AGENDA
Orange Unified Transportation Board
February 17, 2016
7:00 p.m.

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

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

Time	Item	Title
7:00	1.	**Call to Order and Determination of Quorum**
7:05	2.	**Approval of Minutes from August 19 , 2015**
7:10	3.	**Consideration of Additions to the Agenda**
7:15	4.	**Transit Services/Orange Public Transportation (OPT) – Materials for items in this section will be provided at the meeting.**

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.

4.a. **OPT Quarterly Operational Statistics Report** (Peter Murphy) – Update on Quarterly Operational Statistics relative to performance goals.

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

4.b. **OPT Five-Year Plan for Bus Replacement** (Peter Murphy) – Review of Five-Year Bus Replacement Plan, including financial assumptions.

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

4.c. **Review and Prioritization of OPT Bus Stop Improvements** (Peter Murphy): Review and prioritization of improvements proposed for new bus stops for OPT route expansions, to be provided as funding is available.

OUTBoard/Transit Services Action: Receive and review information, provide comments and recommendations on prioritization.

4.d. **OPT Transportation Barriers** (Peter Murphy): Discussion of how information on transportation barriers can best be collected, and development of strategies for addressing.

OUTBoard/Transit Services Action: Discuss and provide comments.

4.e. **North Hillsborough Park-and-Ride Replacement** (Peter Murphy): Review of replacement proposal for the Maxway/North Hills Shopping Center Park-and-Ride in north Hillsborough.

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

4.f. **Transit Advisory Services (TAS) Comments/Questions** (Peter Murphy): Opportunity for TSB members to offer transit related comments and ask questions.

OUTBoard/Transit Services Action: Provide comments and questions, receive feedback.

5. **Regular Agenda (Action Items)**

8:00 5.a. **Bicycle Safety** (Abigaile Pittman) – Determination of Bicycle Task Force membership, charge and initial term.

OUTBoard Action: Receive and review information, provide comments and recommendations on Task Force membership, charge and initial term

8:45 6. **Staff Updates** (Abigaile Pittman) – Handouts included in packet

a. Revision to OUTBoard Policies and Procedures
b. Complete Streets for Seniors (Heidi Perry, verbal update)
c. NCDOT Division 7 projects located in DCHC MPO
d. NCDOT FY 2016-2017 and 2017-1018 Orange County Maintenance Resurfacing
e. Feb. 9 BOCC Review of Boards/Commissions' Annual Work Plans/Reports
f. Mebane Comprehensive Transportation Plan (CTP)
g. NC 54 Corridor Feasibility Study
h. Collins Ridge development, Hillsborough

OUTBoard Action: Receive information.

8:55 7. **Board Comments**

9:00 8. **Adjournment**

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

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

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

C. Date, Time, and Location of Regular Meetings

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

MINUTES
ORANGE UNIFIED TRANSPORTATION BOARD
NOVEMBER 18, 2015

MEMBERS PRESENT: Alex Castro, Bingham Township Representative; Heidi Perry, At-Large Representative; Ed Vaughn, Cedar Grove Township Representative; Gary Saunders, At-Large Representative; David Laudicina, At-Large Representative; Amy Cole, At-Large Representative, Tom Magnuson, At-Large Representative; Brantley Wells, Hillsborough Township; Ted Triebel, Little River Township Representative; Representative; John Rubin, At-Large Representative

MEMBERS ABSENT: Jeff Charles, At-Large Representative; Art Menius, At Large Representative; Eno Township Representative - Vacant;

STAFF PRESENT: Craig Benedict, Planning Director; Abigaile Pittman, Transportation/Land Use Planner; Peter Murphy, OPT Transportation Administrator; Malcum Massenburg, OPT Transportation Asst. Administrator; Janet Sparks, Child Support Director; Lisa Berley, Aging Dept.; Meredith McMonigle, Health Dept.; Serena McPherson, Dept. of Social Services; Meredith Pucci, Administrative Assistant II

OTHERS PRESENT: Paul Guthrie

AGENDA ITEM 1: CALL TO ORDER AND ROLL CALL

AGENDA ITEM 2: INTRODUCTION OF NEW BOARD MEMBERS AND ADDRESS FROM OUTGOING CHAIR

Board members and staff made introductions.

Paul Guthrie thanked the OUTBoard and staff and gave thoughts and advice to the members and staff on his opinion on transportation issues and what he thinks needs to be the focus going forward.

AGENDA ITEM 3: APPROVAL OF MINUTES FOR AUGUST 19, 2015

Minutes were approved with corrections by consensus.

AGENDA ITEM 4: CONSIDERATION OF ADDITIONS OF THE AGENDA

Craig Benedict noted that in working with the City of Mebane to create a new Mattress Factory Road exit on I-85/I-40 between Buckhorn Rd. and Mebane Oaks Rd. preliminary traffics studies need to be done. The City of Mebane is undertaking a Comprehensive Transportation Plan that includes the Mattress Factory Road interchange. Funding sources for the plan include $30,000 from the City of Mebane. The Burlington Graham Metropolitan Planning Organization (BG MPO) has endorsed the study.

AGENDA ITEM 5: 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 5A: <u>ORANGE COUNTY PUBLIC TRANSPORTATION ASSESSMENT STUDY – OCTOBER 2015</u>
Update on a recently released Orange Public Transit (OPT) assessment funded by the North Carolina Department of Transportation (NCDOT) Public Transit Division (PTD) and prepared by KFH Group, Inc.
OUTBoard/Transit Services Action: Receive information.

Peter Murphy shared that the assessment study prepared by KFH group, the consultants hired by NCDOT to review Orange County public transportation, is working on the study's final version and there are a few changes still coming. He gave an overview of it to the Board.

Heidi Perry asked Peter what Light Transit Vehicle meant.

Peter Murphy responded that Light Transit Vehicle (LTV) is the mid-size bus. The seating can range from 14 to 24 passengers.

Erle Smith asked about driver population.

Peter Murphy replied that they recently added 7 drivers and now are up to 15 and will be hiring more which will coincide with future additional service.

Alex Castro asked about coverage for the dispatch function if the only employee in that position is out.

Peter Murphy responded that they are a small operation and right now he and Malcolm are in the office along with two other people and everyone does crossover functions. They may be looking at adding additional personnel in the new budget year.

Erle Smith asked what the utilization rate is for drivers and vehicles across the 12 hour time frame.

Peter Murphy noted that using the software they can predict that and noted things will be tweaked to merge them together. The drivers don't do just one thing all day. The bulk of the work right now is demand response. Taking people to doctor appointments and this varies.

Heidi Perry asked about the life expectancy for a bus.

Peter Murphy responded that it is probably 4 to 5 years.

Alex Castro asked if the replacement cycle is 4 years.

Peter Murphy noted it is predicted based on mileage.

Ted Triebel asked if it is cost effective.

Peter Murphy noted that information will be part of the next quarterly meeting.

Heidi Perry asked how they are getting the word out.

Peter Murphy noted that so far it is done internally through the media department.

Heidi Perry commented about whether advertising could be put in place with the hospital and court systems, etc., giving people information about the availability of transportation between Chapel Hill and Hillsborough.

Alex Castro commented that the Dept. of Aging is working on this too.

Ted Triebel asked what the drivers are paid.

Peter Murphy responded that most drivers earn between $13 to $17 an hour. The starting rate is better than most in the area. The drivers of the larger buses like they have in Chapel Hill do get paid more.

AGENDA ITEM 5B: OPT OPERATIONAL STATISTICS:

i. Rural Operating Assistance Program (ROAP) Grant
ii. North Carolina Community Transportation Program (CTP) Grant
iii. Congestion Mitigation and Air Quality (CMAQ) award from the North Carolina Department of Transportation (NCDOT) Transportation Planning Branch.

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

Peter Murphy reviewed the ROAP grant.

Alex Castro asked if the funds will come through the MPO

Peter Murphy agreed but noted that planners will have to be at the table to represent OPT. If not we lose funding.

Abigaile Pittman commented that Bret Martin had put together the application for the CMAQ funding.

Peter Murphy reminded the members that we fall into the middle of two MPOs so representation is needed at both MPOs to make sure we are getting our funds.

AGENDA ITEM 5C: OPT EXPANSION SERVICES UPDATES:

i. New buses for expansion services
ii. New employees for expansion services
iii. Start date for new expansion services/routes
iv. Hillsborough park n' ride

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

Peter Murphy reviewed items.

Alex Castro commented that outreach needs to have greater effort for expansion services. A media campaign, possibly social media is needed.

John Rubin asked if the OUTBoard members will be getting quarterly reports on transit. He noted that it is a lot of information and while very helpful it would be more helpful if the report included the principle challenges being faced and the assistance needed from this Board, addressing what feedback or support is needed.

Heidi Perry asked if there was a requirement that the Board have a quarterly update.

Peter Murphy replied that there is a requirement that there be a quarterly meeting not necessarily a report or an update. He noted that they will be looking for more feedback as things progress, and NCDOT is going for a more performance evaluation model so one thing for next quarter will be to have goals and targets that are measured. Those will be easy to share with the OUTBoard.

AGENDA ITEM 5D: TRANSIT ADVISORY SERVICES (TAS) COMMENTS/QUESTIONS – Opportunity for TSB members to offer transit related comments and ask questions.

OUTBoard/Transit Services Action: Provide comments and questions, receive feedback.

Meredith McMonigle commented that the Health Department was interested in coming to the quarterly meetings because they work with families and hear a lot about transportation barriers. She would like to share that information with the group.

Peter Murphy replied that this meeting venue is perfect for that. He noted that departments meet and discuss transportation but OPT is not present at those meetings and often does not get the feedback they need.

Meredith McMonigle noted that they are working with those that use and need the services, and working together to address some of these needs and barriers is important.

Peter Murphy agreed.

Abigaile Pittman suggested it would be a good subject for a follow-up special meeting.

REGULAR AGENDA

AGENDA ITEM 6: STAFF UPDATES

OUTBOARD INPUT FOR COUNTY COMMISSIONERS' ANNUAL PLANNING RETREAT
Discussion and completion of the activities and emerging issues lists for 2016, to be included in the BOCC Annual Planning Retreat Input Form.
OUTBoard Action: Review, comment and recommend the activities and emerging issues lists for 2106, to be included in the BOCC Annual Planning Retreat Input Form.

Abigaile Pittman reviewed the annual work plan and focus for next year.

Heidi Perry related that she was under the impression from the Commissioners that the Board could add things to the agenda that they want to study for the year and that it didn't have to come from the BOCC.

Abigaile Pittman asked if she was talking about bicycle safety.

Heidi Perry referred to the language that says if directed by the BOCC and elaborated that her understanding from them was that they can actually add topics the Board wants to address or study.

Abigaile Pittman responded that bicycle safety is addressed under the emerging issues section of the input report because staff has not yet received specific direction from the BOCC, but expects that will happen in 2016.

Heidi Perry asked about the BOCC's request for additional work on bicycle safety.

Abigaile Pittman continued, stating that the BOCC asked staff to return to them with a recommendation about creating a task force versus subcommittee, and what staff recommends the charge would be and how to proceed in operating, and what level of staff involvement is needed. This will be happening early next year, after the holiday break.

Alex Castro asked if that is not part of the last page that asks what are the concerns.

Abigaile Pittman responded that it is an item that hasn't become a fully developed staff project yet but they think it is moving in that direction.

Alex Castro asked about signage for bus stops.

Peter Murphy replied that they have been adding stops and on the signs they have added it includes the bus schedules, what routes it serves and if it is served by multiple routes. At present for the circulator routes they have signs up at 16 of the 23 stops. Some are missing poles and they have been ordered. He thinks they will all be up within a couple of weeks and then they will work on the new routes.

It was agreed by all that the emerging issues list should include a recommendation to identify major route stops requiring bus stop amenities.

Alex Castro asked if copies of schedules would be available on the buses so people could have the various times and stops.

Peter Murphy replied that they should be able to get that from any of the bus drivers and also at all the senior centers.

Alex Castro commented that he wanted to add the light rail issue to the work plan so that if funding doesn't come in, alternative transportation improvements needs could be studied. He referred to the commuter rail in Wake County.

David Laudicina added that is the same thing just rapid transit as opposed to light rail transit.

Alex Castro replied that it already exists. The infrastructure is in place for commuter rail.

David Laudicina responded that if you do light rail you are going to have to put up tracks and if you do commuter rail you need to install a second track if you are going to do it right. The commuter rail is on NCRR right-of-way. He added that the advantage to it is that if it gets to Durham, how soon will it get to Hillsborough, how soon will it get to Mebane and Efland and Greensboro. You could conceivably commute anywhere between High Point and Raleigh on a daily basis.

Heidi Perry noted you can take it from Cary and Raleigh on Amtrak. She asked if it should be added as number eight to reevaluate transit options particularly if light rail funding falls through and asked it that is the only time they should consider it.

Alex Castro replied that it would be a good one and could include Bus Rapid Transit (BRT) or commuter rail as an alternative.

Erle Smith added that it won't be easy because it would probably mean starting all the way back at the beginning and going through the whole federal thing. They are well along the way for the light rail and if you go back to the beginning you are starting all over again. He added that the plan was commuter rail at one time and that went away. He added that BRT requires infrastructure and that means you have to build the infrastructure between Chapel Hill and Durham. He noted that the people of Orange County voted for the sales tax on the premise it would be for the purpose of light rail.

Heidi Perry commented that since they don't know what will happen with the funding, if the cap is lifted and the study they did may have some problems with it too. She asked if it should be included or not.

Abigaile Pittman replied that if it is added as number 8 it be very generic.

Ted Triebel commented that his reading is the funding for light rail will up in the air for a year or two. He doesn't think it is realistic to think that funding in 2016 is going to go away.

Heidi Perry suggested that it not be added and if it falls through it can be added.

The consensus was not to add the item to the list.

Heidi Perry asked if there is always a public hearing every year for transit.

Peter Murphy replied that the BOCC will have a hearing but the hearing they did here last year was because of a change. He informed the Board they have to because one of the grants requires it.

Ted Triebel noted that he thought number three for shelters and benches was going to be brought before the BOCC in 2015. He wondered what needs to be done to stress that this is something that needs to get done.

Abigaile Pittman responded that it was a matter of prioritizing funding for the initialize starting on the bus routes.

Ted Triebel noted that it needs to be done and put into the funding and the budget. He added that if it doesn't get put in the budget it won't be funded.

Heidi Perry suggested making a recommendation. She noted that they can go ahead and prioritize the ones they think need it the most and present it as a report and if there is no funding then either it gets left until next year or they fund it as they have money. She added that they could have the list ready so they don't have to wait until there is funding and then go back and make the list.

The consensus was to create a priority list.

The board voted unanimously to approve the annual work plan with a word change in the emerging issues list to include a recommendation to identify major route stops requiring bus stop amenities.

AGENDA ITEM 7: STAFF UPDATES (ABIGAILE PITTMAN)

A. Highlights of the NCDOT/Orange County luncheon meeting (October 19, 2015)
B. State Transportation Improvement Program (STIP) Development Process
C. Bicycle Safety Plan
D. Request for Qualifications & Proposals Conceptual Design – Train Station Hillsborough, NC
E. Piedmont Triad Freight Study

OUTBoard Action: Receive information.

Abigaile Pittman amended the update due to time and gave a quick update on items.

AGENDA ITEM 8: YEARLY ELECTION OF CHAIR AND VICE CHAIR

OUTBoard Action: Elect Chair; elect Vice Chair

Ted Triebel nominated Alex Castro

Alex Castro declined and nominated Heidi Perry

John Rubin seconded

Heidy Perry was elected OUTBoard Chair by unanimous vote

Heidi Perry asked for nominations for Vice Chair

John Rubin nominated Alex Castro

Ted Triebel seconded

Alex Castro was elected Vice-Chair by unanimous vote

AGENDA ITEM 9: ADJOURNMENT

The meeting was adjourned by consensus.

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Heidi Perry, Chair

ORANGE COUNTY
ORANGE UNIFIED TRANSPORTATION BOARD (OUTBoard)
ACTION AGENDA ITEM ABSTRACT
Meeting Date: February 17, 2016

Action Agenda Item No. _____

SUBJECT: Bicycle Safety Task Force

DEPARTMENT: Planning and Inspections **PUBLIC HEARING: (Y/N)** N

ATTACHMENT(S):
1. Bicycle and Pedestrian Safety Report

INFORMATION CONTACT:
Abigaile Pittman, 245-2567
Tom Altieri, 245-2575
Craig Benedict, 245-2585

PURPOSE: Determination of Bicycle Safety Task Force composition membership, charge and term.

