date	Completion Date	Status	Cost	Comments
C-5184 46243.3.1	Riverwalk Trail Phase III - Construct a paved off-road trail along Eno River connecting River Park, Gold Park and the Occoneechee Mountain State Natural Area and construct sidewalk to provide pedestrian and bicycle connections to the Greenway in Hillsborough	Fall 2014	TBD	Design in progress, R/W authorization pending	\$450,000 CON	CMAQ \$360,000 Fed \$90,000 Local
C-5179 46240.1.F1 46240.2.F1 46240.3.F1	Design & construction of sidewalk and bicycle lanes along Estes Drive from Martin Luther King Jr. Blvd to Caswell Drive and the construction of a multi-use path on the north side of Estes Drive from Martin Luther King Jr. Blvd through the Estes Drive Elementary site to Elliot Road in Chapel Hill .	TBD	TBD	Design in progress	\$220,000 PE \$2,337,500 CON	STP-DA - PE \$176,000 Fed \$44,000 Local CMAQ -R/W, CONS. \$1,870,000 Fed \$467,500 Local MA w/TOCH
EB-4707A (Orange) 38664.3.FD1	Bicycle improvements(Bikeway and signals) on Durham/ Chapel Hill (SR 1838/SR 2220)from SR 1116 (Garrett Road) in Durham County to US 15-501 in Orange County EB-4707B (Durham)	EB-4707A(C Hill) FFY15 EB-4707B(D5DRL) FFY15	TBD	Design in progress, R/W -FFY 2015	\$2,950,000 CON	Enhancement - Bike and Ped., STP-DA
EL-4828 / 40245.1.1 40245.3.1	Design & construction of multi-use pedestrian /bicycle path along Morgan Creek from Smith Level Road to the Weatherhill Pointe neighborhood & construct a multi-use pedestrian /bicycle path along Morgan Creek from Smith Level road west to the Berryhill Neighborhood in Carrboro	Spring 2015	TBD	Design in progress	\$316,610 PE \$468,000 CON	STP-DA; MA w/TOC
SR-5001AR 40924.3.43	Construct 320' of 5' sidewalk on Culbreth Road between Cobble Ridge Rd. in Chapel Hill and Rossburn Rd. in Chapel Hill	4/12/12	9/30/13	Construction complete; Final M&T closeout pending	\$50,000 SRTS \$108,000 STPDA	SRTS/STP-DA; MA w/TOCH
U-4726DC 36268.3.4	Wilson Park Multi-Use Path in Carrboro	6/7/12	11/26/12	Construction complete; Final review complete, M&T closeout pending	\$221,399	STP-DA; MA w/TOC
U-4726DD 36268.1.25 36268.3.F25	Construct sidewalk on Rogers Road from Homestead Road to Meadow Run Ct. in Carrboro	TBD	TBD	Design in progress	\$102,278 PE \$542,600 CON	STP-DA; MA w/TOC
U-4726DE 36268.1.26 36268.3.26	Construct Bolin Creek Multi-use Path from Homestead Road to Chapel Hill High School in Carrboro (replaces EL-4994)	Fall 2014	TBD	Design complete, Construction authorization pending	\$130,486 PE \$737,500 CON	STP-DA; MA w/TOC
U-4726DF 36268.1.27 36268.3.27	Bicycle detection at Signalized Intersections in Carrboro	12/31/14	TBD	R/W certification pending. District office providing assistance to municipality and R/W research	\$18,525 PE \$30,000 CON	STP-DA; MA w/TOC

DIV 7 LOCAL GOVERNMENT AGENCY PROJECTS IN DCHCMPO

TIP/WBS #	Description	Let/Start Date	Completion Date	Status	Cost	Comments
U-4726IF 36268.1.21 36268.3.21	Design and install stairs from the sidewalk on the north side of Franklin St. to the Bolin Creek Trail in Chapel Hill	TBD	TBD	Supplemental agreement to remove construction; Town to pay for construction	\$25,000 PE \$115,000 CON	STP-DA; MA w/TOCH
U-4726IG 36268.3.24	Morgan Creek Trail Phase 2 - Construct 10' wide greenway from existing Fan Branch Trail near Culbreth Rd. and US 15/501 to Phase 1 in Chapel Hill	9/12/12	11/1/2013, Anticipated 6/1/14	100% Complete. Project record review pending.	\$1,492,500 CON	STP-DA; MA w/TOCH
U-5543 50109.1.F1	Design for variable message signs for traffic management on major corridors in Chapel Hill	TBD	TBD	MA execution pending	\$93,750 PE	STP-DA; MA w/TOCH

