

AGENDA
Orange Unified Transportation Board
June 15, 2016
7:00 p.m.

You can bring your laptops/tablets if you would like to use them.

Conference Room 004 (Lower Floor) Orange County West Campus
131 West Margaret Lane, Hillsborough

<u>Time</u>	<u>Item</u>	<u>Title</u>
7:00	1.	Call to Order and Determination of Quorum
7:05	2.	Approval of Minutes from April 4 , 2016
7:10	3.	Consideration of Additions to the Agenda
	4.	<u>Regular Agenda (Action Items)</u>
7:15	4.a.	<u>Orange Unified Transportation Board (OUTBoard) Rules and Procedures Amendment</u> (Abigaile Pittman) OUTBoard Action: Consider an amendment to the OUTBoard specific Rules and Procedures to revise its meeting time, and forward a recommendation to the Board of County Commissioners (BOCC).
7:30	4.b.	<u>Bicycle Safety Task Force Applicants, Proposed Revised Resolution, Task Force Charge, and Orange County Bicycle Crash Report 2007-2013)</u> (Abigaile Pittman and Max Bushell) OUTBoard Action: To review and make a recommendation on revisions to the slate of Bicycle Safety Task Force applicants; to review and make a recommendation on a proposed amended Bicycle Safety Task Force Resolution; to receive and discuss the Orange County Bicycle Crash Report 2007-2013; and to discuss implementation of the Task Force Charge as set forth in the Resolution.
8:15	5.	Staff Updates
	5.a.	Flow charts indicating the progress of transportation projects through the SPOT 4.0 Transportation Project Prioritization Process (STIP) 2018-2027. (Max Bushell)
8:30		OUTBoard Action: Receive information.
8:45	5b.	Update on NCDOT Division 7 transportation projects located in the Durham-Chapel Hill-Carrboro Metropolitan Planning Organization (DCHC MPO) planning area. (Max Bushell)
8:50	6.	Board Comments
	7.	Adjournment

Charge of the OUTBoard (from Section I, Part C of the adopted Rules and Procedures)

1. *The OUT Board is charged with advising the Board of County Commissioners on the planning and programming of transportation infrastructure improvements and other County transportation planning initiatives, as directed by the Board.*
2. *From time to time the OUT Board may be directed to provide input on regulations on which the Planning Board has primary statutory and local ordinance advisory duties. In such instances, the OUT Board shall serve in an advisory capacity to the Planning Board.*

Meetings (from Section IV, Part C of the adopted Rules and Procedures)

C. Date, Time, and Location of Regular Meetings

3. *Regular meetings of the OUT Board shall be held as needed to address items that require Board action consistent with its Charge and Duties identified herein. Meetings are held on the third Wednesday of the month. The start time and location of the meeting shall be included on the agenda and shall typically be 7:00 p.m. at the Orange County West Campus Office Building located at 131 West Margaret Lane, Hillsborough. The OUT Board Chair, in consultation with staff, shall have the authority to change the start time and location of a regular meeting to meet any special circumstances, provided the information is included on the distributed agenda.*

51 Max Bushell explained to the Board that map ID 4 actually cannot be funded at the Regional Impact funding level
52 because it is a secondary route and is not eligible for funding, except at the Division Needs funding level.

53
54 Heidi Perry asked about improvements for bicycle and pedestrian traffic.

55
56 Matt Day explained that there are two pots of funding. There is a regional pot and a division pot. The bike and
57 pedestrian is only eligible in the division pot. Alex Castro asked, whether multi lane with pedestrian and bicycle
58 facilities is just modernization?

59
60 Matt Day explained that multi lane means that they are adding extra lanes so they are saying to make it a 4 lane
61 road.

62
63 Jeff Charles said that, while they are doing that, they wanted to go ahead and put the bicycle lanes in. As it is in the
64 MPO jurisdiction, it can potentially get funded.

65
66 Max Bushell explained that highway projects can get funded in any of the three categories.

67
68 Matt Day said that you're allowed to add bicycle as an incidental piece of a highway project.

69
70 Max Bushell said that NCDOT does not build roads anymore without two foot shoulders. That is the new standard

71
72 Matt Day added to Max's comment that the new standard applies only to a new road. Road repaving projects, Matt
73 continues, do not have to include the addition of two foot shoulders.

74
75 Jeff Charles said that Orange County is not going to get a lot of new roads. Everything is about resurfacing and
76 making things bicycle friendly.

77
78 Max Bushell suggested that ultimately what we really need to decide here is the top three projects in each category,
79 as those are the projects likely to receive funding.

80
81 Heidi Perry asked if this is the list they had already come up with earlier in the year?

82
83 Max Bushell said that no, it is not. It is the list he put together based on his assessment and the prioritization process
84 used in the last round of prioritization. Ultimately, at this level, the projects that will likely get funded are mostly
85 interchanges or highway projects.

86
87 Art Menius asked about the necessity of improvement on i Hwy 54.

88
89 Abigaile Pittman explained that the corridor study that they are doing has been designed to answer the question as to
90 what is really needed on Hwy 54.

91
92 Matt Day explained that what the Board needs to think about with these rankings is what they believe is the most
93 important should be ranked high. He continued by stating that since they don't have the scores, it may be advisable
94 for the group to identify the projects they don't like, and then just accept the NCDOT rankings from highest score to
95 least for the remainder of the projects, then place the projects they don't like at the bottom of the list. He stated that
96 this is what Chatham County did.

97
98 David Laudicina explained that he travels Hwy 54 often and in the morning it is pretty congested and that people who
99 work in Chapel Hill often times cannot afford to live there, so they are commuting and taking Hwy 54 in to work.

100
101 Heidi Perry asked if it is congested from the lack of another lane or because there isn't smooth traffic flow.

102
103 David Laudicina thinks that it is a traffic flow issue and that signal improvements may be able to help.
104
105 Alex Castro agrees with Heidi that signalization could improve Hwy 54 more than adding lanes would.
106
107 Jeff Charles said that signalization causes a lot of potential problems and that it is not a simple fix.
108
109 Max Bushell explained that he needs to break number two under TARPO into two projects.
110
111 Matt Day explained that DOT required they leave the widening project in there.
112
113 Max Bushell said that from what he is hearing, the operational improvement project should be a top priority.
114
115 Matt Day agreed with Max Bushell.
116
117 Jeff Charles asked how many of the projects on the list have a chance of getting funded.
118
119 Max Bushell said that for DCHC not very many of these are likely to get funded, based on the level of competition
120 between projects across the funding region. For TARPO however they do need a complete prioritized list.
121
122 Amy Cole asked if they are talking about construction with the on-ramp and off-ramp or are they talking about the
123 actual overpasses on I-85 and Hwy 86.
124
125 Matt Day said that generally with an interchange project you're replacing the bridge and the ramps all at the same
126 time.
127
128 Amy Cole asked if the bridge will be widened and accessible for bicycles and pedestrians.
129
130 Matt Day said typically yes.
131
132 Jeff Charles asked if they can wait on voting until they see the scores from NCDOT.
133
134 Heidi Perry explained that if they waited they wouldn't be able to give input.
135
136 Matt Day said that the TARPO meeting when they will actually vote on it is May 19th so if the Board meets before that
137 day you can submit comments then.
138
139 Max Bushell said that he thinks the top three or four will be funded.
140
141 Matt Day said that from his experience interchange projects, interstate widening projects, and intersection projects
142 scored well.
143
144 Max Bushell explained that since they have spent an hour on this already he suggested they move the two I-40
145 projects to the bottom of the list as the group did not think those should be funded at the Regional Impact level and
146 then they should go with the NCDOT scores in order from most to least for the remainder of the projects, because
147 this is one small part of a larger public process and this will maximize the funding to Orange County.
148
149 Alex Castro asked if someone could restate the motion.
150
151 Max Bushell said the motion is to accept the NCDOT scoring as is in the DCHC MPO, but with the two I-40 projects
152 at the bottom and to otherwise rank the projects based on NCDOT scoring. For the TARPO, he said we rank the

153 projects based on NCDOT scoring but the NC 54 widening projects will go to the bottom. The Burlington-Graham
154 MPO projects will remain as prioritized.

155

156 **MOTION** made by Jeff Charles; Seconded by Alex Castro

157 **VOTE:** Unanimous

158

159 **AGENDA ITEM 4b: Bicycle Safety Task Force (Abigaile Pittman)**

160

161 OUTBoard Action: Receive and review Bicycle Safety Task Force applications, provide comments and
162 recommendations, and forward to the Board of County Commissioners (BOCC).

163

164 *Abigaile Pittman delivered the presentation*

165

166 OUTBoard members reviewed the submitted applications and expressed approval of all 14 submittals, noting that
167 there were no applicants from the law enforcement and Chapel Hill/Carrboro Chamber of Commerce membership
168 groups. Abigaile Pittman reminded the Board that the membership groups in the Resolution are guidelines.

169

170 There was agreement that Heidi Perry and Jeff Charles would serve as liaisons to the Bicycle Safety Task Force.

171

172 Jeff Charles, Heidi Perry, Alex Castro, Art Menius and Erle Smith expressed concern about not having Orange
173 County law enforcement representation on the Task Force. They felt that constructive input from law enforcement at
174 Task Force meetings will be very important and that it would be difficult to succeed in its endeavor otherwise. They
175 noted that education is a key component of the Task Force's mission. Law enforcement representation will allow the
176 Task Force to better know what the rules of the roads are; and disseminate this information out across the
177 motoring/bicycling population. Educational information developed by the Task Force will also be available for use by
178 Orange County law enforcement in its interactions with the public, so their input is important for this reason also.

179

180 **MOTION** made by Jeff Charles to:

- 181 • Recommend the 14 applications that were received;
- 182 • Designated Heidi Perry and Jeff Charles as OUTBoard liaisons to the Task Force; and
- 183 • Request that the BOCC request Charles Blackwood to select someone from the Sheriff's Office to serve on
184 the Task Force.

185

186 The motion was seconded by Erle Smith

187

188 **VOTE:** Unanimous

189

190 **AGENDA ITEM 5: Staff Updates (Abigaile Pittman)**

191 Abigaile Pittman instructed the Board to review the DCHC update included in the packet at their leisure.

192

193 **AGENDA ITEM 6: Board Comments**

194

195 **AGENDA ITEM 7: Adjournment**

196

197 **MOTION** made by Gary Saunders to adjourn the meeting seconded by Alex Castro

198 **VOTE:** Unanimous

199

200

201

202

203

Heidi Perry, Chair

**ORANGE COUNTY
ORANGE UNIFIED TRANSPORTATION BOARD (OUTBoard)
ACTION AGENDA ITEM ABSTRACT
Meeting Date: June 15, 2016**

**Action Agenda
Item No. 4.a.**

SUBJECT: Orange Unified Transportation Board (OUTBoard) Rules and Procedures

DEPARTMENT: Planning

ATTACHMENT(S):

1. Proposed revision to OUTBoard Rules and Procedures

INFORMATION CONTACT:

Abigaile Pittman, Transportation Planner, 245-2567
Tom Altieri, Comprehensive Planning Supervisor, 245-2575

PURPOSE: To consider a recommendation amending the OUTBoard specific Rules and Procedures to revise its meeting time.

BACKGROUND: In April OUTBoard members discussed revising the starting time of its meetings from 7:00 p.m. to an earlier time to reduce the lag time between the end of the typical work day at 5:00 p.m. and the start of the meeting, and allow members to get home earlier afterwards. A follow-up poll indicated that a meeting time of 6:30 p.m. would accommodate all members. The Board did not feel that moving the meeting time up by half an hour would negatively impact civic participation.

To revise the meeting time, Section IV.C.1 of the Board's adopted Rules and Procedures must be approved by the Board of County Commissioners (BOCC). Planning staff has prepared a proposed amendment that would revise the meeting time from 7:00 p.m. to 6:30 p.m. ([Attachment 1](#)).

The OUTBoard's Rules and Procedures were last amended on January 21, 2016 to add a seventh (7th) at-large position to encourage membership with expertise or interest in Public Health.

FINANCIAL IMPACT: There is no financial impact associated with amending the OUTBoard specific Rules and Procedures.

SOCIAL JUSTICE IMPACT: The following Orange County Social Justice Goal is associated with this item:

GOAL: ENABLE FULL CIVIC PARTICIPATION

Ensure that Orange County residents are able to engage government through voting and volunteering by eliminating disparities in participation and barriers to participation.

The revision of the OUTBoard's regular meeting time will result in positive outcomes related to eliminating barriers to volunteer member participation, and will not negatively impact attendance by Orange County residents.

RECOMMENDATION: The staff recommends that the OUTBoard recommend the BOCC approve the proposed amendment to the Rules and Procedures.

Orange Unified Transportation (OUT) BOARD POLICIES AND PROCEDURES

Amendment Note:

Proposed deletions to existing text are ~~struck through~~. Proposed additions to existing text are depicted in red and underscored.

SECTION IV. MEETINGS

A. Staffing

1. Orange County staff may serve a support function to the OUT Board upon the approval of the Orange County Manager.

B. Agendas

1. Items for agendas shall be approved by the OUT Board Chair and Orange County staff.

C. Date, Time, and Location of Regular Meetings

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**ORANGE COUNTY
ORANGE UNIFIED TRANSPORTATION BOARD (OUTBoard)
ACTION AGENDA ITEM ABSTRACT
Meeting Date: June 15, 2016**

**Action Agenda
Item No. 4.b.**

SUBJECT: Bicycle Safety Task Force

DEPARTMENT: Planning

ATTACHMENT(S):

1. Revised Slate of Bicycle Safety Task Force Applicants
2. Proposed Amended Bicycle Safety Task Force Resolution
3. Orange County Bicycle Crash Report 2007-2013

INFORMATION CONTACT:

Abigaile Pittman, Transportation/Land Use Planner, 245-2567
Max Bushell, Transportation Planner, 245-2579
Tom Altieri, Comprehensive Planning Supervisor, 245-2575

PURPOSE: To review and make a recommendation on revisions to the slate of Bicycle Safety Task Force applicants (Attachment 1); to review and make a recommendation on a proposed amended Bicycle Safety Task Force Resolution (Attachment 2); to receive and discuss the Orange County Bicycle Crash Report 2007-2013 (Attachment 3); and to discuss implementation of the Task Force Charge as set forth in the Resolution.

BACKGROUND:

A process to create a County Bicycle Safety Task Force was set in motion in November, 2014 when Commissioners Price and Jacobs brought forth a petition regarding bicycle safety, requesting staff to work with the OUTBoard to develop a plan with input from key stakeholder groups. Since that time, continuing efforts by staff and the OUTBoard, with guidance and input from the Board of County Commissioners (BOCC) and the Manager, have resulted in the development and acceptance of a Bicycle and Pedestrian Safety Report, and a Resolution creating a Bicycle Safety Task Force with a charge focused on bicycle safety, education and research. Applicants for the Task Force were solicited from key stakeholder groups, the OUTBoard received and recommended 14 applicants; and 3 additional applications have been received through the efforts of the Manager's office, to more fully address the membership groups per the Resolution.

Additional Task Force Applicants

Staff and the OUTBoard made an extensive good faith effort towards fulfilling the intent of the BOCC's guidelines for Task Force composition. A total of fourteen (14) applications were received and presented to the OUTBoard at its meeting on April 4, 2016, representing 9 of the 11 membership groups. Since the OUTBoard meeting, in the course of the BOCC agenda review process for processing the appointment request for the applications, three (3) additional applications were received through efforts made by the County Manager's office to address the other two membership groups (the Sheriff's Department and the Chapel Hill/Carrboro Chamber of Commerce), and to have a member from the Visitor's Bureau Board, rather than the Director of the Department. Therefore, the slate of applicants has been revised to more completely fulfill the

membership guidelines of the Resolution (Attachment 1), and has been returned to the OUTBoard for review and recommendation.