BACKGROUND: On January 11, 2015, the County Manager met with staff, OUTBoard Chair, and Sheriff. It was agreed that the best way to implement recommendations of the Bicycle Safety Report would be through a Task Force with a defined charge and set term. It was also agreed that the general focus of the Bicycle Safety Task Force should be on education and communication. The Manager requested that the OUTBoard develop recommendations for the membership composition, charge and initial term of a Bicycle Safety Task Force. Staff was instructed to bring the OUTBoard's recommendations back to the Commissioners at its March 1, 2016 meeting.

The BOCC previously considered supporting efforts to increase safety awareness between motorists and bicyclists, roadway safety improvements for bicyclists, and implementation of next steps at its November 5, 2015 meeting. Minutes from this meeting may be reviewed online at the following link:
http://server3.co.orange.nc.us:8088/weblink8/0/doc/40032/Page1.aspx

A copy of the OUTBoard Bicycle and Pedestrian Safety Report and Minutes may be reviewed at the following link to the BOCC's June 16, 2015 meeting:
http://server3.co.orange.nc.us:8088/weblink8/0/doc/38097/Page1.aspx

Task Force Recommendations Offered by the OUTBoard Chair:

A. Size and Composition –
   1. No larger than 15 people total
   2. Stakeholders from each of the groups recommended in the Bicycle Safety Report be included in the membership:

a. Law enforcement agencies (Sheriff's Department, Highway Patrol)
b. School representatives
c. Orange County Visitor's Bureau
d. NCDOT staff
e. County and regional planning staff
f. Elected representative(s)
g. County businesses
h. Bicycle advocacy groups
i. Those who work with driver's education classes and traffic offenders
j. Up to six (6) additional interested citizens, especially those with knowledge of current bike laws or cycling credentials

B. Appointment – The Bicycle Safety Task Force shall be appointed by the BOCC. The staff shall return to the BOCC in May with a recommended list of names to be appointed to the Task Force.

C. Term – The Bicycle Safety Task Force shall operate for a term not to exceed two (2) years from the date of approval of this Resolution.

D. Charge – The charge of the Bicycle Safety Task Force shall be the following;
1. Develop a campaign for bicycle safety education and research;
2. Develop an implementation timetable with estimated funding request information within the first 5 meetings, and present it to the OUTBoard for review and recommendation, and review and approval by the BOCC;
3. Develop an implementation report and present it to the OUTBoard for review and recommendation, and review, approval and funding commitment by the BOCC; and
4. At the conclusion of the term of the Bicycle Safety Task Force and completion of its report to the BOCC, the OUTBoard recommends that a subcommittee be formed to oversee the ongoing implementation of the Bicycle Safety Task Force report.

RECOMMENDATION(S): Staff recommends the OUTBoard:

1. Receive and review the information;
2. Make a recommendation regarding the Bicycle Task Force membership composition, charge and term; and
3. Forward the recommendation to the BOCC for review at its March 1, 2016 meeting.

Attachment 1

INTRODUCTORY STATEMENT

At the Mar. 18 meeting of the OUTBoard, the Staff (Abigaile Pittman) presented the Staff's plan to address the Board of County Commissioner's Petition of November 12, 2014, instructing Staff to address Bicycle and Pedestrian Safety in Orange County. The Petition outlined the following objectives:

- Review County authority and State law
- Provide copy of County-endorsed bicycle routes (map)
- Get updated on topic and recent activities
- Define current problem statement
- Create broad categories for addressing problems (education; law enforcement; NCDOT; etc.)
- Suggest/recommend policies, procedures, etc. for addressing problem
- Identify agencies, County departments, etc. for addressing problem

The OUTBoard was charged with preparing a report to the Board of County Commissioners, deliverable at the BOCC's first meeting in June 2015.

In order to come up with a report that could be discussed, revised, and approved by the OUTBoard at its May 20 meeting, a subcommittee of the OUTBoard and interested citizens was formed. The subcommittee included OUTBoard members Alex Castro, Heidi Perry, Tom Magnuson, and citizens John Rees, Jeff Charles, Gail Alberti, and Cliff Leath. The report attached is the final draft for the May OUTBoard meeting.

Orange United Transportation Board Report to the Orange County Board of County Commissioners on Bicycle and Pedestrian Safety in Orange County

Charge 1. Review County Authority and State Law.

In view of **NC House Bill 232** ("*An act to direct the Department of Transportation to study the bicycle safety laws in this state and make recommendations as to how the laws may be revised to better ensure the safety of bicyclists and motorists on the roadways.*"), which was passed by the House and is currently going through the state Senate, the OUTBoard recommends waiting to hear the outcome of that bill before putting a lot of time into reviewing the State laws. (NOTE: Because much of our report pertains to rural parts of the county, the focus is mainly on cycling, though through education efforts, the importance of walking on the correct side of the road and visibility at night can be done through posters and more.)

However, regardless of the outcome of HB 232, people who drive or cycle in Orange County could be better educated on the current laws, and methods of doing that should be put into place now. (See Charge 5, no 1)

Charge 2. Provide copy of County-endorsed bicycle routes (map).

Many if not most rural recreational cyclists find riding routes via online services such as Map My Ride,[1] or through cue sheets provided by clubs such as the Carolina Tarwheels. Even NC DOT is currently in the process of making the statewide bicycling maps available electronically at WalkBikeNC.[2] The website is currently under development, but will be an interactive site where cyclists will be able to find, create, or comment on routes around our state.

1. It would be useful to have an online map available for Orange County that pointed out potentially hazardous spots or areas of high traffic to cyclists. This information could be included in the print version of the Orange County cycling map when it is updated. The state laws for cyclists should be included both on an online map website and on the updated print map.
2. We recommend the county also look into providing an app version of the map (in addition to an online version of the map) for the use of cyclists who do not have easy access to a printed map and who are accessing routes through small mobile devices.

Charge 3. Give update on topic and recent activities.

The most recent and possibly most affecting recent activity is state House Bill 232 which was passed by the House in early April and described above. The Senate has referred the bill to the committee on rules and regulations. The OUTBoard would recommend waiting until the outcome of this bill is known before creating too many printed materials with the state laws on them. If the bill is passed by the Senate as currently proposed, the committee that will be formed will be asked to provide recommended legislation to the Senate and House by the end of 2015.

In a recent related activity, the OUTBoard was presented with a list of resurfacing projects at its April meeting, and it endorsed the DCHC MPO's requests for wide shoulders as a part of the resurfacing on the following roads: Old NC 86 from Farm House Drive to New Hope Church Road, Arthur Minnis Road from Old NC 86 to Rocky Ridge Road, New Hope Church Road from Old NC 86 to NC 86. In addition, the OUTBoard endorsed the Staff's request for wide shoulders on Walker Road from NC 57 to New Sharon Church Road, and on Lake Orange Road from NC 86 to the End of Maintenance on that road.

Charge 4. Current problem statement.

The problem is how to ensure the safety of all users of roads in our county. The majority of the cyclists and motorists are respectful of each other on our county roads. There are some in each of these categories, however, who allow feelings of entitlement to the road to overtake their good sense, and it is in those situations that conflicts between the two groups can occur.

The OUTBoard would like to see the county embrace, promote, and fund programs that could help mitigate these conflicts. First and foremost in these efforts would be a program to educate the public on the laws, and to humanize the potential conflict situations that occur in a way that fosters respect, understanding, and coexistence on the road.

Charge 5. Addressing the issues.

To improve the safety of bicycling and walking in Orange County, the OUTBoard recommends the following actions be adopted and implemented by the Board of County Commissioners:

1. Have current state laws posted at high-traffic rural spots. Two that were mentioned were Maple View and Honeysuckle Tea House. In addition, locations such as car dealerships, gas stations, schools, churches, and car repair shops should be approached. With permission from the establishment's owners, posters could be posted in several locations. These posters would include state laws for both cyclists and motorists. Include on the posters the importance of respect for all on the road.
2. Become a partner with NCDOT in their "Watch for Me NC" bicycle and pedestrian safety campaign. They provide a large amount of information including posters, bumper stickers, handouts with laws, reflective gear, and even bike lights. Combine this with a enforcement, education, and awareness program for cyclists and motorists.[3]
3. Provide law enforcement officers with education tools explaining road cycling and the state's laws – such a program has been developed by the statewide advocacy group BikeWalk NC. It could be shown in a classroom setting with or without assistance from local League of American Cyclists Certified Cycling instructors.[4]

4. Arrange for a bike ride or other type of “field trip” with Orange County Commissioners, law enforcement, Orange County staff, and local cycling advocates to allow all to see both the possibilities and the obstacles that exist for cycling on rural county roads.

5. Have a county-wide contest to produce PSA posters or videos as a way to bring in citizen participation. Prepare a series of PSAs to air on local radio and television stations and in the local newspapers, and as posters around Orange County, as have been promoted in other locations: See sample posters in Appendix A. Contact the Journalism school at UNC to see if they would be interested in helping create these spots and helping us determine the correct venues for placing them.

6. Meet with the regional director of Active Routes to School and with school PE instructors to be sure they are aware of the Bike and Pedestrian Safety program available on NCDOT’s website. [5]

7. Support BikeWalk NC in its efforts to produce a statewide online education class[6] that could be utilized in Driver’s Ed classes, and in classes for driving offenders that are seeking to reduce points on their insurance. A component for the younger age groups who are mainly pedestrians is also planned.

8. Utilize national resources such as the National Highway Traffic Safety Administration,[7] People for Bikes,[8] and the Alliance for Biking and Walking[9] for materials that can be used locally.

9. Create and promote an interactive wiki map that cyclists and motorists can use to identify spots that need attention to improve safety. (The map could be referenced on all of the posters and other PSAs.)

10. Examine bicycling in Orange County as an economic development tool by sending a local staff person (or someone from Orange County Visitors Bureau) to the Bicycle Tourism conference in San Diego, CA, being held Nov. 4–7 in 2015.[10]

11. Pursue a tourism (or other) grant to fund bicycling safety and share the road public service announcements on popular local AM/FM radio stations.

12. Include a line item in the budget for county funding to use as grant-matching funding.

13. Improve bicycle infrastructure in the community. Instruct staff to review with the OUTBoard roads that are scheduled for resurfacing and recommend 4-foot shoulders on roads identified as rural bikeways.

14. Explore lowering speed limits on some rural county roads to 40 mph. Begin with a pilot on Dairyland Road. This reduction in speed was recently approved by NCDOT for a small section of Old 86 (from Calvander to the Carrboro Town Limit).

15. Discuss with the NC DOT (District Seven Engineer) the implementation of roadways safety shoulders (costing $500,000 or less) at blind hills and curves on highly used bike routes. One of the following locations could be used as a pilot for this safety measure:

- Sugar Ridge area of Orange Grove Road
- "S" curve on Dairyland Road between Bethel Hickory Grove and Union Grove Church Roads
- Dairyland Road segment between Green Rise Road and new gas line
- Old Greensboro Highway segment between Niche Gardens and Collins Creek Roads
- Old Greensboro Highway segment between Phil's Creek and Jones Ferry Roads

16. Enhance the use of our bikeways by:

    a. Supplementing the existing Orange County Bicycle Map with online-accessible "Cue Sheets" for specific preferred bicycling road. Assistance in the development of these sheets should be sought from the local bicycle organizations like the Carolina Tarwheels
    b. Adding MUTCD-approved signage at "choke points" identified by area cyclists alerting drivers to the likelihood of cyclists, such as "watch for cyclist" or "bikes may use full lane"
    c. Including multi-use paths in the vicinity of and within County Parks and along Cane Creek reservoir perimeter.

17. Hold a Community Event. To provide a safe cycling experience for novice to expert riders, a different selected segment of a rural road would be closed to all but local motorist traffic and converted to a dedicated bikeway on a weekend day once a month from April to October for a period of about two to four hours. To hold this event:

    a. a one-weekend day pilot would be organized to prove and refine the concept.
    b. Coordination between existing local bicycle clubs, rural residents, the State Department of Transportation, Sheriff's Department and Orange County government would develop the specific parameters of the proposed bikeway. Cue Cards for the ride would be developed and made available on-line and as handouts. The event would need to be widely publicized, and local churches along the dedicated route could chose to stage events to introduce riders to their fund raising events offering items such as baked goods, refreshments etc. Significant historic sites could be signed and other points of interest highlighted. Experienced riders wishing to stage a race or time trial event would go first, and thereafter the segment would be open to all cyclists. Volunteers could be positioned along the route to coordinate assistance as needed.

18. Add links on the county's website to resources for cyclists from BikeWalkNC.org and from NCDOT's bike program. Include links to laws and to safety videos.[11][12]

Charge 6. Suggest/recommend policies, procedures for advancing bike and pedestrian safety in the county.

1. Create a Task Force to put together an action plan for implementing the list of actions suggested in Charge 5, and have the action plan reviewed by the OUTBoard and presented to the BOCC. Have one member of the BOCC serve as a member of the Task Force.
2. Charge the Task Force with providing a list of roadways or areas in Orange County that need improvements for the OUTBoard to review, and send to the BOCC or to staff for approval.
3. Have staff create a list of goals for improving the roadways identified by the Task Force, including desired timelines and approximate costs.
4. Instruct staff to review with the OUTBoard roads that are scheduled for resurfacing and recommend wide shoulders or other appropriate improvements on roads identified as rural bikeways.
5. Ask NCDOT to adhere to their Complete Streets manual and to their written policies concerning rumble strips when installing them on rural roads (see Appendix B)
6. Receive semi-annual updates and annual written reports from staff regarding progress of the above noted action items and goals for the past and the upcoming year.

Charge 7. Identify agencies, departments, groups that might work to move this forward.

All of the following, in addition to every Orange County resident, are stakeholders who should work together to make our roads safer.

1. Law enforcement agencies (Sheriff's Department, Highway Patrol)
2. School representatives
3. Orange County Visitor's Bureau
4. NCDOT staff
5. County and regional planning staff
6. Elected representatives
7. County businesses
8. Bicycle advocacy groups
9. Those who work with driver's education classes and traffic offenders

[1] Map My Ride: http://www.mapmyride.com

[2] WalkBikeNC statewide map program:
https://apps.ncdot.gov/newsreleases/Image.ashx?id=2992&orig=1

[3] Watch For Me NC program: https://apps.ncdot.gov/newsreleases/details.aspx?r=11035

[4] The powerpoint for the presentation can be seen here:
http://www.bikewalknc.org/learn/education-resources-for-police/.

[5] The program guide for Let's Go NC is here:
http://www.ncdot.gov/bikeped/safetyeducation/letsgonc/

[6] A similar model for a statewide online education class created for Illinois can be seen here: http://www.bikesafetyquiz.com/

[7] National Highway Traffic Study: http://www.nhtsa.gov/Bicycles

[8] People for Bikes: http://www.peopleforbikes.org/

[9] Alliance for Biking and Walking: http://www.bikewalkalliance.org/

[10] National Bicycle Tourism Conference: http://www.bicycletournetwork.org/
[11] Bike Laws: http://www.bikewalknc.org/important-nc-traffic-laws-applicable-to-bicyclists/,and
http://www.ncdot.gov/BIKEPED/

[12] Sample safety videos (from other states):
https://www.youtube.com/watch?v=A3QN5U567jE
https://www.youtube.com/watch?v=iXC2UFRJ5Y4

Appendix A: Possible ideas for PSA posters

Sample video PSAs can be found here:
http://bikepgh.org/care/
http://georgiabikes.org/index.php/resources/35-georgia-resources/180-psa

Appendix B: NCDOT Documents pertaining to rumble strips and bicycle traffic

- The beginning of a rumble strip/stripe pattern should be delineated in accordance with MUTCD criteria (Section 9C.06) on any facility that bicycles are legally allowed to operate.

- The NCDOT Division of Bicycle and Pedestrian Transportation will be provided an opportunity to comment on any project implementing rumble strips/stripes on facilities subject to this practice.

- Turn bay rumbles may continue to the beginning of the full width lane, if the paved shoulder width remains the same as the through-lane shoulder width.

- NCDOT recognizes and is sensitive to the fact that noise may be an issue. However, if there is a documented safety problem where no other reasonable cost effective solution is available then rumble strips should be installed. This approach has been supported through other Departmental actions.