NCDOT DIVISION 8 PROJECTS IN DCHCMPO - CHATHAM COUNTY

TIP PROJECTS							
TIP/WBS # or Contract #	Description	Let Date	Completion Date	Status	Cost	Contractor	Comments
W-5208G/ 4 5338.3.7	SR-1717 (Jack Bennett Rd), Chatham Co. Realign horizontal curve	Jan 15	TBD	R/W secured. Utilities have been relocated.	Est. Cost \$803,000	TBD	Construction funds were requested 3/11/14 and have been approved.
C-5176	American Tobacco Trail (Chatham Co.) - New Hope Church Road Trail Head Park & Ride Lot. Includes approximately ¼ mile of street-side trail (10' wide) and a 100-vehicle parking area which includes equestrian parking. It also includes utility connections and restrooms and water access. Additional community amenities internal to the site (shelter/picnic/playground) have been removed from the project.	Jan 2014	May 28, 2015	Construction began October 1, 2014	Orig Est. Cost \$1.2M		Project is being administered by the Town of Cary.
RESURFACING PROJECTS							
TIP/WBS # or Contract #	Description	Let Date	Completion Date	Status	Cost	Contractor	Comments
C203521	SR 1816 Edwards Ridge Road from end of State maintenance to SR 1008 Mt. Carmel Church Road (0.64 mi). SR 1727 Whippoorwill Lane from SR 1008 Mt. Caramel Road to SR 1726 Old Farrington Road (0.73 mi). <i>Contract includes resurfacing a total of 8 sections of secondary roads.</i>	March 2014	November 2014	98% Complete	\$1,209,922	S.T. Wooten	Milling, resurfacing and shoulder reconstruction. Work began 8/11/2014.
C203570	SR 1008 Farrington Road Resurfacing from US 64 to Orange County Line (9.3 mi). <i>Contract includes resurfacing 4 sections of US 64 and resurfacing a total of 5 sections of secondary roads.</i>	June 2014	June 2015	9% Complete	\$3,740,907	S.T. Wooten	Milling, resurfacing and shoulder reconstruction. Work began 10/6/2014.
SPOT SAFETY PROJECTS							
TIP/WBS # or Contract #	Description	NCBOT Approval Date		Status	Cost	Comments	
SS-4908AM	NC 751 at SR 1733 New Hope Church Road. Construct a southbound left turn lane on NC 751.	7/10/2014		No Report	\$205,200	ROW/Utilities Let date - January 2015	

MPO/ RPO Important Dates

July 1, 2014 – June 30, 2016

MPO Board 12/10/2014 Attachment 18

Dates

Tasks

Updated 11/19/2014

*******Note: All (U)PWP and invoices submitted online via the MPO/RPO Planning Grants Site*******

July 1, 2014	State FY 15 begins
August 15, 2014	4 th Quarter (Final) invoice, work summary, and annual performance report due for FY 14
October 1, 2014	Federal FY 15 begins (U)PWP/Section 5303 Application Package sent to eligible applicants
November 10, 2014	1 st Quarter invoice and work summary due
December 2014	NCDOT releases Draft STIP MPOs begin approval of MTIPs, including AQ Conformity on Draft MTIP (if required)
December 31, 2014	MPO Evaluation Report required by NCGS 136-200.4
January 2015	TPB provides MPO/RPO planning fund allocations for FY 16
January 9, 2015	CTP Study Priority List due (Extended from December 15, 2014)
January 30, 2015	Draft (U)PWP/Section 5303 budget due to PTD 2 nd Quarter 5303 Claim due (Oct. 1, 2014 to Dec. 31, 2014) due
February – April 2015	TIP Unit holds public meetings on Draft STIP (<u>subject to change</u>)
February 10, 2015	2 nd Quarter invoice and work summary due
February 27, 2015	Draft (U)PWP for FY 16 due to TPB
Spring 2015	TPB meets with RPOs to discuss performance evaluations
March 27, 2015	Final TAC approved PWP and Resolution, with original signatures of the TAC Chair <u>and</u> final Section 5303 Budget submitted online
April 17, 2015	Last day to submit (U)PWP revisions to TPB for FY 15
April 29 – May1, 2015	MPO/RPO Conference in Raleigh
April 30, 2015	3 rd Quarter 5303 Claim (Jan. 1, 2015 to March 31, 2015) due
May 1, 2015	Adopted FY 16 (U)PWP with resolution, 5-year planning calendar, list of deliverables (included in (U)PWP), and MPO self-certification of long range planning. Documents are to be submitted online with separate uploads for (U)PWP, self- certification, and 5-year work plan.
May 10, 2015	3 rd Quarter invoice and work summary due

MPO-only tasks are in blue.

RPO-only tasks are in red.

Common tasks are in black
Page 1 of 2

MPO/ RPO Important Dates

July 1, 2014 – June 30, 2016

MPO Board 12/10/2014 Attachment 18

Dates	Tasks	Updated 11/19/2014
May 31, 2015	Revised PWP's with signatures are due to TPB no later than May 31, 2015	
June 26, 2015	TPB Approves (U)PWP for FY 16	
Summer 2015	NCDOT adopts Final 2016-2025 STIP	
	MPOs and RPOs submit projects for <i>Prioritization 4.0</i> (<u>Subject to change</u>)	
August 10, 2015	4 th Quarter (Final) invoice, work summary and annual performance report due for FY 15	
September 30, 2015	Last date for MPOs to complete AQ conformity process on MTIP (if applicable) and adopt MTIP;	
	Last date to submit 4th Quarter 5303 Claim (April 1, 2015 – June 30, 2015)	
October 1, 2015	FHWA/FTA approves STIP;	
	Federal FY 16 begins	
October 31, 2015	1st Quarter 5303 Claim (July 1, 2015 to Sept. 30 2015) due	
November 10, 2015	1 st Quarter invoice and work summary due	
December 15, 2015	CTP Study Priority List due	
January 2016	TPB provides PL/RPO planning fund allocations for FY 17	
January 30, 2016	2 nd Quarter 5303 Claim (Oct 1, 2015 to Dec. 31, 2015) due	
February 10, 2016	2 nd Quarter invoice and work summary due	
February 28, 2016	Draft (U)PWP for FY 17 due to TPB	
April 15, 2016	Last day to submit adopted FY 17 (U)PWP with resolution, 5-year planning calendar, and MPO self-certification of long range planning. Documents are to be submitted with separate uploads for (U)PWP, self-certification, and 5-year work plan.	
April 18, 2016	Last day to submit revisions to TPB for FY 16 (U)PWP	
April 30, 2016	3 rd Quarter 5303 Claim (January 1, 2016 to March 31, 2016) due	
May 10, 2016	3 rd Quarter invoice and work summary due	
May 31, 2016	Revised PWP's with signatures are due to TPB no later than May 31, 2016	
June 30, 2016	TPB approves FY 17 (U)PWP's	
September 30, 2016	4 th Quarter 5303 Claim (April 1, 2016 to June 30, 2016) due	

