

AGENDA
Orange Unified Transportation Board
September 21, 2016
6:30 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>
6:30	1.	Call to Order and Determination of Quorum
6:35	2.	Approval of Minutes from August 17 , 2016
6:40	3.	Consideration of Additions to the Agenda
	4.	Regular OUTBoard Agenda (Action Items) - none
	5.	Informational Items
6:45	5.a.	Safe Routes to School Plan (Abigaile Pittman)
	5.b.	Presentation on Safe Routes to School Plan by Walkable Hillsborough (Amy Cole)
	5.c.	OUTBoard Annual Report and Work Plan 2016-2017(Abigaile Pittman)
	5.d.	NCDOT Division 7 transportation projects located in the Durham-Chapel Hill-Carrboro Metropolitan Planning Organization (DCHC MPO) planning area. (Max Bushell)
	5.e.	Revision to OUTBoard Rules and Procedures (6:30 p.m. meeting time) finalized by Board of County Commissioners on September 6 (Abigaile Pittman)
		OUTBoard Action on all update items: Receive information and provide any comments that the Board might have.
8:00	6.	Board Comments
8:15	7.	Adjournment – Next meeting will be November 16, 2016 at 6:30 p.m.

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.*

**DRAFT MINUTES
ORANGE COUNTY OUTBOARD
AUGUST 17, 2016
REGULAR MEETING**

MEMBERS PRESENT: Heidi Perry (Chair), At-Large Representative; Alex Castro (Vice-Chair), Bingham Township Representative; Amy Cole, At-Large Representative; Art Menius, At-Large Representative; Jeff Charles, At-Large Representative; David Laudicina, Cheeks Township Representative; Ted Triebel, Little River Township Representative; Brantley Wells, Hillsborough Township Representative; Erle Smith, Chapel Hill Township Representative;

MEMBERS ABSENT: John Rubin, At-Large Representative; Gary Saunders, At-Large Representative; Ed Vaughn, Cedar Grove Township Representative;

STAFF PRESENT: Peter Murphy, OPT Transportation Administrator; Abigaile Pittman, Transportation/Land Use Planner; Max Bushell, Transportation/Land Use Planner; Meredith Pucci, Administrative Assistant; Malcum Massenburg, OPT Transportation Assistant Administrator;

OTHERS PRESENT FOR TRANSIT ADVISORY SERVICES: Lisa Berley, TSA Member; Janet Sparks, TSA Member; Vince Hines, Go Triangle;

AGENDA ITEM 1: CALL TO ORDER AND ROLL CALL

Heidi Perry called the meeting to order.

**AGENDA ITEM 2: APPROVAL OF MINUTES
JUNE 15, 2016 REGULAR MEETING**

Alex Castro pointed out changes that need to be made.

MOTION by Alex Castro to approve the June 15, 2016 OUTBoard Minutes with corrections. Seconded by Art Menius.
VOTE: UNANIMOUS

AGENDA ITEM 3: CONSIDERATION OF ADDITIONS TO AGENDA

Alex Castro brought up an issue about a cyclist running a Stop Sign and suggested discussing that further sometime.

AGENDA ITEM 4: TRANSIT SERVICES/ORANGE PUBLIC TRANSPORTATION (OPT) –
This section of the agenda is addressed jointly by the OUTBoard and supplemental staff from other County departments (Aging; DSS; Housing, Human Rights and Community Development; Health; Child Support Enforcement; and the Library) to address transit services.

AGENDA ITEM 4A: OPT QUARTERLY OPERATIONAL UPDATES (PETER MURPHY)

- I. FY 2016/2017 Budget
- II. OPT as an independent department
- III. Fare boxes approved
- IV. Technology approved

- 54 V. New services started
- 55 VI. Pending expansion services
- 56 VII. Bus purchase options
- 57 VIII. Vehicles already received
- 58 IX. Orange County ridership data 2014-2016
- 59 X. Orange County Bus and Rail Investment Plan (OCBRIP) Update
- 60 XI. Conference updates

61
62 OUTBoard/Transit Services Action: Receive and review information, provide comments.

63
64 *Peter Murphy Presented*

65
66 Heidi Perry inquired about the customer call back system. Peter explained that right now the calls are being made
67 manually and it takes a lot of time but with the call back system it will be an automated call informing people of the
68 pick up time and also offers a secondary reminder.

69
70 *Peter Murphy continued presentation.*

71
72 Heidi Perry asked about the purpose of the Efland-Hillsborough Commuter Route. Peter Murphy explained the
73 original design was to connect to the ODX and it would run earlier in the morning between 6-8 AM to supplement the
74 bus that Go Triangle is running because they weren't serving Efland to go right to Durham. This bus would shorten
75 that commute. Heidi asked if there was a study done before the route was decided. Peter informed that there was a
76 lot of discussion on it and surveys about it.

77
78 Alex Castro asked if the new buses and mini-van can handle wheelchairs. Peter Murphy said that the buses can, but
79 the mini-van cannot. Peter Murphy described the buses and seating and accommodations available on them, as well
80 as the prices for the different buses. Peter explained that a lot of time is being lost due to how long it takes to lift the
81 wheelchairs onto the bus. There was discussion of the low floor buses being more cost effective due to the
82 operational efficiency and being able to fit more passengers.

83
84 **MOTION** by Art Menius that OPT purchase the 28 foot low floor bus due to the documented operational efficiencies
85 and the ability to purchase and provide service much sooner than through other options. Seconded by Alex Castro.

86 **VOTE: UNANIMOUS**

87
88 *Peter Murphy continued with section VI under item 4a*

89
90 Heidi Perry asked how the new bus routes are being advertised. Peter Murphy acknowledged they need to advertise
91 better, and that UNC doesn't advertise it because OPT is not in the Go Pass system. Heidi suggested using TV slots,
92 or having it advertised in buildings. Erie Smith suggested finding out what other peer organizations do in terms of
93 advertising. Alex Castro suggested posting it at various community centers, or creating an OPT newsletter of some
94 sort. Alex also suggested adding a map of all the transit system routes on the bus. It was also suggested to put
95 something in the News of Orange.

96
97 Heidi Perry suggested putting this on the agenda for a future meeting.

98
99 *Peter murphy continued presentation.*

100
101 Jeff Charles was concerned about the amount of time that it's going to take to implement the extension on Martin
102 Luther King. Peter Murphy replied that it's still undecided whether they want to feed into that service or be
103 intermingling with that service.

104
105 *Peter Murphy finished presentation.*

106

107 **AGENDA ITEM 4B: NORTH CAROLINA DEPARTMENT OF TRANSPORTATION (NCDOT) SUCCESS PLAN - (Peter**
108 **Murphy) OUTBoard/Transit Services Action: Receive and review information, discuss and**
109 **provide feedback, and adopt plan.**
110

111 *Peter Murphy Presented.*
112

113 Amy Cole spoke about how the new buses that they put in a motion for would increase their score. Heidi Perry
114 suggested a call back if a person left a bad score to ask what could be better. There was confusion about the Board's
115 part in the surveys and Peter Murphy confirmed the analysis next year, along with the goals, the vision, and the score
116 card will be done by the Board.

117
118 *Peter Murphy continued.*
119

120 Ted Triebel asked if this was going to be worth all the time and work that was going to be required to put into it. Max
121 Bushell explained that it's very helpful to keep track of that work that's been done so they can see a difference in
122 what's been accomplished and see what can be improved in the future.

123
124 Erle Smith asked about how much funding was put into this. Peter answered that the CPT grant is paying for 90
125 percent of the buses that are out there and that it's also about \$300,000 between the ROAP grant and the CPT grant
126 because they go hand in hand. It's several hundred thousand dollars in operating and then the replacement buses
127 are about \$100,000 that they're putting out the money for.

128
129 Alex Castro was concerned about the amount of work that's needed to be done with such a small department and the
130 ones working on it being over tasked.

131
132 **MOTION by Art Menius to adopt the success plan. Seconded by Erie Smith.**

133 **VOTE: UNANIMOUS**
134

135 **AGENDA ITEM 4C: TRANSIT ADVISORY SERVICES (TAS) COMMENTS/QUESTIONS (PETER MURPHY): Opportunity for**
136 **TSB members to offer transit related comments and ask questions regarding issues not on the**
137 **agenda.**

138 **OUTBoard/Transit Services Action: Provide comments and questions; receive feedback.**
139

140 Peter Murphy mentioned a recent complaint about adding stops to the Hill to Hill route; there's one stop in Orange
141 County, outside of Chapel Hill, that we don't stop at right now right in front of the Standback Middle School. A
142 request was made to add that stop and staff's opinion is that we add that stop.

143
144 Lisa Berley requested a called stop at Homestead Road and Martin Luther King Boulevard because the Seymour
145 Center is up that hill and they don't stop in that direction. Peter added that staff would actually agree to that because
146 it would be a good location to add an additional stop in Chapel Hill.

147
148 There was a question about whether there was open communication among the three service providers and if they're
149 working together. Peter replied that there was a lot more discussion that's opened up about it. Vince Hines, a
150 representative from Go Triangle confirmed as much and also said they have an agreement with the Raleigh and
151 Durham to provide regional trips.

152
153 Lisa Berley asked if the new buses that have the bike racks will be going on the Hill-to-Hill route and requested an
154 approximate timeline of when. Peter advised her that they're not buying any new buses without the racks but cannot
155 guarantee a timeline.

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158 **AGENDA ITEM 5: REGULAR OUTBOARD AGENDA: NO ITEMS**
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AGENDA ITEM 6: STAFF UPDATES

6.A. NCDOT DIVISION 7 TRANSPORTATION PROJECTS LOCATED IN THE DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION (DCHC MPO) PLANNING AREA. (MAX BUSHELL)

6.B. ADDITION OF WAKE COUNTY TO THE RENAMED TRIANGLE TAX DISTRICT AND APPROVAL OF THE WAKE COUNTY TRANSIT PLAN AND MULTIPARTY INTERLOCAL TRANSIT AGREEMENT (ABIGAILE PITTMAN)

6.C. 07/11/2016, 08/01/2016, AND 08/09/2016 MEETINGS OF THE BICYCLE SAFETY TASK FORCE (HEIDI PERRY, JEFF CHARLES)

6.D. 07/12/2016 ORANGE COUNTY/NCDOT MEETING (ABIGAILE PITTMAN)

Max Bushell reviewed item 6a.

Abigaile Pittman reviewed item 6b.

Heidi Perry asked if they had passed the transit tax. She was informed the voting would be in November. Abigaile Pittman advised that their focus is primarily on commuter rail and rapid bus. There was discussion back and forth about this and some confusion so Abigaile offered to send out a power point presentation that was given yesterday at the Burlington/Graham meeting.

Jeff Charles was concerned about this being pushed back further and further to the future instead of working on it now. Max Bushell that the plan is saying that it's the looking forward plan and once it's passed and funding is secured they'll do the projects that are feasible and begin conversation about the other projects that require regional coordination. Abigaile Pittman added that simply put, the jurisdictional agreement is we govern ourselves and they govern themselves and we don't mix funds.

Abigaile Pittman spoke about item 6c.

Jeff Charles suggested that they may need an additional meeting or two to accomplish everything. Heidi Perry would like to get something to the Board of County Commissions (BOCC) before they begin their budget work for the next fiscal cycle in February 2017. Abigaile Pittman advised the Board of the new funding request form.

Abigaile Pittman spoke briefly about item 6d.

Jeff Charles asked about the funding on bicycle infrastructure. Abigaile Pittman explained that there are funds out there but because of current funding criteria, they are targeted to urban settings and highway projects. She also mentioned a recent request from Nancy Baker and from Amy Cole to Craig Benedict for an update on the Safe Routes to School Plan, specifically, a project that the Walkable Hillsborough group could do. She informed the Board that that an information item is going to be on the September 6 BOCC agenda and that she can send it out to them once it clears pre-agenda review process.

Alex Castro was still very concerned about the Safe Routes to School Plan and how it doesn't seem to have enough importance to get it implemented. He said the Orange Grove Road over I-40 doesn't have a pedestrian bridge and there are kids walking along it. There was a lot of discussion regarding the Safe Routes to School Plan and how to get the issues addressed and resolved.

MOTION by Alex Castro to add Safe Routes to School Plan on the next meeting agenda. Seconded by Art Menius.