CONSIDERATIONS FOR BICYCLE TRAFFIC

The following should be considered for all facilities where bicycles are legally allowed to operate:

- It is desirable to provide a nominal width of four (4) feet of useable shoulder between the outside edge of the shoulder rumble strip/stripe to the edge of pavement. However, even though a four foot nominal width is desired, it will not preclude the installation of a proven safety countermeasure where there is the presence of treatable lane departure events. Also, the condition of the shoulder itself should be considered in determining whether or not to provide the four foot nominal riding width for bicycle traffic.

- The width of shoulder rumble strips/stripes may vary between 8 and 16 inches. The engineer should determine design and placement.

- Gaps in milled patterns, varying between 6 and 12 feet, may be provided to allow bicyclists to move between the through lane and the right shoulder to avoid vehicles, debris, etc., but the pattern should be a minimum of a 5:1 rumble-to-gap ratio. The Engineer should determine design and placement.

- No gaps should be provided on the left (median) side of divided highways. Gaps should not be provided on interstate or freeway facilities.

- Consideration should be given to the alignment of the roadway in the direction of travel from the perspective of bicyclists.

- Consideration should be given to the grade and speed at which bicyclists may be traveling.

become sunken below the pavement surface, utility covers should be installed flush with the adjacent street surface and/or adjusted when streets are reconstructed or resurfaced.

Shoulder Rumble Strips

A shoulder rumble strip is a safety feature for motorists installed on a paved shoulder near the outside edge of the travel lane. It is made of a series of milled or raised elements intended to alert inattentive drivers (through vibration and sound) that their vehicles have left the travel lane. Rumble strips are placed as a countermeasure for driver error, rather than street deficiencies, and are typically used on high speed facilities in rural areas. They are less applicable on urban and suburban street types. Where they are used, rumble strips on shoulders should be designed to lessen impacts on other users (specifically bicyclists). Shoulder rumble strips with a narrow offset of 9 inches or less from the edge of the pavement marking (travel lane) have been shown to be the most effective, because the driver is alerted sooner and it provides a slightly larger recovery area after being alerted.

Characteristics of and concerns about rumble strips that limit their usefulness or application include low traffic speeds, noise for adjacent residences, limited pavement width, presence of curb and gutter, significant turning movements, and other conflicts for motorists, pedestrians and bicyclists.

Bicyclists are affected by rumble strips. As legal street and road users, bicyclists may be in the travel lane, but where paved shoulders are available and clear, bicyclists will often use them to avoid conflicts with faster moving vehicles in the travel lane. As described in Chapters 3 and 4, paved shoulders, if wide enough, can be an appropriate facility type for bicyclists on some higher speed roadways, such as parkways or rural roads. There are a number of measures that should be considered to accommodate bicyclists when installing rumble strips:

- Wide outside paved shoulders improve safety for all highway and road users. Where existing cross-section exists or is available, allow at least four feet beyond the rumble strips to the edge of the paved shoulder. Where guardrail, curb or other continuous obstructions exist, additional width (2 feet extra width) may be needed to provide adequate clearance for bicyclists.
- Bicycle gaps (recurring short gaps) should be designed in the continuous rumble strip pattern to allow for ease of movement of bicyclists from one side of the rumble to the other. A typical pattern is gaps of 10 to 12 feet between groups of the milled-in elements at 60 feet intervals.
- Decreased width of rumble strip and/or decreased offset width to the edge line (travel lane) may provide additional space usable to bicyclists.

Rumble strips have typically been used in rural areas where run-off-road crash problems exist, and their use on urban freeways and possibly urban parkways should be determined on the merit of the street cross-section and context. Rumble strips are generally not necessary on other complete street types. Installation will be considered on rural roads where posted speed limits and/or statutory speeds are at 55 miles per hour and above. Installation will be considered along specific rural roads where significant numbers of run-off-road-crashes that include any form of motorist inattention has been identified.

STAFF UPDATES – AGENDA ITEM 6.

HANDOUTS

OUTBoard Staff Update
Item 6.a. - Handout

ORANGE COUNTY
BOARD OF COMMISSIONERS
ACTION AGENDA ITEM ABSTRACT
Meeting Date: January 21, 2016

Agenda Item No. _____

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

DEPARTMENT: Planning and Inspections & County Clerk's Office

PUBLIC HEARING: (Y/N) No

ATTACHMENT(S):
1. Proposed revision to OUTBoard Policies and Procedures
2. Resolution Adopting Amended OUTBoard Policies and Procedures

INFORMATION CONTACT:
Abigaile Pittman, 245-2567
Thom Freeman, 245-2125
Donna Baker, 245-2130

PURPOSE: To consider the attached resolution amending OUTBoard Policies and Procedures to add a seventh (7th) at-large position to encourage membership with expertise or interest in Public Health.

BACKGROUND: At the December 15th BOCC meeting, Commissioner Pelissier made a petition to the Board to add another at-large position to the OUTBoard with expertise or specific interest in Public Health.

In response to the Commissioner's request, Planning Department staff has prepared a proposed amendment to Section III.B. of the Board's Policies and Procedures (Attachment 1) that would add an additional at-large position to encourage membership with expertise or interest in Public Health. Adoption of this modification will increase the number of at-large members from six (6) to seven (7), and the total number of members from thirteen (13) to fourteen (14). Additionally, the required quorum for a meeting of the OUTBoard would be increased from seven (7) to eight (8) members.

Public health representation on the OUTBoard could be a benefit to the Board in the following ways:

1. Address improving the built environment for safe and accessible physical activity and transportation, which is a key component of addressing obesity and its related health effects.
2. Address transportation concerns, which are frequently cited by clients of the Health Department is accessing its services, as well as services around the county.
3. Further the Board's capacity to examine transportation planning and funding decisions with a public health perspective.
4. Provide regular opportunities for continuous communication between public health, planning and transportation, to enhance decision making, data sharing, and to conduct mutually reinforcing activities.

However, other considerations include:

1. The OUTBoard has historically had difficulty in entirely filling its membership composition. For this reason, revisions to the Policies and Procedures made in 2012 revised the prior requirement for several of the at-large positions to be from County boards related to a specific expertise/area of interest (e.g., environmental, planning, economic development). This revision, reflected in the current version of the Policies and Procedures, more liberally requires at-large members to have expertise and specific interests in the articulated areas without specific representation on other County boards.

2. The Rules and Procedures were again revised in March 2015 to add Public Health as one of the seven (7) areas of expertise or specific interest for the existing six (6) at-large positions. This revision was intended to enhance opportunities to complete membership composition, by providing that the six (6) at-large members may have expertise or specific interest in as many of the following seven areas as possible:
   - Bicycle transportation
   - Pedestrian access and safety
   - Public transit
   - Environmental issues
   - Economic development
   - Planning
   - Public health

The current proposed revision would add a seventh (7th) at-large position, and specific representation of the areas of interest would be encouraged but not required.

FINANCIAL IMPACT: There is no financial impact associated with consideration of the resolution approving the proposed amendment to the OUTBoard Policies and Procedures.

SOCIAL JUSTICE IMPACT: The following Orange County Social Justice Goals are associated with this item:

> **GOAL: CREATE ECONOMIC SELF-SUFFICIENCY**
> The creation and preservation of infrastructure, policies, programs and funding necessary for residents to provide shelter, food, clothing and medical care for themselves and their dependents.
>
> **GOAL: CREATE A SAFE COMMUNITY**
> The reduction of risks from vehicle/traffic accidents, childhood and senior injuries, gang activity, substance abuse and domestic violence.

The addition of an OUTBoard at-large position with expertise or specific interests in public health results in positive outcomes related to the above goals.

RECOMMENDATION(S): The Manager recommends the Board approve the attached resolution to the OUTBoard specific Policies and Procedures (Attachment 2).

Orange Unified Transportation (OUT) BOARD POLICIES AND PROCEDURES

Amendment Note:
Proposed additions/changes to existing text are depicted in red and underscored.

SECTION III: MEMBERSHIP

A. Authority
   1. North Carolina General Statute 153A-76 grants boards of county commissioners the authority to establish advisory boards and to appoint members to and remove members from those advisory boards. In acting on this authority the Orange County Board of Commissioners hereby establishes certain general conditions to which applicants and members of advisory boards should conform.

B. Composition
   1. The OUT Board is composed of ~~thirteen (13)~~ fourteen (14) voting members.
   2. The OUT Board does not have alternate members.
   3. Members shall represent demographic, geographic, cultural and professional characteristics, as follows:

      a. Seven members, one from each township:

      b. ~~Six (6)~~ Seven (7) at-large members, with expertise or specific interests in as many of the following areas as possible:
         - Bicycle transportation
         - Pedestrian access and safety
         - Public Transit
         - Environmental issues
         - Economic Development
         - Planning
         - Public Health

Attachment 2

ORANGE COUNTY BOARD OF COUNTY COMMISSIONERS

RESOLUTION ADOPTING AMENDED ORANGE UNIFIED TRANSPORTATION BOARD (OUTBOARD) POLICIES AND PROCEDURES

WHEREAS, on November 8, 2012 the Orange County Board of County Commissioners approved a specific Policies and Procedures document for the OUTBoard, with the intent to give guidance in the performance of its duties, establishing its membership, charge and goals; and

WHEREAS, the OUTBoard Policies and Procedures were amended on March 3, 2015 to add Public Health as one of seven (7) areas of expertise or specific interest for the six (6) at-large positions; and

WHEREAS, the current proposed amendments to the OUTBoard Policies and Procedures document would add a seventh (7th) at-large position, bringing the total number of voting members to fourteen (14), and that at-large members have expertise or specific interests in as many of the following areas as possible:

- Bicycle transportation
- Pedestrian access and safety
- Public transit
- Environmental issues
- Economic development
- Planning
- Public health

WHEREAS, North Carolina General Statute 153A-76 grants to boards of county commissioners the broad authority to organize county government, including the authority to "create, change, abolish, and consolidate offices, positions, departments, boards, commissions, and agencies of the county government, may impose ex officio the duties of more than one office on a single officer, may change the composition and manner of selection of boards, commissions, and agencies, and may generally organize and reorganize the county government….";

NOW, THEREFORE, BE IT RESOLVED, the Orange County Board of County Commissioners, pursuant to North Carolina General Statute 153A-22, adopts the amendment to Section III.B. of the Orange Unified Transportation Board (OUTBoard) Policies and Procedures; and

BE IT FURTHER RESOLVED, in determining whether there is a conflict between or among a governing ordinance and the terms of the amended Orange Unified Transportation Board (OUTBoard) Policies and Procedures document, staff may consult with the County attorney, who shall take into consideration the intent of the Board of County Commissioners, in assisting staff to resolve the conflict.

NCDOT DIV 7 PROJECTS LOCATED IN DCHCMPO

Technical Committee 1/27/2016 Item 13

TIP/WBS #	Description	Start/Let date	Completion Date	Status	Cost	Comments
P-4405 I,J,K 62000.7.STR18T1B 62000.7.STR23T1B 62000.7.STR28T1B	PCSI Closures at Gordon Thomas Dr., Greenbriar Dr., Byrdsville Rd St. NS/NCRR southwest of **Hillsborough**	P-4405 I, J Mar. 2016 P-4405 K Apr. 2016	Summer 2016	Initial environmental document completed, Limited ROW functions underway (I,J-70% RW complete, K-25% RW complete); 90% plans under review	$536,319 $177,513 $761,200	ARRA - Rail, Segments will be separated for construction, Division Let
SS-4907V 42423.1 42423.2 42423.3	Four-way stop installation at intersection of SR 1005 (Old Greensboro Rd.) @ SR 1951 (White Cross Rd.) in **Orange Co.**		Fall 2015	100% Complete, RTE Final Inspection pending	$33,000 PE $15,000 ROW $150,000 CON	State Spot Safety, Constr. By State Forces; Converted from 2-way to 4-way
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**.	Spring 2016	Summer 2016	Utility coordination and R/W 90% Complete	$15000 PE $80,000 R/W $53,600 CON	State Spot Safety, R/W plans received 7/8/15, Constr. By State Forces
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.**	Feb. 2016	Oct, 2016	FHWA Construction Authorization pending	$156,000 CON $245,000 CON $120,000 CON	Spot Safety-State (ADA curb ramp). Combine with Small Construction, Contingency, STP-DA. PCE approved Feb. 2015. **LAP - Town of Hillsborough, MA executed; Anticipated start date: Early 2016**
U-5550 50154.3.FS1	Intersection improvements at Fordham Boulevard (US15/501) and Ephesus Church Rd. Improvements will include bike lanes and sidewalks.	1/27/2016	Mar. 2017	FHWA Construction authorization approved	$1,736,000	National Highway Performance Program, **LAP - Town of Chapel Hill, MA executed**
U-5846	Construct a Roundabout at SR 1772 (Greensboro Street) and SR 1780 (Estes Drive) in Carrboro.	Jan. 2018	Mar. 2019	Planning and design activities underway, R/W Jan. 2017	$775,000	STIP, P3.0
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
U-5854	Construct a roundabout at SR 1008 (Mt. Carmel Church Road) and SR 1913 (Bennett Road) in Chapel Hill	Jul. 2017	Oct. 2018	Planning and design activities underway, R/W July 2016	$775,000	STIP, P3.0
W-5601DJ 50138.1.115	Guardrail End Terminal Improvements on I-40 at various locations in Orange Co.	2/18/2016	6/10/2016	Design complete, let pending	$162,000	Highway Safety Improvement Program, Division Let

Contract Number: C203028 **Route:** SR-1919
Physical Division: 7 **County:** Orange
TIP Number: U-2803
Length: 0.809 miles **Federal Aid Number:**
Resident Engineer: Christopher D. Kirkman, PE **RE Phone Number:** (336)570-6830
Location Description: SR-1919 (SMITH LEVEL RD) FROM ROCK HAVEN RD TO BRIDGE OVER MORGAN CREEK.
Type of Work: WIDENING, GRADING, DRAINAGE, PAVING, AND SIGNALS.
Contractor Name: YATES CONSTRUCTION CO., INC.
Contract Amount: $4,946,197.82 **Cost Overrun/Underrun:** 6.63%
Availability Date: 01/28/2013 **Letting Date:** 12/18/2012
Completion Date: 05/14/2015 **Work Began:** 02/08/2013
Estimated Completion: 01/27/2016
Scheduled Progress: 91.96%
Actual Progress: 89.79%

Contract Number: C203274 **Route:** SR-1002, SR-1007, SR-1110, SR-1522, SR-1552, SR-1723, SR-2158, SR-2178, SR-2307, SR-2354, SR-2356, SR-2363, SR-2365
Physical Division: 7 **County:** Orange
Length: 0.59 miles **Federal Aid Number:**
Resident Engineer: Christopher D. Kirkman, PE **RE Phone Number:** (336)570-6830
Location Description: REPLACEMENT OF 11 BRIDGES IN ALAMANCE CO AND 3 BRIDGES IN ORANGE CO.
Type of Work: DESIGN BUILD.
Contractor Name: HAYMES BROTHERS, INC.
Contract Amount: $6,356,520.00 **Cost Overrun/Underrun:** 4.74%
Availability Date: 04/29/2013 **Letting Date:** 03/19/2013
Completion Date: 12/13/2016 **Work Began:** 05/23/2013
Estimated Completion: 07/01/2016
Scheduled Progress: 89%
Actual Progress: 61.4%

Contract Number: C203313 **Route:** SR-Varies
Physical Division: 7 **County:** Orange
Length: 0.65 miles **Federal Aid Number:**
Resident Engineer: J. Paul Ingram, PE **RE Phone Number:** (336)487-0150
Location Description: REPLACEMENT OF 5 BRIDGES IN ALAMANCE COUNTY, 2 IN CASWELL COUNTY AND 2 IN ORANGE COUNTY.
Type of Work: DESIGN BUILD.
Contractor Name: APAC - ATLANTIC, INC. THOMPSON ARTHUR DIVISION
Contract Amount: $5,785,000.00 **Cost Overrun/Underrun:** 0%
Availability Date: 07/01/2013 **Letting Date:** 05/21/2013
Completion Date: 10/01/2016 **Work Began:** 07/01/2013
Estimated Completion: 10/11/2016
Scheduled Progress: 75.2%
Actual Progress: 90.53%