Smart, Lindsay

From: Stanley, Mike <mtstanley@ncdot.gov>
Sent: Friday, November 21, 2014 1:29 PM
To: ncrpolistserv@nwpcog.org; MPO Contacts
Cc: Argabright, Van
Subject: [MPO List - NCDOT] FW: FLAP- NC Access Program Goals
Attachments: FINAL_EFL-FM-PLN-03(2) Revised Access Program Application.pdf; Program Goals NC FY 15-18.docx; ATT00001.txt

Importance: High

FYI

From: Richelle.Ellis@dot.gov [<mailto:Richelle.Ellis@dot.gov>]
Sent: Thursday, November 20, 2014 2:32 PM
To: Argabright, Van; phil@regiona.org
Cc: david.payne@dot.gov; lewis.grimm@dot.gov; andrea.vandenberg@dot.gov
Subject: FLAP- NC Access Program Goals
Importance: High

Greetings PDC Members:

Federal Highway Administration Eastern Federal Lands (EFL) will soon be accepting Federal Lands Access Program (FLAP) applications in order to develop a four year program of projects for Federal Fiscal Years (FY) 2015 through FY 2018. Project approvals will be contingent upon availability of funds. Given the information we have been receiving from FHWA headquarters, MAP-21 was envisioned as being a regular six year duration surface transportation reauthorization bill for which the congress could only identify full funding for the first two years, our expectation is that the next reauthorization bill will cover at least a four year duration. If we follow that general train of thought, a four year extension of the same MAP-21 authorized programs is anticipated, with each state receiving funding at approximately the same levels as experienced over the past two years.

EFL will be accepting project applications from the following Southeastern states:

Alabama, Arkansas, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, Puerto Rico, South Carolina and Tennessee

The call for projects opens December 15, 2014 and runs through March 13, 2015.

You will be receiving the official notification regarding this Call for Projects Soon.

We learned quite a bit in the past year from our 33 states' calls for projects and programming meetings and found that we can be more efficient by scheduling 3 regional calls for projects that last 90 days and will solicit projects for up to a 4 year program of projects. If we do not have enough project applications to fill a 4 year program of projects, we will conduct a "rolling" call for projects until we fill the 4-year program. After the 90 day call, we will consider projects on a first come- first served basis for eligible projects that the PDC considers appropriate for the program in your respective state.

I have attached the Program Goals for your state for your review and edit. We have provided a jumpstart on these goals based on our experiences in the past year. **Please use this file and make your edits or provide your concurrence and return to us by 12/3 so that we can get it posted on the FLAP website.**

Please note that the official alert will be sent out prior to this date in order to give FLMAs and potential applicants as much notice as possible about the upcoming call. The program goals will be posted immediately after you provide your edits/concurrence.

Also please note that we have revised our application form (attached). It is significantly shorter and hopefully easier for the applicant as well as the reviewer.

Please do not hesitate to contact us if you have any questions or concerns.

Thank you for your support with the Access Program.

David Payne, PE, PG
Program Manager
FHWA-EFLHD
21400 Ridgetop Circle
Sterling, VA 20166
Direct: 571-434-1543
david.payne@dot.gov

Lewis G. Grimm, P.E.
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FHWA-EFLHD
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Richelle.ellis@dot.gov

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Wake County Transit Strategy
Purpose and Working Schedule
November 2014

Purpose:

To focus on a new vision for transit in our community, the trade-offs associated with making choices about transit, and public input and understanding to provide a portfolio of transit projects that reflect the values and priorities of the community.

Method:

- Transit consultants Jarrett Walker and Kimley Horn have been hired to review previous work produced by local planning staff and help guide the community to a vision and plan for transit in Wake County.
- Early and in depth public education and outreach about the trade-offs to be made when investing in transit and the transformation change that vibrant, robust and connected transit can bring to a community.
- A representative Advisory Committee will be used to guide process decisions and direct initial products.
- The new process will provide two scenarios that allow the public to understand possible transit opportunities for our community prior to completing a finalized plan.

Key Concepts:

- Reality based public outreach
- Engaging leader and the community early in Trade-offs
- The importance of frequency and a network

Working Schedule:

- | | |
|-----------------------------------|---|
| • December 8 th , 2014 | Public Kick-off – 6:00 PM Raleigh Convention Center |
| • December 8 -December 19, 2014 | Key Stakeholder Interviews |
| • December 9, 2014 | Advisory Committee Introduction Workshop |
| • January 6, 2015 | Report Detailing the Consultant Team’s Initial Observations |
| • January 6 – January 16, 2015 | Public Surveys |
| • January 20, 2015 | Advisory Committee Workshop |
| • February 10, 2015 | Report Detailing Two Potential Transit Scenarios |
| • February 10 - May 1, 2015 | Public Outreach on the Two Potential Scenarios |
| • June 1, 2015 | Recommended Transit Network Investment Plan |

How can we get involved?