Proposed Amended Resolution

The Resolution authorizing the creation of a Bicycle Safety Task Force and future appointment of members to serve on the task force was originally approved by the Board of County Commissioners (BOCC) at its March 1, 2016 meeting. The BOCC requested that staff work with the OUTBoard and return with a recommended list of names to be appointed to the Task Force. The application process, including recent efforts by the Manager's office to fulfill the membership guidelines, produced sixteen (16) applicants, which is one application over the total number provided by the initially adopted Resolution. Therefore, a proposed amended Resolution increasing the total number of Task Force members to sixteen (16) is provided as Attachment 2 for the OUTBoard's review and recommendation.

Orange County Bicycle Crash Report, 2007-2013

To support and inform the efforts of the Bicycle Safety Task Force, Max Bushell of the Planning staff prepared a report on bicycle crashes in the rural parts of Orange County (Attachment 3). Crash data is originally sourced from police crash reports and provided by the North Carolina Department of Transportation (NCDOT) and is presented as specific locational data for pedestrian and bicycle crashes with associated information about each crash. While crashes were geocoded as close to the crash location as possible, users should be aware that the accuracy and level of precision in crash location reporting may be influenced by a number of factors, though every effort was made to ensure data accuracy. The report analyzes a total of thirty-four (34) crashes that occurred in the County between 2007 and 2013 and includes information about age, types of injuries, demographics, crash types, and road and light conditions. Included in the report is a crash cluster map, indicating where bicycle crashes are occurring more frequently in the County. The overall intent of the report is to provide meaningful information about bicycle safety, allowing the implementation of the Task Force Charge to be based on verified data.

Of these bicycle crashes, three (3) bicyclists were killed and seven (7) severely injured, accounting for a combined 29 percent of all bicycle crashes between 2007 and 2013. According to the data, the majority of crash-involved cyclists were white males, while crashes typically occurred during daylight hours on straight areas of roadway without any special features, i.e. no intersections, driveways, etc. In terms of location, crashes occurred most frequently in areas directly to the west of Carrboro and between the City of Durham and the Town of Hillsborough.

The analysis of the Crash Report verifies that motorists overtaking bicyclists can create hazardous conditions for both road users and that intersections also pose a threat in terms of safety. As most roads are narrow, have a limited shoulder, and have speed limits higher than 35 miles per hour, bicycle crashes are also likely to result in injuries, so it is important that the public be aware of the risks. This information can help target efforts to improve safety and also inform the activities of the Task Force.

Task Force Charge

The Charge of the Task Force as set forth in the Resolution (Attachment 2) is to:

1. Develop a campaign for bicycle safety, education and research;
2. Develop an implementation timetable with estimated funding request information within the first 5 meetings, and present it to the OUTBoard for review and recommendation, and review and approval by the BOCC; and

3. Develop an implementation report and present it to the OUTBoard for review and recommendation, and review, approval and funding commitment by the BOCC.

With the Task Force appointments scheduled to be made at the June 21st BOCC meeting, plans for the implementation of the Charge need to be underway. A discussion of the Charge and ideas on Task Force meeting structure and objectives would be appropriate for the Board to undertake at this time, to be carried forward to the Task Force by the OUTBoard liaisons.

FINANCIAL IMPACT: Other than staff time, there is no immediate financial impact associated with this item.

SOCIAL JUSTICE IMPACT: The following Orange County Social Justice Goal is applicable to this agenda item:

- **GOAL: CREATE A SAFE COMMUNITY**

The reduction of risks from vehicle/traffic accidents, childhood and senior injuries, gang activity, substance abuse and domestic violence.

Efforts to implement the recommendations of the Bicycle and Pedestrian Safety Report through the Bicycle Safety Task Force will result in positive outcomes related to the above Goal.

RECOMMENDATION(S): The staff recommends that the OUTBoard:

1. Review and make a recommendation on revisions to the slate of Bicycle Safety Task Force applicants (Attachment 1), and forward to the BOCC;
2. Review and make and make a recommendation on the proposed amended Task Force Resolution (Attachment 2), and forward to the BOCC;
3. Receive and discuss information on the Orange County Bicycle Crash Report 2007-2013 (Attachment 3); and
4. Discuss the Task Force Charge as set forth in the Resolution and the Bicycle Crash Report and offer ideas on meeting structure and objectives.

Bicycle Safety Task Force Applicants

Membership Category	Applicants
Law enforcement agencies (Sheriff's Department, Highway Patrol)	Deputy Brian Whitehurst
School representative	Sara Pitts, Director for Environmental Health and Safety
Orange County Visitor's Bureau	Anthony Carey
NCDOT staff	Chuck Edwards, NCDOT
County and regional planning staff	Matt Day, TARPO Abigaile Pittman, Orange County Planning Department
County business	Eli Betz
Hillsborough/Orange County Chamber of Commerce	Kim Tesoro
Chapel Hill/Carrboro Chamber of Commerce	Anthony Carey
Bicycle advocacy groups	Alyson West Todd Jones William Langston
Those who work with driver's education classes and traffic offenders	Buddy Hartley, Driver's education teacher/coordinator
Interested and concerned Orange County residents	Peter Leousis Clifford Leath Peter Klopfer Bonnie Hauser

**VOLUNTEER APPLICATION
ORANGE COUNTY BICYCLE TASK FORCE**

This application is a public document

If you are at least 18 years old, and willing to volunteer your time and expertise to the Orange County Bicycle Safety Task Force, you may complete this application and mail/email it by March 31, 2016 to the address/email below:

Orange United Transportation Board
(OUTBoard)
c/o Abigaile Pittman, Planning Department
P.O. Box 8181
Hillsborough, NC 27278
Phone (919) 245-2567
Email: abpittman@orangecountync.gov

Your application will be considered by the Commissioners when reviewing and making appointments.

NAME: Brian Whitehurst

HOME ADDRESS: 106 E. Margaret Ln.

CITY: Hillsborough N.C. Zip Code: 27278

PHONE: (Day) 919-201-8765 (Evening/late) 919-201-8765 (Cell) 919-201-8765

EMAIL: bwhitehurst@orangecountync.gov

PLACE OF EMPLOYMENT: Orange County Sheriff's Office JOB TITLE: Deputy Sheriff

ARE YOU AT LEAST 18 YEARS OF AGE?

Yes No

ARE YOU A MEMBER OF ANY OF THE FOLLOWING GROUPS? (Check all that apply)

- | | | |
|---|--|---|
| <input checked="" type="checkbox"/> Law enforcement agency | <input type="checkbox"/> Orange County business | <input type="checkbox"/> Hillsborough/Orange Chamber of Commerce |
| <input type="checkbox"/> School representative | <input type="checkbox"/> Bicycle advocacy group | <input type="checkbox"/> Chapel Hill/Carrboro Chamber of Commerce |
| <input type="checkbox"/> Orange County Visitors Bureau | <input type="checkbox"/> Orange County Planning Department staff | |
| <input type="checkbox"/> NCDOT | <input type="checkbox"/> Regional planning staff | |
| <input checked="" type="checkbox"/> Group working with drivers education classes and/or traffic offenders | | |

PLEASE LIST YOUR CURRENT COMMUNITY ACTIVITIES/ORGANIZATIONAL MEMBERSHIPS:

I am currently employed as a Deputy Sheriff with the Orange County Sheriff's Office. I am currently a Law Enforcement Liaison to the Governor's Highway Safety Program where I serve seven counties in the Capitol Region. I am involved with the Youth Program at First Baptist Church in Hillsborough.

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Phone (919) 245-2567
Email: abpittman@orangecountync.gov

Your application will be considered by the Commissioners when reviewing and making appointments.

NAME: Sara Pitts
HOME ADDRESS: 327 Slate Dr.
CITY: Gibsonville Zip Code: 27249
PHONE: (Day) 9197328126 (Evening/late) 9194514775 (Cell) 9194514775
EMAIL: sara.pitts@orange.k12.nc.us
PLACE OF EMPLOYMENT: Orange County Schools JOB TITLE: Director of Environ. Health & Safety

ARE YOU AT LEAST 18 YEARS OF AGE?

Yes No

ARE YOU A MEMBER OF ANY OF THE FOLLOWING GROUPS? (Check all that apply)

- | | | |
|--|--|---|
| <input type="checkbox"/> Law enforcement agency | <input type="checkbox"/> Orange County business | <input type="checkbox"/> Hillsborough/Orange Chamber of Commerce |
| <input checked="" type="checkbox"/> School representative | <input type="checkbox"/> Bicycle advocacy group | <input type="checkbox"/> Chapel Hill/Carrboro Chamber of Commerce |
| <input type="checkbox"/> Orange County Visitors Bureau | <input type="checkbox"/> Orange County Planning Department staff | |
| <input type="checkbox"/> NCDOT | <input type="checkbox"/> Regional planning staff | |
| <input type="checkbox"/> Group working with drivers education classes and/or traffic offenders | | |

PLEASE LIST YOUR CURRENT COMMUNITY ACTIVITIES/ORGANIZATIONAL MEMBERSHIPS:

Orange County Local Emergency Planning Committee-Hazardous Waste
Orange County Student Health Advisory Council

PLEASE EXPLAIN HOW YOUR BACKGROUND EXPERIENCES ARE RELEVANT TO THIS TASK FORCE:

Background in Environmental Health and Safety.
Served on Advisory Councils for several School Districts.

PLEASE EXPLAIN YOUR REASONS FOR WANTING TO SERVE ON THIS TASK FORCE:

It presents an opportunity to promote and educate Orange County residents, especially children, about healthy and safe activities to get them outside and active. Also, I feel that the goal of this Task Force could greatly align with those of the SHAC organization, and cooperation between the two groups could be very beneficial for OC residents.

DO YOU HAVE ANY PERSONAL OR BUSINESS INTEREST(S) THAT COULD CREATE A CONFLICT OF INTEREST (EITHER REAL OR PERCEIVED) IF YOU ARE APPOINTED TO THIS TASK FORCE?

Yes No If yes, then please explain:

ARE YOU SERVING OR HAVE YOU EVER SERVED ON ANY ORANGE COUNTY TASK FORCE OR ADVISORY BOARD?

Yes No If yes, please indicate which one(s):

DO NOT SUBMIT RESUMES OR ATTACHMENTS.

SIGNATURE AND DATE



Signature

3/29/2016
Date

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 P.O. Box 8181
 Hillsborough, NC 27278
 Phone (919) 245-2567
 Email: abpittman@orangecountync.gov

Your application will be considered by the Commissioners when reviewing and making appointments.

NAME: Anthony Carey
 HOME ADDRESS: 1152 Newberry Dr.
 CITY: Mebane Zip Code: 27302
 PHONE: (Day) 919-918-2553 (Evening/late) 919-218-5918 (Cell) 919-218-5918
 EMAIL: acarey@sienahotel.com
 PLACE OF EMPLOYMENT: The Siena Hotel JOB TITLE: General Manager

ARE YOU AT LEAST 18 YEARS OF AGE?

Yes No

ARE YOU A MEMBER OF ANY OF THE FOLLOWING GROUPS? (Check all that apply)

- | | | |
|--|--|---|
| <input type="checkbox"/> Law enforcement agency | <input type="checkbox"/> Orange County business | <input type="checkbox"/> Hillsborough/Orange Chamber of Commerce |
| <input type="checkbox"/> School representative | <input type="checkbox"/> Bicycle advocacy group | <input type="checkbox"/> Chapel Hill/Carrboro Chamber of Commerce |
| <input type="checkbox"/> Orange County Visitors Bureau | <input type="checkbox"/> Orange County Planning Department staff | |
| <input type="checkbox"/> NCDOT | <input type="checkbox"/> Regional planning staff | |
| <input type="checkbox"/> Group working with drivers education classes and/or traffic offenders | | |

PLEASE LIST YOUR CURRENT COMMUNITY ACTIVITIES/ORGANIZATIONAL MEMBERSHIPS:

I recently termed out from my boards, Orange County visitors Bureau and the Chapel Hill Chamber. I am on the Triangle Area Hotel/Hotel Association serving as Past President.

PLEASE EXPLAIN HOW YOUR BACKGROUND EXPERIENCES ARE RELEVANT TO THIS TASK FORCE:

I have either lived or worked in Orange County since 1972. I'm an avid bicyclist as is my family of five. We race BMX bikes around the country and spend most of our leisure time biking throughout Orange County.

PLEASE EXPLAIN YOUR REASONS FOR WANTING TO SERVE ON THIS TASK FORCE:

To improve Bicycle safety and awareness throughout the county.

DO YOU HAVE ANY PERSONAL OR BUSINESS INTEREST(S) THAT COULD CREATE A CONFLICT OF INTEREST (EITHER REAL OR PERCEIVED) IF YOU ARE APPOINTED TO THIS TASK FORCE?

Yes No If yes, then please explain:

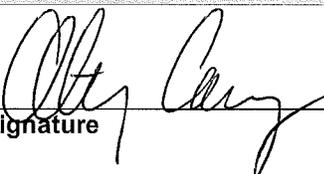
ARE YOU SERVING OR HAVE YOU EVER SERVED ON ANY ORANGE COUNTY TASK FORCE OR ADVISORY BOARD?

Yes No If yes, please indicate which one(s):

Orange County Visitors Bureau. 2009-2015

DO NOT SUBMIT RESUMES OR ATTACHMENTS.

SIGNATURE AND DATE


Signature _____

5/20/16
Date

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Phone (919) 245-2567
Email: abpittman@orangecountync.gov

Your application will be considered by the Commissioners when reviewing and making appointments.

NAME: Chuck Edwards, District Engineer, NC Dept. of Transportation
HOME ADDRESS: P. O. Box 766
CITY: Graham, NC Zip Code: 27253
PHONE: (Day) (336)570-6833 (Evening/late) _____ (Cell) _____
EMAIL: cnedwards@ncdot.gov
PLACE OF EMPLOYMENT: NC Dept of Transp. JOB TITLE: District Engineer

ARE YOU AT LEAST 18 YEARS OF AGE?

Yes No

ARE YOU A MEMBER OF ANY OF THE FOLLOWING GROUPS? (Check all that apply)

- | | | |
|--|--|---|
| <input type="checkbox"/> Law enforcement agency | <input type="checkbox"/> Orange County business | <input type="checkbox"/> Hillsborough/Orange Chamber of Commerce |
| <input type="checkbox"/> School representative | <input type="checkbox"/> Bicycle advocacy group | <input type="checkbox"/> Chapel Hill/Carrboro Chamber of Commerce |
| <input type="checkbox"/> Orange County Visitors Bureau | <input type="checkbox"/> Orange County Planning Department staff | |
| <input checked="" type="checkbox"/> NCDOT | <input type="checkbox"/> Regional planning staff | |
| <input type="checkbox"/> Group working with drivers education classes and/or traffic offenders | | |

PLEASE LIST YOUR CURRENT COMMUNITY ACTIVITIES/ORGANIZATIONAL MEMBERSHIPS:

Provide public service to Orange County in professional role as NCDOT District Engineer

PLEASE EXPLAIN HOW YOUR BACKGROUND EXPERIENCES ARE RELEVANT TO THIS TASK FORCE:

28 years of applied administrative and field engineering experience with N. C. Department of Transportation with oversight of construction, maintenance and operation of the State Highway System in Orange and Alamance Counties

PLEASE EXPLAIN YOUR REASONS FOR WANTING TO SERVE ON THIS TASK FORCE:

Request to serve by County Planning Department staff.

DO YOU HAVE ANY PERSONAL OR BUSINESS INTEREST(S) THAT COULD CREATE A CONFLICT OF INTEREST (EITHER REAL OR PERCEIVED) IF YOU ARE APPOINTED TO THIS TASK FORCE?

Yes No If yes, then please explain:

ARE YOU SERVING OR HAVE YOU EVER SERVED ON ANY ORANGE COUNTY TASK FORCE OR ADVISORY BOARD?

Yes No If yes, please indicate which one(s):

DO NOT SUBMIT RESUMES OR ATTACHMENTS.