Contract Number: C203640 **Route:** -
Physical Division: 7 **County:** Orange
Administrative Division: 7 **TIP Number:**
Length: 0.431 miles **Federal Aid Number:**
Resident Engineer: Kris Lorenz, PE **RE Phone Number:** (336)487-7080
Location Description: REPLACEMENT OF 4 BRIDGES IN GUILFORD COUNTY AND 3 BRIDGES IN ORANGE COUNTY.
Type of Work: DESIGN BUILD.
Contractor Name: HAYMES BROTHERS, INC.
Contract Amount: $0.00 **Cost Overrun/Underrun:** 0%
Availability Date: 06/01/2015 **Letting Date:** 04/21/2015
Completion Date: 11/01/2017 **Work Began:**
Scheduled Progress: 0%
Actual Progress: No work at this time

Contract Number: C203641 **Route:** SR-2719
Physical Division: 7 **County:** Orange
Length: 0.685 miles **Federal Aid Number:**
Resident Engineer: Christopher D. Kirkman, PE **RE Phone Number:** (336)570-6830
Location Description: REPLACEMENT OF 5 BRIDGES IN GUILFORD COUNTY AND 5 BRIDGES IN ORANGE COUNTY.
Type of Work: DESIGN BUILD.
Contractor Name: R.E. BURNS & SONS CO., INC.
Contract Amount: $5,940,323.00 **Cost Overrun/Underrun:** 0%
Availability Date: 06/01/2015 **Letting Date:** 04/21/2015
Completion Date: 11/01/2018 **Work Began:** 06/01/2015
Scheduled Progress: 9%
Actual Progress: 13.91%

Contract Number: C203709 **Route:** -
Physical Division: 7 **County:** Orange
Length: 19.709 miles **Federal Aid Number:**
Resident Engineer: Christopher D. Kirkman, PE **RE Phone Number:** (336)570-6830
Location Description: 22 SECTIONS OF SECONDARY ROADS.
Type of Work: MILLING & RESURFACING.
Contractor Name: CAROLINA SUNROCK LLC
Contract Amount: $0.00 **Cost Overrun/Underrun:** 0%
Availability Date: 04/15/2016 **Letting Date:** 06/16/2015
Completion Date: 11/20/2016 **Work Began:**
Scheduled Progress: 0%
Actual Progress: No work at this time

Contract Number: DG00255 **Route:** SR-1005
Physical Division: 7 **County:** Orange
TIP Number: W-5207I
Length: 0.502 miles **Federal Aid Number:** HSIP-1005(30)
Resident Engineer: Christopher D. Kirkman, PE **RE Phone Number:** (336)570-6830
Location Description: SR 1005 (JONES FERRY ROAD) AND DAVIE STREET IN CARRBORO
Type of Work: GRADING, PAVING AND SIGNAL INSTALLATION
Contractor Name: S. T. WOOTEN CORPORATION
Contract Amount: $585,577.28 **Cost Overrun/Underrun:** 1.32%
Availability Date: 09/08/2015 **Letting Date:** 08/20/2015
Completion Date: 07/08/2016 **Work Began:** 10/01/2015
Scheduled Progress: 85.2%
Actual Progress: 40.41%

Contract Number: DG00266 **Route:** SR-1914
Physical Division: 7 **County:** Orange
Length: 18.07 miles **Federal Aid Number:**
Resident Engineer: Christopher D. Kirkman, PE **RE Phone Number:** (336)570-6830
Location Description: 2 SECONDARY ROADS IN ALAMANCE COUNTY AND 6 SECONDARY ROAD IN ORANGE COUNTY
Type of Work: AST RETREATMENT
Contractor Name: RILEY PAVING INC
Contract Amount: $0.00 **Cost Overrun/Underrun:** 0%
Availability Date: 04/15/2016 **Letting Date:** 10/15/2015
Completion Date: 06/30/2016 **Work Began:**
Scheduled Progress: 0%
Actual Progress: No work at this time

Contract Number: DG00271 **Route:** SR-1538
Physical Division: 7 **County:** Orange
Length: 5.637 miles **Federal Aid Number:**
Resident Engineer: Christopher D. Kirkman, PE **RE Phone Number:** (336)570-6830
Location Description: SR 1538 (NEW SHARON CHURCH ROAD) FROM SR 1548 (SCHLEY ROAD) TO NC 157 (GUESS ROAD)
Type of Work: WIDENING AND RESURFACING
Contractor Name: CAROLINA SUNROCK LLC
Contract Amount: $0.00 **Cost Overrun/Underrun:** 0%
Availability Date: 04/15/2016 **Letting Date:** 10/01/2015
Completion Date: 08/31/2016 **Work Began:**
Scheduled Progress: 0%
Actual Progress: No work at this time

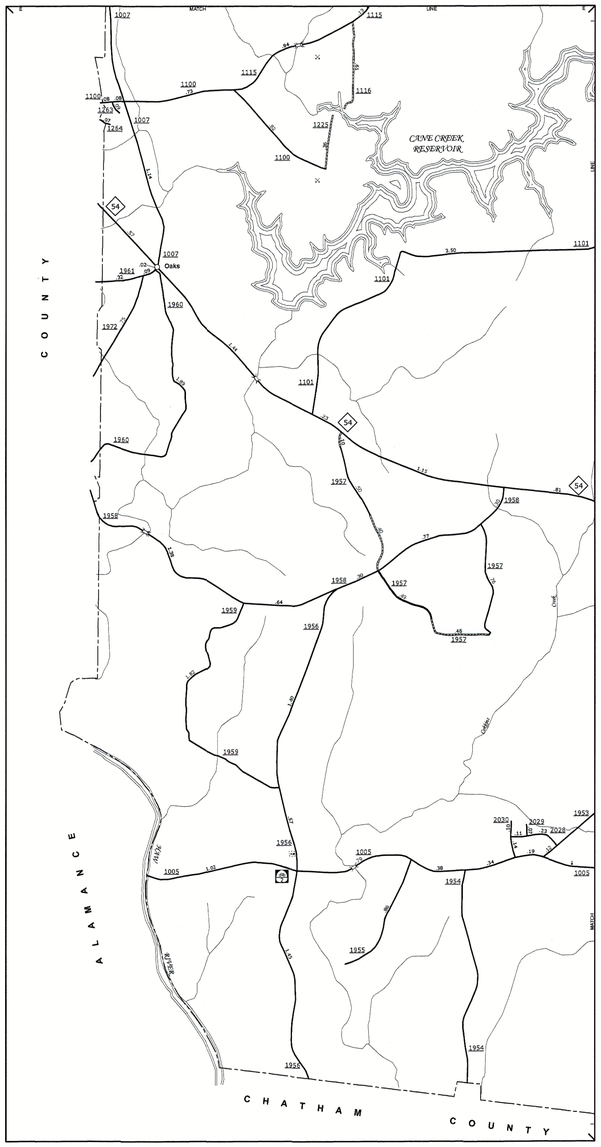
Attachment 2

Adopted this 21st day of January, 2016.

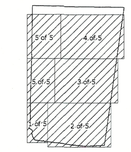
Attest:

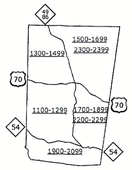
_____
Earl McKee, Chair
Orange County Board of County Commissioners

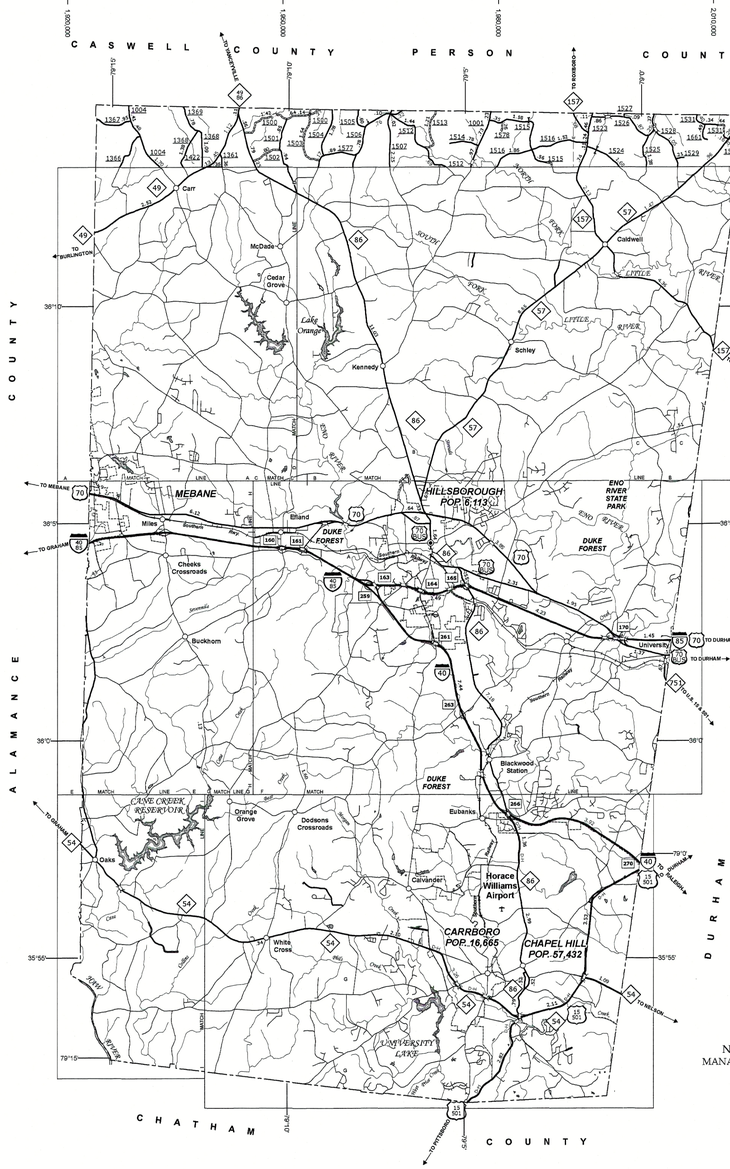
_____
Clerk to the Board of County Commissioners



Oak and Vicinity







LEGEND

- UNPAVED SURFACED ROAD
- HARD SURFACED ROAD
- 4 LANE UNDIVIDED HIGHWAY
- DIVIDED HIGHWAY W/FRONTAGE ROADS
- FULL CONTROL ACCESS (INSETS)
- NON-SYSTEM ROADS
- PROJECTED LOCATION
- NATIONAL PARK ROAD
- BLUE RIDGE PARKWAY
- INTERSECTION DISTANCE
- TRAFFIC CIRCLE
- DETAILED HIGHWAY INTERCHANGE
- ROAD THROUGH MOUNTAIN PASS
- HIGHWAY BRIDGE
- RAILROAD BRIDGE
- DRAW SPAN ON BRIDGE
- PEDESTRIAN BRIDGE
- PEDESTRIAN WALKWAY
- PEDESTRIAN UNDERPASS
- VEHICULAR UNDERPASS
- FORD
- TUNNEL
- CULVERT
- PIPE
- INTERSTATE HIGHWAY
- U.S. NUMBERED HIGHWAY
- N.C. NUMBERED HIGHWAY
- U.S. NUMBERED BICYCLE ROUTE
- N.C. NUMBERED BICYCLE ROUTE
- INTERSTATE INTERCHANGE NUMBER
- SECONDARY ROAD NUMBER
- UTILITY LINES
- RAILROAD
- RAILROAD STATION
- GRADE CROSSING
- INSET AREA
- URBAN EXTENSION LINE
- NATIONAL FOREST BOUNDARY
- RESERVATION OR PARK BOUNDARY
- STATE FOREST BOUNDARY
- STATE GAME LAND BOUNDARY
- FEDERAL GAME LAND BOUNDARY
- MILITARY RESERVATION BOUNDARY
- STATE LINE
- COUNTY LINE
- CITY LIMIT
- FERRY ROUTE
- CANAL
- NARROW CREEK OR STREAM
- WIDE RIVER OR CREEK
- RESERVOIR, POND OR LAKE W/ ISLAND
- DAM OR DAM WITH LOCK
- WATERFALL
- SWAMP
- COMMUNITY, TOWN OR CITY CENTER
- COUNTY SEAT
- STATE CAPITAL
- SCHOOL
- COLLEGE OR UNIVERSITY
- HOSPITAL
- COAST GUARD STATION
- CHURCH
- CHURCH WITH CEMETERY
- CEMETERY
- PATROL STATION
- CORRECTION OR PENAL INSTITUTION
- QUARRY
- MINE OR PIT
- HIGHWAY GARAGE OR MAINT. YARD
- HIGHWAY DIV. OR DIST. OFFICE
- POST OFFICE
- MILITARY POST
- WILDLIFE REFUGE
- WEIGH STATION
- FAIRGROUNDS
- HISTORICAL SITE
- POINTS OF INTEREST
- STATE FOREST
- LIGHTHOUSE
- MOUNTAIN SUMMIT
- OVERLOOK
- GEODETIC MARKER
- REST AREA

FY 2016-2017 Orange County Maintenance Resurfacing

N

ORANGE COUNTY
NORTH CAROLINA

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SCALE

1 0 1 2 3 4 MILES

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SCALE FOR ENLARGEMENTS

10,000 FOOT GRID BASED ON NORTH CAROLINA PLANE COORDINATE SYSTEM
LAMBERT CONFORMAL CONIC PROJECTION

NOTE: Map includes only state maintained roads. Information on municipal maintained roads, private roads, county and state boundaries provided by state and county agencies, and other features may be approximate locations.
Information on this map is current up to June, 2015.

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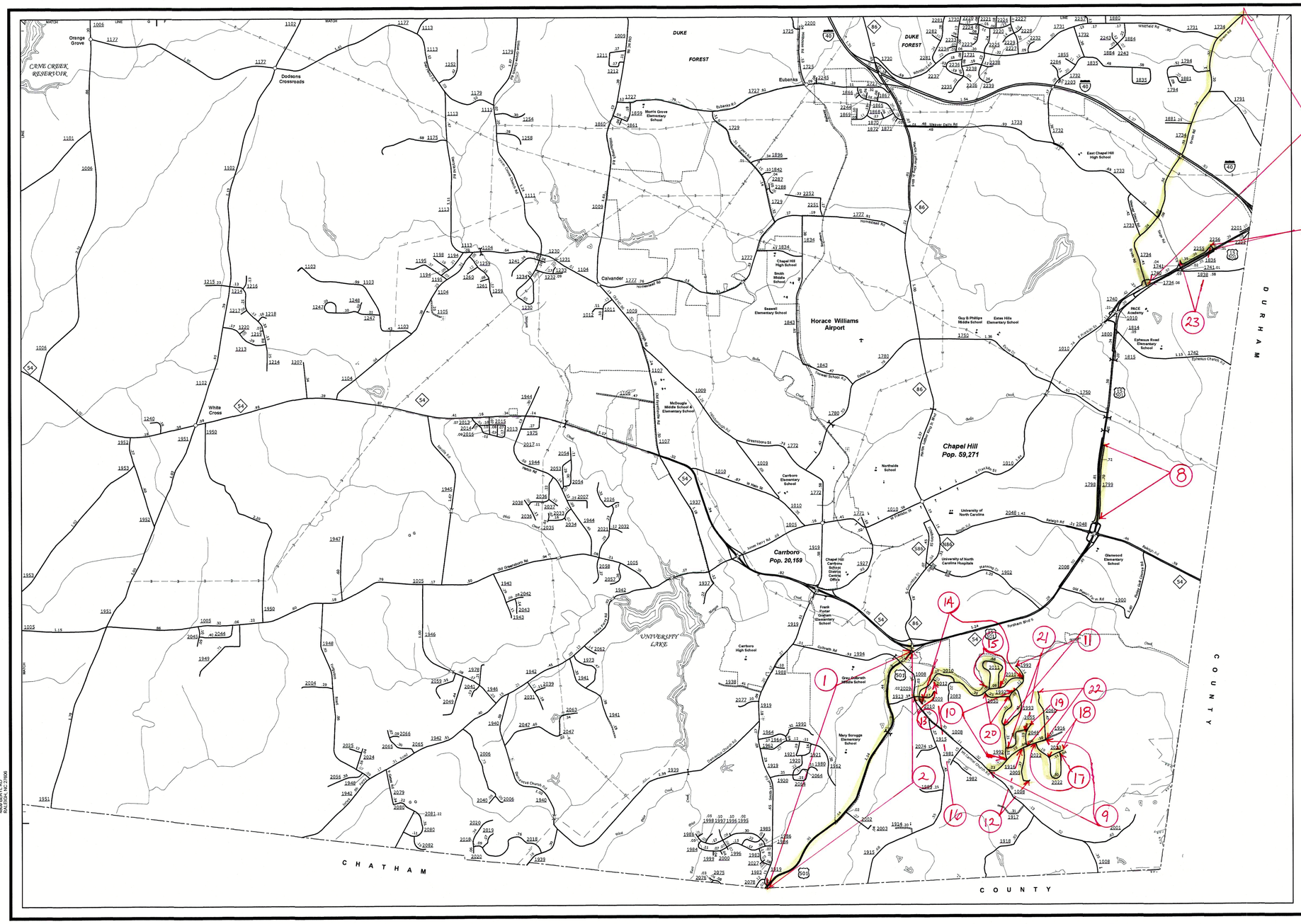
SHEET 1 OF 5

DIVISION 7 DISTRICT 1 ORANGE COUNTY NORTH CAROLINA 135



NOTE: Map includes only state maintained roads. Municipal boundaries are based on the most recent county and state boundaries provided by state and federal agencies, and are shown as approximate locations.
Information on this map is current up to April, 2015.