- Come to the public kick-off on DECEMBER 8th at 6 PM at the Raleigh Convention Center.
- Sign-up for future updates at WakeTransit.com
- Follow along on our twitter handle @waketransit
- Read our blog on WakeTransit.com
- Request / attend public meetings and workshops
- Share your interests with elected officials and staff
- Be on the lookout for surveys

Road Worrier: NCDOT's urban loops depend on borrowed money

THE NEWS AND OBSERVER BY BRUCE SICELOFF - STAFF COLUMNIST NOVEMBER 18, 2014

Gov. Pat McCrory broke ground on Winston-Salem's long-delayed I-74 Northern Beltway last week in a shiny-shovels ceremony made possible, his office said, by the Urban Loop Acceleration Plan.

The What Plan? Around North Carolina, "urban loop acceleration" is a self-contradictory expression – like jumbo shrimp.

State leaders gave up on a 1989 commitment to construct freeway rings around all our larger cities. The list of promised loops grew faster than the collection of tax dollars to build them.

Under McCrory's "data-driven" Strategic Transportation Investments law – which will guide spending priorities in a 10-year construction plan to be released soon – loop jobs compete for dollars with road widenings and other needs. That's fair, but it won't be fast.

The governor and the state Department of Transportation want to find ways to build more urban loops. McCrory recently expanded the acceleration options to include three flavors of borrowed money. We'll call them toll bonds, GARVEE bonds and – thanks to a blackout on details – McCrory's mystery bonds.

Lyndo Tippett hatched the first acceleration plan 10 years ago in Wake County. It was a brutally simple pitch: Make your loop a toll road – or forget it.

Tippett was DOT secretary under former Gov. Mike Easley. In 2004, citing a dearth of tax dollars, he postponed construction on a long-awaited leg of the 540 Outer Loop in fast-growing western Wake.

The unwelcome news put local elected leaders over a barrel – in a posture that made them more receptive to Lyndo's gentle ultimatum. They consented. The state borrowed \$1 billion and built the 18-mile Triangle Expressway. To repay the loan, TriEx drivers will pay tolls until about 2049.

Toll financing has bogged down elsewhere. The bridges and expressways in DOT toll plans are hobbled with environmental problems. These projects have less support from drivers and politicians than Tippett generated for TriEx in Wake County.

In Charlotte, tolls will finance an innovative but unpopular project to add lanes to Interstate 77. And DOT says the rest of Wake's 540 loop – delayed now with its own environmental hurdles – also will depend on tolls. But as the state creeps ahead with loop projects in other cities, it's not clear why tolls aren't among the options elsewhere.

McCrory wants to borrow two other kinds of money for Winston-Salem's loop. His press office credited "NCDOT's Urban Loop Acceleration Plan" with getting the Beltway bulldozers rolling. But the news release included a link to a DOT web page that made no mention of loops, acceleration or anything urban.

After a bit of virtual archaeology, DOT officials unearthed a one-page document on loop acceleration dating from the Pre-McCrory Era. Way back in 2011, former Gov. Bev Perdue decreed that DOT would use a new kind of money called GARVEE bonds to accelerate unfinished loops in six cities.

GARVEEs let DOT borrow money to be repaid from future federal highway grants. DOT is using GARVEE financing to speed construction on loop segments in Winston-Salem and Greensboro, and on other roads.

Kick-starter bonds

Winston-Salem also would benefit from another kind of borrowing McCrory proposed in September: \$1 billion in bonds to "kick start" projects that have languished for years. Many items on his draft project list are low-priority roads

that scored near the bottom in his “data-driven” rating system. Most are rural roads, but the governor’s bonds also would accelerate the completion of Winston-Salem’s urban loop.

Questioned by reporters, McCrory acknowledged that the delay has hurt scores of families blocked by DOT from developing property in the Beltway’s path. (The same problem has hobbled property owners in southern Wake County who have been waiting since 1996 for DOT to buy their land for the 540 Outer Loop.)

“That’s another reason to move with the billion-dollar bonds, so we can get going with some of these projects,” McCrory said in Winston-Salem. “Not only in this region but in other regions of the state, where the delay has been far too expensive and time-consuming, and it has impacted people.”

It’s not clear how the bond issue would work or how the projects were chosen. On Sept. 18, The News & Observer requested public records related to the bond proposal. Two months later, neither DOT nor McCrory has provided any of the requested information.

After 8 years, David King to bow out at Triangle Transit

The News & Observer By Bruce Sicheloff November 19, 2014

DURHAM — David D. King, who took charge of Triangle Transit in 2006 after the three-county agency’s first plan for regional rail transit fell apart, said Wednesday he is ready to retire.

King, 68, worked with local leaders to develop a long-range plan for rush-hour commuter trains, beefed-up local and regional bus fleets, and light-rail service. Durham and Orange now are designing a light-rail line between Chapel Hill and Durham, while Wake County leaders have just begun to update a trains-and-buses plan they ignored for nearly three years.

King said he will step down as general manager in mid-May, or as soon as his successor begins work.

“It’s the right time,” he said. “Everything here is on a good trajectory. We’ve got momentum in Wake County. We’re in good shape with Orange-Durham light rail. I don’t know any ticking time bombs that would cause me great angst.”

It is his second retirement. King had wrapped up a 33-year career at the state Department of Transportation – ending up as deputy secretary for transit – when Triangle Transit asked him to oversee a new plan for bus and rail transit service in Wake, Durham and Orange counties.

During his eight years as its leader, Triangle Transit doubled its bus ridership from 865,000 in 2006 to 1.7 million this year – with an emphasis on commuter express routes between cities and expanded hours, including the addition of Sunday service this year. Triangle Transit has taken over the management of Durham’s DATA bus system and has developed a GoTriangle brand to be shared by local bus agencies in the three counties.