VOTE: UNANIMOUS

AGENDA ITEM 10: ADJOURNMENT

213
214 OUTBoard meeting was adjourned by consensus.
215
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Heidi Perry, Chair

**ORANGE COUNTY
ORANGE UNIFIED TRANSPORTATION BOARD (OUTBoard)
ACTION AGENDA ITEM ABSTRACT
Meeting Date: September 21, 2016**

Item No. 5.a.

SUBJECT: Safe Routes to School Plan

DEPARTMENT: Planning

ATTACHMENT(S):

1. SRTS Update Memorandum
2. SRTS Plan (online link)
http://www.orangecountync.gov/document_center/Transport/Adopted_Safe_Routes_to_School_SRTS_Plan_AdoptedSRTSPlanallchapters.pdf

INFORMATION CONTACT:

Abigaile Pittman, Transportation/ Land Use Planner, 919-245-2567
Max Bushell, Transportation Planner, 919-245-2582
Tom Altieri, Comprehensive Planning Supervisor, 919-245-2575

PURPOSE: To receive an update on implementation efforts for the Safe Routes to School (SRTS) Plan

BACKGROUND:

At its August 17, 2016 meeting the OUTBoard asked that this item be included for review and discussion on the September 21 meeting agenda. The Board of County Commissioners (BOCC) was updated on this item at its September 6. A copy of this update, provided in a memorandum by Craig Benedict, Planning Director is attached (Attachment 1). OUTBoard members may view the adopted SRTS Plan through the link provided as Attachment 2.

RECOMMENDATION: The staff recommends that the OUTBoard receive the update and comment.

Attachment 1

PLANNING & INSPECTIONS DEPARTMENT Craig N. Benedict, AICP, Director

Administration
(919) 245-2575
(919) 644-3002 (FAX)
www.orangecountync.gov



131 W. Margaret Lane
Suite 201
P. O. Box 8181
Hillsborough, NC 27278



MEMORANDUM

TO: Board of County Commissioners
FROM: Craig Benedict, Planning & Inspections Director
DATE: August 16, 2016
SUBJECT: INFORMATION ITEM – Safe Routes to School Plan Update

The Safe Routes to School (SRTS) Action Plan was adopted by Orange County Board of County Commissioners (BOCC), Orange County Schools, and the Town of Hillsborough in 2014. This update includes a review of the Town's adoption of its Community Connectivity Plan, and the shift in funding program criteria over the past several years, resulting in the prioritization of urban settings and highway projects over bicycle and pedestrian projects. However, limited implementation of non-infrastructure projects may be possible with the participation and support of our Plan partners.

The SRTS Plan was developed under the NC SRTS Program, with the goal of identifying improvements that make bicycling and walking to and from school a safe and healthy transportation alternative.

The three schools included in the SRTS Plan are part of the Orange County school system, and all are located inside or adjacent to the Town of Hillsborough:

- Grady A. Brown Elementary School (in the County's jurisdiction)
- Cameron Park Elementary School (in the Town's jurisdiction)
- C.W. Stanford Middle School (in the Town's jurisdiction)

Eligible SRTS projects can be bundled as infrastructure and non-infrastructure. Funding can include training volunteers, building sidewalks, creating cross walks, making safety improvements, constructing bicycle lanes and pedestrian paths, etc. All projects must be within two (2) miles of a K-8 school.

Obstacles to Plan Implementation

Project Funding: Following adoption, and as recommended by the adopted Plan, a SRTS Action Plan Advisory Committee (APAC) was established that would be responsible for managing plan implementation. However, during this same time period there were some revisions to federal and state funding sources that impacted future funding resources for the Safe Routes to School program. Specifically, the federal Moving Ahead for Progress in

the 21st Century Bill (MAP-21) SRTS program direct allocation funds were removed. In lieu of these funds, MAP-21 authorized the Transportation Alternatives Program (TAP) to provide funding for programs and projects defined as transportation alternatives, including safe routes to school projects. The TAP program replaced the funding from pre-MAP-21 programs, including the SRTS program. Under the TAP program the federal share is the same as for the general federal-aid highway program: 80 percent Federal/20 percent State or local match. Also, to address the shift in funding programs, prioritized SRTS projects are included on the list of future year projects submitted to the North Carolina Department of Transportation (NCDOT) Strategic Planning Office of Transportation (SPOT) scoring process. The metrics used to generate SPOT scores also evolved during this time frame and prioritized highway projects to a greater degree than other modes (such as bicycle, pedestrian and transit).

Besides TAP funds there are other major program funds that may be used on bicycle and pedestrian improvements. However, the process is highly competitive and the metrics used to generate project scores prioritize urban settings and also favors highway projects to a greater degree than other modes:

- Federal Surface Transportation Program (STP) funds - Although bicycle and pedestrian projects are eligible for STP funding, it is rare for these funds to be used for bicycle/pedestrian projects outside of major urban areas (where MPOs have direct control over STP funding, rather than NCDOT for RPOs). Therefore, in RPOs STP funds are typically used primarily for highway and bridge projects. Every two years NCDOT selects funded projects based on project scores through the SPOT process and other funding eligibility rules.
- Congestion Mitigation and Air Quality (CMAQ) funds – Funded by the Federal Highway Administration (FHWA) and administered by NCDOT, CMAQ funds must be obligated in designated air quality nonattainment and maintenance areas (Orange County is a maintenance area). NCDOT issues calls for CMAQ projects through the MPOs and RPOs on a semi-regular basis. Projects must be included in a MPO transportation plan and transportation improvement program (TIP), or the current Statewide TIP in areas that are in an RPO. These funds can be used for engineering/design, right-of-way, utility, and construction costs of bicycle and pedestrian projects. CMAQ-funded projects are locally administered.

Length of SRTS Plan Preparation Process/Consultant Scope/Hillsborough Community Connectivity Plan – The development of the Orange County SRTS Plan began in January 2010. Although the County Transportation staff, OUTBoard, and local SRTS committee were heavily engaged in plan development, the process and product were managed by a NCDOT consultant. Unfortunately, the consultant experienced significant delays, which resulted in a delay of the adoption of the Plan. During this period of delay, at almost the same time the Town of Hillsborough adopted the SRTS Plan in March 2014, they also adopted revisions to its Connectivity Plan that were not consistent with the SRTS Plan recommendations. The purpose of the Connectivity Plan is to provide specific recommendations to improve the pedestrian and bicycle environment in Hillsborough. While the sidewalk and bike lane recommendations contained in the SRTS Plan were acknowledged in the Connectivity Plan, they were not ultimately recommended as part of the Town's infrastructure network. From an implementation standpoint, the Connectivity Plan has replaced the SRTS Plan as the guiding document as it relates to Cameron Park Elementary School and C.W. Stanford Middle School.

Jurisdiction and Implementation of Infrastructure Projects

The Town is responsible for the implementation of its Community Connectivity Plan. Priority projects related to Cameron Park Elementary School and C.W. Stanford Middle School include sidewalks, crosswalks, and bike lanes.

Orange County Planning staff and NCDOT have identified recommendations related to Grady Brown Elementary School and Cedar Ridge High School as potentially viable projects in the SRTS Plan. These projects would include sidewalks along the New Grady Brown School Road frontage and along Orange Grove Road to Interstate 40, where these sidewalks would serve as receiving sidewalks for a pedestrian crossing across the interstate and into the Town's jurisdiction. If the County were to take steps towards this multi-phase project implementation, it would initially need to:

- Contract or perform in-house engineering design of sidewalks, including an estimated cost of construction;
- Obtain an easement encroachment agreement with NCDOT;
- Enter into a mutually agreeable sidewalk maintenance agreement with the Town;
- Enlist the schools as partners in the project planning; and
- Acquire funding for the engineering and construction of the sidewalks, which would include a 20% local match, and seek competitive federal funds through the DCHC MPO; or fund the project through County funds.

The interstate pedestrian overpass may become a more viable project following construction of the receiving sidewalks.

Jurisdiction and Implementation of Non-infrastructure Projects

Implementation of the SRTS Action Plan can also address non-infrastructure projects in the categories education, encouragement, enforcement, and evaluation. The Town and County would be responsible for implementing projects within their respective jurisdictions. Examples of these non-infrastructure project recommendations could include:

- Integration of bicycle/pedestrian education into the class curriculum, including hands-on skills training such as simulated street crossings and bicycle handling drills/rodeos;
- Start a comprehensive motorist/pedestrian/bicyclist safety campaign to create awareness of conflicts and safety behavior;
- Begin a walking school bus program including a partnership of the school system, parents and members of the community, including law enforcement;
- Begin mileage clubs/contests that can give children a sense of accomplishment;
- Begin a crossing guard program;
- Develop SRTS bicycle/walking maps;
- Starting a Walk to School Day; and
- Perform an update of the surveys identifying numbers of students walking and biking to school, or desiring to, and the key factors affecting parents' decisions to allow or disallow children to walk or bike to schools.

Many of these non-infrastructure projects cannot be fully implemented without the construction of the related infrastructure (sidewalks, bike lanes, cross walks, etc.).

However, it may be possible for Orange County Schools to make some progress on some of these projects.

Summary

In summary, due to the Plan becoming partially obsolete, limited funding due to the revision in project criteria at the state level, and lack of any local matching funds, Orange County Transportation staff is at a standstill on implementation of infrastructure projects until such time as there is a revision of the funding landscape. However, should the Commissioners so direct, staff can provide support to Orange County Schools and/or the Town of Hillsborough if they decide to proceed with implementation of non-infrastructure projects.

Item 5.b.: Presentation on Safe Routes to School Plan by Walkable Hillsborough

****TOP PRIORITY****

August 30, 2016 Meeting notes

Local Support

- Elected Officials
- Community Members

Re-assess scope of project:

- Include sidewalks from Churton St. to Grady Brown Road
- Look at Federal Funding – Need 20% Local Match

NEED DATA

- Crash Data
- Traffic Data
- Connectivity
- Hazard Bussing – Look at Auburn Texas reports
- Walking/Bus Data from Orange County

Federal Funding Sources

2 Different Funding Sources – 3 Ways to Pursue Funding

FUNDING SOURCE #1

Highway Safety Improvement Plan (HSIP)

Kevin Lacey w/DOT

Data Driven funding

WE NEED DATA:

- Crash Data
 - Speed Data
 - High speed limits are not safe for walking/biking without adequate infrastructure – Gather data on impact of speed on crashes
-

FUNDING SOURCE #2 – 2 WAYS TO PURSUE

WE NEED LOCAL SUPPORT:

DCHC – Dale McKeel

- Attend technical committee meetings
 - Ask to get on their agenda
 - Letter writing campaign – Need to show that we have local support
-

DOT - Chuck Edwards

- Ped/Bike Projects
- Letter writing campaign – Need to show that we have local support

WALK TO SCHOOL DAY – OCTOBER 5, 2016

- Re-engage mayors
- Media rep
- Need support from Grady Brown & Cedar Ridge

NEXT STEPS

- Obtain Local Support
- Acquire Data
- Connect with Schools
- Letter Writing Campaign
- Organize Walk to School Day – Oct. 5
- Attend DCHC Technical Committee Meetings – Get on agenda
- Show connectivity

ORANGE COUNTY
ORANGE UNIFIED TRANSPORTATION BOARD (OUTBoard)
ACTION AGENDA ITEM ABSTRACT
Meeting Date: September 21, 2016

Action Agenda
Item No. 5.c.

SUBJECT: OUTBoard Annual Report 2016 and Work Plan 2017

DEPARTMENT: Planning

ATTACHMENT(S):

1. OUTBoard Annual Report 2015 and Work Plan 2017
2. 2009 BOCC Goals
3. 2030 Comprehensive Plan Goals and Objectives

INFORMATION CONTACT:

Abigaile Pittman, Transportation/ Land Use Planner, 919-245-2567
Tom Altieri, Comprehensive Planning Supervisor, 919-245-2575

PURPOSE: To receive a staff update on the OUTBoard Annual Report 2016 and Work Plan 2017.

BACKGROUND:

The OUTBoard's Annual Report and Work Plan is required to be completed and return to the Clerk's office no later than Friday, December 16th. The annual report, which is prepared by staff, will inform the Board of Commissioners (BOCC) of the past yearly activities of the OUTBoard. The work plan, which is prepared by staff and the OUTBoard, will entail a plan for future activities of the Board. These activities should be consistent with the goals and objectives of the BOCC.