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Chapel Hill and Vicinity

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ENLARGED MUNICIPAL AND SUBURBAN AREAS

ORANGE COUNTY
NORTH CAROLINA

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FEDERAL HIGHWAY ADMINISTRATION

SCALE
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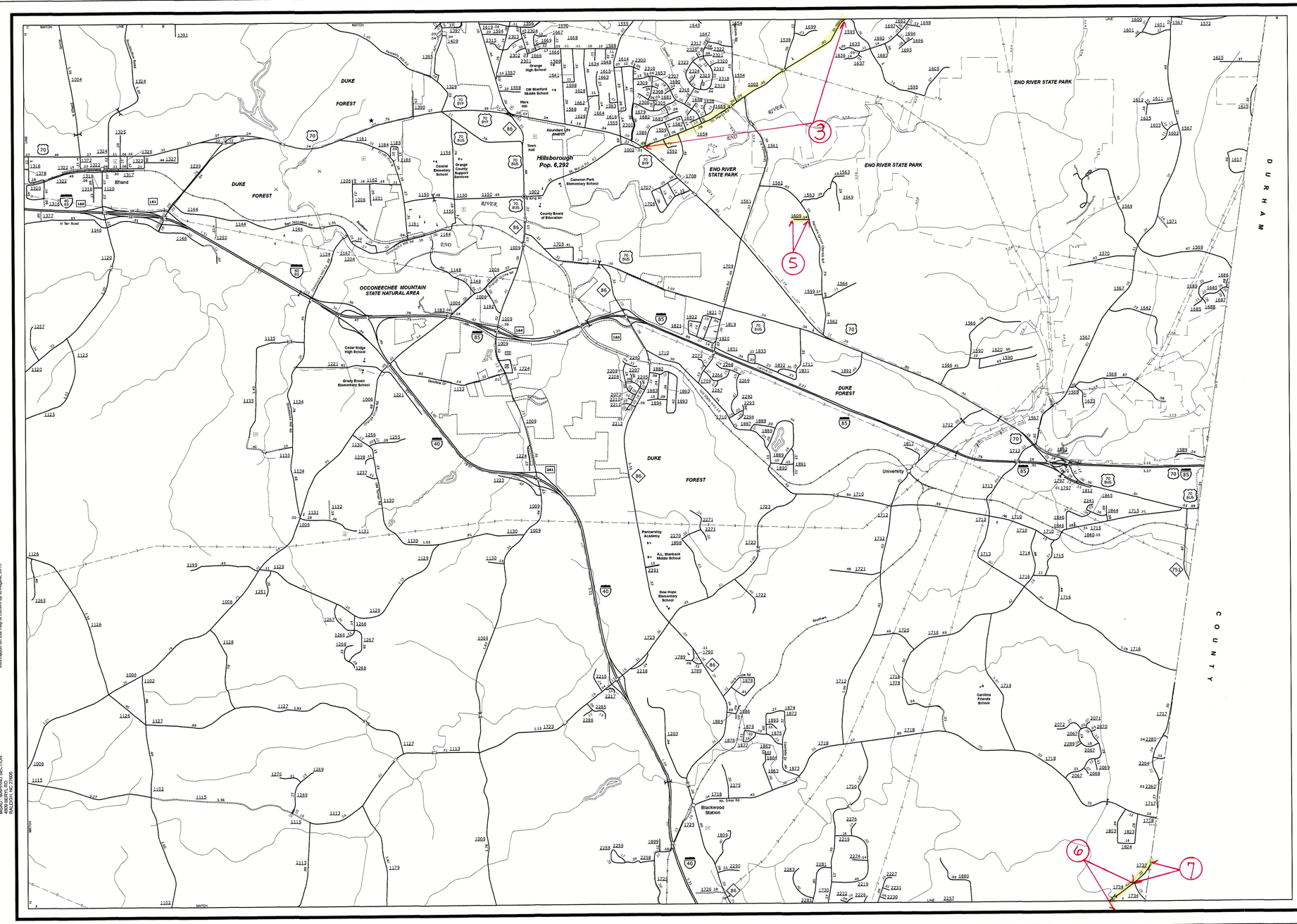
10,000 FOOT GRID BASED ON NORTH CAROLINA PLANE COORDINATE SYSTEM
LAMBERT CONFORMAL CONIC PROJECTION

SHEET 2 OF 5



NOTE: Map includes only state-maintained roads and important non-system roads. Map also includes other important features such as railroads, major federal agencies, and are shown in their approximate locations.
Information on this map is current up to August, 2015.

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Hillsborough and Vicinity

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ENLARGED MUNICIPAL AND SUBURBAN AREAS

ORANGE COUNTY
NORTH CAROLINA

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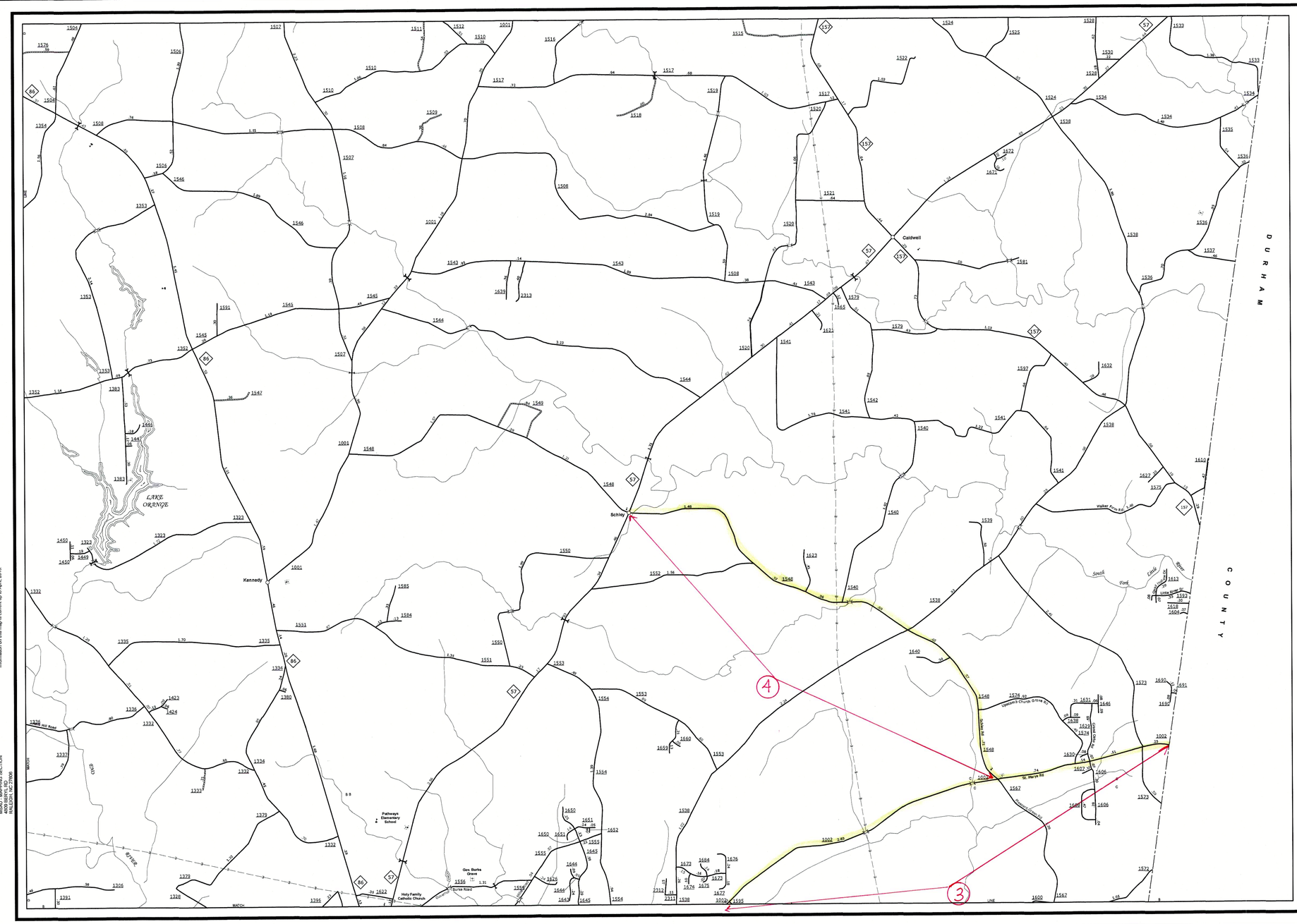
SCALE
1 0 1 MILES

10,000 FOOT GRID BASED ON NORTH CAROLINA PLANE COORDINATE SYSTEM
LAMBERT CONFORMAL CONIC PROJECTION

SHEET 3 OF 5

DIVISION 7 DISTRICT 1 ORANGE COUNTY NORTH CAROLINA 135



NOTE: Map includes only state-maintained roads and important non-numbered roads, as defined by state and federal agencies, and are shown in their approximate locations.
Information on this map is current up to April, 2015.

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MSAU - MAPPING SECTION
1020 BIRCH RIDGE DRIVE
RALEIGH, N.C. 27610

Caldwell, Kennedy, Schley and Vicinity

N

ENLARGED MUNICIPAL AND SUBURBAN AREAS

ORANGE COUNTY
NORTH CAROLINA

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FEDERAL HIGHWAY ADMINISTRATION

SCALE
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10,000 FOOT GRID BASED ON NORTH CAROLINA PLANE COORDINATE SYSTEM
LAMBERT CONFORMAL CONIC PROJECTION

SHEET 4 OF 5

NOTE: Map includes only state-maintained roads. Municipal and other non-state-maintained roads, county and state boundaries provided by state and federal agencies, and other features of a miscellaneous nature. Information on this map is current up to April, 2015.

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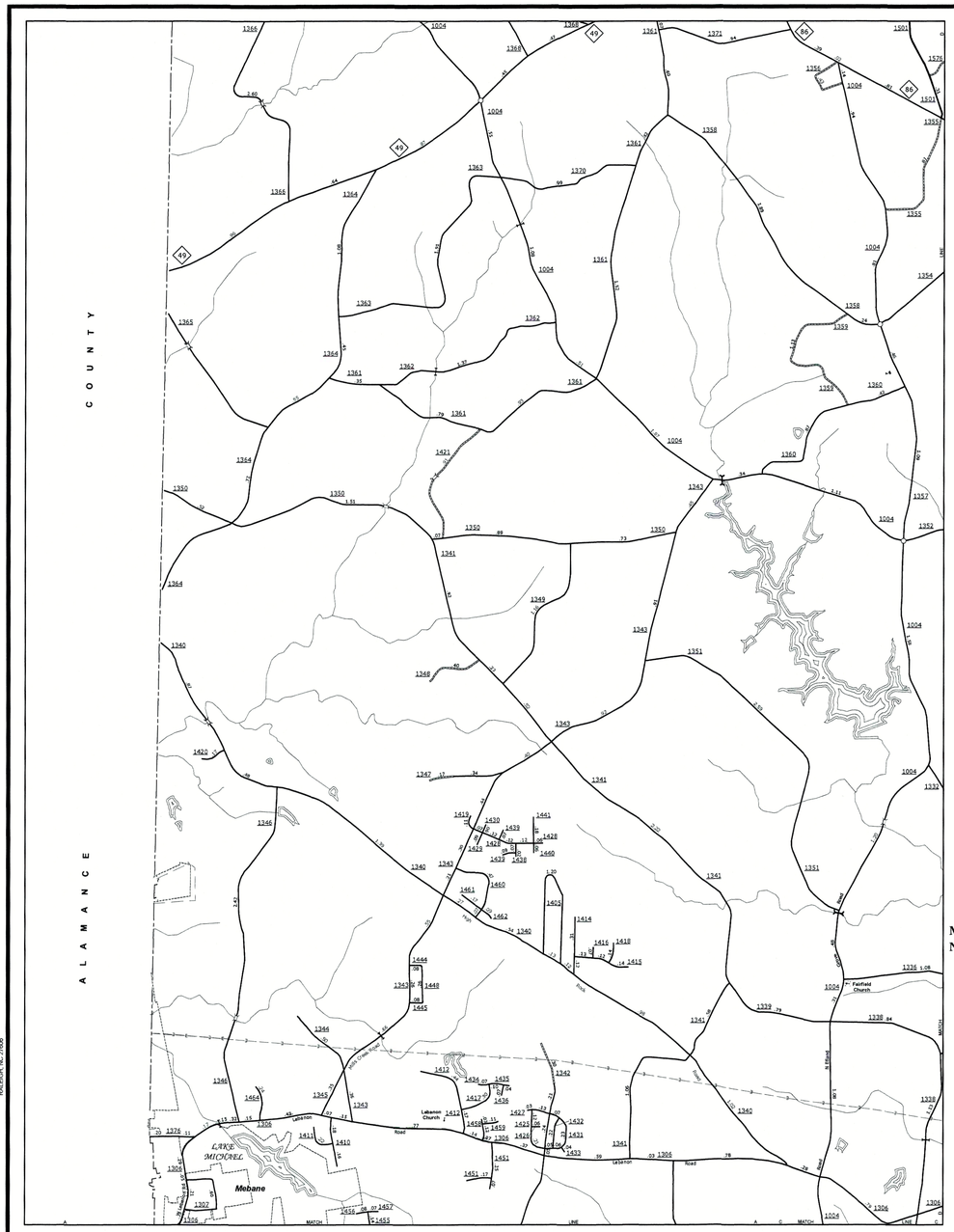
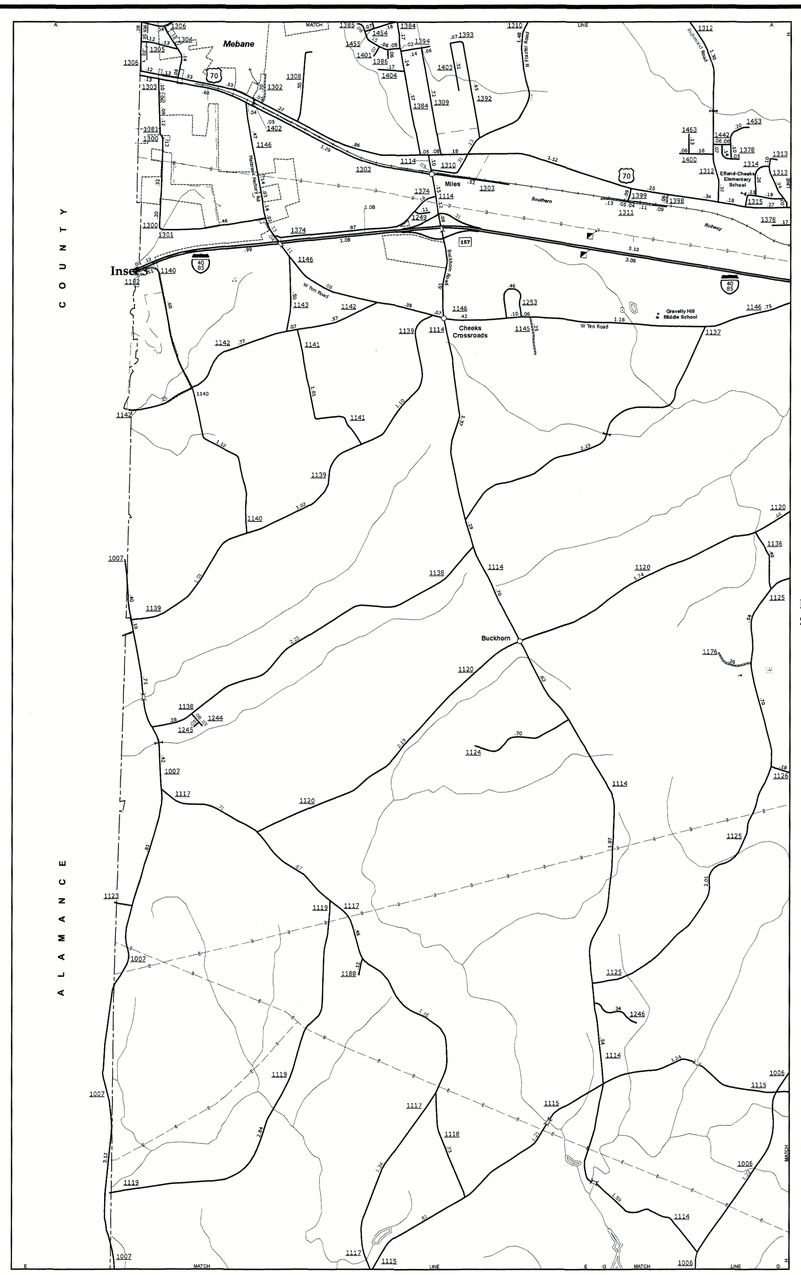
RALEIGH, NC 27616