Durham Mayor Bill Bell, chair of the Triangle Transit trustees, said King helped the agency strengthen the role of transit in the region.

“He’s also actively worked with the public, elected officials and business leaders on preparation for dealing with the responsibilities of population and development growth in the future,” Bell said. The trustees will form a search committee to find King’s replacement.

NC likely to join legislative push on Uber, Lyft

The Associated Press By JONATHAN DREW November 23, 2014

RALEIGH, N.C. (AP) — North Carolina has become an attractive market for smartphone-based car services such as Uber and Lyft, which are drawn to the state's mid-sized cities that have college students and young professionals but lack extensive mass transit. It's also one of many states where little regulation exists outside of traditional cab and limo services.

Uber currently offers rides in 10 cities in North Carolina, ranging from Wilmington and Asheville to the larger Raleigh and Charlotte. The company says that's more than any other state but California. Six of those cities have populations greater than 200,000, and all are home to universities.

The companies' expansion has legislators in North Carolina and elsewhere scrambling to study their business models ahead of sessions in 2015 when they could address insurance, car inspections or criminal background checks. Throw in concerns from traditional taxi companies and insurance lobbyists, and Uber and Lyft's public policy staffs should stay busy.

At a meeting this week of North Carolina's Revenue Laws Study Committee, co-chairwoman Rep. Julia C. Howard said she anticipated someone would introduce a bill, but she wasn't aware of a specific proposal yet.

"We're getting into some tall weeds here," Howard said, referring to the nuances involved after a colleague asked about pricing differences between Uber, Lyft and taxis.

Lyft and Uber use a smartphone app to link customers with drivers selling rides in typically noncommercial cars or SUVs, allowing people with little or no professional driving experience to make money. Uber also works with licensed limo drivers in some markets. Both services make drivers undergo criminal and traffic background checks, and drivers are rated by customers. Uber and Lyft say they also provide commercial auto insurance in North Carolina that kicks in when rides are ordered.

At least 20 legislatures are likely to take up legislation on such services in 2015 after several passed laws this year, said transportation analyst Douglas Shinkle of the National Conference of State Legislatures.

"This is definitely the most fast-moving, from kind of zero to 60, policy issue ... that I've worked on since I've worked at NCSL," said Shinkle, who's been with the organization since 2005.

At the North Carolina meeting, Uber and Lyft touted their insurance coverage and background checks — two key areas considered by legislatures in 2014. While several of those bills failed, Colorado passed a law to regulate the companies, and California lawmakers set insurance standards.

"We're seeing all over the country that cities and states are taking interest in companies like Uber because what we're seeing is that consumers are flocking to these new technologies," Rachel Holt, Uber's Regional General Manager for the East Coast, told North Carolina lawmakers. "We're very supportive of reasonable, commonsense regulations."

However, Uber and Lyft have faced several lawsuits in the past year across the U.S., claiming the companies operate in violation of state and local laws governing taxis.

Michael Solomon, president of the Taxi Taxi cab service in the Raleigh area, said Uber and Lyft drivers should obtain commercial license plates and have more extensive commercial insurance, just as traditional cab services are required to do.

"Any person who collects a passenger for a fee, no matter how it's collected, should be held to the same standard," he said.

The Property Casualty Insurers Association of America told North Carolina lawmakers that Uber and Lyft should offer more coverage for drivers any time they are logged into the app and available to drive. While the companies offer commercial coverage when drivers are on their way to pick up a customer or have them in the vehicle, PCI attorney Oyango Snell said there's a significant gap during the period when drivers are waiting to line up a fare.

During that period, Uber and Lyft drivers in the state rely on a combination of their personal policies and contingent liability coverage provided by the companies.

A North Carolina-based scholar on entrepreneurship said regulation for Uber and Lyft must strike a balance "between the 'Wild West' and the very strict rules that apply to old economy players."

"I don't think the answer lies in applying the same framework to this new player," said Arvind Malhotra, a professor at the Kenan-Flagler Business School at the University of North Carolina. "New rules and regulations have to be crafted to make it a level playing field."

The on-demand, GPS-based car services aren't just appealing to riders — the flexibility is also drawing drivers who never worked in the industry. Jeremy Collins, 31, began driving his 2011 Honda Accord for Uber in July, a few weeks after it launched in Durham. He planned to drive part-time to earn extra money while his wife completes a graduate nursing program at Duke, but he ended up quitting his job as a waiter. He says he never drives more than 35 hours a week, but can make \$1,300 in that time.

He lives in an apartment building near campus that's home to a lot of graduate students, so he can sit on his balcony with a coffee and wait for the app to match him with riders. He typically ferries students and others in the Duke community, and he's worked out a rhythm where he says he rarely works a late night.

"I'm able to keep us afloat with our Uber pay," he said. "I don't have a boss, and I work when I want. ... It's worked out really well for us."

As fracking looms, NC officials worry about road damage

McClatchy Washington Bureau By Daniel Salazar November 23, 2014

Some of the quiet country roads of central North Carolina might not be so quiet much longer.

The first permits for natural gas exploration in the state could be issued in the spring, and N.C. Department of Transportation officials are trying to assess how the state's rural roads will be affected by thousands of truckloads of chemicals, water, sand and mechanical equipment associated with hydraulic fracturing or fracking.

Some roads "are going to experience a lifetime of truck traffic in just a few weeks," said Brandon Jones, a NCDOT division maintenance engineer.