For reference, staff has provided a copy of last year's Annual Report 2015 and Work Plan 2017 (Attachment 1), the 2009 BOCC Goals (Attachment 2), and the 2030 Comprehensive Plan Goals and Objectives (Attachment 3). These documents are guides and references for preparation of the 2016 Annual Report and 2017 Work Plan.

The Clerk's office has informed staff that the Annual Report and Work Plan review and approval will not be part of the Commissioners' annual board retreat (as of now) but will most likely be addressed as the plans were last year- in a work session in early spring 2017. The OUTBoard's Annual Report and Work will be presented to the BOCC at a work session in early 2017, and as is customary, the Chair of the OUTBoard will be asked to attend as well.

RECOMMENDATION: The staff recommends that the OUTBoard receive the updates in preparation for discussion of this item at its November 16 meeting.

**ORANGE COUNTY ADVISORY BOARDS AND COMMISSIONS
INPUT FOR COUNTY COMMISSIONERS' ANNUAL PLANNING
RETREAT**

The Board of Commissioners welcomes input from various advisory boards and commissions in preparation for its annual planning retreat. Please complete the following information, limited to the front and back of this form. Other background materials may be provided as a supplement to, but not as a substitute for, this form.

NAME OF BOARD/COMMISSION: Orange Unified Transportation Board (OUTBoard)

Report Period: 2015

Person to address the BOCC at Retreat (if requested by BOCC) and contact information:

Heidi Perry, Chair. Telephone 919-618-8199
E-mail: heidiperov@gmail.com

Primary County Staff Contacts:

Primary Administrative and Professional Support for General Agenda Topics, and Burlington-Graham Metropolitan Planning Organization (MPO) – Abigaile Pittman, Transportation/Land Use Planner

Durham-Chapel Hill-Carrboro MPO and Triangle Area Rural Planning Organization (RPO) – Tom Altieri, Comprehensive Planning Supervisor, and (currently vacant), Transportation Planner

Transportation Services/OPT – Peter Murphy, Transportation Administrator, OPT

Secondary Administrative – Meredith Pucci, Administrative Assistant (Provided for distribution/website posting of agenda packets, quorum polling, room set-up, recording of meetings, note taking and preparation of detailed minutes, and coordination with the Clerk's office regarding Member appointments and attendance records.)

Management – Craig Benedict, Planning Director; Tom Altieri, Comprehensive Planning Supervisor; and Peter Murphy, Transportation Administrator, OPT

How many times per month does this board/commission meet, including any special meetings and sub-committee meetings?

The OUTBoard meets as needed per its BOCC adopted Rules of Procedure (03/03/2015), generally 6 to 8 times per year. When held, meetings take place on the third Wednesday of the month. The Board met 6 times in 2015, as needed to address Board of County Commissioners (BOCC) priorities. At four of these meetings the Transit Advisory Services/OPT Group, including supplemental staff from other County departments (Aging; DSS; Housing, Human Rights and

Community Development; health; Child Support Enforcement; and the Library) jointly addressed transit services agenda items with the OUTBoard. Additionally, several members of the OUTBoard developed subcommittee and participated with members of the public in the development of a Bicycle and Pedestrian Safety Report.

Brief Statement of Board/Commission's Assigned Charge and Responsibilities:

1. The OUTBoard is charged with advising with 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 OUTBoard 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 OUTBoard shall serve in an advisory capacity to the Planning Board.

What are your Board/Commission's most important accomplishments?

In 2015, the OUTBoard has:

1. Reviewed the Orange Public Transportation Americans with Disabilities Act (ADA) Plan, and endorsed the BOCC's action of March 17, 2015 to approve the Plan.
2. Reviewed the Orange Public Transportation Title VI Plan and endorsed the BOCC's action of March 17, 2015 to approve the Plan.
3. Reviewed and recommended the Orange County Transportation Project Priority Lists of transportation projects for the BG MPO, DCHC MPO, and the TARPO, to be submitted for consideration of inclusion in the 2018-2027 Statewide transportation Improvement Program (STIP).
4. Held a public hearing for the review of the OPT proposed fare structure for fixed-route services, and forwarded recommendations to the BOCC.
5. Participated in the development of the Bicycle and Pedestrian Safety Report with representation on the Bicycle Safety subcommittee that was formed in response to a petition brought forth by two Commissioners; then subsequently reviewed the Report and forwarded it to the BOCC.
6. Reviewed and recommended prioritization of OPT transit related technologies.
7. Received an update on the Orange County Public Transportation Assessment Study which analyzed current conditions, service plans, and organization and staffing, and near-term service improvements to provide improved service.

8. Reviewed the NCDOT Orange County Resurfacing Schedule/Program 2016 and made recommendations regarding opportunities for widened shoulders and bike lane construction to be forwarded to NCDOT.
9. Received an update on BOCC revisions to Advisory Board Policies and the OUTBoard Rules and Procedures.
10. Reviewed and commented on the status of OPT expansion services.
11. Received an update on the Eno Mountain Road Relocation Feasibility Study, a joint project between Orange County and the Town of Hillsborough.

List of Specific Tasks, Events, or Functions Performed or Sponsored Annually.

1. The Transportation Improvement Program (TIP) is typically a recurring two-year process:

<u>First year:</u>	Develops priority list of projects to request in TIP for BOCC approval.
<u>Second year:</u>	Recommends comments regarding draft TIP for BOCC approval to submit to NCDOT during the public comment period.

The OUTBoard assists with the identification and prioritization of NCDOT projects for rural (TARPO) and metropolitan (DCHC MPO and BG MPO) planning areas.

2. Reviews active NCDOT projects in the County, including various paving, construction and CMAQ projects.
3. Receives updates and reviews the progress of NCDOT transportation projects within rural Orange County.
4. Receives updates and reviews the progress of Orange County transportation planning efforts.
5. Receives updates and reviews OPT Operational Statistics for federal and state program transportation grants including the North Carolina Department of Transportation Rural Operating Assistance Program (ROAP) Grant, NC Community Transportation Program (CTP) Grant, and the Congestion Mitigation and Air Quality (CMAQ) Grant.
6. Receives updates on TARPO, BG MPO and DCHC MPO transportation planning activities.
7. Receives updates from the Planning staff on the NCDOT quarterly luncheon topics of discussion.
8. Submits comments and questions for discussion with OPT staff during Transit/OPT Advisory Services Group meetings.
9. Reviews and discusses current Board vacancies.
10. Other items as assigned by the BOCC.

Describe this board/commission's activities/accomplishments in carrying out BOCC goal(s)/priorities, if applicable. The following pertains to the 2009BOCC Goals set:

Accomplishments 1 and 2 (Review of the Orange Public Transportation ADA Plan and the Title VI Plan) relate to BOCC Goal One (Ensure a community network of basic human services and infrastructure that maintains, protects and promotes the well-being of all County residents).

Accomplishments 3, 4, 5, 7, 8, 10 and 11) (Review and recommendation of TARPO, BGMPO and DCHC MPO transportation projects for consideration of inclusion in the 2018-2027 STIP; public hearing, review and recommendation of the OPT proposed fare structure for fixed-route services; developed the Bicycle and Pedestrian Safety Report and forwarded it to the BOCC; received update on an OPT assessment study which analyzed current conditions, service plans, and or organization and staffing; reviewed NCDOT 2016 resurfacing schedule/program and made recommendations; received update on revisions to county advisory board policies and OUTBoard rules and procedures; reviewed and commented on OPT expansion services; and received update on the joint County/Hillsborough Eno Mountain Road Relocation Feasibility Study) relate to BOCC Goal Three (Implement planning and economic development policies which create a balanced, dynamic local economy, and which promote diversity, sustainable growth and enhanced revenue while embracing community values), and Priority 20 of Goal Three (Support transit, pedestrian, and bicycle facilities and other alternatives to the single passenger automobile).

Accomplishments 10 and 11 (Received update on revisions to county advisory board policies and OUTBoard rules and procedures; and received update on the joint County/Hillsborough Eno Mountain Road Relocation Feasibility Study) relate to BOCC Goal Two (Promote an interactive and transparent system of governance that reflects community values), and Priority 7 of Goal Two (Improve intra- and intergovernmental coordination, cooperation and collaboration), and Priority 8 of Goal Two (Examine advisory boards and commissions to: (a) Ensure they are meeting their missions; (b) Determine how boards relate to each other and how their work can best be integrated with the BOCC; (c) Ensure sustainability goals; (d) Ensure fit with overall County vision; and (e) Recognize and be sensitive to consistencies represented by boards, commissions when framing this review).

Accomplishment 6 (Review and recommend prioritization of OPT transportation related technologies) relates to BOCC Goal Four (Invest in quality County facilities, a diverse work force, and technology to achieve a high performing County government), and Priority 11 of Goal Four (Invest in technology to increase work efficiencies).

If your board/commission played the role of an Element Lead Advisory Board involved in the 2030 Comprehensive Plan preparation process, please indicate your board's activities/accomplishments as they may relate to the Comprehensive Plan's goals or objectives.

(The Element Lead Advisory Boards include: Planning Board, EDC, OUTBoard, Commission for the Environment, Historic Preservation Commission, Agriculture Preservation Board, Affordable Housing Board, Recreation and Parks Advisory Council)

Accomplishments 1, 2, 3, 4, 5, 6, 7, 8 and 10 (review and endorse the ADA Plan; review and endorse the Title VI Plan; review and recommend the transportation project priority lists for BG MPO, DCHC MPO and TARPO for consideration of inclusion in the 2018-2027 STIP; public hearing, review and recommendation of the OPT proposed fare structure for fixed-route services; development of the Bicycle and Pedestrian Safety Report and forwarding to the BOCC; review and recommend prioritization of OPT transportation related technologies; received update on an OPT assessment study which analyzed current conditions, service plans, and or organization and staffing; review and made recommendations on the NCDOT Orange County resurfacing schedule/program for 2016; and review and commenting on the status of OPT expansion services, all relate to Comprehensive Plan Transportation Goal 1: An efficient and integrated multi-modal transportation system that protects the natural environment and community character, Objective T-1.1: Increase the occupancy of automobiles through ridesharing and other means, and expand the use of public transit (including bus and rail), walking, and biking as primary modes of travel, Objective T-1.6: Expand the availability and use of public transportation (including bus and rail) throughout the County to provide better connections between employment centers, shopping and service locations, and other key points of interest in both urban and rural areas, particularly for the County's senior and disabled populations and others without access to automobiles; Comprehensive Plan Transportation Goal 2: A multi-modal transportation system that is affordable, available, and accessible to all users and that promotes public health and safety, Objective T-2.4: Improve the provision of public transit facilities and services, Objective T-2.5: Improve public education and advertising of existing transit services, and Objective T-2.6: Increase safety awareness between car drivers and bicycle riders, and increase safety for pedestrians; Comprehensive Plan Transportation Element Goal 4: A countywide and regionally-integrated, multi-modal transportation planning process that is comprehensive, creative and effective, Objective T-4.1: Work with nearby jurisdictions to integrate the County's transportation plans with those of other transportation planning agencies and service providers in Orange County and the Triangle region. The resulting intermodal transportation system should reflect regional goals and objectives to meet projected travel demand and to reduce congestion and reliance on single occupancy vehicles.

Accomplishment 11 (received update on the joint County/Hillsborough Eno Mountain Road Relocation Feasibility Study) relates to Comprehensive Plan Transportation Element Goal 3: Integrated land use planning and transportation

planning that serves existing development, supports future development, and is consistent with the County's land use plans which include provisions for preserving the natural environment and community character.

Identify any activities this board/commission expects to carry out in 2016 as they relate to established BOCC goals and priorities. If applicable, is there a fiscal impact (i.e., funding, staff time, other resources) associated with these proposed activities (please list).