N

ENLARGED MUNICIPAL AND SUBURBAN AREAS

ORANGE COUNTY

NORTH CAROLINA

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SCALE

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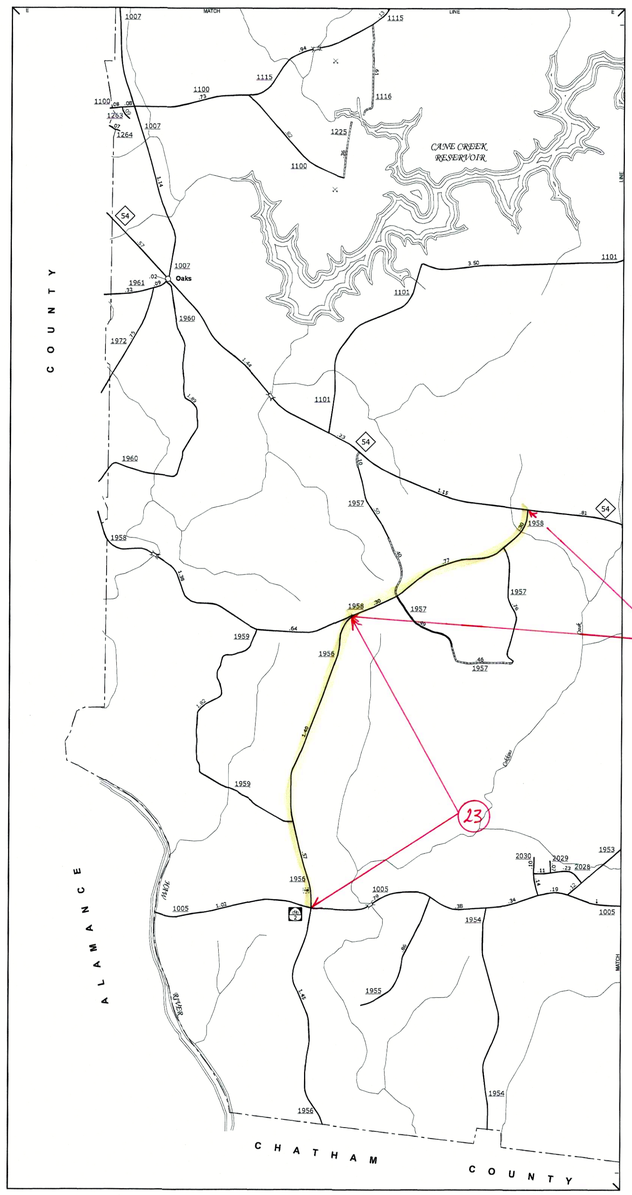
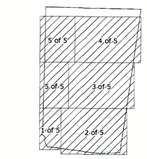
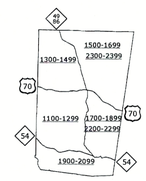
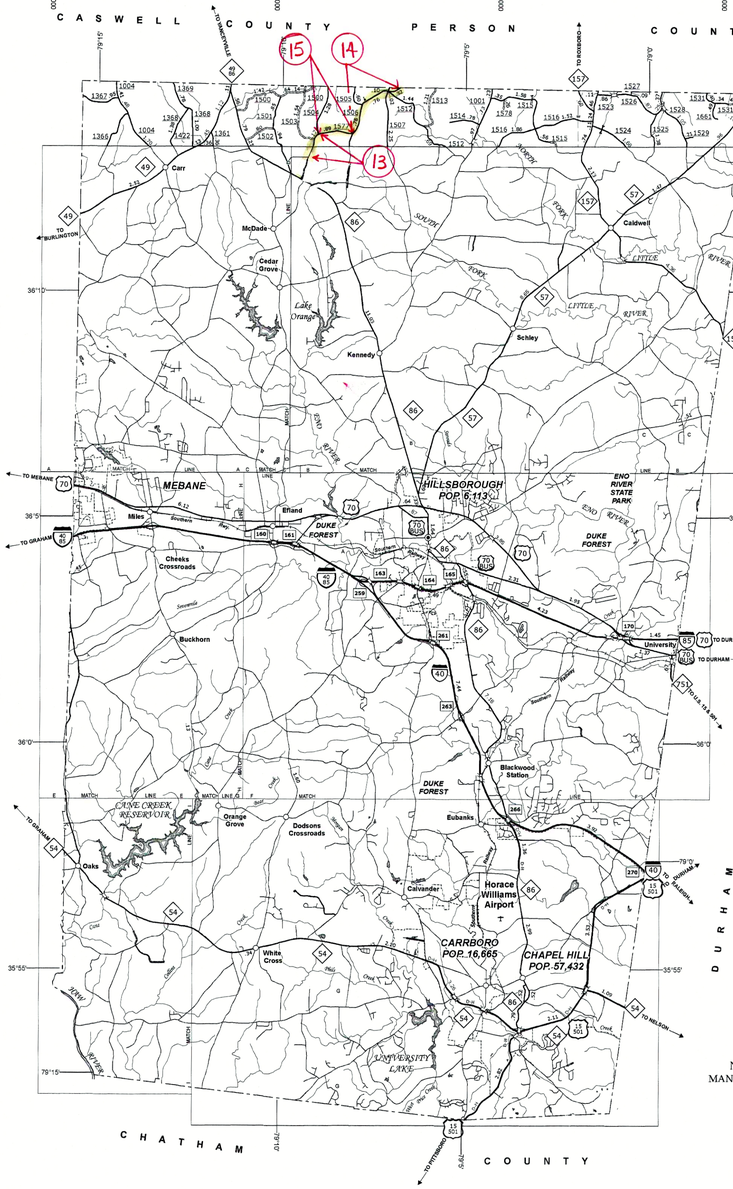
SHEET 5 OF 5



Oak and Vicinity







LEGEND

- UNPAVED SURFACED ROAD
- HARD SURFACED ROAD
- 4 LANE UNDIVIDED HIGHWAY
- DIVIDED HIGHWAY W/FRONTAGE ROADS
- FULL CONTROL ACCESS (INSETS)
- NON-SYSTEM ROADS
- PROJECTED LOCATION
- NATIONAL PARK ROAD
- BLUE RIDGE PARKWAY
- INTERSECTION DISTANCE
- TRAFFIC CIRCLE
- DETAILED HIGHWAY INTERCHANGE
- ROAD THROUGH MOUNTAIN PASS
- HIGHWAY BRIDGE
- RAILROAD BRIDGE
- DRAW SPAN ON BRIDGE
- PEDESTRIAN BRIDGE
- PEDESTRIAN WALKWAY
- PEDESTRIAN UNDERPASS
- VEHICULAR UNDERPASS
- FORD
- TUNNEL
- CULVERT
- PIPE
- 440 INTERSTATE HIGHWAY
- 401 U.S. NUMBERED HIGHWAY
- 52 N.C. NUMBERED HIGHWAY
- 1 U.S. NUMBERED BICYLE ROUTE
- 1 N.C. NUMBERED BICYCLE ROUTE
- 40 INTERSTATE INTERCHANGE NUMBER
- 8888 SECONDARY ROAD NUMBER
- UTILITY LINES
- RAILROAD
- RAILROAD STATION
- GRADE CROSSING
- INSET AREA
- URBAN EXTENSION LINE
- NATIONAL FOREST BOUNDARY
- RESERVATION OR PARK BOUNDARY
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- HISTORICAL SITE
- POINTS OF INTEREST
- STATE FOREST
- LIGHTHOUSE
- MOUNTAIN SUMMIT
- OVERLOOK
- GEODETIC MARKER
- REST AREA

FY 2017-2018 Orange County Maintenance Resurfacing

N

ORANGE COUNTY
NORTH CAROLINA

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FEDERAL HIGHWAY ADMINISTRATION

SCALE

1 0 1 2 3 4 MILES

0 0.5 1 MILES

SCALE FOR ENLARGEMENTS

10,000 FOOT GRID BASED ON NORTH CAROLINA PLANE COORDINATE SYSTEM
LAMBERT CONFORMAL CONIC PROJECTION

SHEET 1 OF 5

NOTE: Map includes only state maintained roads. Information on other roads including municipal, county and state boundaries provided by state and federal agencies, and are shown in their approximate locations.
Information on this map is current up to June, 2015.

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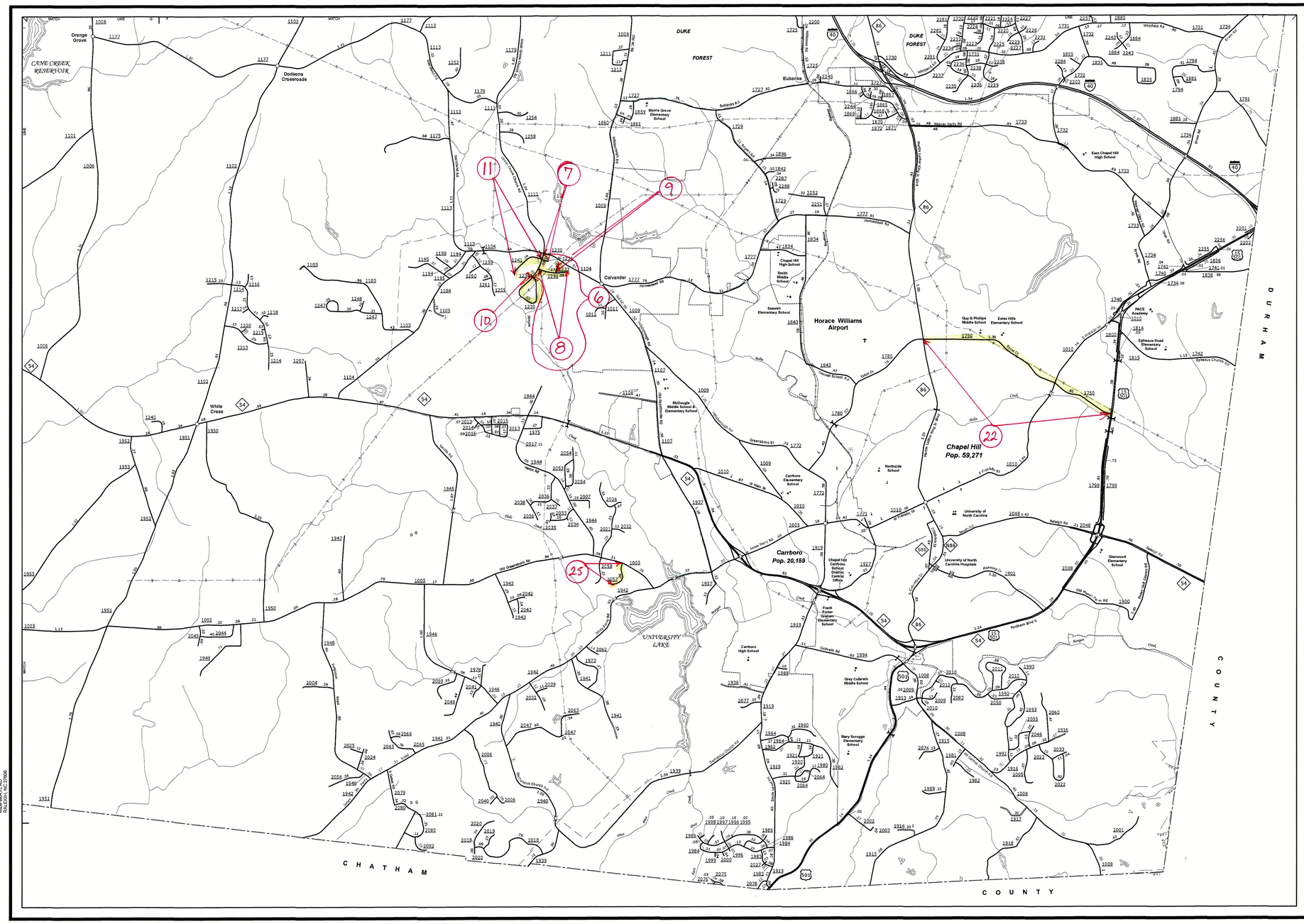
MSAS BRANCH
MAPPING SECTION
1589 BUS. 70 W.
RALEIGH, NC 27606



NOTE: Map includes only state maintained roads. Municipal boundaries are approximate. Municipal and county and state boundaries provided by state and municipal agencies. Accuracy of municipal and county boundary locations.
Information on this map is current up to April, 2015.

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Chapel Hill and Vicinity

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ENLARGED MUNICIPAL AND SUBURBAN AREAS

ORANGE COUNTY
NORTH CAROLINA

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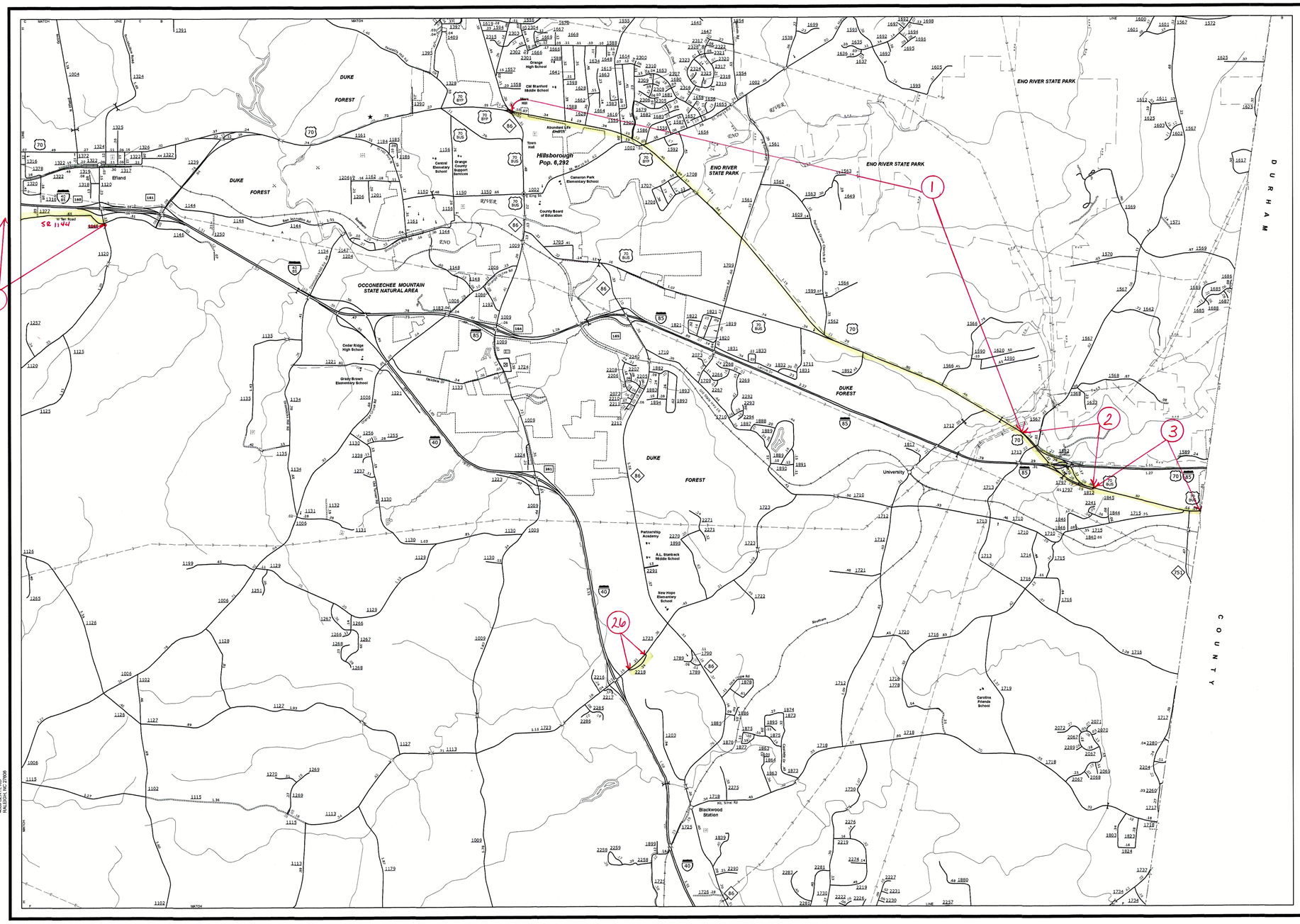
FEDERAL HIGHWAY ADMINISTRATION

SCALE
1 0 1 MILES

10,000 FOOT GRID BASED ON NORTH CAROLINA PLANE COORDINATE SYSTEM
LAMBERT CONFORMAL CONIC PROJECTION

SHEET 2 OF 5

DIVISION 7 DISTRICT 1 ORANGE COUNTY NORTH CAROLINA 135



NOTE: Map includes only state-maintained roads and those with numbers assigned by the appropriate county and state boundaries provided by state and federal agencies. Accuracy of boundaries and roadway locations.
Information on this map is current up to August, 2015.