SIGNATURE AND DATE

C.N. Edwards Jr., PE

Digitally signed by C.N. Edwards Jr., PE
DN: cn=C.N. Edwards Jr., PE, o, ou=NCDOT, email=cnedwards@ncdot.gov, c=US
Date: 2016.03.24 15:36:53 -0400

03/24/16

Signature

Date

VOLUNTEER APPLICATION
ORANGE COUNTY BICYCLE TASK FORCE
This application is a public document

If you are at least 18 years old, and willing to volunteer your time and expertise to the Orange County Bicycle Safety Task Force, you may complete this application and mail/email it by March 31, 2016 to the address/email below:

Orange United Transportation Board
(OUTBoard)
c/o Abigaile Pittman, Planning Department
P.O. Box 8181
Hillsborough, NC 27278
Phone (919) 245-2567
Email: abpittman@orangecountync.gov

Your application will be considered by the Commissioners when reviewing and making appointments.

NAME: Matthew Day
HOME ADDRESS: 12108 Warwickshire Park
CITY: Raleigh Zip Code: 27613
PHONE: (Day) 919-558-9397 (Evening/late) _____ (Cell) _____
EMAIL: mday@tjcog.org
PLACE OF EMPLOYMENT: Triangle J COG JOB TITLE: Principal Planner

ARE YOU AT LEAST 18 YEARS OF AGE?

Yes No

ARE YOU A MEMBER OF ANY OF THE FOLLOWING GROUPS? (Check all that apply)

- | | | |
|--|--|---|
| <input type="checkbox"/> Law enforcement agency | <input type="checkbox"/> Orange County business | <input type="checkbox"/> Hillsborough/Orange Chamber of Commerce |
| <input type="checkbox"/> School representative | <input type="checkbox"/> Bicycle advocacy group | <input type="checkbox"/> Chapel Hill/Carrboro Chamber of Commerce |
| <input type="checkbox"/> Orange County Visitors Bureau | <input type="checkbox"/> Orange County Planning Department staff | |
| <input type="checkbox"/> NCDOT | <input checked="" type="checkbox"/> Regional planning staff | |
| <input type="checkbox"/> Group working with drivers education classes and/or traffic offenders | | |

PLEASE LIST YOUR CURRENT COMMUNITY ACTIVITIES/ORGANIZATIONAL MEMBERSHIPS:

No community activities in Orange County. I would be representing the Triangle Area Rural Planning Organization/Triangle J Council of Governments on the committee if selected.

PLEASE EXPLAIN HOW YOUR BACKGROUND EXPERIENCES ARE RELEVANT TO THIS TASK FORCE:

I serve as the staff for the Triangle Area Rural Planning Organization, which provides transportation planning services for a four-county area including the rural portions of Orange County. I actively participate in bicycle and pedestrian planning in the TARPO region, and involvement in this committee would seem to be a natural extension of that work.

PLEASE EXPLAIN YOUR REASONS FOR WANTING TO SERVE ON THIS TASK FORCE:

As stated above, the work of this committee seems like a natural extension of the transportation planning work conducted by TARPO. Additionally, we have included an item in our draft FY17 TARPO work plan to allow my staff-time involvement in this committee, should the Board of Commissioners choose to appoint me.

DO YOU HAVE ANY PERSONAL OR BUSINESS INTEREST(S) THAT COULD CREATE A CONFLICT OF INTEREST (EITHER REAL OR PERCEIVED) IF YOU ARE APPOINTED TO THIS TASK FORCE?

Yes No If yes, then please explain:

ARE YOU SERVING OR HAVE YOU EVER SERVED ON ANY ORANGE COUNTY TASK FORCE OR ADVISORY BOARD?

Yes No If yes, please indicate which one(s):

I did serve on the steering committee for the Orange County Comprehensive Transportation Plan, but that was due to my role in TARPO (which has an official role in developing CTPs), not due to being appointed by the County.

DO NOT SUBMIT RESUMES OR ATTACHMENTS.

SIGNATURE AND DATE



Digitally signed by Matthew Day
Date: 2016.03.23 17:54:44 -04'00'

3/23/2016

Signature

Date

VOLUNTEER APPLICATION
ORANGE COUNTY BICYCLE TASK FORCE
This application is a public document

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Orange United Transportation Board
(OUTBoard)
c/o Abigaile Pittman, Planning Department
P.O. Box 8181
Hillsborough, NC 27278
Phone (919) 245-2567
Email: abpittman@orangecountync.gov

Your application will be considered by the Commissioners when reviewing and making appointments.

NAME: Abigaile Pittman
HOME ADDRESS: 131 W. Margaret Lane (Planning Department)
CITY: Hillsborough, NC Zip Code: 27278
PHONE: (Day) 919-245-2567 (Evening/late) _____ (Cell) 336-688-3055
EMAIL: abpittman@orangecountync.gov
PLACE OF EMPLOYMENT: Orange County JOB TITLE: Transportation Plnr.

ARE YOU AT LEAST 18 YEARS OF AGE?

Yes No

ARE YOU A MEMBER OF ANY OF THE FOLLOWING GROUPS? (Check all that apply)

- | | | |
|--|---|---|
| <input type="checkbox"/> Law enforcement agency | <input type="checkbox"/> Orange County business | <input type="checkbox"/> Hillsborough/Orange Chamber of Commerce |
| <input type="checkbox"/> School representative | <input type="checkbox"/> Bicycle advocacy group | <input type="checkbox"/> Chapel Hill/Carrboro Chamber of Commerce |
| <input type="checkbox"/> Orange County Visitors Bureau | <input checked="" type="checkbox"/> Orange County Planning Department staff | |
| <input type="checkbox"/> NCDOT | <input type="checkbox"/> Regional planning staff | |
| <input type="checkbox"/> Group working with drivers education classes and/or traffic offenders | | |

PLEASE LIST YOUR CURRENT COMMUNITY ACTIVITIES/ORGANIZATIONAL MEMBERSHIPS:

Transportation/Land Use Planner, Orange County.
Planner assigned to the OUTBoard.

PLEASE EXPLAIN HOW YOUR BACKGROUND EXPERIENCES ARE RELEVANT TO THIS TASK FORCE:

Significant planning experience, including transportation issues.

PLEASE EXPLAIN YOUR REASONS FOR WANTING TO SERVE ON THIS TASK FORCE:

I am the planner assigned to the OUTBoard and will also be keeping the BOCC informed.

DO YOU HAVE ANY PERSONAL OR BUSINESS INTEREST(S) THAT COULD CREATE A CONFLICT OF INTEREST (EITHER REAL OR PERCEIVED) IF YOU ARE APPOINTED TO THIS TASK FORCE?

Yes No If yes, then please explain:

ARE YOU SERVING OR HAVE YOU EVER SERVED ON ANY ORANGE COUNTY TASK FORCE OR ADVISORY BOARD?

Yes No If yes, please indicate which one(s):

DO NOT SUBMIT RESUMES OR ATTACHMENTS.

SIGNATURE AND DATE


Signature

March 30, 2016

Date

VOLUNTEER APPLICATION
ORANGE COUNTY BICYCLE TASK FORCE
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(OUTBoard)
c/o Abigaile Pittman, Planning Department
P.O. Box 8181
Hillsborough, NC 27278
Phone (919) 245-2567
Email: abpittman@orangecountync.gov

Your application will be considered by the Commissioners when reviewing and making appointments.

NAME: Eli Belz
HOME ADDRESS: 209 Norwich Ct.
CITY: Efland Zip Code: 27243
PHONE: (Day) 919-360-7950 (Evening/late) 919-360-7950 (Cell) 919-360-7950
EMAIL: embbelz64@gmail.com
PLACE OF EMPLOYMENT: Hillsborough Bicycle JOB TITLE: Manager

ARE YOU AT LEAST 18 YEARS OF AGE?

Yes No

ARE YOU A MEMBER OF ANY OF THE FOLLOWING GROUPS? (Check all that apply)

- | | | |
|--|--|---|
| <input type="checkbox"/> Law enforcement agency | <input checked="" type="checkbox"/> Orange County business | <input type="checkbox"/> Hillsborough/Orange Chamber of Commerce |
| <input type="checkbox"/> School representative | <input checked="" type="checkbox"/> Bicycle advocacy group | <input type="checkbox"/> Chapel Hill/Carrboro Chamber of Commerce |
| <input type="checkbox"/> Orange County Visitors Bureau | <input type="checkbox"/> Orange County Planning Department staff | |
| <input type="checkbox"/> NCDOT | <input type="checkbox"/> Regional planning staff | |
| <input type="checkbox"/> Group working with drivers education classes and/or traffic offenders | | |

PLEASE LIST YOUR CURRENT COMMUNITY ACTIVITIES/ORGANIZATIONAL MEMBERSHIPS:

Durham Bicycle Co-operative

VOLUNTEER APPLICATION
ORANGE COUNTY BICYCLE TASK FORCE
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Orange United Transportation Board
(OUTBoard)
c/o Abigaille Pittman, Planning Department
P.O. Box 8181
Hillsborough, NC 27278
Phone (919) 245-2567
Email: abplttman@orangecountync.gov

Your application will be considered by the Commissioners when reviewing and making appointments.

NAME: Kim Tesoro
HOME ADDRESS: 6030 Dawn Drive
CITY: Hurdle Mills (Orange Co.) Zip Code: 27541
PHONE: (Day) 919-732-8156 (Evening/late) _____ (Cell) 919-971-5788
EMAIL: kim@hillsboroughchamber.com
PLACE OF EMPLOYMENT: Hillsborough/Orange Co. Chamber of Commerce JOB TITLE: Program Development Director

ARE YOU AT LEAST 18 YEARS OF AGE?

Yes No

ARE YOU A MEMBER OF ANY OF THE FOLLOWING GROUPS? (Check all that apply)

- | | | |
|--|--|---|
| <input type="checkbox"/> Law enforcement agency | <input checked="" type="checkbox"/> Orange County business | <input checked="" type="checkbox"/> Hillsborough/Orange Chamber of Commerce |
| <input type="checkbox"/> School representative | <input type="checkbox"/> Bicycle advocacy group | <input type="checkbox"/> Chapel Hill/Carrboro Chamber of Commerce |
| <input type="checkbox"/> Orange County Visitors Bureau | <input type="checkbox"/> Orange County Planning Department staff | |
| <input type="checkbox"/> NCDOT | <input type="checkbox"/> Regional planning staff | |
| <input type="checkbox"/> Group working with drivers education classes and/or traffic offenders | | |

PLEASE LIST YOUR CURRENT COMMUNITY ACTIVITIES/ORGANIZATIONAL MEMBERSHIPS:

Town of Hillsborough Tourism Board
Orange Community Players BOD

VOLUNTEER APPLICATION
ORANGE COUNTY BICYCLE TASK FORCE
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 (OUTBoard)
 c/o Abigaile Pittman, Planning Department
 P.O. Box 8181
 Hillsborough, NC 27278
 Phone (919) 245-2567
 Email: abpittman@orangecountync.gov

Your application will be considered by the Commissioners when reviewing and making appointments.

NAME: Alyson West
 HOME ADDRESS: 325 Brandywine Rd
 CITY: Chapel Hill Zip Code: 27516
 PHONE: (Day) 503-734-5299 (Evening/late) same (Cell) same
 EMAIL: alyson.west@gmail.com
 PLACE OF EMPLOYMENT: RavenhouseItd JOB TITLE: Band Manager

ARE YOU AT LEAST 18 YEARS OF AGE?

Yes NO

ARE YOU A MEMBER OF ANY OF THE FOLLOWING GROUPS?

- | | | |
|--|--|---|
| <input type="checkbox"/> Law enforcement agency | <input type="checkbox"/> Orange County business | <input type="checkbox"/> Hillsborough/Orange Chamber of Commerce |
| <input type="checkbox"/> School representative | <input checked="" type="checkbox"/> Bicycle advocacy group | <input type="checkbox"/> Chapel Hill/Carrboro Chamber of Commerce |
| <input type="checkbox"/> Orange County Visitors Bureau | <input type="checkbox"/> Orange County Planning Department staff | |
| <input type="checkbox"/> NCDOT | <input type="checkbox"/> Regional planning staff | |
| <input type="checkbox"/> Group working with drivers education classes and/or traffic offenders | | |

PLEASE LIST YOUR CURRENT COMMUNITY ACTIVITIES/ORGANIZATIONAL MEMBERSHIPS:

Carrboro Bike Coalition - Board Member
Tarwheels - member
Triangle Velo - Team member

PLEASE EXPLAIN HOW YOUR BACKGROUND, EDUCATION AND EXPERIENCE ARE RELEVANT TO THIS TASK FORCE:

I am a regular road cyclist in Orange County, but also I'm relatively new to the sport so I am still familiar with what it feels like to be a beginner out on the roads. Being a female rider and a mother I would say safety is of great concern to me. While I live in the very southern part of Orange County near the Chatham County line, my sons attends school in Hillsborough so I commute between Carrboro and Hillsborough often. In college and just after graduating I spent a few years living in Europe so I have experienced cycling, driving and the many forms of public transit travel in several major European cities as well as many smaller European towns. There is also a history of cancer and Parkinson's disease in my family so I am highly motivated to encourage the varieties active lifestyles that can help keep such illnesses at bay.

PLEASE EXPLAIN YOUR REASONS FOR WANTING TO SERVE ON THIS TASK FORCE:

As a person who spends a great deal of time riding and driving on Orange County's rural roads, I would be honored to be a part of the conversation. More understanding and less aggravation will only benefit us all. There is real connection between people when we travel, even locally, and we should respect that.

DO YOU HAVE ANY PERSONAL OR BUSINESS INTEREST(S) THAT COULD CREATE A CONFLICT OF INTEREST (EITHER REAL OR PERCEIVED) IF YOU ARE APPOINTED TO THIS TASK FORCE?

Yes No If yes, then please explain:

ARE YOU SERVING OR HAVE YOU EVER SERVED ON ANY ORANGE COUNTY TASK FORCE OR ADVISORY BOARD?

If "Yes", please indicate which one(s):

no _____

DO NOT SUBMIT RESUMES OR ATTACHMENTS.

SIGNATURE AND DATE



Signature

03/17/2016
Date

VOLUNTEER APPLICATION
ORANGE COUNTY BICYCLE TASK FORCE
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If you are at least 18 years old, and willing to volunteer your time and expertise to the Orange County Bicycle Safety Task Force, you may complete this application and mail/email it by March 31, 2016 to the address/email below:

Orange United Transportation Board
(OUTBoard)
c/o Abigaile Pittman, Planning Department
P.O. Box 8181
Hillsborough, NC 27278
Phone (919) 245-2567
Email: abpittman@orangecountync.gov

Your application will be considered by the Commissioners when reviewing and making appointments.

NAME: Todd Jones
HOME ADDRESS: 928 Dimmocks Mill Road
CITY: Hillsborough Zip Code: 27278
PHONE: (Day) (919) 245-1709 (Evening/late) (919) 245-1709 (Cell) (919) 245-1709
EMAIL: mistersensitive@earthlink.net
PLACE OF EMPLOYMENT: Orange County Schools JOB TITLE: Chief Technology Officer

ARE YOU AT LEAST 18 YEARS OF AGE?

Yes No

ARE YOU A MEMBER OF ANY OF THE FOLLOWING GROUPS? (Check all that apply)

- | | | |
|--|--|---|
| <input type="checkbox"/> Law enforcement agency | <input type="checkbox"/> Orange County business | <input type="checkbox"/> Hillsborough/Orange Chamber of Commerce |
| <input checked="" type="checkbox"/> School representative | <input checked="" type="checkbox"/> Bicycle advocacy group | <input type="checkbox"/> Chapel Hill/Carrboro Chamber of Commerce |
| <input type="checkbox"/> Orange County Visitors Bureau | <input type="checkbox"/> Orange County Planning Department staff | |
| <input type="checkbox"/> NCDOT | <input type="checkbox"/> Regional planning staff | |
| <input type="checkbox"/> Group working with drivers education classes and/or traffic offenders | | |

PLEASE LIST YOUR CURRENT COMMUNITY ACTIVITIES/ORGANIZATIONAL MEMBERSHIPS:

Member, Carolina Tarwheels
Consistent Bicycle Commuter
Former Chief Technology Officer, Orange County

PLEASE EXPLAIN HOW YOUR BACKGROUND EXPERIENCES ARE RELEVANT TO THIS TASK FORCE:

I have been an avid cyclist since 1962. I have done extensive touring, extensive bicycle commuting and am engaged with many of the riding groups in the area as well as global on-line cycling communities. As a commuter, I see first hand many of the safety challenges within the cycling and motoring communities. With my background in public sector policies and regulation, I think I can advocate for all points of view within this complex set of issues

PLEASE EXPLAIN YOUR REASONS FOR WANTING TO SERVE ON THIS TASK FORCE:

I believe my unique experience as a cyclist, a motorist and a leader in the public sector imbues me with valuable multi-faceted advocacy for this task force.