1. Review and comment on amendment to UDO and revise Efland-Buckhorn-Mebane and Eno EDD access management plans (BOCC Goal 3, Priority 2).
2. Continue to work with staff and the BOCC to recommend and monitor Orange County Transportation Improvement Projects (TIP) projects (BOCC Goal 3, Priority 20).
3. Continue to coordinate with the Orange County Department of Aging Mobility Manager on implementation efforts of the Master Aging Plan Transportation Goals (BOCC Goal 3, Priority 20).
4. Continue quarterly Transit Advisory Services/OPT meetings to discuss unmet needs in the service area, service design and scheduling, billing rates and fares, resolve complaints; and to monitor compliance with federal regulations and the status of any deficiencies noted in any official federal, state or local review or report (BOCC Goal 2, Priority 8; and BOCC Goal 3, Priority 20).
5. If referred by the BOCC:
 - a. Review and comment on revised Access Management Plan with an emphasis on Economic Development areas, to establish appropriate linkages with, and complement the state CTP/MTP documents of the BG MPO and DCHC MPO for the purpose of addressing the dedication of right-of-way under local ordinances (BOCC Goal 3, Priority 9).
 - b. Review UDO Section 7.8 Access and Roadways text amendment, with respect to the goals and objectives of the Transportation Element of the Comprehensive Plan to determine consistency (BOCC Goal 3, Priority 2).
 - c. Review and comment on options for addressing protection strategies for the Old NC Hwy 10 corridor for the purpose of addressing the historic character of the road corridor and adjacent rural residential land uses from the impact of planned future nonresidential development (BOCC Goal 3, Priority 9).
 - d. Implementation efforts related to the Safe Routes to School (SRTS) Action Plan, to serve as a subcommittee in an advisory capacity, supplemented by additional staff from other agencies/jurisdictions as needed (BOCC Goal 3, Priority 20).
 - e. Provide input on high speed rail corridor through the County and proposed rail crossing closings (BOCC Goal 3, Priority 20).

What are the concerns or emerging issues your board has identified for the upcoming year that it plans to address, or wishes to bring to the Commissioners' attention?

1. Implementation efforts for the Bicycle and Pedestrian Safety Report, as directed by the BOCC.
2. Enhanced dispatching technologies for transit/OPT services.
3. Identify and recommend known route stops requiring bus stop amenities, (signage, shelters and/or benches, platforms, sidewalks).
4. Enhanced regional transportation planning and operational efforts including rural services as noted in the Orange County Bus and Rail Investment Plan (OCBRIP).
5. Pursuit of funding sources for prioritized transportation projects and track status of project implementation.
6. Review and recommend better coordination of infrastructural changes effecting bicycle routes, and other alternate forms of transportation (e.g., electric bikes).
7. Promote development of new regional/division prioritization criteria for highway modernization projects.

**ORANGE COUNTY BOARD OF COUNTY COMMISSIONERS
GOALS AND PRIORITIES
Fiscal Year 2009-2010**

Goal One: Ensure a community network of basic human services and infrastructure that maintains, protects and promotes the well-being of all County residents.

Priority 4: Review services to identify and protect 'safety net' programs and services.

Priority 5: Encourage for profit investments in affordable housing and review available tools.

Goal Two: Promote an interactive and transparent system of governance that reflects community values.

Priority 6: Develop plan and tools to improve how County and citizens communicate with each other; foster two-way exchange.

Priority 7: Improve intra- and intergovernmental coordination, cooperation and collaboration. (a) Work with Town of Hillsborough on: Joint land use planning approaches, policies/ordinances, and annexation, and Economic Development Districts. (b) Work with City of Durham on: Economic Development Districts

Priority 8: Examine advisory boards and commissions to: (a) Ensure they are meeting their missions; (b) Determine how boards relate to each other and how their work can best be integrated with the BOCC; (c) Ensure sustainability goals; (d) Ensure fit with overall County vision; and (e) Recognize (and be sensitive to) consistencies represented by boards, commissions when framing this review

Priority 26: Clarify and communicate to public how and why County funding is allocated the way it is

Goal Three: Implement planning and economic development policies which create a balanced, dynamic local economy, and which promote diversity, sustainable growth and enhanced revenue while embracing community values.

Priority 2: Implement Comprehensive Plan (a) Rewrite zoning and subdivision regulations (Unified Development Ordinance).

Priority 3: Develop economic plans for three (3) districts.

Priority 9: Update economic development plan for County: (a) Clarify economic development plan for each district; (b) Identify spectrum of tools; (c) Identify other stakeholders; and (d) Identify what the County wants to see happen.

Priority 10: Develop an energy plan that includes economic development strategies to attract, retain, and grown 'green' business

Priority 19: Be actively involved and informed about UNC-CH decisions and intentions

Priority 20: Support transit, pedestrian, and bicycle facilities and other alternatives to the single passenger automobile.

Priority 21: Amend County zoning to address and modernize airport and related issues.

Goal Four: Invest in quality County facilities, a diverse work force, and technology to achieve a high performing County government.

Priority 11: Invest in technology to increase work efficiencies; e.g. web streaming, paperless agendas, integrated tracking systems between field and office.

Priority 22: Review and update County personnel and operational policies and procedures.

Priority 23: Design and fund space for County Attorney Offices. Manager and BOCC to discuss concept and staffing

Goal Five: Create, preserve, and protect a natural environment that includes clean water, clean air, wildlife, important natural lands and sustainable energy for present and future generations.

Priority 1: Conserve high priority natural areas, wildlife habitat, and prime forests.

Priority 12: Implement County's Environmental Responsibility goals

Priority 15: Complete stewardship and management plans for Lands Legacy.

Priority 16: Develop an accounting and assessment system of water and air pollution: (a) In conjunction with ICLEI; Set emissions reduction target

for 2030; Conduct public education campaign; and Link public with opportunities to improve energy efficiency and use sustainable energy sources; (b) Begin multi-year implementation of Observable Well Network

Priority 24: Plan to acquire/land bank for future park development.

Priority 25: Develop a policy/update current plan about how parks will be developed, appropriate ratio of parks to population, length of time to develop, and incorporation of such into the Capital Investment Plan (CIP).

Goal Six: Ensure a high quality of life and lifelong learning that champions diversity, education at all levels, libraries, parks, recreation, and animal welfare.

Priority 13: Plan to provide 'equitable' library services for Orange County residents.

Priority 14: Fulfill remainder of bond issuance approved by voters in 2001 for soccer and Twin Creeks

Priority 17: Review the Schools and Adequate Public Facilities Ordinance: (a) Is it doing what it was originally intended to do? (b) Does it have application for Durham and Mebane?

Priority 18: Address inequities between old and new schools. Older schools are in need of capital improvements. Building new schools has been the funding priority.

ECONOMIC DEVELOPMENT

Economic Development Goal 1: Public-private sector partnerships that create a stronger business climate.

Objective ED-1.1:

Focus public education efforts on sustainability issues, looking at the social, economic and environmental contributions of local businesses. (See also Agricultural Objective AG-6.)

Objective ED-1.2:

Form partnerships both within and outside the County to create a stronger business climate and market the changes to existing and potential employers.

Objective ED-1.3:

Develop clear criteria defining desirable businesses for the next five years.

Objective ED-1.4:

Achieve the objective of adding 5,000 new private sector jobs in the County and \$125,000,000 in new commercial property by June 2010, with the goal of 75% of the new jobs being filled by County residents.

Objective ED-1.5:

Identify barriers to development of desirable businesses and local businesses, and mitigate these barriers.

Objective ED-1.6:

Provide outreach, recognition and/or expedited service to new and existing businesses that meet development criteria.

Objective ED-1.7:

Enhance Orange County's tourist industry. (See also Cultural Resources Objective CR-8.)

Objective ED-1.8:

Explore policies to use in attracting and encouraging development of companies and enterprises that will build and expand upon the County's economic base.

Economic Development Goal 2: Infrastructure that supports desired development.

Objective ED-2.1:

Encourage compact and higher density development in areas served by water and sewer. (See also Land Use Objective LU-1.1 and Water and Wastewater Objective WW-5.)

Objective ED-2.2:

Encourage mixed use projects that support walkable communities.

Objective ED-2.3:

Promote public transportation, alternative modes of transportation, and encourage carpooling and park-and-ride participation. (See also Land Use Objectives LU-1.1, LU-3.2 and Transportation Objective T-1.1.)

Objective ED-2.4:

Support the County's "Schools Adequate Public Facilities Ordinance."

Objective ED-2.5:

Identify lands suitable to accommodate the expansion and growth of commercial and industrial uses in the County.

Objective ED-2.6:

Identify areas that are desirable and attractive to major corporate users with access to public transportation networks and possibly rail.

Objective ED-2.7:

Select industrial sites in Economic Development Areas based on present and planned supporting systems, such as public water and sewer, access to adequate highway, rail, or public transportation infrastructures, and minimize detrimental environmental or negative social outcomes. (See also Water and Wastewater Objective WW-15.)

Objective ED-2.8:

Adjust ongoing designation and zoning of Economic Development Districts to avoid the area designated as the Rural Buffer. (See also Land Use Objectives LU-3.1 and LU-3.3.)

Objective ED-2.9:

Consider industrial sites in Agricultural-Residential areas along the U.S. 70/I-85 highway and rail corridor to take advantage of the corridor's locational attributes. A limited number of small scale Rural Industrial Nodes, not requiring urban type services, may be appropriate elsewhere in the County where good access exists. (See also Land Use Objective LU-3.5.)

Objective ED-2.10:

Extend public water and sewer into all three Economic Development Districts. (See also Land Use Objective LU-1.1 and Water and Wastewater Objective WW-2.)

Objective ED-2.11:

Establish adequate information networks throughout the towns and County.

Objective ED-2.12:

Work with all area universities to identify space needed for businesses created through university research, promote development of such space within the County, and encourage such businesses to stay in Orange County.

Economic Development Goal 3: Effective systems to train and support residents and those who work in Orange County.

Objective ED-3.1:

Develop and nurture partnerships that support workers and their families at all stages of their lives and provide opportunities for lifelong learning and retraining in response to changing economic conditions.

Objective ED-3.2:

Promote access to living wage jobs that offer benefits and career advancement potential.

Objective ED-3.3:

Form partnerships with Durham Technical Community College, UNC-Chapel Hill, Chapel Hill/Carrboro Schools, Orange County Schools, and others to provide adequate training and education to enable workers in Orange County to obtain high quality jobs.

Objective ED-3.4:

In coordination with the Business Climate working group, help communicate the types of jobs the County wants and expects to create so that workers can develop realistic career expectations and obtain appropriate training.

Objective ED-3.5:

Ensure that County workers and those preparing for the workforce have access to transportation, child care, elder care, and affordable housing. (See also Housing Objective H-1.5.)

Economic Development Goal 4: Partnerships that ensure the County remains a great place in which to live and work.

Objective ED-4.1:

Enhance historic character by supporting organizations' efforts to preserve, promote, and maintain historic structures, and identify Orange County policies that may be in conflict with these efforts. (See also Cultural Resources Objective CR-2, CR-3, and CR-5, and Housing Objective 3.6.)

Objective ED-4.2:

Provide lifelong learning opportunities, from early childhood through senior citizens.

Objective ED-4.3:

Welcome and promote greater inclusiveness and diversity.

Objective ED-4.4:

Enhance rural and agricultural community character by supporting local agriculture markets, supporting complementary conservation and management tools, and considering tools to make farming more profitable. (See also Agriculture Objective AG-2 and AG-3.)

Objective ED-4.5:

Enhance urban character by connecting and supporting existing plans for increasing the commercial tax base and for revitalizing the downtown areas of Carrboro, Chapel Hill, and Hillsborough.

HOUSING

Housing Goal 1: A wide range of types and densities of quality housing affordable to all in all parts of the County.

Objective H-1.1:

Assist in the rehabilitation and development of affordable housing and promotion of community development programs in the County using multiple strategies including implementation of the Countywide Housing and Community Development Consolidated Plan.

Objective H-1.2:

Concentrate the Orange County Community Development Block Grant Program efforts and resources in those areas of the County occupied by low and moderate-income households and having the most severe housing and community development needs.

Objective H-1.3:

Increase the provision of housing assistance for households in need and coordinate with public and non-profit organizations responsible for providing community services and housing in the County.

Objective H-1.4:

Coordinate with the municipalities to maintain an adequate supply of residentially designated land to accommodate sustainable levels of population growth and a diversity of housing types countywide.

Objective H-1.5:

Ensure that a variety of housing types can be developed throughout the County in a sustainable manner that locates housing near employment centers and commercial centers and that efficiently uses existing and planned public services. (See also Land Use Objectives LU-1.1 and LU-6.2, Economic Development Objective ED-3.5, and Water and Wastewater Objective WW-2.)

Objective H-1.6:

Promote innovative approaches to housing that are responsive to the needs of Orange County, maintain quality and human scale, increase energy efficiency, and reduce construction and maintenance costs.