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Hillsborough and Vicinity

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FEDERAL HIGHWAY ADMINISTRATION

SCALE
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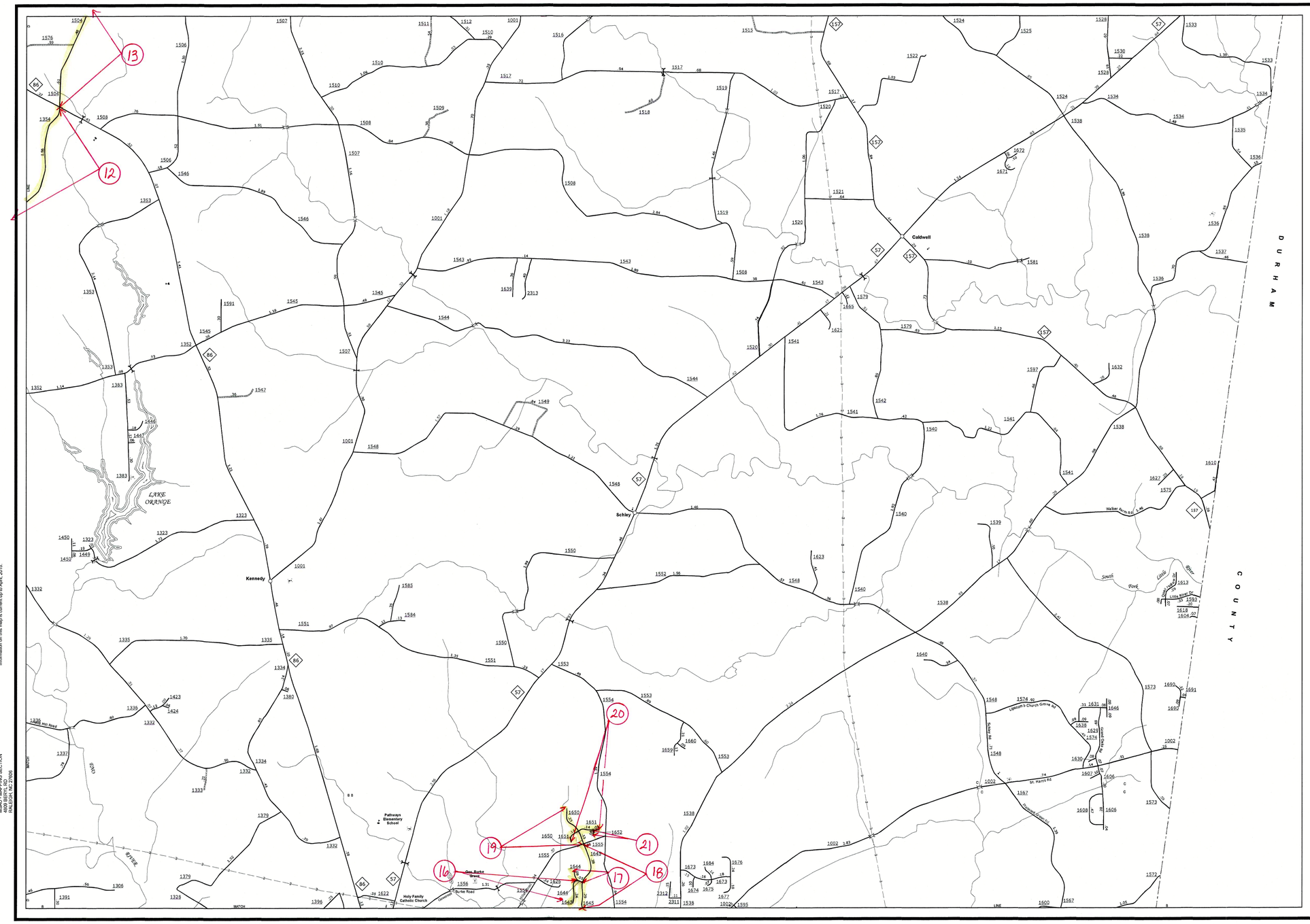
10,000 FOOT GRID BASED ON NORTH CAROLINA PLANE COORDINATE SYSTEM
LAMBERT CONFORMAL CONIC PROJECTION

SHEET 3 OF 5



NOTE: Map includes only state-maintained roads and important non-system roads. Map also includes some private roads, some of which are owned by federal agencies, and are shown in their approximate locations.
Information on this map is current up to April, 2015.

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JOB NO. 8

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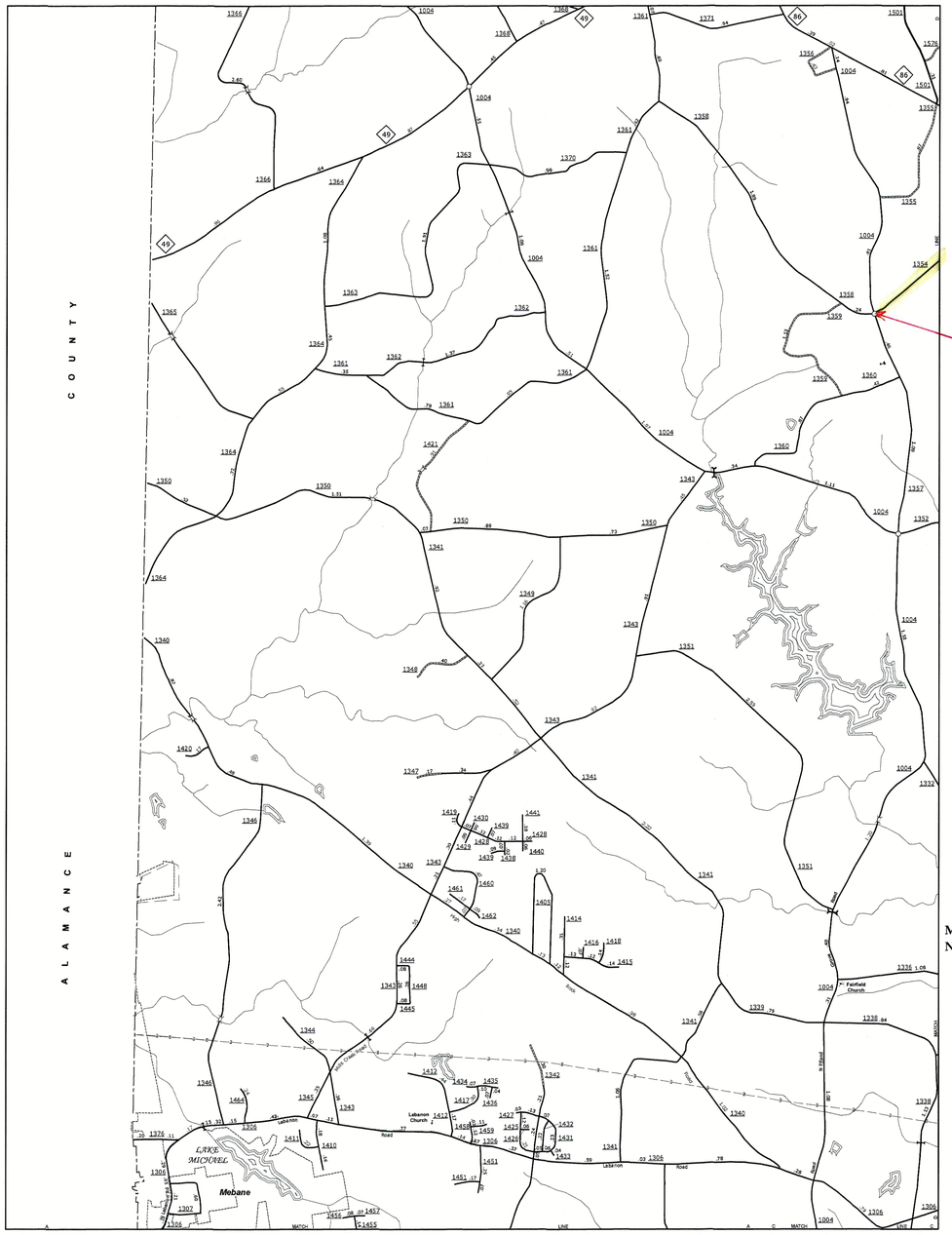
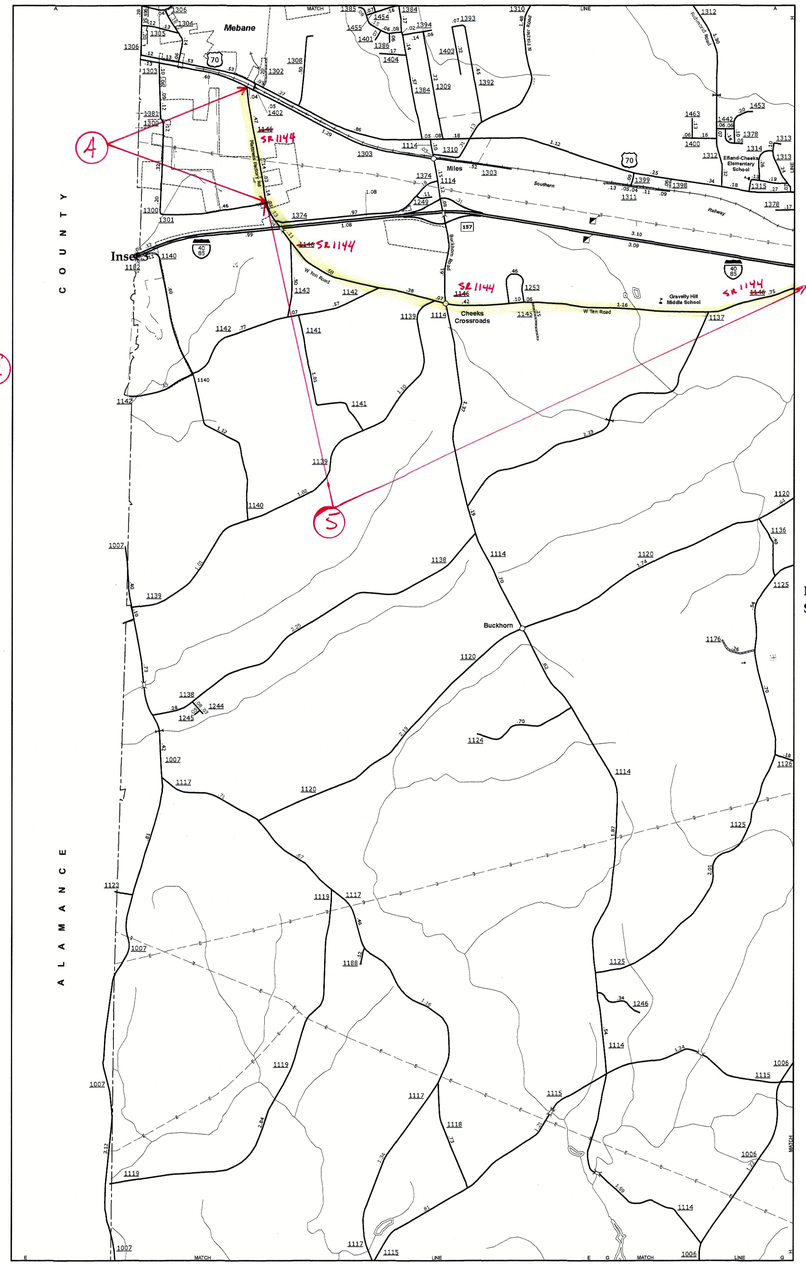
SHEET 4 OF 5





NOTE: Max minutes with state-maintained roads, and State and Federal-aid eligible roads. Maintained roads, county and state boundaries provided by state and municipal officials. Other roads and other map features are approximate and for general reference only. Information on this map is current up to April, 2015.

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ORANGE COUNTY

NORTH CAROLINA

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SCALE

1 0 1 MILES

10,000 FOOT GRID BASED ON NORTH CAROLINA PLANE COORDINATE SYSTEM
LAMBERT CONFORMAL CONIC PROJECTION

SHEET 5 OF 5

ORANGE COUNTY BOARD OF COMMISSIONERS

AGENDA

BOCC Regular Work Session
February 9, 2016
Meeting – 7:00 p.m.
Southern Human Services Center
2501 Homestead Road
Chapel Hill, NC

(7:00 – 7:50)	1.	BOCC External Advisory Board Appointees
(7:50 – 9:15)	2.	County Commissioners – Boards and Commissions – Annual Work Plans/Reports
(9:15 – 9:45)	3.	County Commissioners – Boards and Commissions Assignments
(9:45 – 10:00)	4.	Environment and Agricultural Center Project Update

Orange County Board of Commissioners' regular meetings and work sessions are available via live streaming video at http://www.orangecountync.gov/departments/board_of_county_commissioners/videos.php and Orange County Gov-TV on channels 1301 or 97.6 (Time Warner Cable).

ORANGE COUNTY
BOARD OF COMMISSIONERS

ACTION AGENDA ITEM ABSTRACT
Meeting Date: February 9, 2016

Action Agenda Item No. 2

SUBJECT: County Commissioners - Boards and Commissions – Annual Work Plans/Reports

DEPARTMENT: Board of Commissioners

PUBLIC HEARING: (Y/N) No

ATTACHMENT(S):
Listing of Annual Summaries

INFORMATION CONTACT:
Clerk's Office, 245-2130

PURPOSE: To provide feedback and/or direction on the list of boards and commissions' annual work plans/reports with their Chairs (or representatives) in attendance.

BACKGROUND: In the past, as part of the Board of Commissioners' annual planning and goal setting retreats, the Board requested and reviewed/provided feedback on annual summaries/work plans from the County's internal advisory boards and commissions. This information provided the Board with a yearly overview of the boards and commissions and their projected goals for the upcoming year. This particular process ended in 2007. The Board decided at its April 13, 2010 meeting to reinstate this process independent of the Board's annual retreats.

Boards and their representatives below:

- ABC Board — **Presentation made to the BOCC on February 2nd**
- Adult Care Community Advisory Board — **James Bartow, Member**
- Advisory Board on Aging — **Alex Castro, Jr., Chair**
- Affordable Housing Advisory Board — **Patsy Barbee, Chair**
- Agricultural Preservation Board — **Renee McPherson, Chair**
- Animal Services Advisory Board — **Warren Porter, Chair**
- Arts Commission — **Tim Hoke, Chair**

• Board of Adjustment	**Michael Harvey, Planning Staff**
• Board of Health	**Liska Lackey, Chair**
• Board of Social Services	**Tamara Dempsey-Tanner, Chair/Nancy Coston**
• Chapel Hill/Orange County Visitors	**Rosemary Waldorf, Chair**
• Commission for the Environment	**Lydia Wegman, Chair**
• Economic Development Advisory Board	**Donald (DR) Bryan, Chair**
• Historic Preservation Commission	**Susan Ballard, Chair**
• Housing Authority	**Jean Bolduc, Chair**
• Human Relations Commission	**Gerald Ponder, Chair and Monica Richard- Vice Chair**
• Nursing Home Community Advisory Committee	**Teri Driscoll, Chair**
• OUTBoard	**Heidi Perry, Chair**
• Parks and Recreation Council	**Neal Bench, Chair**
• Planning Board	**Lydia Wegman, Chair/Tony Blake-Vice Chair**

FINANCIAL IMPACT: None.