DO YOU HAVE ANY PERSONAL OR BUSINESS INTEREST(S) THAT COULD CREATE A CONFLICT OF INTEREST (EITHER REAL OR PERCEIVED) IF YOU ARE APPOINTED TO THIS TASK FORCE?

Yes No If yes, then please explain:

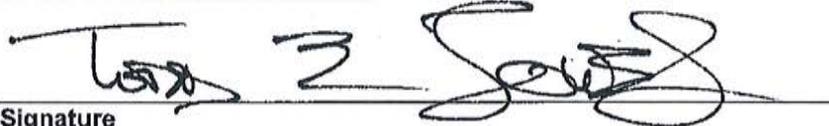
ARE YOU SERVING OR HAVE YOU EVER SERVED ON ANY ORANGE COUNTY TASK FORCE OR ADVISORY BOARD?

Yes No If yes, please indicate which one(s):

As Orange County Chief Information Officer from 2003-2013, I led the Board's Technology Advisory Group.

DO NOT SUBMIT RESUMES OR ATTACHMENTS.

SIGNATURE AND DATE


Signature

3-23-16
Date

VOLUNTEER APPLICATION
ORANGE COUNTY BICYCLE TASK FORCE
This application is a public document

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Orange United Transportation Board
(OUTBoard)
c/o Abigaile Pittman, Planning Department
P.O. Box 8181
Hillsborough, NC 27278
Phone (919) 245-2567
Email: abpittman@orangecountync.gov

Your application will be considered by the Commissioners when reviewing and making appointments.

NAME: William Langston
HOME ADDRESS: 400 North Elliott Road
CITY: Chapel Hill Zip Code: 27514
PHONE: (Day) 9196994055 (Evening/late) 9196994055 (Cell) 9196994055
EMAIL: wmlangston@gmail.com
PLACE OF EMPLOYMENT: Whirlpool Corporation JOB TITLE: Regional Sales Mgr

ARE YOU AT LEAST 18 YEARS OF AGE?

Yes No

ARE YOU A MEMBER OF ANY OF THE FOLLOWING GROUPS? (Check all that apply)

- | | | |
|--|--|---|
| <input type="checkbox"/> Law enforcement agency | <input type="checkbox"/> Orange County business | <input type="checkbox"/> Hillsborough/Orange Chamber of Commerce |
| <input type="checkbox"/> School representative | <input checked="" type="checkbox"/> Bicycle advocacy group | <input type="checkbox"/> Chapel Hill/Carrboro Chamber of Commerce |
| <input type="checkbox"/> Orange County Visitors Bureau | <input type="checkbox"/> Orange County Planning Department staff | |
| <input type="checkbox"/> NCDOT | <input type="checkbox"/> Regional planning staff | |
| <input type="checkbox"/> Group working with drivers education classes and/or traffic offenders | | |

PLEASE LIST YOUR CURRENT COMMUNITY ACTIVITIES/ORGANIZATIONAL MEMBERSHIPS:

I am a member of Triangle Velo a non-profit 501c Organization for racing cyclists to promote cycling to youth and reduce child obesity.

I am a member of Chapel of the Cross Episcopal Church

PLEASE EXPLAIN HOW YOUR BACKGROUND EXPERIENCES ARE RELEVANT TO THIS TASK FORCE:

I am a avid cyclist in the Chapel Hill, Orange County area. I ride 5-7times a week all year round and more than 500hours/9000miles each year.

PLEASE EXPLAIN YOUR REASONS FOR WANTING TO SERVE ON THIS TASK FORCE:

I would like to help create a better, safer riding environment for all road users. As a cyclist that also owns two automobiles, and regularly travels by both I'd like to assist in promoting better safety for all residents of Orange County.

I think my perspective would be helpful, and would like to contribute to this committee.

DO YOU HAVE ANY PERSONAL OR BUSINESS INTEREST(S) THAT COULD CREATE A CONFLICT OF INTEREST (EITHER REAL OR PERCEIVED) IF YOU ARE APPOINTED TO THIS TASK FORCE?

Yes No If yes, then please explain:

ARE YOU SERVING OR HAVE YOU EVER SERVED ON ANY ORANGE COUNTY TASK FORCE OR ADVISORY BOARD?

Yes No If yes, please indicate which one(s):

DO NOT SUBMIT RESUMES OR ATTACHMENTS.

SIGNATURE AND DATE


Signature

3.24.16
Date

**VOLUNTEER APPLICATION
ORANGE COUNTY BICYCLE TASK FORCE**

This application is a public document

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Orange United Transportation Board
(OUTBoard)
c/o Abigaille Pittman, Planning Department
P.O. Box 8181
Hillsborough, NC 27278
Phone (919) 245-2567
Email: abpittman@orangecountync.gov

Your application will be considered by the Commissioners when reviewing and making appointments.

NAME: Buddy Hartley
HOME ADDRESS: 3010 Little River Church Road
CITY: Hurdle Mills Zip Code: 27541
PHONE: (Day) 9197327201 (Evening/late) _____ (Cell) 9193572081
EMAIL: buddy.hartley@orange.k12.nc.us
PLACE OF EMPLOYMENT: OCS JOB TITLE: Driver Education Coordinator

ARE YOU AT LEAST 18 YEARS OF AGE?

Yes No

ARE YOU A MEMBER OF ANY OF THE FOLLOWING GROUPS? (Check all that apply)

- | | | |
|---|--|---|
| <input type="checkbox"/> Law enforcement agency | <input type="checkbox"/> Orange County business | <input type="checkbox"/> Hillsborough/Orange Chamber of Commerce |
| <input type="checkbox"/> School representative | <input type="checkbox"/> Bicycle advocacy group | <input type="checkbox"/> Chapel Hill/Carrboro Chamber of Commerce |
| <input type="checkbox"/> Orange County Visitors Bureau | <input type="checkbox"/> Orange County Planning Department staff | |
| <input type="checkbox"/> NCDOT | <input type="checkbox"/> Regional planning staff | |
| <input checked="" type="checkbox"/> Group working with drivers education classes and/or traffic offenders | | |

PLEASE LIST YOUR CURRENT COMMUNITY ACTIVITIES/ORGANIZATIONAL MEMBERSHIPS:

PLEASE EXPLAIN HOW YOUR BACKGROUND EXPERIENCES ARE RELEVANT TO THIS TASK FORCE:

Retired NC Highway Patrol Trooper in Orange County, Driver Education
Teacher/Coordinator

PLEASE EXPLAIN YOUR REASONS FOR WANTING TO SERVE ON THIS TASK FORCE:

Asked to serve

DO YOU HAVE ANY PERSONAL OR BUSINESS INTEREST(S) THAT COULD CREATE A CONFLICT OF INTEREST (EITHER REAL OR PERCEIVED) IF YOU ARE APPOINTED TO THIS TASK FORCE?

Yes No If yes, then please explain:

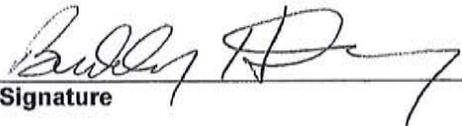
ARE YOU SERVING OR HAVE YOU EVER SERVED ON ANY ORANGE COUNTY TASK FORCE OR ADVISORY BOARD?

Yes No If yes, please indicate which one(s):

Orange County Planning Board

DO NOT SUBMIT RESUMES OR ATTACHMENTS.

SIGNATURE AND DATE


Signature

3/30/16

Date

VOLUNTEER APPLICATION
ORANGE COUNTY BICYCLE TASK FORCE
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P.O. Box 8181
Hillsborough, NC 27278
Phone (919) 245-2567
Email: abpittman@orangecountync.gov

Your application will be considered by the Commissioners when reviewing and making appointments.

NAME: Peter Leousis
HOME ADDRESS: 3719 Woodthrus Lane
CITY: Hillsborough Zip Code: 27278
PHONE: (Day) 919-966-2350 (Evening/late) 919-815-1390 (Cell) 919-815-1390
EMAIL: peterleousis@me.com
PLACE OF EMPLOYMENT: UNC Chapel Hill JOB TITLE: Deputy Director

ARE YOU AT LEAST 18 YEARS OF AGE?

Yes No

ARE YOU A MEMBER OF ANY OF THE FOLLOWING GROUPS? (Check all that apply)

- | | | |
|--|--|---|
| <input type="checkbox"/> Law enforcement agency | <input type="checkbox"/> Orange County business | <input type="checkbox"/> Hillsborough/Orange Chamber of Commerce |
| <input type="checkbox"/> School representative | <input type="checkbox"/> Bicycle advocacy group | <input type="checkbox"/> Chapel Hill/Carrboro Chamber of Commerce |
| <input type="checkbox"/> Orange County Visitors Bureau | <input type="checkbox"/> Orange County Planning Department staff | |
| <input type="checkbox"/> NCDOT | <input type="checkbox"/> Regional planning staff | |
| <input type="checkbox"/> Group working with drivers education classes and/or traffic offenders | | |

PLEASE LIST YOUR CURRENT COMMUNITY ACTIVITIES/ORGANIZATIONAL MEMBERSHIPS:

I'm a member of a bicycle racing team called Triangle Velo. It also promotes cycling as a recreational pursuit but is not an advocacy group.

PLEASE EXPLAIN HOW YOUR BACKGROUND EXPERIENCES ARE RELEVANT TO THIS TASK FORCE:

I've been bike commuting to my work at UNC Chapel Hill for over 13 years, first from Chatham County and now from Hillsborough (the last six years). I ride over 15,000 miles per year, and I'm acutely aware of the need for better relations between motorists and cyclists. In my view, there's a lot of mistrust and misunderstanding between both groups, and education programs that help each group better understand the other one would help reduce tensions and improve behavior.

PLEASE EXPLAIN YOUR REASONS FOR WANTING TO SERVE ON THIS TASK FORCE:

I'd like to help find common ground that comes from better understanding what motorists and cyclists want and need when they're sharing the road. I ride a lot, and I'd like to help make it safer for cyclists to ride on Orange County roads. Cyclists need a little more empathy for motorists who are sharing the same roads. When I'm commuting to work at 8 am, I know that people are trying to get to work, or taking their kids to school and then get to work. I take back roads as much as I can, and I'm polite and friendly to people trying to get around me.

DO YOU HAVE ANY PERSONAL OR BUSINESS INTEREST(S) THAT COULD CREATE A CONFLICT OF INTEREST (EITHER REAL OR PERCEIVED) IF YOU ARE APPOINTED TO THIS TASK FORCE?

Yes No If yes, then please explain:

ARE YOU SERVING OR HAVE YOU EVER SERVED ON ANY ORANGE COUNTY TASK FORCE OR ADVISORY BOARD?

Yes No If yes, please indicate which one(s):

DO NOT SUBMIT RESUMES OR ATTACHMENTS.

SIGNATURE AND DATE

Peter Leousis

Digitally signed by Peter Leousis
DN: cn=Peter Leousis, o=UNC Chapel Hill, ou,
email=peterleousis@me.com, c=US
Date: 2016.03.23 11:30:48 -04'00'

Signature

Date

VOLUNTEER APPLICATION
ORANGE COUNTY BICYCLE TASK FORCE
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Orange United Transportation Board
 (OUTBoard)
 c/o Abigaile Pittman, Planning Department
 P.O. Box 8181
 Hillsborough, NC 27278
 Phone (919) 245-2567
 Email: abpittman@orangecountync.gov

Your application will be considered by the Commissioners when reviewing and making appointments.

NAME: Clifford Leath
 HOME ADDRESS: 6600 Maynard Farm Road
 CITY: Chapel Hill Zip Code: 27516
 PHONE: (Day) 919-357-8181 (Evening/late) 919-968-0708 (Cell) 919-357-8181
 EMAIL: cliffleath@earthlink.net
 PLACE OF EMPLOYMENT: Retired JOB TITLE: _____

ARE YOU AT LEAST 18 YEARS OF AGE?

Yes No

ARE YOU A MEMBER OF ANY OF THE FOLLOWING GROUPS? (Check all that apply)

- | | | |
|--|--|---|
| <input type="checkbox"/> Law enforcement agency | <input type="checkbox"/> Orange County business | <input type="checkbox"/> Hillsborough/Orange Chamber of Commerce |
| <input type="checkbox"/> School representative | <input type="checkbox"/> Bicycle advocacy group | <input type="checkbox"/> Chapel Hill/Carrboro Chamber of Commerce |
| <input type="checkbox"/> Orange County Visitors Bureau | <input type="checkbox"/> Orange County Planning Department staff | |
| <input type="checkbox"/> NCDOT | <input type="checkbox"/> Regional planning staff | |
| <input type="checkbox"/> Group working with drivers education classes and/or traffic offenders | | |

PLEASE LIST YOUR CURRENT COMMUNITY ACTIVITIES/ORGANIZATIONAL MEMBERSHIPS:

Past Board Member of Eno River Association and Current Finance Committee Member
 Current Board Member and upcoming President of NC State Vet Foundation Board
 Avid Recreational Rural bicycle cyclist riding 3 days a week and taking European 12 day bicycle tours in Spain, Germany, France, Denmark, etc. every year
 Avid walker in our rural environs

PLEASE EXPLAIN HOW YOUR BACKGROUND EXPERIENCES ARE RELEVANT TO THIS TASK FORCE:

I am concerned about bicycle safety on our County rural roads and have experience in riding in European Countries and Communities where bicycle riding and safety is paramount in their cultures. I would like to be a part of finding an acceptable solution that protects and educates both bicyclists and motorists in Orange County.

PLEASE EXPLAIN YOUR REASONS FOR WANTING TO SERVE ON THIS TASK FORCE:

DO YOU HAVE ANY PERSONAL OR BUSINESS INTEREST(S) THAT COULD CREATE A CONFLICT OF INTEREST (EITHER REAL OR PERCEIVED) IF YOU ARE APPOINTED TO THIS TASK FORCE?

Yes No If yes, then please explain:

ARE YOU SERVING OR HAVE YOU EVER SERVED ON ANY ORANGE COUNTY TASK FORCE OR ADVISORY BOARD?

Yes No If yes, please indicate which one(s):

DO NOT SUBMIT RESUMES OR ATTACHMENTS.

SIGNATURE AND DATE

Signature Clifford T. Leath

Date 3.24.16

CLIFFORD T. LEATH

VOLUNTEER APPLICATION
ORANGE COUNTY BICYCLE TASK FORCE
This application is a public document

If you are at least 18 years old, and willing to volunteer your time and expertise to the Orange County Bicycle Safety Task Force, you may complete this application and mail/email it by March 31, 2016 to the address/email below:

Orange United Transportation Board
(OUTBoard)
c/o Abigaile Pittman, Planning Department
P.O. Box 8181
Hillsborough, NC 27278
Phone (919) 245-2567
Email: abpittman@orangecountync.gov

Your application will be considered by the Commissioners when reviewing and making appointments.

NAME: peter h. klopper
HOME ADDRESS: 4801 friends school rd.
CITY: durham (orange county) Zip Code: 27705
PHONE: (Day) 919 393 3237 (Evening/late) ibid (Cell) _____
EMAIL: phk@duke.edu
PLACE OF EMPLOYMENT: duke universtiy JOB TITLE: professor em.

ARE YOU AT LEAST 18 YEARS OF AGE?