Housing Goal 2: Housing that is useable by as many people as possible regardless of age, ability or circumstance.

Objective H-2.1:

Accommodate the development of group homes, foster care facilities, transitional housing facilities and other housing types in appropriate locations to provide increased opportunities for social interaction, a de-institutionalized lifestyle, and gainful employment.

Objective H-2.2:

Continue to address issues of chronic homelessness in Orange County.

Objective H-2.3:

Increase the number of affordable multi-family housing units which are designed to support the needs of the elderly, especially those with limited incomes.

Housing Goal 3: The preservation, repair, and replacement of existing housing supply.

Objective H-3.1:

Achieve residential neighborhoods that are attractive and well-maintained. (See also Land Use Objective LU-2.10.)

Objective H-3.2:

Require that all new housing built or located in Orange County meet the minimum standards specified in the State of North Carolina Building Code, as well as standards of the Department of Housing and Urban Development and the Farmer's Home Administration, when appropriate.

Objective H-3.3:

Expand assistance in the retrofitting, repair, and maintenance of existing homes owned by financially challenged households, particularly those that are senior citizens.

Objective H-3.4:

Provide additional housing and rehabilitation assistance that targets and prevents the physical decline of stable neighborhoods.

Objective H-3.5:

Review and consider the Environmental Protection Agency's (EPA) Energy Star and Water Sense standards for use as an integral part of the County's housing rehabilitation program.

Objective H-3.6:

Work within the Orange County government system to identify and resolve existing policies which may be at odds with historic preservation goals, green building approaches, and workforce and affordable housing efforts. (See also Cultural Resources Objective CR-3 and Economic Development Objective ED-4.1.)

Housing Goal 4: Development ordinances and incentives that promote inclusionary practices and housing options for all income levels.

Objective H-4.1:

Continue to permit HUD code-compliant manufactured housing as a form of affordable housing in the County. (See also Land Use Objective LU-4.1.)

Objective H-4.2:

Expand assistance for elderly households that have difficulty affording their home property tax.

Objective H-4.3:

Evaluate the feasibility of development incentives to stimulate the production of needed affordable low income housing. (See also Land Use Objective LU-4.4.)

Objective H-4.4:

Working collaboratively with the towns, identify regulatory barriers to be removed and opportunities for development incentives to encourage the construction of a diverse range of housing types countywide. (See also Land Use Objective LU-4.2.)

LAND USE

Land Use Goal 1: Fiscally and environmentally responsible, sustainable growth, consistent with the provision of adequate services and facilities and a high quality of life.

Objective LU-1.1:

Coordinate the location of higher intensity / high density residential and non-residential development with existing or planned locations of public transportation, commercial and community services, and adequate supporting infrastructure (i.e., water and sewer, high-speed internet access, streets, and sidewalks), while avoiding areas with protected natural and cultural resources. This could be achieved by increasing allowable densities and creating new mixed-use zoning districts where adequate public services are available. (See also Economic Development Objectives ED-2.1, ED-2.3, ED-2.10, and Water and Wastewater Objective WW-2.)

Objective LU-1.2:

Evaluate and report on whether existing and approved locations for future residential and non-residential developments are coordinated with the location of public transportation, commercial and community services, and adequate supporting infrastructure (i.e., water and sewer services, high-speed internet access, streets and sidewalks).

Objective LU-1.3:

Create a “sustainable development checklist” to be included as part of the development review process that would evaluate and report on whether proposed developments are appropriate considering existing on-site environmental conditions and features, whether they are compatible with existing natural and cultural resources, whether adequate provision of public services exist for the proposed land use, and whether the proposed development will enhance community character.

Land Use Goal 2: Land uses that are appropriate to on-site environmental conditions and features, and that protect natural resources, cultural resources, and community character.

Objective LU-2.1:

Maintain the rural, low-density land surrounding Chapel Hill and Carrboro Transition Areas as Rural Buffer land, as designated on the Land Use Plan. Future consideration should be given to designating Rural Buffer areas around other municipalities where such interest exists.

Objective LU-2.2:

Continue to protect valuable resource land such as productive agricultural areas, natural areas, historic sites and properties, and potential reservoir sites through the County's Lands Legacy Program, and by directing incompatible development away from these areas through land use and zoning policies and regulations. (See also Natural Areas Objectives NA-5 and NA-17, and Water and Wastewater Objective WW-14.)

Objective LU-2.3:

Require non-residential and higher-density residential developments within Transition Areas to use Best Management Practices (BMP's) for stormwater control, as outlined within the Orange County Zoning Ordinance and Sedimentation Control Ordinance, to ensure that potential adverse impacts on the water quality of existing and proposed reservoir sites are avoided. (See also Erosion Control EC-1 and Natural Areas Objective NA-4.)

Objective LU-2.4:

Evaluate the development potential in rural crossroads communities to identify whether current regulations permit appropriate development that is in character with these communities, and whether potential development in these areas would require significant expansions or cause depletions of public services.

Objective LU-2.5:

Adopt and implement policies that specify appropriate land uses and intensities of development in Protected and Critical Water Resource Areas that will not have potential adverse impacts on water resources. (See also Water and Wastewater Objective WW-15.)

Objective LU-2.6:

Protect prime reservoir sites from adverse development impacts and ensure that regulations for these areas are appropriate.

Objective LU-2.7:

Refine green building standards to guide the design, siting, construction, and management of publicly owned and managed buildings in a manner that conserves energy and/or uses non-polluting renewable energy sources. Explore the development of green building standards for private development. (See also Air and Energy Objective AE-11.)

Objective LU-2.8:

Develop performance standards for development on lands with non-renewable resources to ensure a sufficient level of environmental protection for these resources.

Objective LU-2.9:

Evaluate the carrying capacity of groundwater and surface water resources of the 15 watersheds in Orange County. (See also Water Resources Objective WR-7.)

Objective LU-2.10:

Develop design standards or guidelines that address scale, density, and aesthetic considerations for residential, mixed-use, industrial, and commercial land uses to promote community aesthetics and the protection of the visual and cultural environment of the County. (See also Housing Objective H-3.1.)

Land Use Goal 3: A variety of land uses that are coordinated within a program and pattern that limits sprawl, preserves community and rural character, minimizes land use conflicts, supported by an efficient and balanced transportation system.

Objective LU-3.1:

Discourage urban sprawl, encourage a separation of urban and rural land uses, and direct new development into areas where necessary community facilities and services exist through periodic updates to the Land Use Plan. (See also Economic Development Objective ED-2.8.)

Objective LU-3.2:

Coordinate land use patterns to facilitate the expanded use of non-auto modes of travel, the increased occupancy of automobiles, and the development and use of an energy-efficient transportation system. (See also Transportation Objective T-1.1, Economic Development Objective ED-2.3, and Air and Energy Resources Objective AE-8.)

Objective LU-3.3:

Discourage new intensive non-residential land uses, or the expansion of existing intensive uses, in the area designated Rural Buffer. (See also Economic Development Objective ED-2.8.)

Objective LU-3.4:

Recognize the right to farm and discourage the location of new non-farm development, particularly more intensive residential development, within farming areas to minimize the incidence of complaints and nuisance suits against farm operations. (See also Agriculture Objectives AG-1 and AG-3.)

Objective LU-3.5:

Encourage energy and water use in an efficient manner by industries and encourage energy efficient industries to locate or expand in the County in Rural Industrial, Commercial/Industrial, and Economic Development Nodes. (See also Economic Development Objective ED-2.9.)

Objective LU-3.6:

Establish consistency between the Land Use Plan and the Water and Sewer Management Planning and Boundary Agreement and Map. (See also Water and Wastewater Objective WW-3.)

Objective LU-3.7:

Ensure that new development patterns in non-residential nodes encourage a clustered, walkable development pattern and discourage strip development.

Objective LU-3.8:

Develop a process for implementing small area plan recommendations through the revision of County policies and regulations.

Objective LU-3.9:

Create new zoning district(s) which allow for a mixing of commercial and residential uses, a mixing of housing types, and creates a more pedestrian friendly development pattern. New districts should be applied in areas where public services exist or are planned for in the future, in areas that promote higher intensity and high density uses on the Land Use Plan map.

Objective LU-3.10:

Identify prime viewsheds along major transportation corridors and other areas, and amend County land use ordinances to ensure long-term protection of viewsheds. (See also Natural Areas Objective NA-16, Parks and Recreation Objective PR-5.4, and Transportation Objective T-1.5.)

Objective LU-3.11

In response to development plans at Carolina North, including the possible relocation of Horace Williams Airport, review County land use ordinances and amend if needed to protect the interests of Orange County's residents.

Land Use Goal 4: Land development regulations, guidelines, techniques and/or incentives that promote the integrated achievement of all Comprehensive Plan goals.

Objective LU-4.1:

Support the use of individual manufactured housing units as a useful housing resource in the County by increasing the opportunities where these units can locate by-right. (See also Housing Objective H-4.1.)

Objective LU-4.2:

Review and amend the Orange County Zoning and Subdivision Ordinances to identify and eliminate existing regulatory impediments to objectives identified in the Comprehensive Plan. Such objectives include but are not limited to the development of energy efficient buildings within the County, water efficiency standards for new development, and development of affordable housing. (See also Housing Objective H-4.4 and Solid Waste Objective SW-4.)

Objective LU-4.3:

Determine how private developments can best accommodate or provide public and private commercial recreational facilities to serve Orange County's residents. (See also Parks and Recreation Objective PR-1.3 and Natural Areas Objective NA-10.)

Objective LU-4.4:

Encourage the provision of a range of affordable and suitable low and moderate income housing by means of development incentives in order to provide a balanced housing stock for the residents of Orange County. (See also Housing Element Objective H-4.3.)

Objective LU-4.5:

Work within the Orange County government system to identify and resolve existing land development policies that may be in conflict with historic preservation goals. (See also Cultural Resources Objective CR-3.)

Objective LU-4.6:

Prepare an analysis of subdivision trends in the County, providing pros and cons of Minor, Major, and Exempt Subdivisions, and recommendations on any ordinance amendments that may be appropriate.

Land Use Goal 5: Life, health, and property safe from hazards.

Objective LU-5-1:

Prohibit new development in special flood hazard areas as defined by the Federal Emergency Management Flood Insurance Rate Map, effective February 2, 2007.

Objective LU-5-2:

Continue to implement the Orange County Hazard Mitigation Plan.

Objective LU-5-3:

Develop and coordinate an emergency disaster plan and community education program to increase awareness of the dangers of natural and human-made emergency events and understand how best to prepare.

Land Use Goal 6: A land use planning process that is transparent, fair, open, efficient, and responsive.

Objective LU-6.1:

Undertake a comprehensive effort to inform and involve the citizens of Orange County in the land use planning process.

Objective LU-6.2:

Maintain a cooperative joint planning process among the County municipalities and those organizations responsible for the provision of water and sewer services to guide the extension of service in accordance with the Comprehensive Plan, the Orange County-Chapel Hill-Carrboro Joint Planning Agreement and Land Use Plan, and the policies of the municipalities. (See also Water and Wastewater Objective WW-4.)

Objective LU-6.3:

Develop internal process audits and customer surveys to ensure customer satisfaction of the development review and approval process.

Objective LU-6.4:

Develop educational and public information programs to increase awareness of the potential for the design, construction and rehabilitation of commercial and residential structures that are energy efficient and/or use non polluting renewable energy sources.

Objective LU-6.5

Establish a "one-stop" County central permitting office.

Objective LU-6.6

Evaluate and consider the "Community Building" recommendations of the Shaping Orange County's Future's Task Force.

Objective LU-6.7

Add an index to the adopted Comprehensive Plan and develop an executive summary of its contents.

NATURAL AND CULTURAL RESOURCES

Natural and Cultural Systems Goal 1: Energy conservation, sustainable use of non-polluting renewable energy resources, efficient use of non-renewable energy resources and clean air.

GREENHOUSE GASES

Objective AE-1:

Assess and implement the current countywide greenhouse gas emissions inventory and action plan target reductions.

Objective AE-2:

Adopt a carbon reduction plan to reduce County green house gas emissions by a target to be determined by the ongoing Greenhouse Gas Emissions Study by the year 2020.

OZONE

Objective AE-3:

In addition to local actions, the County should continue to join appropriate regional initiatives meet or perform better than Federal ozone standards.

Objective AE-4:

Work towards the installation of an ozone monitor in Orange County.