No one knows how big the natural gas boom will actually be in the Deep River shale basin, which stretches across several counties in the central part of the state.

But Jones said NCDOT's Oil and Gas Exploration and Production Committee was already focusing on potential impacts to the state's secondary road system, composed of around 60,000 miles of small roads in primarily rural areas.

"The secondary system was really built for small agriculture," said Jones, who is on the committee. "Most of these secondary roads were really built with minimal pavement structure because the purpose wasn't to carry a lot of trucks or heavy weights."

Jones said that could result in potholes and deteriorated road conditions.

Road damage common

This isn't unusual. Rural roads in North Dakota, Pennsylvania and Texas have experienced damage from truck traffic associated with shale development, according to a September report by the Government Accountability Office.

Extraction methods such as fracking –where water, sand and chemicals are pumped deep underground to release fossil fuels from shale rock – have fueled boom times in areas of the Bakken Shale in Montana and North Dakota; the Eagle Ford Shale in south Texas; and the Marcellus Shale, which includes areas of New York, Ohio, Pennsylvania and West Virginia.

But fracking has not come without controversies, from the payments to landowners to concerns about air and water quality around fracking sites, as well as damage to rural roads. The committee is hoping to learn from the experiences of these other states in order to protect North Carolina's rural roads.

Road-use agreements

"Even if the (Deep River Shale) operations are reduced from what you might see in those states, we are going to have damages to our roads," said Ricky Greene, deputy chief engineer for NCDOT's Division of Highways.

Unlike many other states, North Carolina counties do not maintain any roads; the state is responsible for overseeing and maintaining one of the largest roadway systems in the country.

But in states with fracking, "it has been much more difficult to predict where the biggest road deterioration is going to happen because it depends on the location and intensity of shale development," the GAO found.

To lessen the damage, North Carolina might follow the practices of other states and set up road-use agreements, in which drilling companies work to repair and maintain the roads they use extensively.

Pennsylvania uses these road-use pacts, also known as maintenance agreements, to maintain roads in areas with heavy truck traffic, said Scott Christie, deputy secretary for highway administration at the Pennsylvania Department of Transportation.

Pennsylvania's lessons

But Christie said the process came with a learning curve. "There was probably an initial period where the (oil and gas) industry was not quite aware of how weak our secondary road system is," Christie said. "But they quickly got up to speed."

He said companies had spent more than \$500 million in the past five years repairing state roads under the agreements. They also have to pay for state inspections of road damage in areas under the agreements, he said.

"Those (rural) roads really can't take a thousand water trucks and cranes coming in a brief period of time to start the drilling operations," Christie said.

The North Carolina oil and gas exploration committee has looked extensively at lessons learned from Pennsylvania and has met with PennDOT officials about their efforts to maintain rural roads.

"It gave us good perspective on a very busy area in this industry," Jones said.

NCDOT state maintenance operations engineer Emily McGraw said the committee must turn in its findings to the North Carolina legislature in January.

Orange County Commissioner Alice Gordon retires after 24 years of public service

The DailyTarHeel.com By Meg Garner 11/25/2014

During her tenure on the Orange County Board of Commissioners, Gordon was recognized for her dedication to her own issues, like environmental protection and education, and for her ability to take all her available resources and put them to their best use, like a true researcher.

"I always analyzed all the data," Gordon said. "I tried to always find a way to use our resources to the maximum effect, but I've always done that. I am a researcher after all."

After 24 years of public service, Gordon is retiring from the Board, effective Monday.

Board Chairman Barry Jacobs said Gordon's meticulous nature is what she will be most remembered for after she departs the Board.

"I think her legacy will be working on schools, transportation and environmental issues," Jacobs said. "It will be on paying attention to minute details."

"She's a good-hearted person who works very hard, and she's been very consistent in what she wants to accomplish."

A champion of the environment and education, Gordon said she looks back on her time as a commissioner and feels satisfied.

"I had goals that I set my sights on 24 years ago, and now I think they have either been completed or are in the process of coming to fruition," Gordon said. "I thought about what I was passionate about and what I was able to accomplish and thought, I have done all I can do."

From the expansion of local schools and a county conservation program to an award-winning transportation plan, Gordon leaves behind a lasting legacy on Orange County.

But Gordon's imminent retirement is not stopping her from celebrating her last major victory — the new science wing at Culbreth Middle School.

"I had been advocating for a long time, about ten years, to renovate the older schools, but there was never really the money or resources in plan but now most school systems are on board with that," Gordon said.

"The ribbon cutting is Dec. 11, and it's going to be an example of what you can do when you tackle the renovations of older schools."

Fellow Commissioner Penny Rich said the new science wing will be a major part of Gordon's legacy.

"She had been working on that for years to bring that school up to the level of other schools in Orange County," Rich said. "She started that when she got here and we just broke ground on that last year, so that will really be her legacy."

Gordon said the waiting game that comes with government procedures has been the most frustrating part of her tenure in public service.

"The biggest thing you have to remember is that it takes a long time to do anything, and you have to be very patient," Gordon said. "You have to wait until the time is right. So I think my biggest frustration was always the pace of progress."

She said her passion for the issues she fought for helped her ignore the wait time and instead focus on the big picture, like the Lands Legacy Program, which won the Excellence in County Planning Award from the National Association of County Planners.

"I proposed a land acquisition program, which turned out to be the first comprehensive county land acquisition program in North Carolina," Gordon said. "We have managed to protect more than 3,000 acres of the land's natural and cultural resources. It was established in 2000 and has been a great success."

Gordon said the conservation program will be one of her biggest accomplishments, and one she hopes the future commissioners continue to strengthen.