Yes No

ARE YOU A MEMBER OF ANY OF THE FOLLOWING GROUPS? (Check all that apply)

- | | | |
|--|--|---|
| <input type="checkbox"/> Law enforcement agency | <input type="checkbox"/> Orange County business | <input type="checkbox"/> Hillsborough/Orange Chamber of Commerce |
| <input type="checkbox"/> School representative | <input type="checkbox"/> Bicycle advocacy group | <input type="checkbox"/> Chapel Hill/Carrboro Chamber of Commerce |
| <input type="checkbox"/> Orange County Visitors Bureau | <input type="checkbox"/> Orange County Planning Department staff | |
| <input type="checkbox"/> NCDOT | <input type="checkbox"/> Regional planning staff | |
| <input type="checkbox"/> Group working with drivers education classes and/or traffic offenders | | |

PLEASE LIST YOUR CURRENT COMMUNITY ACTIVITIES/ORGANIZATIONAL MEMBERSHIPS:

trustee, carolina friends school
delegate, american friends service committee
state representative, friends committee on national legislation

PLEASE EXPLAIN HOW YOUR BACKGROUND EXPERIENCES ARE RELEVANT TO THIS TASK FORCE:

lifelong cyclist

Signature



DO NOT SUBMIT RESUMES OR ATTACHMENTS.

PLEASE EXPLAIN YOUR REASONS FOR WANTING TO SERVE ON THIS TASK FORCE:

interest in and concern for bicycle safe

DO YOU HAVE ANY PERSONAL OR BUSINESS INTEREST(S) THAT COULD CREATE A CONFLICT OF INTEREST (EITHER REAL OR PERCEIVED) IF YOU ARE APPOINTED TO THIS TASK FORCE?

Yes No

If yes, then please explain:

ARE YOU SERVING OR HAVE YOU EVER SERVED ON ANY ORANGE COUNTY TASK FORCE OR ADVISORY BOARD?

Yes No

If yes, please indicate which one(s):

DO NOT SUBMIT RESUMES OR ATTACHMENTS.

SIGNATURE AND DATE

Signature

3/25/16

Date

4/9/16

VOLUNTEER APPLICATION
ORANGE COUNTY BICYCLE TASK FORCE
This application is a public document

If you are at least 18 years old, and willing to volunteer your time and expertise to the Orange County Bicycle Safety Task Force, you may complete this application and mail/email it by March 31, 2016 to the address/email below:

Orange United Transportation Board
(OUTBoard)
c/o Abigaile Pittman, Planning Department
P.O. Box 8181
Hillsborough, NC 27278
Phone (919) 245-2567
Email: abpittman@orangecountync.gov

Your application will be considered by the Commissioners when reviewing and making appointments.

NAME: _____

HOME ADDRESS: _____

CITY: _____ Zip Code: _____

PHONE: (Day) _____ (Evening/late) _____ (Cell) _____

EMAIL: _____

PLACE OF EMPLOYMENT: _____ JOB TITLE: _____

ARE YOU AT LEAST 18 YEARS OF AGE?

Yes No

ARE YOU A MEMBER OF ANY OF THE FOLLOWING GROUPS? (Check all that apply)

- | | | |
|---|-------------------------|----------------------|
| Law enforcement agency | Orange County business | Hillsborough/Orange |
| School representative | Bicycle advocacy group | Chamber of Commerce |
| Orange County Visitors Bureau | Orange County Planning | Chapel Hill/Carrboro |
| NCDOT | Department staff | Chamber of Commerce |
| Group working with drivers education classes and/or traffic offenders | Regional planning staff | |

PLEASE LIST YOUR CURRENT COMMUNITY ACTIVITIES/ORGANIZATIONAL MEMBERSHIPS:

PLEASE EXPLAIN HOW YOUR BACKGROUND EXPERIENCES ARE RELEVANT TO THIS TASK FORCE:

PLEASE EXPLAIN YOUR REASONS FOR WANTING TO SERVE ON THIS TASK FORCE:

DO YOU HAVE ANY PERSONAL OR BUSINESS INTEREST(S) THAT COULD CREATE A CONFLICT OF INTEREST (EITHER REAL OR PERCEIVED) IF YOU ARE APPOINTED TO THIS TASK FORCE?

Yes No If yes, then please explain:

ARE YOU SERVING OR HAVE YOU EVER SERVED ON ANY ORANGE COUNTY TASK FORCE OR ADVISORY BOARD?

Yes No If yes, please indicate which one(s):

DO NOT SUBMIT RESUMES OR ATTACHMENTS.

SIGNATURE AND DATE

Signature

Date

ORANGE COUNTY BOARD OF COMMISSIONERS

**Revised Resolution Authorizing the Creation of a Bicycle Safety Task Force,
Charge, Term and Composition of Members to Serve on the Task Force**

WHEREAS, the issue of bicycle safety has been a topic of interest by various County groups over the past several years, including discussions by the Orange Unified Transportation Board (OUTBoard), the Board of County Commissioners (BOCC), and citizen groups; and

WHEREAS, a petition related to bicycle safety was brought forward at the BOCC's November 6, 2014 meeting during Petitions by Board Members and subsequently reviewed by the Chair/Vice Chair/Manager agenda team; and

WHEREAS, in response to the petition the Manager, Chair and Vice Chair discussed the topic with NCDOT at its regular quarterly meeting; and Planning staff worked with the OUTBoard and a subcommittee to develop recommendations; and

WHEREAS, the BOCC received the OUTBoard's Bicycle and Pedestrian Safety Report, including recommendations, at its June 16, 2015 meeting; and

WHEREAS, there exists a need to address bicycle safety in accordance with the recommendations of the OUTBoard's Bicycle and Pedestrian Safety Report; and

WHEREAS, the creation of the Bicycle Safety Task Force and approval of the composition, charge and term to same is within the purview of the BOCC; and

WHEREAS, it is the best interest of the citizens of Orange County to create a Bicycle Safety Task Force;

NOW, THEREFORE, BE IT RESOLVED that the Orange County Board of Commissioners, by approval of this resolution, does authorize the creation of a Bicycle Safety Task Force with member composition in accordance with the following guidelines:

- A. Size and Composition –
 - 1. No larger than **16** people total
 - 2. Stakeholders from each of the groups below be included in the membership, and a Board of County Commissioner liaison:
 - a. Law enforcement agencies (Sheriff's Department, Highway Patrol)
 - b. School representatives
 - c. Orange County Visitor's Bureau
 - d. NCDOT staff
 - e. County and regional planning staff

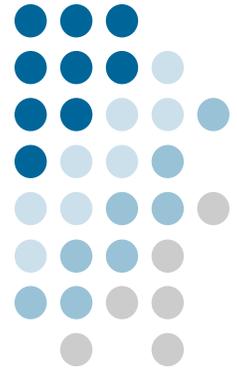
- f. County business
 - g. A representative from the Hillsborough/Orange County Chamber of Commerce and the Chapel Hill/Carrboro Chamber of Commerce
 - h. Bicycle advocacy groups
 - i. Those who work with driver's education classes and traffic offenders
 - j. Up to six (6) additional interested and concerned Orange County residents.
- B. Appointment – The Bicycle Safety Task Force shall be appointed by the BOCC. The staff shall return to the BOCC in May with an OUTBoard recommended list of individuals to be appointed to the Task Force.
- C. Term – The Bicycle Safety Task Force shall operate for a term not to exceed one (1) year from the future appointment date of the Bicycle Safety Task Force.
- D. Charge – The charge of the Bicycle Safety Task Force shall be the following;
1. Develop a campaign for bicycle safety education and research;
 2. Develop an implementation timetable with estimated funding request information within the first 5 meetings, and present it to the OUTBoard for review and recommendation, and review and approval by the BOCC; and
 3. Develop an implementation report and present it to the OUTBoard for review and recommendation, and review, approval and funding commitment by the BOCC.

Upon motion of Commissioner _____, seconded by Commissioner _____, the foregoing resolution was adopted this the 1st day of March, 2016.

I, Donna Baker, Clerk to the Board of Commissioners for the County of Orange, North Carolina, **DO HEREBY CERTIFY** that the foregoing is a true copy of so much of the proceedings of said Board at a meeting held on March 1, 2016, as relates in any way to the adoption of the foregoing and that said proceedings are recorded in the minutes of said Board.

WITNESS my hand and the seal of said County, this _____ day of _____, 2016.

Clerk to the Board of Commissioners



Orange County Bicycle Crash Report

2007—2013 Bicycle Crash Analysis for
Orange County, NC

* Picture Credit: Sustainable Cities Collective, 2015: <http://www.sustainablecitiescollective.com/global-site-plans-grid/1118566/orange-county-poised-become-premier-cycling-destination-north-carolin>

Introduction

In order to support and inform the efforts of the Bicycle Safety Task Force, Orange County Transportation Planning staff has prepared this report on bicycle crashes in the rural parts of Orange County. This report analyzes a total of 34 bicycle crashes that occurred in Orange County between January 1, 2007 and December 31, 2013 and includes information about age, types of injuries, demographics, crash types, and road and light conditions. The Town of Hillsborough was not included in this analysis as no bicycle crashes occurred within the town limits during this time period. The final section of this document presents a crash cluster map, indicating where bicycle crashes are occurring more frequently in Orange County. The overall intent of this document is to provide meaningful information about bicycle safety, allowing the Bicycle Safety Task Force to base any future recommendations on verified data.

Data Sources

The North Carolina Department of Transportation (NCDOT) provides specific locational data for pedestrian and bicycle crashes as well as associated information about

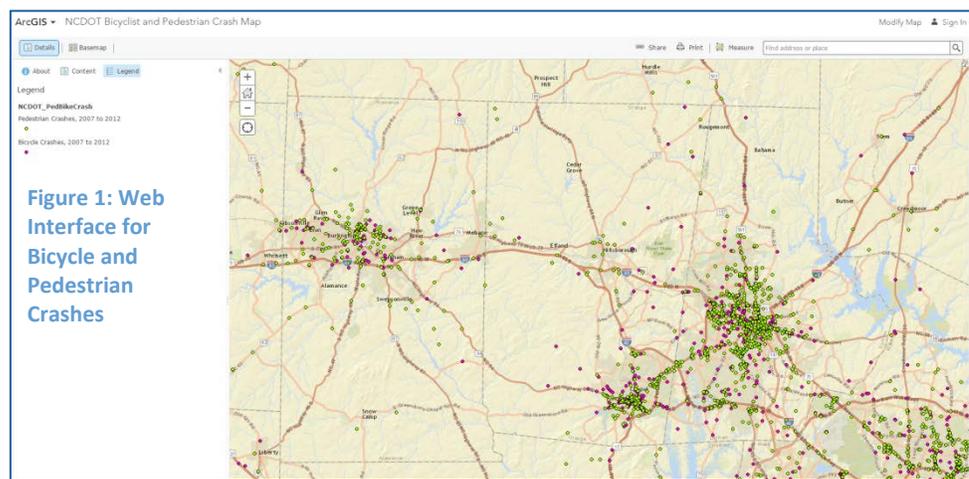


Figure 1: Web Interface for Bicycle and Pedestrian Crashes

each crash in a format compatible with the most common mapping software, ArcGIS. The crash data is provided for the entire state of North Carolina. Orange County Transportation Planning staff obtained the data from NCDOT using their online portal (<http://www.arcgis.com/home/item.html?id=b4fcfdc266d054a1ca075b60715f88aef>); clipped the crash data to the Orange County boundary, also removing crash data from Chapel Hill/Carrboro; and performed a spatial analysis on the remaining bicycle crashes. The results of this analysis are presented in the following sections.

This crash data is periodically updated by NCDOT. This analysis will be updated upon receipt of the new data, with 2014 data available this winter.

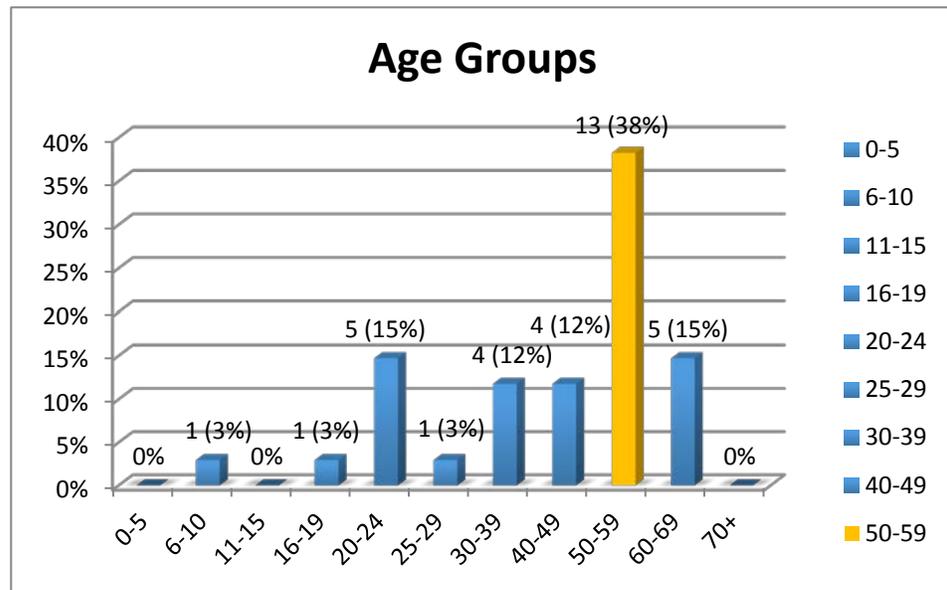
Crash Analysis

Overall, 34 bicycle crashes occurred in Orange County (outside of Chapel Hill/Carrboro) between January 1, 2007 and December 31, 2013. All of these crashes were defined as occurring in rural areas, did not occur in any municipality or other jurisdiction and, in each case, the bicyclists involved in these crashes were in the travel lane riding with traffic. In all but one case, the weather was clear; the other instance occurred on a cloudy day, just after a storm event. It is also important to note that overall, alcohol was involved in three of these crashes.

In the following sections, Orange County Transportation Planning staff will present additional information about bicyclist age, injury severity, race and sex of crash-involved bicyclists, crash types, road conditions, and light conditions.

Bicyclist Age

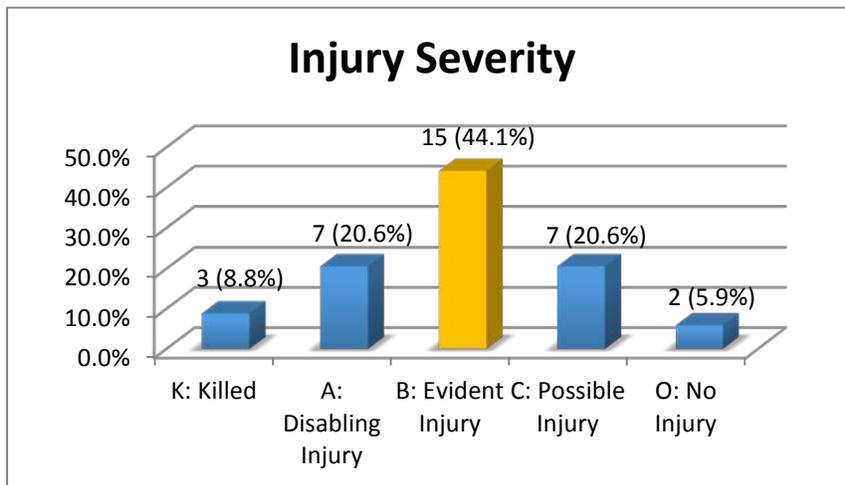
Of the 34 crashes occurring in Orange County between January 1, 2007 and December 31, 2013, 13 or 38% of crashes involved bicyclists between the age of 50 and 59, while bicyclists between the age of 20 and 24 and bicyclists between



the age of 60 and 69 accounted for the second-highest affected age groups. It is unclear if older adults represent a higher percentage of bicycle crashes or if crashes are equally distributed among the age groups of riders in rural Orange County.

Injury Severity

Of the 34 bicycle crashes, three (3) crashes resulted in a fatality, seven (7) in a disabling injury, 15 in an evident injury, seven (7) in a possible injury, and two (2) in no injury. Overall, more than one half of



crashes (64.7 percent) resulted in a serious injury (disabling and evident injuries).