Objective AE-5:

Develop an accounting and assessment of air and water pollution impacts in Orange County (both increases and decreases). (See also Water Resources Objective WR-15.)

Objective AE-6 :

Minimize ozone exceedances by a percentage to be determined from future data by the year 2015.

AIR POLLUTION SOURCES - TRANSPORTATION

Objective AE-7:

Expand and enhance Orange County's public transportation system (See also Transportation Objective T-1.6.)

Objective AE-8:

Improve transportation efficiency: promote more public transportation, ride sharing, and alternative transportation such as bicycling and walking. (See also Transportation Objective T-1.1 and Land Use Objective LU-3.2.)

Objective AE-9:

Promote the use of more fuel-efficient vehicles, and vehicles that use sustainable alternative fuels such as biofuel and electricity.

Objective AE-10:

Convert the County's vehicle fleet to fuel efficient and low-emissions vehicles.

AIR POLLUTION SOURCES - BUILDING ENERGY USE

Objective AE-11:

Improve the energy efficiency of buildings through several action steps: 1) upgrade existing buildings, including County and school buildings; 2) educate planning and building inspection officials about the technologies and techniques of energy efficient construction; and 3) encourage the use of LEED "Gold" (or equivalent) as a standard in new construction. (See also Land Use Objective LU-2.7.)

Objective AE-12:

Provide a system for builders, owners, lenders, appraisers, and buyers of buildings to assess the energy efficiency of structures.

ALTERNATIVE ENERGY

Objective AE-13:

Develop an inventory of funding opportunities, programs, credits, etc., that can be used to improve energy efficiency and to generate sustainable power. Identify ways for the County to facilitate the use of these options by County businesses, institutions, and residents.

Objective AE-14:

Develop an accounting of Orange County agricultural and animal-related resources in order to assess: 1) the potential for heat and power generation; 2) the potential for distribution; and 3) the potential customers that could purchase the power generated and ancillary products.

Objective AE-15:

Foster participation in green energy programs such as installation incentives for solar hot water/solar generation/solar tempering in residential or commercial construction. The County should develop programs that will link citizens and businesses with options for alternative and sustainable energy sources.

Objective AE-16:

Develop the use of alternative fuels and waste-derived fuels that will convert landfill, water treatment, agricultural, and wood wastes into heat and electricity.

Natural & Cultural Systems Goal 2: Economic viability of agriculture, forestry, and horticulture and their respective lands.

Objective AG-1:

Recognize and support the right to farm. Protect farm operations from incompatible adjacent land uses or activities that will adversely affect the long-term agricultural investment in land and improvements. (See also Land Use Objective LU-3.4.)

Objective AG-2:

Pursue new measures (some of which may require special legislation) to make farming more profitable, such as additional programs for tax assistance. (See also Economic Development Objective ED-4.4.)

Objective AG-3:

Develop programs and associated infrastructure facilities to make local farms more economically viable, including local farm product processing, development of a distribution center, and marketing initiatives. (See also Land Use Element Objective LU-3.4 and Economic Development Objective ED-4.4.)

Objective AG-4:

Minimize the negative impacts of future public projects (such as roads, utility lines, etc) on farming operations and productive farmland. Conduct public review of projects proposed by entities that have the power of eminent domain, and consider the impact of such actions on agricultural activity.

Natural & Cultural Systems Goal 3: Infrastructure and support systems for local and regional agriculture.

Objective AG-5:

Teach the next generation about farming, support apprentice options, and promote the pursuit of farming as an occupation. Develop community awareness of farming.

Objective AG-6:

Develop a single clearing-house information source for current agricultural topics, agricultural programs, and events sponsored by Orange County and/or for local farmers in conjunction with the Orange County Farms website. (See also Economic Development Element Objective ED-1.1.)

Objective AG-7:

Complete an examination of the local food system, and create a regional sustainable food network, whereby local residents consume 10% locally grown and produced products in five years.

Objective AG -8:

Encourage the use and production of natural fuel alternatives to petroleum-based products and pursue new types energy sources.

Natural & Cultural Systems Goal 4: Preservation of historic, cultural, architectural and archaeological resources, and their associated landscapes.

Objective CR-1:

Provide for the systematic identification of historic buildings, objects, districts, sites, structures and archaeological sites. Update and improve these inventories at regular intervals.

Objective CR-2:

Establish stronger partnerships with preservation organizations for the dissemination of information on current topics and to provide hands-on training, such as "how to" publications,

examples of design guidelines, technical briefs, etc. (See also Economic Development Objective ED-4.1.)

Objective CR-3:

Work within the Orange County government system to identify and resolve existing policies which may be in conflict with the County's historic preservation mission. (See also Economic Development Objective ED-4.1, Housing Objective H-3.6 and Land Use Objective LU-4.5.)

Objective CR-4:

Strive to make the community more aware of the activities of the Historic Preservation Commission and its place in County government. (See also Economic Development Objective ED-4.1.)

Objective CR-5:

Promote existing programs that offer financial incentives for preservation purposes and pursue new programs to encourage the purchase, preservation, maintenance or adaptive reuse of historic landscapes, and historic and soon to be historic structures. (See also Economic Development Objective ED-4.1.)

Natural & Cultural Systems Goal 5: Awareness and appreciation of the diverse cultural history and heritage of Orange County and its residents.

Objective CR-6:

Develop and strengthen educational programs to make history engaging to the public.

Objective CR-7:

Encourage publication of material relating to the County's heritage.

Objective CR-8:

Determine the appropriate level of heritage tourism promotion in Orange County based on interests and concerns of residents and coordinate heritage tourism efforts with existing programs in the county. (See also Economic Development Objective ED-1.7.)

Objective CR-9:

Explore ways to inform the public about archaeology, how archaeologists conduct investigations and what they do with the findings. Consider "virtual" archaeological display options to share information from County-sponsored cultural resources surveys without risking salvage concerns.

Natural & Cultural Systems Goal 6: Sustainable quality and quantity of ground and surface water resources.

Objective WR-1:

Preserve natural resources such as grasslands, woodlands and wetlands to allow for water recharge of ground water and water quality protection. (See also Natural Areas Objective NA-1.)

Objective WR-2:

Create long-term conservation programs for ground water and surface water that will help extend the life of our finite existing water supplies. (See also Water and Wastewater Objectives WW-1 and WW-11.)

Objective WR-3:

Coordinate acquisition of open space for watershed protection purposes with neighboring counties, for watersheds providing drinking water to Orange County or neighboring citizens.

Objective WR-4:

Coordinate possible nutrient trading and stormwater credits between the towns and County, including possible stream buffer acquisition or other land conservation approaches.

Objective WR-5:

Promote and participate in regional efforts to plan for use of water supplies in the region in an equitable manner, including contingency planning for water supplies during droughts. (See also Water and Wastewater Objective WW-5.)

Objective WR-6:

Ensure greater coordination among County agencies on water resources, including cooperative efforts to prevent surface and ground water pollution by addressing failing septic systems and wells. (See also Water and Wastewater Objective WW-19.)

Objective WR-7:

Promote land use patterns that preserve the natural hydrologic system and maintain a sustainable “carrying capacity” balance for the future between ground water and surface water resources (See also Land Use Objective LU-2.9.)

Objective WR-8:

Ensure that sufficient water resources are available for farms.

Objective WR-9:

Encourage and participate in efforts by the state and other regional jurisdictions to address the future use of Jordan Lake as a water supply, in a manner that links sustainable growth to future water allocation.

Objective WR-10:

Establish a county network of ground and surface monitoring wells to assist in water resources planning and drought monitoring.

Objective WR-11:

Provide incentives and educational information to landowners to increase protection of watersheds and ground water supplies and their inter-relationships.

Objective WR-12:

Prepare a new Orange County Water Supply Study, and make updated supply and demand projections that can be used to inform future decision-making.

Objective WR-13:

Create a mechanism for intergovernmental coordination of water resources, calculating a comprehensive County “water budget” approach.

Objective WR-14:

Use the new Water Supply Study (WR-11) and the State’s Neuse River Basin model (2009-10) to evaluate the Upper Eno Watershed and its optimal protection measures.

Objective WR-15:

Conduct cooperative research on ground and surface water quality, working with other partners in the County and adjoining jurisdictions to address water quality problems such as radon. (See also Air and Energy Objective AE-5.)

Objective WR-16:

Conduct additional research on well yields and wellhead protection to determine if more reliable information on well yields and wellhead protection areas can be discerned with available technology.

Objective WR-17:

Reduce the number of 303(d) impaired streams by minimizing impacts of non-point and point source pollution.

Objective WR-18:

Continue hydrogeologic characterization of the ground water system (including quantifying recharge areas), with emphasis on fractures in the crystalline rocks.

Objective WR-19:

Develop water efficiency standards for new development in order to decrease per capita water use.

Objective WR-20:

Promote Best Management Practices for new developments which minimize stormwater runoff. (See also Land Use Objective LU-2.3 and Erosion Control Objective EC-1.)

Objective WR-21:

Develop land use policies that promote a ‘no net loss’ principle for groundwater recharge, for each recharge area.

Natural & Cultural Systems Goal 7: A balanced and healthy diversity of native plant and animal populations.

Objective NA-1:

Conserve high-priority natural areas and wildlife habitats, including wetlands, rivers and streams, floodplains, steep slopes, prime forests, wildlife corridors, and other critical habitats. (See also Water Resources Objective WR-1.)

Objective NA-2:

Conduct more frequent updates to the County’s inventory of natural areas, and include previously unsurveyed areas of the County.

Objective NA-3:

Develop a more detailed and consistent methodology for monitoring changes in forest cover throughout the County, and specifically the extent of mature hardwood forest.

Objective NA-4:

Encourage adequate stormwater runoff controls in existing developed areas and require these controls for new subdivisions to protect sensitive downstream aquatic habitat. (See also Land Use Element Objective LU-2.3 and Erosion Control Objective EC-1.)

Objective NA-5:

Prohibit development that would cause adverse impacts on highly significant natural areas and wildlife habitat. (See also Land Use Objective LU-2.2 and Water and Wastewater Objective WW-14.)

Objective NA-6:

Develop a way of monitoring common indicator species as a way to measure the “state of biodiversity” in Orange County.

Objective NA-7:

Ensure that significant natural areas and wildlife habitat located on County-owned lands are protected with adequate ecosystem management practices and stewardship.

Objective NA-8:

Encourage forest management practices on both public and private land that minimize disruption and fragmentation of intact hardwood forests. (See also Agriculture Objective AG-9.)

Objective NA-9:

Encourage long-term productivity of farms and timber lands through best land-use management practices and conservation agreements. (See also Parks and Recreation Objective PR-1.1.)

Natural & Cultural Systems Goal 8: Networks of protected natural, cultural and agricultural lands.

Objective AG-9:

Encourage farmers to continue to be model environmental stewards and promote good forest stewardship management practices using state and federal programs that provide financial assistance. (See also Natural Areas, Wildlife Habitat, and Prime Forests Objective NA-8.)

Objective CR-10:

Establish a dialogue with the other jurisdictions in and adjacent to Orange County to address cultural resources in areas with or without designated Historic Preservation/District Commissions.

Objective CR-11:

Increase public information/awareness endeavors to promote land and cultural resource stewardship – for individual homes, historic farmsteads and their associated landscapes – as well as alternative means of private property dedication and preservation.

Objective CR-12:

Provide for a user-friendly public input process for systematic acquisition of and contribution to information about cultural resources

Objective NA-10:

Require that all major subdivisions (defined as having more than 5 lots according to the Orange County Subdivision Regulations) include within their boundaries open space suitable for low-impact recreation and wildlife habitat. (See also Land Use Objective LU-4.3 and Parks and Recreation Objectives PR-1.3 and PR-4.1.)

Objective NA-11:

Develop a comprehensive conservation plan for achieving a network of protected open space throughout Orange County, which addresses 1) threats to important natural areas; 2) connectivity between protected areas; 3) coordination with neighboring counties; and 4) sustainable management of critical natural resources. (See also Parks and Recreation Objective PR-5.4.)

Objective NA-12:

Establish a system of nature preserves that protect large areas of undeveloped land (including significant natural areas) surrounded by low-density development and working farms and managed forests. (See also Parks and Recreation Objective PR-5.4.)