As far as her own future is concerned, Gordon is not yet ready to give up fighting for education and the environment in Orange County, but she has yet to determine what role she hopes to take on next.

"I plan on being an active part of the community, but I haven't decided yet what that new role will be and what I will pursue," Gordon said. "It will probably be in one of my main interests."

NCDOT seeks pact from fracking companies to repair damaged roads

The News and Observer By John Murawski December 2, 2014

RALEIGH — North Carolina could require energy exploration companies to pay to repair state roads after a fracking operation is completed, state transportation officials told lawmakers Tuesday.

Drilling is heavily dependent on dump trucks, tanker trucks and 18-wheel rigs that chew up the kinds of two-lane country roads that criss-cross North Carolina's rural counties where shale gas exploration is expected to get underway.

But Republican Sen. E.S. "Buck" Newton of Wilson warned that North Carolina's road maintenance protections must not impede drilling. Newton is a member of the Joint Legislative Commission on Energy Policy.

"We want to get this industry up and moving," Newton told transportation officials. "I don't want our process to be more onerous.

"I want our process to be less onerous but more rigorous."

Fracking could start as early as next spring when the state's safety rules go into effect for energy exploration. As part of that process, the N.C. Department of Transportation will submit a study Jan. 1 that was requested by the legislature to examine the impact of fracking on local roads, particularly in Lee, Moore and Chatham counties where fracking is most likely to begin.

To insure that drillers restore damaged roads to their original condition, DOT will require a surety bond of \$100,000 per each mile of roadway used to haul equipment and materials, which could come to several million dollars for a site, said DOT engineer Brandon Jones.

Such agreements are common in other states where shale gas exploration is underway. DOT will ask lawmakers to write road use maintenance agreements into state law so that there is no ambiguity about the the transportation department's authority to enforce repairs.

Jones assured lawmakers that North Carolina's proposed surety bonds are not onerous and have not generated criticism from the industry. Rebuilding a roadway costs more than \$300,000 per mile, he said.

The road maintenance agreements would cover repairs for secondary roads that were not designed for heavy truck traffic.

DOT officials would also like surety bonds of \$360 per each square foot of bridge, even though rebuilding a bridge costs more than \$600 per square foot, Jones said.

He said a rural bridge that's now crossed by two or three trucks a month could see that increase to 600 crossings a month with trucks carrying sand, chemicals and heavy equipment.

After the update, Republican Sen. Bob Rucho of Matthews extolled the fracking industry's community benefits.

"Some of the roads that started out in Pennsylvania were dirt pathways, and they were paved with asphalt," Rucho said.