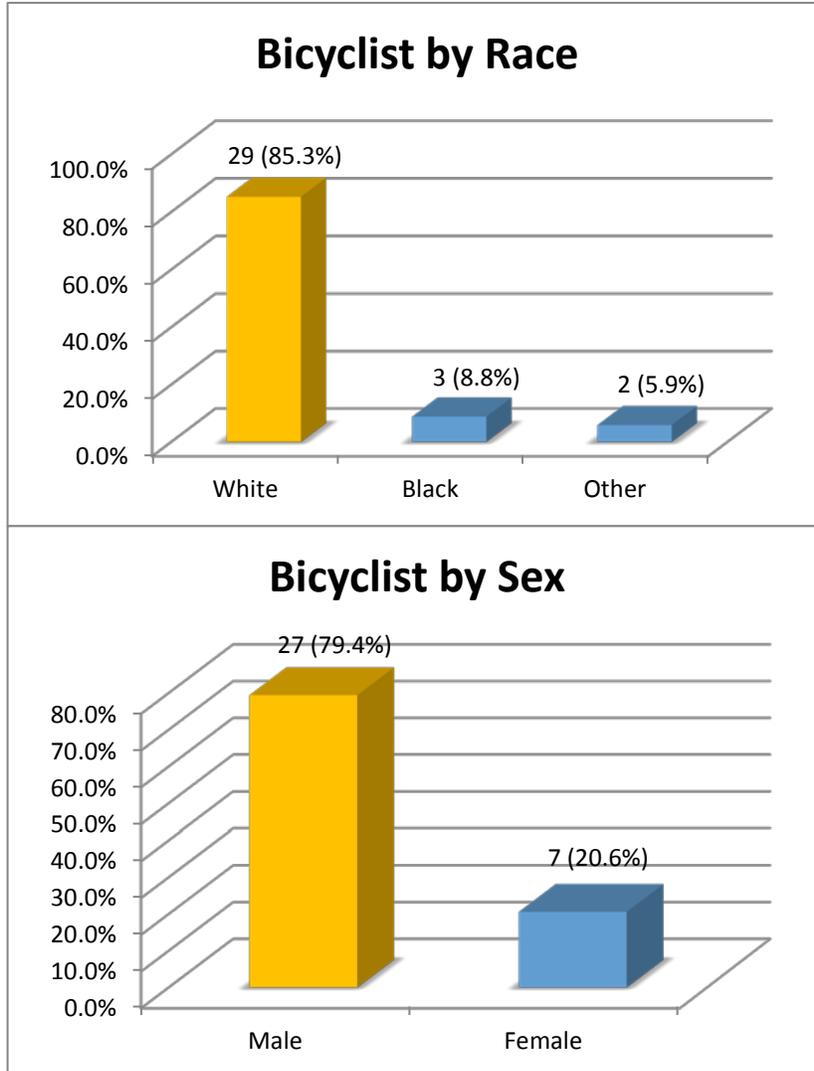
Considering that 20 crashes occurred in areas with a speed limit of 40 – 45 miles per hour and 11 crashes occurred in areas with a speed limit of 50 – 55 miles per hour, these severities are not surprising.

Only three (3) crashes occurred in an area with a speed limit of 30 – 35 miles per hour. These

severities highlight the fact that crashes in rural areas are likely to be more severe, based on the higher automobile speeds and limited space on rural roads to accommodate joint bicycle and automobile traffic.

Race and Sex

In terms of bicyclist race and sex, 85 percent of bicyclists involved in a crash are white and 79 percent are male. Only three cyclists involved in a crash were black and one was categorized as “other”, while 21 percent of crash-involved cyclists are female. Without good information about the demographics of



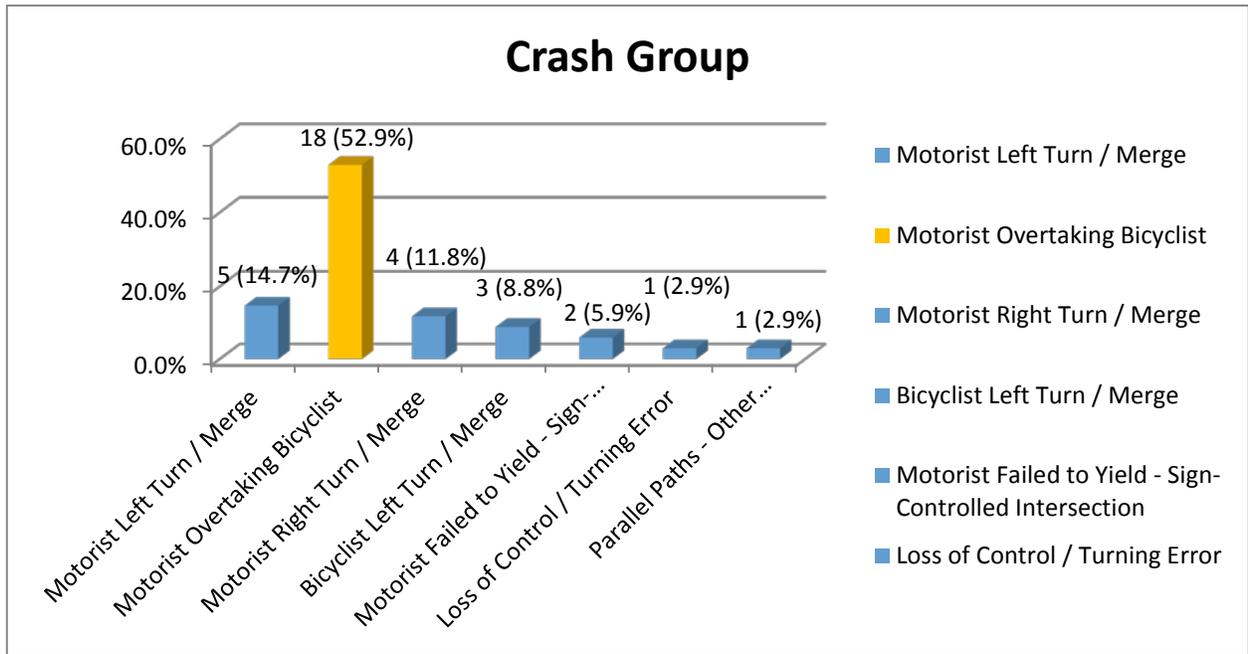
bicyclists riding in rural Orange County, it is hard to state definitively that one group of people is more likely to be involved in a crash than any other. However, this information generally reflects the demographics of bicyclists on Orange County rural roads based on anecdotal evidence and likely doesn't support the conclusion that white male cyclists tend to be involved in a crash to a larger degree than female bicyclists or people of other races.

Crash Group/Type

Perhaps the most important information included as part of the bicycle and pedestrian crash data is the crash group/crash type. This information provides a clearer picture of how the crash occurred and is helpful in determining which, if any, infrastructure or behavior issues are creating unsafe conditions

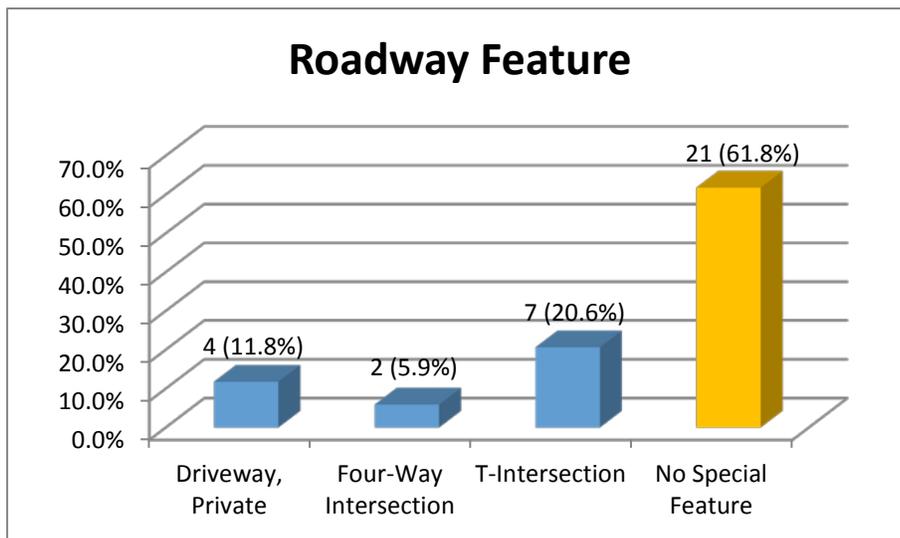
for motorists or bicyclists. For those bicycle crashes occurring in Orange County, the “Motorist Overtaking Bicyclist” crash group is, perhaps unsurprisingly, the most prevalent, accounting for more than half (53 percent) of all crashes involving bicyclists. In examining this in more detail, the specific crash types are “Motorist Overtaking – Misjudged Space”, “Motorist Overtaking – Undetected Bicyclist”, and “Motorist Overtaking – Other/Unknown.” This crash type is directly related to the existing conditions for bicyclists on rural Orange County roads, namely narrow, high-speed travel lanes, minimal shoulders, and, at least in some areas, limited sight distances at curves. Other crash groups, including “Motorist Left Turn/Merge”, “Motorist Right Turn/Merge”, and “Bicyclist Left Turn/Merge”, relate directly to turning movements by either the bicyclist or the motorist as the primary reason for the crash, while “Motorist Failure to Yield” is similar to “Motorist Overtaking Bicyclist.” Only one reported “Loss of

Control/Turning Error” crash and one “Parallel Paths – Other/Unknown” crash occurred over this seven year period. Generally, the interaction of motor vehicles and bicycles away from intersections accounts for the largest percentage of crashes, while conflict points during turning movements by either motorists or bicyclists are also significant crash considerations. These conclusions are reinforced by an examination of the roadway character and roadway features at the crash locations.



Roadway Features and Roadway Character

As expected, an examination of roadway features at crash locations confirms that, while traditional conflict points such as driveways, four-way stops, and T-intersections can be treacherous locations for bicyclists, particularly in rural areas where drivers may not be expecting non-motorized users, most



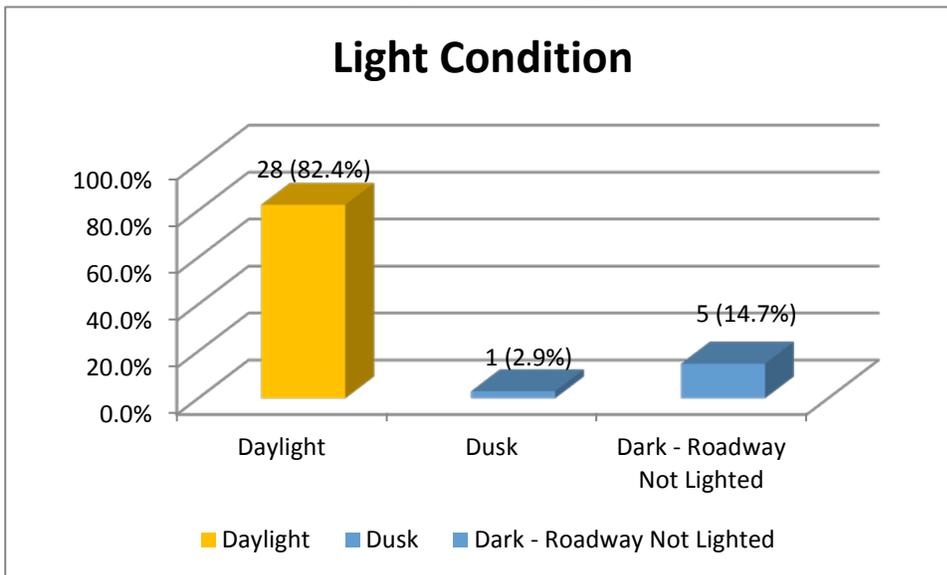
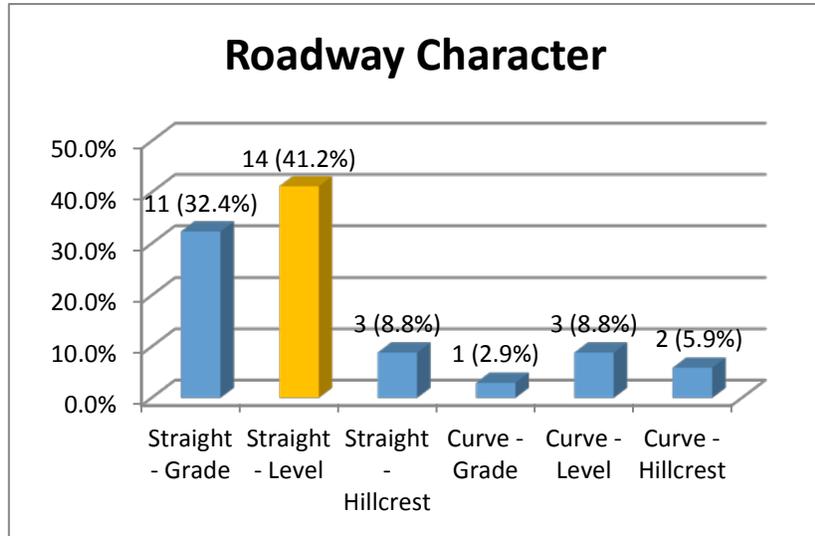
bicycle crashes in rural Orange County (62 percent) occur along areas of roadway with no special features. In fact, the character of the roadway is more often straight and level (41 percent of crashes) or straight and at a grade (32 percent of crashes), than curved at a grade, curved and level, or curved and at a hillcrest (total 26

percent) for more than half of all crashes involving bicyclists. This would indicate that, at least in a rural context, situations involving the interaction of motorists and bicyclists at speed along open road are more dangerous for bicyclists than at intersections, where traffic is slower.

Light Conditions

In terms of the light conditions at the time of a bicycle and

motor vehicle crash, more than 80 percent of crashes (28) occurred during daylight, with 1 crash, or 3 percent, occurring at dusk, and five (5) crashes, or 15 percent, occurring at night on an unlighted roadway. This is likely due the lower number of trips made by bicycle at night in rural Orange County. Each of the crashes that occurred under dark conditions was a “Motorist Overtaking Bicyclist” crash, of which two (2) resulted in a fatality. The remaining four (4) crashes all resulted in an injury. Crashes



occurring away from intersections in dark conditions were particularly likely to result in a more severe injury.

Overall, this analysis indicates certain notable trends about crashes involving bicyclists in rural areas of Orange County. More likely than not, bicycle

crashes will result in some kind of injury, are the result of a motorist overtaking the cyclist, and occur away from intersections during daylight conditions. While intersection crash types are also notable for their frequency, crashes involving overtaking vehicles on roadways without special features constitute the most common bicycle crash during this time period.