Objective NA-13:

Promote clustering of residential development and dedication of large areas of undisturbed land for low-impact recreational use by residents and for wildlife habitat. Where feasible, these areas should be contiguous to neighboring tracts of undisturbed land. (See also Parks and Recreation Objective PR-5.1.)

Objective NA-14:

Encourage developers and neighborhood associations to protect undeveloped community open space through formal conservation agreements.

Objective NA-15:

Protect land in and around biologically significant areas, and connections between these areas, to allow for the maintenance of native wildlife and plant populations and their functional relationships.

Objective NA-16:

Create a system of public and private open space and conservation areas, including parks, nature preserves, and scenic vistas representative of the Orange County landscape. (See also Land Use Objective LU-3.10, Parks and Recreation Objective PR-5.4, and Transportation Objective T-1.5.)

Objective NA-17:

Maintain and protect land that contains valuable productive resources, such as prime farmland and prime forestland, by directing incompatible development away from these areas. (See also Water and Wastewater Objective WW-14, Land Use Objective LU-2.2, and Natural Areas Objective NA-5.)

PARKS AND RECREATION

Parks and recreation Goal 1: Adequate parks and recreational facilities for all citizens within the County, regardless of age, gender, race or disability.

Objective PR-1.1:

Acquire and /or retain public ownership of parks, recreation facilities, open space, and conservation areas that will serve Orange County. (See also Natural Areas Objective NA-9.)

Objective PR-1.2:

Acquire and/or retain lands suitable for siting both indoor and outdoor active recreation facilities to serve all Orange County residents.

Objective PR-1.3:

Develop a land use planning mechanism for securing new parks through the development approval process. (See also Natural Areas Objective NA-10 and Land Use Objective LU-4.3.)

Objective PR-1.4:

Consider alternative funding possibilities for future park facilities, such as non-profit foundations.

Parks and recreation Goal 2: A partnership among regional recreational providers and facility owners/managers, including the appropriate co-location and sharing of school facilities, that meets the County's recreation needs.

Objective PR-2.1:

The County will serve as the lead coordinator of regional open space and recreation facility providers in the County (including OWASA, UNC-Chapel Hill, and Duke University), and coordinate regional efforts including future parkland and recreation facility planning, acquisitions, and operations/maintenance of community, district, and regional park and recreation facilities.

Objective PR-2.2:

Develop a methodology to be used by regional recreational providers in determining the number of recreation and park facilities needed. The agreed upon methodology should address countywide and community-specific service areas and how needs are determined within those service areas, such as linking facility needs to population growth.

Objective PR-2.3:

Develop a program for land dedication/recreation payment that is effective and comprehensive.

Objective PR-2.4:

Establish a mechanism to promote shared use of existing public and institutional buildings and grounds for public recreation, as well as for their primary uses. (See also Education Objective E-2.)

Objective PR-2.5:

Adopt criteria for evaluating potential land acquisitions for recreation and park facilities in cooperation with other regional park providers.

Objective PR-2.6:

Develop a Memorandum of Agreement among the local governments on joint capital and/or operational funding for future parks and recreational facilities. (See also Education Objective E-2.)

Parks and Recreation Goal 3: Recreational facilities available for the public use in a manner that is multi-generational and accessible to all County citizens at both the countywide and community levels.

Objective PR-3.1:

Locate parks and recreational facilities close to residential areas and transportation nodes, to increase public knowledge and accessibility to these facilities, including alternative transportation modes.

Objective PR-3.2:

Implement individual park master plans, such as the 2006 Fairview Park Master Plan.

Objective PR-3.3:

Create a new Parks and Recreation Facilities Master Plan Map, to guide future parks planning and help leverage outside funding.

Parks and Recreation Goal 4: Healthy lifestyles, quality of life and community building through the provision of a variety of affordable recreational facilities and choice of leisure activities, while responding to the changing needs and interests of County residents.

Objective PR-4.1:

Developers shall provide for adequate and appropriate open space suitable for active/low-impact recreation in residential developments. (See also Natural Areas Objective NA-10.)

Objective PR-4.2:

Investigate the potential for public and/or private commercial partnerships and recreational facilities needed to serve Orange County's residents.

Objective PR-4.3:

Work to keep recreational facilities and services affordable and sustainable to the general public.

Objective PR-4.4:

Periodically survey the public, and conduct needs assessments, on recreation services.

Parks and Recreation Goal 5: Park and recreational facilities that are environmentally-responsible, and where cultural and natural resources and open space within these sites are protected.

Objective PR-5.1:

Locate parks and recreational facilities close to residential areas to encourage informal interaction with nature, encourage walkability, and create areas of wildlife habitat with appropriate recreational facilities within the more populated areas. (See also Natural Areas Objective NA-13.)

Objective PR-5.2:

Landscape parks and recreational facilities with native vegetation and minimize water use where practical. Prohibit use of known invasive non-native species in County facilities, and take steps to eradicate occurrences of same.

Objective PR-5.3:

Ensure public access to County-owned parks and nature preserves, but direct facilities and trails away from the most ecologically sensitive sites.

Objective PR-5.4:

Encourage development of a system of private open space and conservation areas, including nature preserves, parks, linear parks, and scenic vistas compatible with the character of Orange County. (See also Natural Areas Objectives NA-11, NA-12, and NA-16, and Transportation Objective T- 1.5.)

Objective PR-5.5:

Develop linear parks and rustic trails in the Rural Buffer, and explore opportunities for preservation and connectivity along other identified stream corridors.

Objective PR-5.6:

Create a new Parks and Recreation Facilities Plan Map, to guide future parks planning and help leverage outside funding.

SERVICES AND COMMUNITY FACILITIES

Services and Community Facilities Goal 1: Efficient provisions of public water and sewer service systems which are consistent with the Land Use Plan and which abide by the current Water and Sewer Management Planning Boundary Agreement, the existing Orange County-Chapel Hill-Carrboro Joint Planning Agreement and Land Use Plan, and future agreements to be negotiated among the County and public and private service.

Objective WW-1:

Maintain a sustainable and high quality supply of ground and surface water so that available resources meet existing and projected needs. (See also Water Resources Objective WR-2.)

Objective WW-2:

Coordinate the provision of potable water and sanitary sewer services with the County's Land Use Plan and Orange County-Chapel Hill-Carrboro Joint Planning Agreement and Land Use Plan, targeting these services to urban, transitional, and economic development districts in a manner that does not endanger environmental resources. (See also Land Use Objective LU-1.1, Housing Objective H-1.5, and Economic Development Objective ED-2.10.)

Objective WW-3:

Maintain and add new partners to the existing Water and Sewer Management Planning and Boundary Agreement with the Towns of Chapel Hill, Carrboro, and Hillsborough and OWASA. Work to establish similar agreements with the Cities of Mebane and Durham and Orange-Alamance Water System. (See also Land Use Objective 3.6.)

Objective WW-4:

Orange County welcomes opportunities to coordinate with Orange-Alamance Water System to plan future service areas in the County.

Objective WW-5:

Maintain a cooperative joint planning process among the County, the municipalities, and water and wastewater providers and guide the extension of service in accordance with the Comprehensive Plan, the Orange County-Chapel Hill-Carrboro Joint Planning Agreement and Land Use Plan, and the policies of the municipalities. (See also Water Resources Objective WR-5.)

Objective WW-6:

Develop and implement a process whereby the responsibilities and duties associated with the operation and management of package sewage treatment plants are specified as a requirement of the permitting process for such facilities.

Objective WW-7:

Revisit and revise the Water Sewer Management Planning and Boundary Agreement to ensure consistency with the Land Use map and land use categories. (See also Land Use Objective LU-6.2.)

Objective WW-8:

Reduce the number of requests from utility authorities and others for plan and zoning amendments needed to accommodate public water and wastewater facilities.

Objective WW-9:

Ensure that public water and sewer services are provided in those areas that can be practically and efficiently served by these facilities, as provided in the Orange County-Chapel Hill-Carrboro Joint Planning Agreement and Land Use Plan, and as delineated in the Water and Sewer Management Planning and Boundary Agreement, as well as any inter-local government agreement that implements the Agreement.

Services and Community Facilities Goal 2: Adequate, safe, and healthy groundwater withdrawal and wastewater disposal systems with minimal impacts upon water and land resources.

Objective WW-10:

Ensure that all development projects of a dense character have access to clean, safe, and reliable water supplies.

Objective WW-11:

Increase educational efforts that increase citizen understanding of water quality problems and the need for water conservation. (See also Water Resources Objective WR-2.)

Objective WW-12:

Prohibit package sewage treatment plants in the Watershed Critical Areas.

Objective WW-13:

Prohibit the establishment of public water and sewer services in the areas designated as Watershed Critical Areas, except to address emergency public health situations.

Objective WW-14:

Designate prime reservoir sites in the County, and protect those sites from adverse development. (See also Natural Areas Objectives NA-5 and NA-17 and Land Use Objective LU-2.2.)

Objective WW-15:

Prohibit commercial and industrial land uses from locating and/or expanding within identified Watershed Critical Areas. (See also Economic Development Objective ED-2.7 and Land Use Objective LU-2.5.)

Objective WW-16:

Ensure that the type of wastewater disposal facilities serving a development are appropriate given present and future demand for service, the distribution of users, and the capacity of the natural environment to absorb the impact.

Objective WW-17:

Ensure that buyers of property within the County are fully informed about the on-site sewage disposal requirements of their property.

Objective WW-18:

Allow on-site wastewater disposal in rural areas where soil conditions are acceptable. Where there are unacceptable soils, state-approved on-site sewage disposal systems shall be required.

Objective WW-19:

Establish a continuing wastewater treatment inspection program within identified Protected and Critical Water Resource Areas. (See also Water Resources Objective WR-6.)

Services and Community Facilities Goal 3: High quality educational facilities that support our diverse and growing population and present opportunities for life-long learning.

Objective E-1:

Continue the coordination of planning activities among the School Boards, Planning Boards, Planning Departments, and other jurisdictions to provide for the future space needs and appropriate location of schools to meet the long-term educational needs of Orange County residents.

Objective E-2:

Continue to work with parks and recreation providers in the County to identify opportunities for co-location and shared funding of school and public recreational “joint use” facilities. (See also Parks and Recreation Objective PR-2.4.)

Objective E-3:

Achieve an equitable distribution of educational facilities.

Objective E-4:

Develop a standard that requires residential developers to provide an adequate amount of acreage to meet future school facility needs.

Objective E-5:

Increase educational opportunities for older persons.

Services and Community Facilities Goal 4: High quality library facilities that support our diverse and growing population and present opportunities for life-long learning.

Objective L-1:

Develop a comprehensive 3-5 year strategic plan that places priority on achieving a vision of countywide equitable library services and resources for all citizens of Orange County, and identifies specific measures for implementing Library Service Standards adopted by the Board of County Commissioners.

Objective L-2:

Adopt a long-range library facility plan that takes into consideration the needs of the entire County and is based on 20-year population projections.

Objective L-3:

Establish an Orange County Heritage Center to make accessible the local history materials now located in various facilities.

Objective L-4:

Establish a branch library to serve the central west area of the County centered on Cheeks Township that will accommodate the future population growth of this area over the next 10-20 years.

Objective L-5:

Provide additional library services to people in the southwest area of the County centered on Bingham Township.

Objective L-6:

Evaluate the rural community for the establishment of cybraries or small branch libraries to provide access to library resources at these more distant sites.

Services and Community Facilities Goal 5: Efficient and effective drainage, stormwater, floodplain management, and erosion control systems.

Objective EC-1:

Continue to use Best Management Practices (BMP's) for stormwater control, as outlined within the Orange County Zoning Ordinance, Stormwater Ordinance, and Sedimentation Control Ordinance, to minimize potential adverse impacts on the water quality. (See also Land Use Objective LU-2.3, Natural Areas Objective NA-4 and Water Resources Objective WR-20.)

Objective EC-2:

Protect and maintain the chemical, physical, and biological quality and integrity of water supply reservoirs.

Objective EC-3:

Prohibit activities that adversely affect surface and ground water systems that may serve or do serve as a public water supply.

Objective EC-4:

Use low-impact stormwater design principles when developing new or retrofitting existing drainage systems that do not functionally approximate the natural drainage pattern.

Objective EC-5:

Minimize sedimentation and erosion to reduce the transport of sediment and pollutants to surface waters.

Objective EC-6:

Protect and maintain the existing aquatic, riparian and terrestrial habitats-of fish and wildlife.