ORDER	DIVISION	COUNTY	PROJ NUMB	DESCRIPTION	AMOUNT	STA_OR_FED	AUTH_DATE
018	08	CHATHAM	B-4461	Replace Bridge #10 over Shaddox Creek on SR 1916.	100,000.00	FEDERAL	12/5/2013
018	08	CHATHAM	B-4730	Replace Bridge #108 over Terrell Creek on SR 1549, 0.115 mile.	(94,027.00)	FEDERAL	2/6/2014
018	08	CHATHAM	B-4730	Replace Bridge #108 over Terrell Creek on SR 1549, 0.120 mile.	750,000.00	FEDERAL	11/7/2013
018	08	CHATHAM	B-4731	Replace Bridge #129 over Harlands Creek on SR 2159, 0.125 mile.	925,000.00	FEDERAL	1/9/2014
018	08	CHATHAM	B-4731	Replace Bridge #129 over Harlands Creek on SR 2159, 0.125 miles.	22,260.00	FEDERAL	5/1/2014
018	08	CHATHAM	BD-5108AD	Replace Bridge #287 over a Prong of Rocky River on SR 1305.	475,000.00	FEDERAL	7/10/2014
018	08	CHATHAM	BD-5108AD	Replace Bridge #287 over a Prong of Rocky River on SR 1305.	40,000.00	FEDERAL	4/3/2014
018	08	CHATHAM	C-5176	American Tobacco Trail - New Hope Church Road Trailhead Park and Ride Lot.	1,192,000.00	FEDERAL	2/6/2014
018	08	CHATHAM	C-5551	US 64 Business (East Street) from Chatham Business Park Drive to White's Mobile Home Park Drive.	5,500.00	FEDERAL	9/4/2014
018	08	CHATHAM	C-5551	US 64 Business (East Street) from Chatham Business Park Drive to White's Mobile Home Park Drive.	128,050.00	FEDERAL	9/4/2014
018	08	CHATHAM	R-4073H	Site #6-48 (Pittsboro) Asphalt Materials Testing Labs Corrective Action Plan for Potential Groundwater Contamination.	1,000,000.00	FEDERAL	7/10/2014
018	08	CHATHAM	SS-4908AM	NC 751 at SR 1733 (New Hope Church Road).	18,500.00	FEDERAL	6/5/2014
018	08	CHATHAM	W-5208G	SR 1717 (Jack Bennett Road) from west of SR 1716 (Big Woods Road).	835,000.00	FEDERAL	5/1/2014
031	05	DURHAM	B-4943	Replace Bridge #20 over Dial Creek on SR 1616.	385,000.00	FEDERAL	10/3/2013
031	05	DURHAM	EB-4411D	Division 5 - SR 1110 (Farrington Road and Barbee Chapel Road) and SR 1107 (Stagecoach Road) in Durham County.	1,600,000.00	FEDERAL	8/7/2014
031	05	DURHAM	I-5707	I-40 and NC 55 (Alston Avenue) to NC 147 (Durham Freeway/Triangle Expressway) in Durham.	500,000.00	FEDERAL	7/10/2014
031	05	DURHAM	SS-4905BI	SR 1004 (Old Oxford Road) at SR 1648 (Danube Lane).	25,000.00	FEDERAL	12/5/2013
031	05	DURHAM	SS-4905BM	SR 1407 (Carver Street) at Broad Street / Kenan Road.	95,000.00	FEDERAL	11/7/2013
031	05	DURHAM	SS-4905CF	SR 1443 (Horton Road) at Stadium Drive.	5,000.00	FEDERAL	4/3/2014
031	05	DURHAM	SS-4905CH	US 15 / 501 from SR 1333 to SR 1116 (Garrett Road) at Falls Mountain Way.	30,000.00	FEDERAL	6/5/2014
031	05	DURHAM	SS-4905CI	SR 1656 (Trinity Road) at Corporate Center Drive.	4,000.00	FEDERAL	6/5/2014
031	05	DURHAM	SS-4905CJ	US 70 at SR 1957 (Peyton Avenue).	5,000.00	FEDERAL	9/4/2014
031	05	DURHAM	SS-4905CK	US 501 Business (Roxboro Street) from Club Boulevard to Pacific Avenue.	25,000.00	FEDERAL	9/4/2014
031	05	DURHAM	U-0071	Durham East End Connector from north of NC 98 to NC 147 (Buck Dean Freeway).	140,700,000.00	STATE	9/4/2014
031	05	DURHAM	U-0071	East End Connector from north of NC 98 to NC 147 (Buck Dean Freeway), 3.789 miles.	296,987.00	FEDERAL	9/4/2014
031	05	DURHAM	U-0071	DUR N LOOP	2,400,000.00	FEDERAL	12/5/2013
031	05	DURHAM	U-0071WM	East End Connector from north of NC 98 to NC 147 (Buck Dean Freeway).	407,821.04	STATE	9/4/2014
031	05	DURHAM	U-5517	NC 54 from SR 1110 (Farrington Road) to the I-40 Eastbound Entrance Ramp.	160,000.00	FEDERAL	5/1/2014
067	07	ORANGE	C-4932B	Operation Assistance for Orange County Public Transit Route. \$198,000.00 has previously been approved for construction. Additional funds are needed for construction, based on the latest estimate for a bus shelter, installation of four bike racks on Orange	163,350.00	FEDERAL	3/6/2014
067	07	ORANGE	EB-4411E	NC 86 from Whitfield Road and US 70 Business.	500,000.00	FEDERAL	12/5/2013
067	07	ORANGE	EL-4828	Morgan Creek Parkway - Western Section from SR 1919 (Smith Level Road) to University Lake.	129,260.00	FEDERAL	4/3/2014
067	07	ORANGE	I-3306A	I-40 from I-85 in Orange County to the Durham County Line.	1,000,000.00	FEDERAL	10/3/2013
067	07	ORANGE	I-5312	I-85 from east of I-40 to the Durham County Line, 7.465 miles.	(2,018,711.00)	FEDERAL	1/9/2014
067	07	ORANGE	I-5312	I-85 from east of I-40 to the Durham County Line, 7.465 miles.	4,300,000.00	FEDERAL	10/3/2013
067	07	ORANGE	SR-5001AR	Safe Routes to School. Construct sidewalk along the south side of Culbreth Road from the existing sidewalk to the town limits to serve Culbreth Middle School and Frank Porter Graham Elementary School.	(4,407.00)	FEDERAL	3/6/2014
067	07	ORANGE	SS-4907AZ	NC 86 (Churton Street) at SR 1150 / SR 1002 (King Street), and NC 86 (Churton Street) at Margaret Street in Hillsborough.	3,000.00	FEDERAL	1/9/2014
067	07	ORANGE	SS-4907BE	SR 1010 (Franklin Street) in Chapel Hill from Boundary Street to Deming Road.	2,000.00	FEDERAL	6/5/2014
067	07	ORANGE	SS-4907BF	SR 1567 (Pleasant Green Road) at SR 1569 (Cole Mill Road).	15,000.00	FEDERAL	9/4/2014

067	07	ORANGE	SS-4907BG	SR 1710 (Old NC 10) at SR 1713 (Mount Hermon Church Road).	3,000.00	FEDERAL	9/4/2014
067	07	ORANGE	U-4726DD	Rogers Road sidewalk from Homestead Road to Meadow Run Court.	35,253.00	FEDERAL	4/3/2014
067	07	ORANGE	U-4726DF	Bicycle Detection at signalized intersections.	11,025.00	FEDERAL	11/7/2013
067	07	ORANGE	W-5143	SR 1004 (Efland-Cedar Grove Road) from north of the intersection with SR 1332 (Highland Farm Road).	25,000.00	FEDERAL	12/5/2013
067	07	ORANGE	W-5143	SR 1004 (Efland-Cedar Grove Road) from north of the intersection with SR 1332 (Highland Farm Road).	80,000.00	FEDERAL	5/1/2014
067	07	ORANGE	W-5207E	SR 1734 (Erwin Road) at SR 1791 (Mount Moriah Road).	290,000.00	FEDERAL	1/9/2014
067	07	ORANGE	W-5207E	SR 1734 (Erwin Road) at SR 1791 (Mount Moriah Road).	350,000.00	FEDERAL	11/7/2013
067	07	ORANGE	W-5207I	SR 1005 (Jones Ferry Road) and Davie Street in Carrboro.	75,000.00	FEDERAL	7/10/2014