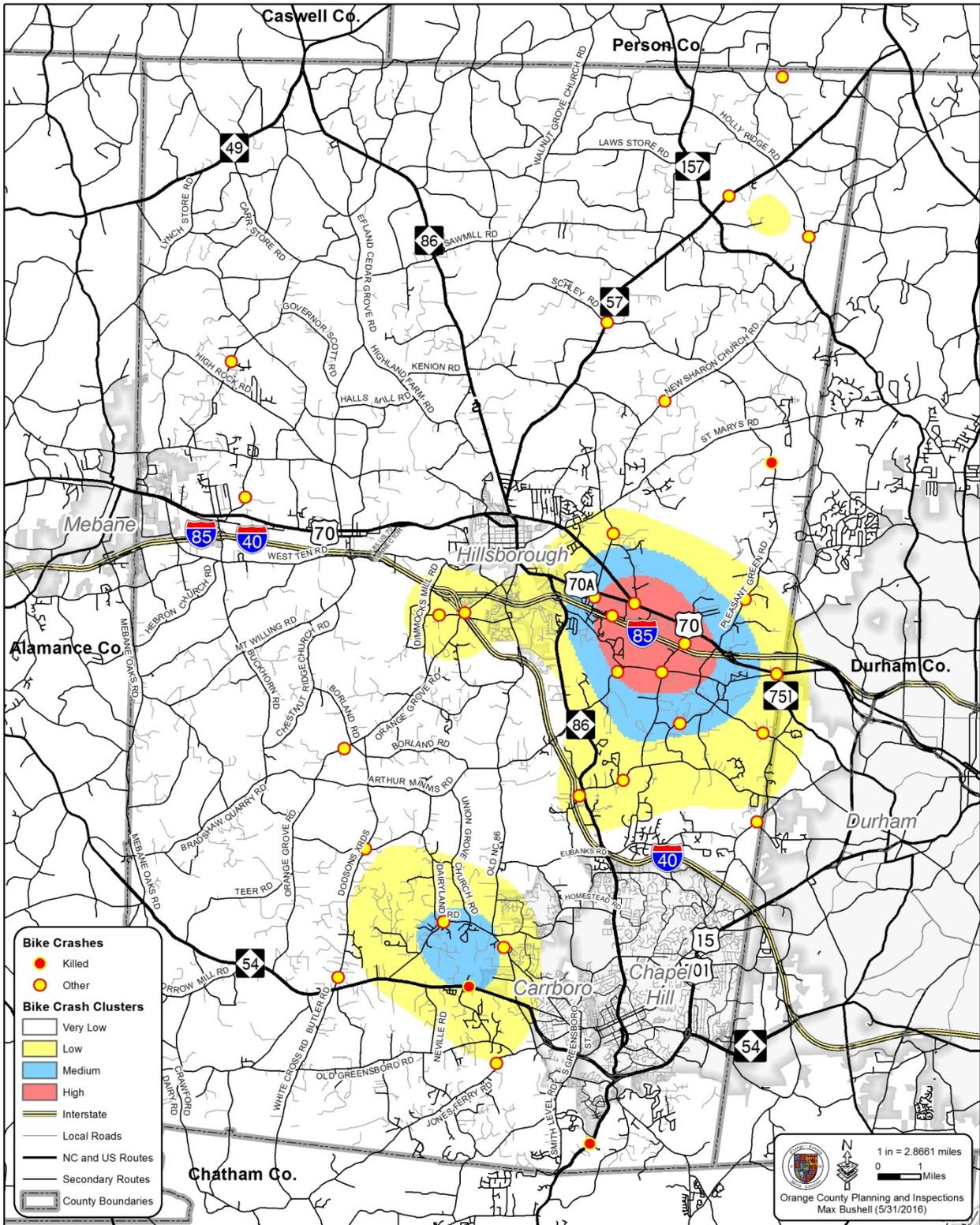
Crash Map

Using the data provided by NCDOT, Orange County Transportation Planning staff prepared a map of all bicycle crashes occurring in rural Orange County. Crashes that resulted in a fatality are indicated in red

and all other crashes are displayed using yellow. One fatality occurred on NC 54 at Hatch Road, while the other occurred on Pleasant Green Road just south of St Marys Road.

Using the Kernel Density tool in ArcGIS, the clustering of crash points was calculated and mapped using red, blue, and yellow to emphasize high, medium, and low levels of clustering, respectively. As expected, one major cluster of bicycle crashes is located to the west of Carrboro; this area is very popular with recreational riders and rides originating in Carrboro often terminate at Maplevue Dairy, which lies just outside the crash cluster. More surprising is the large crash cluster between the Town of Hillsborough and the City of Durham, which encompasses areas of the Eno River State Park, the confluence of three highways (US 70, US 70A, and NC 751), and a favored bicycle route, Old State Highway 10. Thirteen (13) of 34 crashes in the entire rural area of the County can be found in this area, making it a particularly dangerous area for bicyclists.

Pedestrian and Bicycle Crash Clusters - Orange County



Conclusion

This analysis verifies what many bicyclists in rural Orange County already know, namely that motorists overtaking bicyclists can create hazardous conditions for both road users and that intersections also pose a threat in terms of safety. As most roads are narrow, have a limited shoulder, and have speed limits higher than 35 miles per hour, bicycle crashes are also likely to result in an injury, so it is especially important to be aware of the risks. Based on anecdotal evidence, bicycle crashes are occurring in areas with substantial numbers of cyclists, most notably to the west of Carrboro. However, the area between the Town of Hillsborough and the City of Durham may not have as high a volume of bicyclists, indicating that this area is particularly dangerous. Both the area west of Carrboro and the area between the Town of Hillsborough and the City of Durham merit special consideration in terms of safety infrastructure improvements, education efforts, and enforcement. Additionally, more information about high volume bicycle routes and areas where people are bicycling should be gathered to enhance this analysis. This information can help target efforts to improve safety and also inform the creation of a priority bicycle network in rural Orange County.

**ORANGE COUNTY
ORANGE UNIFIED TRANSPORTATION BOARD (OUTBoard)
ACTION AGENDA ITEM ABSTRACT
Meeting Date: June 15, 2016**

**Action Agenda
Item No. 5.a.**

SUBJECT: Transportation Projects Funding Status Update

DEPARTMENT: Planning

ATTACHMENT(S):

1. Prioritized Projects Resolution
2. Projects Flow Chart

INFORMATION CONTACT:

Max Bushell, Transportation Planner,
245-2582
Abigaile Pittman, Transportation/Land
Use Planner, 245-2567
Tom Altieri, Comprehensive Planning
Supervisor, 245-2575

PURPOSE: To receive an update on the funding status and local input point allocation for transportation projects in Orange County.

BACKGROUND: At the April 4, 2016 meeting, the OUTBoard approved a methodology for prioritizing transportation projects in Orange County in the absence of Strategic Planning Office of Transportation Prioritization 4.0 (SPOT P4.0) project scores and discussed project priorities. Since that meeting, the North Carolina Department of Transportation (NCDOT) released the SPOT P4.0 scores and opened the window for the application of local input points by each Metropolitan Planning Organization (MPO)/Rural Planning Organization (RPO). Using the OUTBoard methodology, Orange County transportation planning staff prepared a prioritized list of transportation projects, which was formally approved by the Orange County Board of County Commissioners in a resolution (Attachment 1) on May 5, 2016. This prioritized list served as a basis for each MPO/RPO to apply their prioritization process and assign local input points. Following a public comment period, each MPO/RPO is in the process of approving the local input point allocations. The NCDOT Division process for allocating their local input points is also currently underway.

It is important to note that the Triangle Area Rural Planning Organization (TARPO) and the Burlington-Graham Metropolitan Planning Organization (B-G MPO) applied local input points to transportation projects at both the Regional Impact and the Division Needs levels, though the B-G MPO has not yet finalized their local input point allocations. As such, this transportation project flow chart reflects the final local input point allocation for Orange County projects in the TARPO, but not the B-G MPO jurisdiction. The Durham Chapel Hill Carrboro Metropolitan Planning Organization (DCHC MPO) will allocate local input points at the Division Needs level upon receipt of the Regional Impact level funding allocation results, likely in August/September 2016.

The attached flow chart (Attachment 2) provides a graphic representation of the Orange County projects that received local input points from the relevant MPO/RPO. Color, ledger size (11" x 17") copies of the flow chart will be provided at the meeting.

FINANCIAL IMPACT: There is no financial impact associated with reviewing the transportation projects flow chart.

SOCIAL JUSTICE IMPACT: The following Orange County Social Justice Goal is associated with this item:

GOAL: ENABLE FULL CIVIC PARTICIPATION

Ensure that Orange County residents are able to engage government through voting and volunteering by eliminating disparities in participation and barriers to participation.

This transportation projects funding flow chart will result in positive outcomes related to engaging the volunteer and citizen-based OUTBoard with the SPOT P4.0 project prioritization process.

RECOMMENDATION: The staff recommends that the OUTBoard receive and review this information.

5-5-2016
59

ORANGE COUNTY BOARD OF COUNTY COMMISSIONERS

A RESOLUTION ENDORSING ORANGE COUNTY'S PRIORITIZED LIST OF TRANSPORTATION PROJECTS FOR CONSIDERATION FOR FUNDING AT THE REGIONAL IMPACTS LEVEL OF THE 2018 – 2027 STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM

THE BURLINGTON-GRAHAM AND DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATIONS (BGMPO AND DCHC MPO) AND THE TRIANGLE AREA RURAL PLANNING ORGANIZATION (TARPO)

WHEREAS, the North Carolina Board of Transportation (BOT), every two years, prepares a Statewide Transportation Improvement Program (STIP) that identifies transportation projects to be implemented over the next ten years with State and Federal funding; and

WHEREAS, the North Carolina BOT solicits input from the public for prioritizing transportation projects of local and regional importance to be funded at the Regional Impacts level in the FY 2018-2027 STIP; and

WHEREAS, Orange County gives priority to identified safety needs on existing roads and bridges, to transportation projects that encourage alternatives to automobile travel, to projects that minimize adverse impacts on the natural environment and cultural sites, and to those projects that foster economic development; and

WHEREAS, Orange County strongly encourages the North Carolina Department of Transportation (NCDOT) to design all highway projects, where appropriate, to accommodate bicycle and pedestrian traffic to provide alternative means of transportation that may result in reduced automobile traffic and related air and water impacts; and

WHEREAS, Orange County encourages the NCDOT to design all new or replacement bridges with sufficient clearance to allow wildlife to cross safely under them, and to allow pedestrian passage along any existing or planned trail-system connectors; and

WHEREAS, Orange County has outlined its transportation priorities within the BGMPO, TARPO and DCHC MPO planning areas in attachments to this resolution;

NOW, THEREFORE, BE IT RESOLVED by the Orange County Board of Commissioners that the Board endorses the following prioritized list of transportation projects to be resubmitted to the MPO/RPO organizations and to the State and to ultimately be considered for funding at the Regional Impacts level in the FY 2018-2027 STIP.

Durham-Chapel Hill-Carrboro MPO:

- 1) I-40/NC-86 Interchange Improvements: Improve interchange at I-40 and NC 86.
- 2) I-85/NC 86 Interchange Improvements: Reconstruct interchange at I-85 and NC 86.
- 3) NC 86 Improvements North of Hillsborough: Widen NC 86 from U.S. 70 Bypass to north of NC 57 to four (4) lanes with intersection improvements at U.S. 70 Bypass and NC 57.
- 4) I-85 from Mt. Herman Church Road to Durham County Line Widening: Widen one lane in each direction.
- 5) NC 54 and Neville Road Intersection Improvements: Improve the intersection of NC 54 and Neville Road.

- 6) I-85 from I-85/I-40 Split to east of the NC 86 Interchange Widening: Widen one lane in each direction.
- 7) Dimmocks Mill Road Rail Crossing Improvement and Bellvue Street Closure: Improve current Dimmocks Mill Road grade separation (#735154S) and close Bellvue Street (#735152D).
- 8) U.S. 70 East/I-85/I-40 Connector: Modify the I-85/I-40 Connector (SR 1239) interchange at U.S. 70 to provide access from all directions.
- 9) Extend SR-1006 (Orange Grove Road) from SR-1006 (Orange Grove Road) to US70A: Construct Orange Grove Road Extension (Orange Grove Road to US 70A) with sidewalks and bicycle lanes. Construct a grade separation at intersection of Orange Grove Road Extension and NCRR.
- 10) South Churton Street (Old NC 86) Improvements: Widen South Churton Street (SR 1009) from I-40 to U.S. 70 Business to multiple lanes with congestion management, limited access, bicycle and pedestrian, and aesthetic improvements.
- 11) Eno Mountain Road/Mayo Street at Orange Grove Road: Realign the intersection of Eno Mountain Road (SR 1148) and Mayo Street (SR 1192) with Orange Grove Road (SR 1006) and make safety improvements.
- 12) Homestead Road Bike Lanes and Sidewalks: Improve Homestead Road (SR 1777) from Old NC 86 (SR 1009) to NC 86 to include bicycle lanes and sidewalks in sections of the corridor where they do not exist.
- 13) I-40 Widening from I-40/I-85 interchange to NC 86: Widen I-40 from four (4) lanes to six (6) lanes from the I-40/I-85 interchange to NC 86.
- 14) I-40 Widening from NC 86 to U.S. 15-501: Widen I-40 from four (4) lanes to six (6) lanes from NC 86 to U.S. 15-501/Durham County line.

Triangle Area RPO:

- 1) NC 54 Operational Improvements (Orange Grove Road to Old Fayetteville Road): Implement operational improvements along the corridor to address congestion, safety, intersecting street turning movement delays, and the lack of gaps in traffic for side street access to the facility as an alternative to widening the facility to four (4) lanes. Improvements may involve signalization at problem intersections, additional dedicated left and right turn storage at side streets along the facility etc.
- 2) NC 54 and Orange Grove Road Intersection Improvements: Improve the intersection at NC 54 and Orange Grove Road to improve operations along the NC 54 corridor.
- 3) Old Greensboro Road Paved Shoulders: Widen Old Greensboro Road (SR 1005) from Carrboro's extra-territorial jurisdiction (ETJ) to the Orange/Alamance County line to include four (4)-foot paved shoulders.
- 4) Efland-Cedar Grove Road Improvements: Widen Efland-Cedar Grove Road (SR 1004) from Highland Farm Road (SR 1332) to the northern property line of the U.S. Post Office north of Carr Store Road (SR 1352) from a two (2)-lane, 20-foot cross section to a 24-foot cross section with straightening of the roadway where needed, improvements to turn lanes, and the incorporation of bicycle facilities.
- 5) Orange Grove Road/Buckhorn Road Paved Shoulders: Widen Orange Grove Road (SR 1006) from Dairyland Road (SR 1177) to Buckhorn Road (SR 1114) and Buckhorn Road (SR 1114)

from Orange Grove Road (SR 1006) to West Ten Road (SR 1144) to include four (4)-foot paved shoulders.

- 6) NC 54 Widening from Orange Grove Road to Old Fayetteville Road: Widen NC 54 from a two-lane undivided cross-section to a four-lane boulevard cross-section to mitigate anticipated congestion issues.
- 7) NC 54 Widening from NC 119 in Alamance County to Orange Grove Road: Widen NC 54 from a two-lane undivided cross-section to a four-lane boulevard cross-section to mitigate anticipated congestion issues.

Burlington-Graham MPO:

- 1) Buckhorn Road (SR 1114) Widening: Widen Buckhorn Road from U.S. 70 to West Ten Road (SR1144) to multiple lanes with bicycle and pedestrian facilities.
- 2) Mattress Factory Road Extension to U.S. 70: Extend Mattress Factory Road northward across East Washington Street and the NCR/Norfolk Southern railroad right-of-way to intersect U.S. 70 and close the existing railroad crossover road connecting East Washington Street and U.S. 70 approximately 240 feet to the east of the intersection of Mattress Factory Road and East Washington Street.
- 3) Mattress Factory Road Interchange: Construct a new interchange at the existing grade-separated crossing of Mattress Factory Road and I-85/I-40.

Upon motion of Commissioner *Oran*, seconded by Commissioner *Pice*, the foregoing resolution was adopted this the 5th day of May, 2016.

I, Donna Baker, Clerk to the Board of Commissioners for the County of Orange, North Carolina, **DO HEREBY CERTIFY** that the foregoing is a true copy of so much of the proceedings of said Board at a meeting held on May 5, 2016, as relates in any way to the adoption of the foregoing and that said proceedings are recorded in the minutes of said Board.

WITNESS my hand and the seal of said County, this 5 day of May, 2016.