Objective EC-7:

Prevent flood damage to public and private property.

Objective EC-8:

Protect the absorptive, purifying and retentive functions of the natural systems existing in the County.

Objective EC-9:

Provide educational materials and programs to school groups, civic groups, developers and interested citizens about water quality protection.

Objective EC-10:

Develop programs and incentives that encourage the implementation of Best Management Practices, Low Impact Design, and on-site capture of stormwater in development projects.

Services and Community Facilities Goal 6: Less solid waste per capita with cost effective and environmentally responsible disposal and management.

Objective SW-1:

Continue to affirm, support, and work towards achieving a 61% waste reduction goal adopted by the County in 1997.

Objective SW-2:

Encourage the recycling of solid waste, including but not limited to the preference for deconstruction practices over demolition, to minimize waste disposed of in landfills.

Objective SW-3:

Evaluate the solid waste collection system presently used by the County in terms of efficiency and long-term sustainability. Recommend alternative systems or means to improve the existing system based on this evaluation.

Objective SW-4:

Use land use planning, zoning regulations, and the process of development approvals to enable the appropriate environmental controls and oversight of necessary solid waste facilities. (See also Land Use Objective LU-4.2.)

Objective SW-5:

Require new construction and substantial remodeling of non-single family property to set-aside adequate space and access for solid waste management and recycling materials storage on site.

Objective SW-6:

Work with municipalities in Orange County to review development proposals to ensure that adequate space for solid waste management facilities is included within site plans.

Services and Community Facilities Goal 7: Efficient and effective public safety including, police, fire, telecommunications, emergency services, and animal services.

Objective PS-T-1:

Ensure the provision of adequate public safety protection standards for residential, commercial, and industrial development.

Objective PS-T-2:

Ensure that all state roads in the County receive non-duplicated names to be posted on signs at intersections and that all houses are numbered in order to improve the response times of law enforcement and emergency vehicles. (See also Transportation Objective T-2.3.)

Objective PS-T-3:

Establish and maintain an appropriate level of service for law enforcement and emergency services and ensure the provision of adequate public safety protection standards for residential, commercial, and industrial development throughout the County.

Objective PS-T-4:

Maintain high levels of cooperation and sharing of equipment among all departments and agencies involved in law enforcement, public safety, crime prevention, fire protection, and emergency services to assure a high level of service in a cost effective manner.

Objective PS-T-5:

Include in applied site design standards for residential, commercial, and industrial development, appropriate road design standards to ensure adequate law enforcement and emergency vehicle access to the development. (See also Transportation Objective T-2.3.)

Objective PS-T-6:

Develop a mechanism for cooperation with telecommunication facilities stakeholders regarding the siting and design of towers.

Objective PS-T-7:

Manage the number of future wireless telecommunication facilities by identifying preferred locations capable of accommodating service Countywide.

Objective PS-T-8:

Encourage the expansion of affordable, high-speed Internet access, fiber-optic lines, and other high-speed communication networks to rural and underserved areas.

Objective PS-9

Maintain a radio communication system that ensures reliable notification and oversight of emergency assets, such as personnel, vehicles, and response equipment, throughout Orange County and inter-operability of communication among jurisdictions.

TRANSPORTATION

Transportation Goal 1: An efficient and integrated multi-modal transportation system that protects the natural environment and community character.

Objective T-1.1:

Increase the occupancy of automobiles through ridesharing and other means; and expand the use of public transit (including bus and rail), walking, and biking as primary modes of travel. (See also Economic Development Objective ED-2.3.)

Objective T-1.2:

Facilitate the overall development and use of a transportation system that is more energy-efficient, reduces carbon emissions, and reduces the use of fossil fuels while promoting the use of local renewable and sustainable fuels.

Objective T-1.3:

Develop new transportation facilities in a manner that has a positive impact or avoids negative impacts on the natural environment, including air quality, water resources, biological resources, and wildlife habitat.

Objective T-1.4:

Develop new transportation facilities in a manner that has a positive impact or avoids negative impacts on the community, including historical or cultural assets, existing neighborhoods, schools and recreational facilities, and the overall rural character in Orange County.

Objective T-1.5:

Identify prime view sheds along major transportation corridors and protect these areas for their scenic and natural resource values. (See also Parks and Recreation Objective PR-5.4.)

Objective T-1.6:

Expand the availability and use of public transportation (including bus and rail) throughout the County to provide better connections between employment centers, shopping and service locations, and other key points of interest in both urban and rural areas, particularly for the County's senior and disabled populations and others without access to automobiles.

Transportation Goal 2: A multi-modal transportation system that is affordable, available, and accessible to all users and that promotes public health and safety.

Objective T-2.1:

Increase the provision of bikeways and walkways, and also increase supportive facilities such as bicycle parking zones.

Objective T-2.2:

Evaluate and serve special transportation needs of the senior population, youth, the economically disadvantaged and the disabled, including both everyday needs and disaster transit provision.

Objective T-2.3:

Increase countywide access for emergency vehicles, including ways to improve response times, both for existing and new developments. (See also Services and Community Facilities Objectives PST-2 and PST-5.)

Objective T-2.4:

Improve the provision of public transit facilities and services, and also increase supportive facilities for transit, such as park and ride lots.

Objective T-2.5:

Improve public education and advertising of existing transit services.

Objective T-2.6:

Increase safety awareness between car drivers and bicycle riders, and increase safety for pedestrians.

Objective T-2.7:

Construct bicycle facilities in Orange County that will make cycling safer, more convenient, and more efficient.

Transportation Goal 3: Integrated land use planning and transportation planning that serves existing development, supports future development, and is consistent with the County's land use plans which include provisions for preserving the natural environment and community character.

Objective T-3.1:

Improve the County's transportation system by first enhancing existing facilities as opposed to developing new facilities.

Objective T-3.2:

Create and implement an Orange County Comprehensive Transportation Plan that provides the framework for a comprehensive and connected transportation system supporting a mix of all transportation modes, including sidewalks and bicycle facilities, bus and rail transit facilities, and highways. The plan should be coordinated with the goals and objectives of this Comprehensive Plan and seek to maintain and enhance community character and the natural environment.

Objective T-3.3:

Determine the policies to guide connectivity within and between residential developments based on their impact on neighborhood character.

Objective T-3.4:

Direct development to higher density mixed-use districts along transit corridors and make necessary multi-modal transportation improvements to service lands that are slated for future intense development, such as Economic Development Districts.

Objective T-3.5:

Use innovative techniques to increase mobility and reduce rush hour congestion.

Transportation Goal 4: A countywide and regionally-integrated, multi-modal transportation planning process that is comprehensive, creative and effective.

Objective T-4.1:

Work with nearby jurisdictions to integrate the County's transportation plans with those of other transportation planning agencies and service providers in Orange County and the Triangle region. The resulting intermodal transportation system should reflect regional goals and objectives to meet projected travel demand and to reduce congestion and reliance on single occupancy vehicles.

Objective T-4.2:

Plan and integrate the County's multi-modal transportation routes and services with regional transportation agencies and transit service providers, agencies and transit providers in neighboring counties, the North Carolina Department of Transportation, Amtrak, and the North Carolina Railroad.

Objective T-4.3:

Revive rail transportation in Orange County and the Triangle region.

NCDOT DIV 7 PROJECTS LOCATED IN DCHCMPO

TIP/WBS #	Description	Start/Let date	Completion Date	Status	Cost	Comments
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	10/31/2016	Clearing and grading underway, coordinating utility relocation	\$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	Traffic signal installation - 90% Complete , Signal has been placed on flash	\$5,000 PE \$45,000 R/W \$67,000 CON	State Spot Safety, Constr. By State Forces, Final signal plans have been received
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.	Sept. 2016	Spring 2017	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: Fall 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	Under construction - 20% complete	\$2,170,000	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, DMP
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, DMP
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 October 2016, Public comments have been received	\$775,000	STIP, P3.0,PEF-SEPI, DMP



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>
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	89.00	83.83
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	93.64	100.00
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	18.40	13.12
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	22.00	53.01
C203709		22 SECTIONS OF SECONDARY ROADS.	CAROLINA SUNROCK LLC	Kirkman, PE, Christopher D	\$1,815,023.60	04/15/2016	05/05/2016	11/20/2016	72.00	77.91
DG00277		US 15-501, NC 86, SOUTH ROAD	CAROLINA SUNROCK LLC	Kirkman, PE, Christopher D	\$1,259,259.61	04/15/2016	05/18/2016	11/18/2016	100.00	83.06
DG00298	P-4405I	PASCHALL DRIVE FROM GORDON THOMAS DRIVE TO SR 1841 AND GREENBRIAR TRIAL TO SR 1846, REMOVE R/R CROSSINGS	TRIANGLE GRADING & PAVING INC	Kirkman, PE, Christopher D	\$1,493,600.00	06/06/2016	06/10/2016	06/06/2017	12.84	14.44
DG00298	P-4405J	PASCHALL DRIVE FROM GORDON THOMAS DRIVE TO SR 1841 AND GREENBRIAR TRIAL TO SR 1846, REMOVE R/R CROSSINGS	TRIANGLE GRADING & PAVING INC	Kirkman, PE, Christopher D	\$1,493,600.00	06/06/2016	06/10/2016	06/06/2017	12.84	14.44
DG00299		22 SECTIONS OF SECONDARY ROAD IN SOUTHEASTERN ORANGE COUNTY	CAROLINA SUNROCK LLC	Kirkman, PE, Christopher D	\$1,331,325.36	06/01/2016		11/17/2017		
DG00302	P-4405K	EXTEND BRYDSVILLE ROAD TO NC 86 AND REMOVE RAIL CROSSING	TRIANGLE GRADING & PAVING INC	Kirkman, PE, Christopher D	\$1,683,900.00	07/01/2016		12/30/2017		

**ORANGE COUNTY
ORANGE UNIFIED TRANSPORTATION BOARD (OUTBoard)
ACTION AGENDA ITEM ABSTRACT
Meeting Date: September 21, 2016**

**Action Agenda
Item No. 5.e.**

SUBJECT: OUTBoard Rules and Procedures

DEPARTMENT: Planning

ATTACHMENT(S):

1. Agenda materials presented to the Board of County Commissioners on September 6, 2016

INFORMATION CONTACT:

Abigaile Pittman, Transportation/ Land Use Planner, 919-245-2567
Tom Altieri, Comprehensive Planning Supervisor, 919-245-2575

PURPOSE: To receive a staff update on a revision to the OUTBoard Rules and Procedures

BACKGROUND:

The OUTBoard Rules and Procedures were revised by the Board of County Commissioners (BOCC) on September 6, 2016. The revision changed the OUTBoard's meeting time from 7:00 p.m. to 6:30 p.m., as requested by the OUTBoard at its June 15, 2016 meeting. Staff has provided a copy of the agenda materials presented to the BOCC (Attachment 1). Staff will provide a copy of the revised Rules and Procedure to the OUTBoard at its November 16 meeting.

RECOMMENDATION: The staff recommends that the OUTBoard receive the updates.

**ORANGE COUNTY
BOARD OF COMMISSIONERS**

ACTION AGENDA ITEM ABSTRACT

Meeting Date: September 6, 2016

**Action Agenda
Item No.** _____

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

DEPARTMENT: Planning and Inspections

ATTACHMENT(S):

1. Proposed revision to OUTBoard Rules and Procedures

INFORMATION CONTACT:

Abigaile Pittman, Transportation/Land Use Planner, 919-245-2567
Tom Altieri, Comprehensive Planning Supervisor, 919-245-2579
Craig Benedict, Planning Director, 919-245-2592

PURPOSE: To consider an amendment to the OUTBoard-specific Rules and Procedures to revise its meeting time.

BACKGROUND: On June 15 the OUTBoard unanimously recommended revising the starting time of its meetings from 7:00 p.m. to 6:30 p.m., reducing the lag time between the end of the typical work day at 5:00 p.m. and the start of the meeting, and allowing members to get home earlier. 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, a revision to 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 - The following Orange County Social Justice Goal is applicable to this agenda item:

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

Item 5.e.: Revision to OUTBoard Rules and Procedures (6:30 p.m. meeting time) finalized by Board of County Commissioners on September 6, 2016

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 Manager recommends that the BOCC approve the proposed amendment to the OUTBoard 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

1. 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~~ 6:30 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.