Donna Baker
Clerk to the Board of Commissioners



SPOT P4.0 Transportation Project Prioritization Process (STIP 2018 – 2027) – DCHC MPO

Initial Project List

Statewide

100% Data Driven

Regional Impact

70% Data Driven, 15% MPO/RPO Input, 15% Division Input

Division Needs*

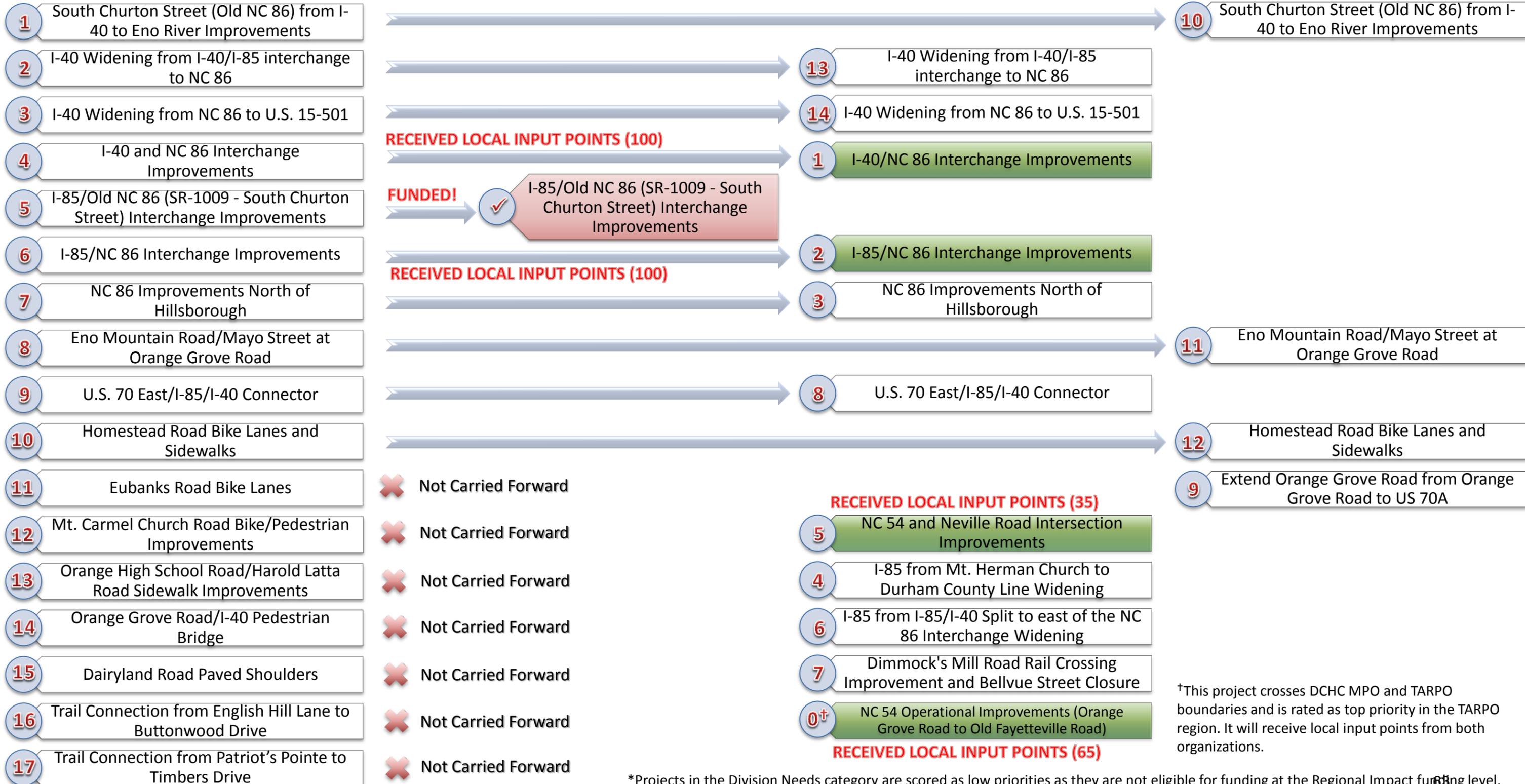
50% Data Driven, 25% MPO/RPO Input, 25% Division Input

June 2015

April/May 2016

August/September 2016

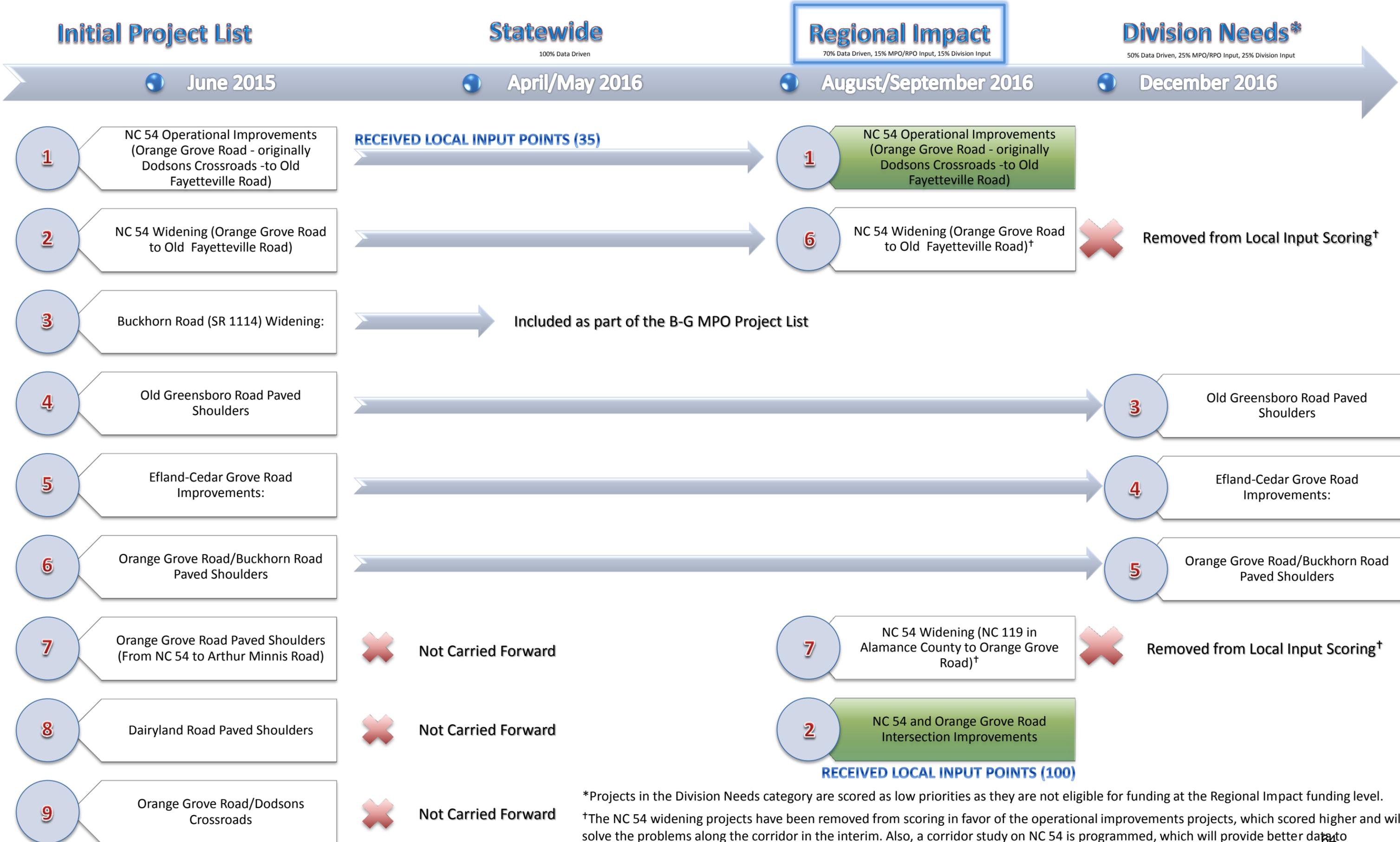
December 2016



*This project crosses DCHC MPO and TARPO boundaries and is rated as top priority in the TARPO region. It will receive local input points from both organizations.

*Projects in the Division Needs category are scored as low priorities as they are not eligible for funding at the Regional Impact funding level. Once the Regional Impact scores are returned from NCDOT in August/September, the projects will be reprioritized.

SPOT P4.0 Transportation Project Prioritization Process (STIP 2018 – 2027) – TARPO



*Projects in the Division Needs category are scored as low priorities as they are not eligible for funding at the Regional Impact funding level.
[†]The NC 54 widening projects have been removed from scoring in favor of the operational improvements projects, which scored higher and will solve the problems along the corridor in the interim. Also, a corridor study on NC 54 is programmed, which will provide better data to determine the best approach to solving (future) congestion issues on the roadway.

SPOT P4.0 Transportation Project Prioritization Process (STIP 2018 – 2027) – B-G MPO

Initial Project List

Statewide

Regional Impact

Division Needs

100% Data Driven

70% Data Driven, 15% MPO/RPO Input, 15% Division Input

50% Data Driven, 25% MPO/RPO Input, 25% Division Input

June 2015

April/May 2016

August/September 2016

December 2016

1

Mattress
Factory Road
Interchange

3

Mattress
Factory Road
Interchange

2

Mattress
Factory Road
Extension to
U.S. 70

2

Mattress
Factory Road
Extension to
U.S. 70

3

Buckhorn Road
(SR 1114)
Widening*

1

Buckhorn Road
(SR 1114)
Widening

*Initially not carried forward, but added back to proposed TIP projects as a result of additional revenue from House Bill 97. The B-G MPO Transportation Advisory Committee amended the Metropolitan Transportation Improvement Program to include this project (and others outside of Orange County) on January 19, 2016.

NCDOT DIV 7 PROJECTS LOCATED IN DCHCMPO

TIP/WBS #	Description	Start/Let date	Completion Date	Status	Cost	Comments
P-4405 I,J,K 62000.7.STR18T1B 62000.7.STR23T1B 62000.7.STR28T1B	PCSI Closures at Gordon Thomas Dr., Greenbriar Dr., Byrdsville Rd St. NS/NCRR southwest of Hillsborough	P-4405I P-4405J May 2016 P-4405K June 2016	Dec. 2016	Initial environmental document completed, Limited ROW functions underway (I,J-95% RW complete, K-25% RW complete); 100% plans under review	\$536,319 \$177,513 \$761,200	ARRA - Rail, Segments will be separated for construction, Division Let
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.	4/18/2016	6/18/2016	Utility authorization to proceed Apr. 8, R/W complete and certified	\$15,000 PE \$80,000 R/W \$53,600 CON	State Spot Safety, R/W plans received 7/8/15, Constr. By State Forces
SS-4907BN 44713.1.1 44713.2.1 44713.3.1	Installation of traffic signal at the intersection of NC54 and SR 1102 (Dodsons Cross Rd)/SR 1951 (Butler Rd) in Carrboro	7/1/2016	10/31/2016	Utility coordination underway - 15% Complete	\$5,000 PE \$45,000 R/W \$67,000 CON	State Spot Safety, Constr. By State Forces, Board approval Mar. 2016
U-5549/SS-4907AZ 50153.3.F1 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.	4/13/2016	Oct. 2016	FHWA Construction Authorization approved, No bids received on Mar 17 let and April 13 re-let. Town will look at letting in Fall 2016 with a possible floating availability date.	\$156,000 CON \$245,000 CON \$120,000 CON	Spot Safety-State (ADA curb ramp). Combine with Small Construction, Contingency, STP-DA. PCE approved Feb. 2015. LAP - Town of Hillsborough, MA executed; Anticipated start date: Early 2016
U-5550 50154.3.FS1	Intersection improvements at Fordham Boulevard (US15/501) and Ephesus Church Rd. Improvements will include bike lanes and sidewalks.	1/27/2016	Mar. 2017	Preconstruction meeting held on 4/6/16, tentative start date in April	\$1,736,000	National Highway Performance Program, LAP - Town of Chapel Hill, MA executed
U-5846	Construct a Roundabout at SR 1772 (Greensboro Street) and SR 1780 (Estes Drive) in Carrboro.	Jan. 2018	Mar. 2019	Planning and design activities underway, R/W Jan. 2017	\$775,000	STIP, P3.0, PEF-SEPI, Surveys received 3/15
U-5847	Intersection improvements at SR 1010 (West Franklin St.) and SR 1771 (Merritt Mill Rd)/SR1927 (Brewer Lane) in Chapel Hill / Carrboro.	Jan. 2019	Mar. 2019	Planning and design activities underway, R/W Jan. 2018	\$775,000	STIP, P3.0, PEF-STANTEC, Surveys received, traffic forecast and analysis complete
U-5854	Construct a roundabout at SR 1008 (Mt. Carmel Church Road) and SR 1913 (Bennett Road) in Chapel Hill	Jul. 2017	Oct. 2018	Planning and design activities underway, R/W July 2016	\$775,000	STIP, P3.0,PEF-SEPI
W-5601DJ 50138.3.115	Guardrail End Terminal Improvements on I-40 at various locations in Orange Co.	3/3/2016	6/10/2016	Contract awarded, Available 3/28/16	\$162,000	Highway Safety Improvement Program, Division Let



North Carolina Department of Transportation

Active Projects Under Construction - Orange Co.

<u>Contract Number</u>	<u>TIP Number</u>	<u>Location Description</u>	<u>Contractor Name</u>	<u>Resident Engineer</u>	<u>Contract Bid Amount</u>	<u>Availability Date</u>	<u>Work Start Date</u>	<u>Completion Date</u>	<u>Progress Schedule</u>	<u>Completion Percent</u>
C202923		REPLACEMENT OF 1 BRIDGE IN CASWELL COUNTY, 3 IN GUILFORD COUNTY, 2 IN ORANGE COUNTY, & 6 IN ROCKINGHAM COUNTY.	SMITH-ROWE, LLC	Ingram, PE, J. Paul	\$7,292,875.26	04/02/2012	05/01/2012	11/01/2015	100.00	99.34
C203028	U-2803	SR-1919 (SMITH LEVEL RD) FROM ROCK HAVEN RD TO BRIDGE OVER MORGAN CREEK.	YATES CONSTRUCTION CO., INC.	Kirkman, PE, Christopher D	\$4,946,197.82	01/28/2013	02/08/2013	05/14/2015	91.96	89.79
C203274		REPLACEMENT OF 11 BRIDGES IN ALAMANCE CO AND 3 BRIDGES IN ORANGE CO.	HAYMES BROTHERS, INC.	Kirkman, PE, Christopher D	\$6,356,520.00	04/29/2013	05/23/2013	12/13/2016	71.00	70.39
C203313		REPLACEMENT OF 5 BRIDGES IN ALAMANCE COUNTY, 2 IN CASWELL COUNTY AND 2 IN ORANGE COUNTY.	APAC - ATLANTIC, INC. THOMPSON ARTHUR DIVISION	Ingram, PE, J. Paul	\$5,785,000.00	07/01/2013	07/01/2013	10/01/2016	84.55	91.23
C203640		REPLACEMENT OF 4 BRIDGES IN GUILFORD COUNTY AND 3 BRIDGES IN ORANGE COUNTY.	HAYMES BROTHERS, INC.	Lorenz, PE, Kris	\$3,124,500.00	06/01/2015	09/02/2015	11/01/2017	8.00	9.95
C203641		REPLACEMENT OF 5 BRIDGES IN GUILFORD COUNTY AND 5 BRIDGES IN ORANGE COUNTY.	R.E. BURNS & SONS CO., INC.	Kirkman, PE, Christopher D	\$5,940,323.00	06/01/2015	06/01/2015	11/01/2018	8.50	23.70
C203709		22 SECTIONS OF SECONDARY ROADS.	CAROLINA SUNROCK LLC	Kirkman, PE, Christopher D	\$1,815,023.60	04/15/2016		11/20/2016		
DG00255	W-5207I	SR 1005 (JONES FERRY ROAD) AND DAVIE STREET IN CARRBORO	S. T. WOOTEN CORPORATION	Kirkman, PE, Christopher D	\$585,577.28	09/08/2015	10/01/2015	07/08/2016	100.00	75.17
DG00266		2 SECONDARY ROADS IN ALAMANCE COUNTY AND 6 SECONDARY ROAD IN ORANGE COUNTY	RILEY PAVING INC	Kirkman, PE, Christopher D	\$449,493.42	04/15/2016	06/01/2016	06/30/2016		
DG00271		SR 1538 (NEW SHARON CHURCH ROAD) FROM SR 1548 (SCHLEY ROAD) TO NC 157 (GUESS ROAD)	CAROLINA SUNROCK LLC	Kirkman, PE, Christopher D	\$584,397.13	04/15/2016		08/31/2016		
DG00277		US 15-501, NC 86, SOUTH ROAD	CAROLINA SUNROCK LLC	Kirkman, PE, Christopher D	\$1,259,259.61	04/15/2016		11/18/2016		
DG00278	W-5601DJ	UPGRADE GUARDRAIL END UNITS ON I-40 IN ORANGE COUNTY	REYNOLDS FENCE & GUARDRAIL INC	Kirkman, PE, Christopher D	\$112,650.00	03/28/2016		06/10/2016		