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

- **GOAL: ENABLE FULL CIVIC PARTICIPATION**
  Ensure that Orange County residents are able to engage government through voting and volunteering by eliminating disparities in participation and barriers to participation.

RECOMMENDATION(S): The Manager recommends the Board review the annual work plans from advisory boards and commissions and provide feedback and/or direction.

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

Report Period: 2015

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.

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:

   First year: Develops priority list of projects to request in TIP for BOCC approval.

   Second year: 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.

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

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NORTH CAROLINA

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Hillsborough, NC 27278

MEMORANDUM

TO: Board of County Commissioners
Bonnie B. Hammersley, County Manager

FROM: Abigaile Pittman, Transportation/Land Use Planner
Craig Benedict, Planning Director

CC: OUTBoard

DATE: November 18, 2015

SUBJECT: INFORMATION ITEM – Mebane Comprehensive Transportation Plan Project Including the Mattress Factory Road Interchange

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On November 5th the City of Mebane released a Request for Proposals (RFP) to engage a qualified private engineering and design firm or team for transportation planning services for a Comprehensive Transportation Plan (CTP). The project scope of services includes developing a comprehensive program of transportation improvements over a 10 to 20 period, including facilities, recommendations, and alternatives for the Mebane transportation system. Included in the scope of the project is the Mattress Factory Road interchange, located both in Orange County's and Mebane's jurisdictions.

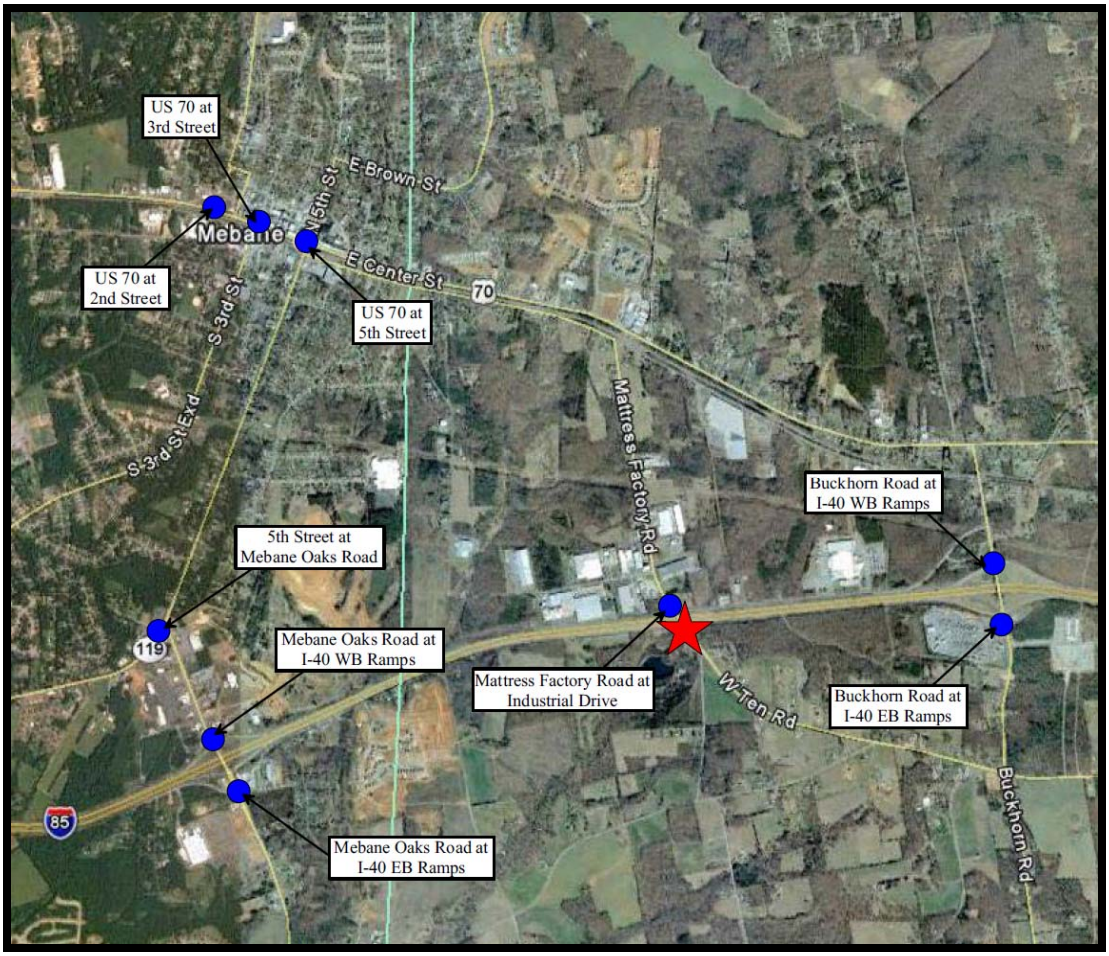
In November 2012 an Interchange Analysis and Corridor Study was completed for Mattress Factory Road. The report was a preliminary feasibility study to determine the effects of a potential interchange on the roadway network immediately surrounding the interchange. The scope of the study provided a conceptual interchange design, which included roadway configuration and potential right-of-way needs. Orange County staff has had concerns about the impact of the conceptual connections to the County's economic development area to the east, and has been suggesting that this design be re-visited.

Inclusion of the Mattress Factory Road interchange in this current project evolved in part from joint discussions earlier this year. In June, Planning staff met with City of Mebane staff to review Orange County's interest in working with Mebane to identify and protect future interchange access from Mattress Factory Road. The County has been

examining revisions to its access management plan for our nearby economic development area that will make connections via service roads to the Mattress Factory Road interchange. As development proposals come forward in this area in and around the 'future' Mattress Factory Interchange, the two jurisdictions should cooperate to develop a plan for a mutually agreeable alignment of the future feeder road system. NCDOT can find money easier when right-of-way and conceptual design has been accomplished.

The Burlington-Graham Metropolitan Planning Organization (BGMPO) has prioritized this project to develop recommendations for better integration of transportation modes in existing and future transportation corridors in Mebane. Funding sources for the planning effort include the Federal Highway Administration (FHWA) ($20,000) and the City of Mebane ($30,000).

The estimated completion date for the project is June 30, 2016. No funds are being requested from Orange County; however, staff will be consulted during the course of project development. Staff will keep the Manager and Commissioners informed regarding progress on this project and plans for the Mattress Factory Road interchange.



Mattress Factory Road 'Future' Interchange

NC Highway 54 West Corridor Study Scope

The NC Highway 54 corridor from Carrboro heading west to Alamance County has been the subject of discussion amongst neighboring jurisdictions and NCDOT over the past several years. The corridor in question runs from Old Fayetteville Road in the east to Interstate 85 in Graham in the west. The road currently experiences between 13,000 and 15,000 daily vehicles at western edge of the study corridor. Highway 54 runs through two watershed protection areas and is near at least one known historic resource. The area is rural, primarily low-density residential, and is extremely popular among recreational bicyclists.

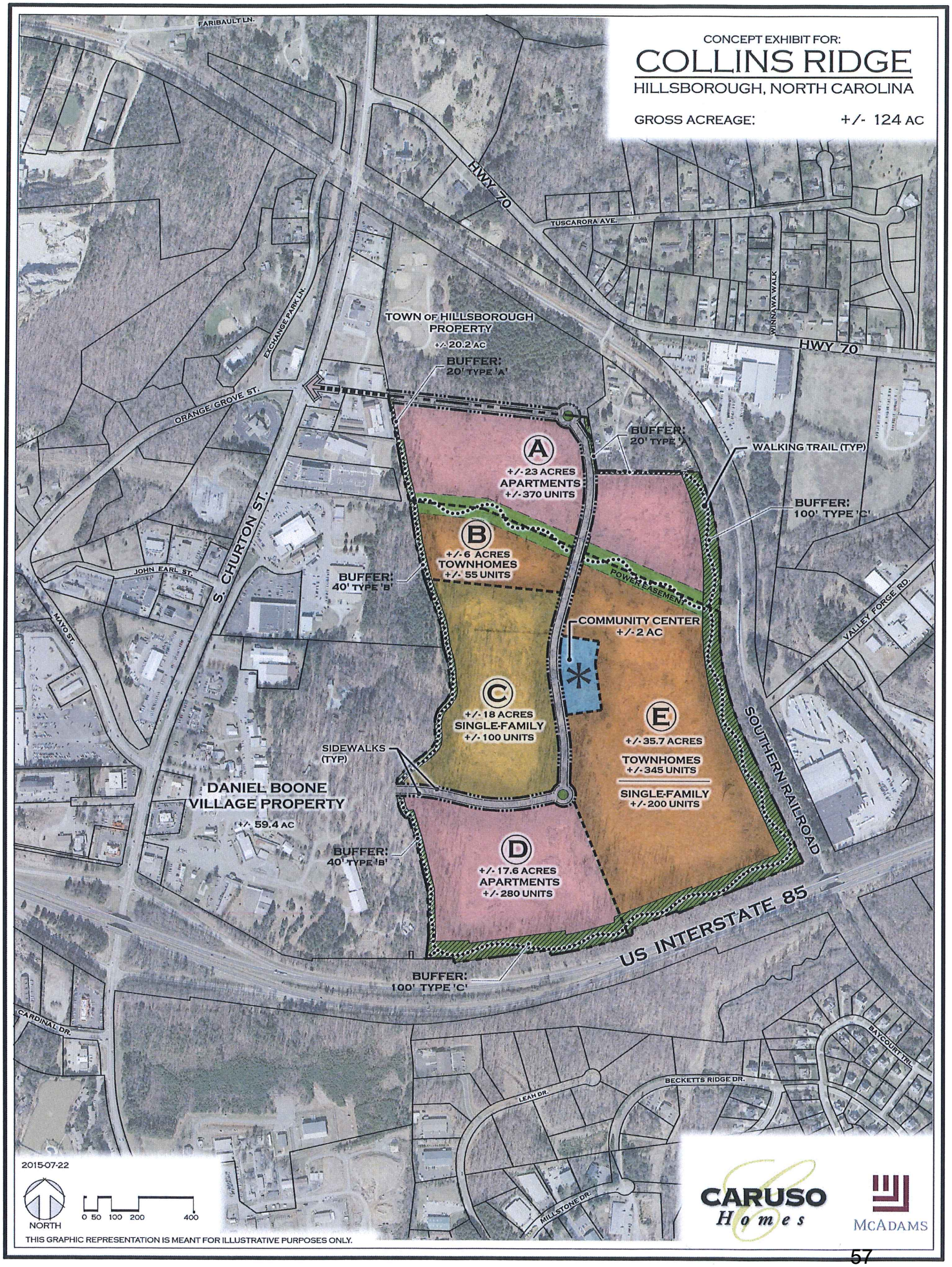
In 2013 Orange County submitted a project to widen the corridor to a four lane road with median to SPOT 3.0 and it was not funded in the current STIP, though the project remained in the 'holding tank' for SPOT 4.0. Carrboro opposed the widening and the MPO Board unanimously agreed to not accept a donation of points for the scoring of the project. NCDOT submitted the widening project to SPOT 4.0 despite opposition from Carrboro and Orange County. The two jurisdictions agreed to submit intersection and corridor safety improvement projects to SPOT 4.0 independent from the widening. The Town of Carrboro and Orange County believe that the contextual information about the significant and longstanding historical, planning, and transportation-alternative interests in the area provides support for the need for a corridor study to determine how best to maintain and improve mobility and access along NC 54.

The study should include:

- Analysis of existing conditions/Articulation of problem
    - Land use
    - State and local ordinances
    - Travel patterns and behaviors
        - ADT and hourly
        - O/D
        - Bike/ped
        - Historic trends
    - Transit service
- Future conditions
    - Land use/development potential
    - Travel patterns/behaviors
    - Employment changes (e.g. UNC and UNC Hospitals)
    - New transit/commute options
- Alternatives evaluation (including potential for bike and ped facilities; impacts on land use, environment, historic properties; ripple effects on other commute routes)
    - No-build
    - Context sensitive
    - Capacity expansion
- Strategies
    - Short-term vs. long-term

Total project cost: $150,000

- Local match (tentative) share between Carrboro and Orange County:
  - Orange = $19,200
  - Carrboro = $ 10,800
  - Local match financial participation is being sought for NCDOT Division 7 and Burlington Graham MPO which would reduce Orange County and Carrboro match.


CONCEPT EXHIBIT FOR:
COLLINS RIDGE
HILLSBOROUGH, NORTH CAROLINA
GROSS ACREAGE: +/- 124 AC
FARIBAULT LN.
HWY 70
TUSCARORA AVE.
WINNAWA WALK
HWY 70
EXCHANGE PARK LN.
ORANGE GROVE ST.
TOWN OF HILLSBOROUGH PROPERTY
+/- 20.2 AC
BUFFER: 20' TYPE 'A'
BUFFER: 20' TYPE 'A'
WALKING TRAIL (TYP)
A
+/- 23 ACRES
APARTMENTS
+/- 370 UNITS
BUFFER: 100' TYPE 'C'
B
+/- 6 ACRES
TOWNHOMES
+/- 55 UNITS
S. CHURTON ST.
JOHN EARL ST.
BUFFER: 40' TYPE 'B'
POWER EASEMENT
MAYO ST.
COMMUNITY CENTER
+/- 2 AC
VALLEY FORGE RD.
C
+/- 18 ACRES
SINGLE-FAMILY
+/- 100 UNITS
E
+/- 35.7 ACRES
TOWNHOMES
+/- 345 UNITS
SINGLE-FAMILY
+/- 200 UNITS
SOUTHERN RAILROAD
SIDEWALKS (TYP)
DANIEL BOONE VILLAGE PROPERTY
+/- 59.4 AC
BUFFER: 40' TYPE 'B'
D
+/- 17.6 ACRES
APARTMENTS
+/- 280 UNITS
US INTERSTATE 85
BUFFER: 100' TYPE 'C'
CARDINAL DR.
BAYCOURT TRL.
BECKETTS RIDGE DR.
LEAH DR.
MILLSTONE DR.
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THIS GRAPHIC REPRESENTATION IS MEANT FOR ILLUSTRATIVE PURPOSES ONLY.
CARUSO Homes
McADAMS

OUTBoard Update Handout - Item 6.h.

Collins Ridge Conference Call Notes

Date: January 12, 2016

Participants: Craig Benedict, Planning Director, Orange County
Tom Altieri, Comprehensive Planning Supervisor, Orange County
Michael Harvey, Current Planning Supervisor, Orange County
Abigaile Pittman, Transportation/Land Use Planner, Orange County
Margaret Hauth, Planning Director, Town of Hillsborough
Gene Tarascio, NCDOT Project Engineer, Western Region Project Dev.
Tony Houser, NCDOT Project Engineer, Central Region Roadway Design
Beverly Robinson, NCDOT Western Region Project Dev. Group Supervisor
Teresa Gresham, Transportation Engineer, Kimley-Horn & Associates

Purpose: Conference call was requested by Orange County to facilitate in any way possible the coordination among the Town of Hillsborough, Orange County, NCDOT and the developer to help advance improvement in this already congested area. Towards this purpose, discussions were primarily focused on the following issues:

1. Whether the Collins Ridge project provides an opportunity to advance other TIP projects in the area, specifically, Churton Street widening (U-5845) and the Orange Grove Road Extension (U-5848); and
2. Whether the project and associated TIA recommended transportation improvements will make implementation of the Churton Street and Orange Grove Road projects more challenging, more expensive, or less likely to score well through a future SPOT process:

Discussion: Major points of discussion follow:

- U-5845, the Churton Street widening is fully funded (a 28 million dollar project). Schedule information, subject to change was summarized by Tony Houser and provided in detail by email after the conference call:
    - Preliminary mapping and traffic forecasting: 2-2016
    - Receive traffic forecast and preliminary mapping: 8-2016
    - Capacity analysis: 11-2016
    - Purpose and need, and alternatives: 3-2017
    - Preliminary designs for alternates: 8-2017
    - Environmental Assessment: 2-2018
    - Combined corridor/design public hearing: 6-2018
    - Alternative selection: 10-2018
    - FONSI and 25% r/w plans: 2-2019
    - Hydrology: 3-6/2020
    - 65% plans: 6-2020
    - Final design field inspection: 9-2020
    - R/w plans complete: 2-2021
    - Pre-let field inspection: 6-2022
    - Let/construction: 2-2023

- U-5848, the Orange Grove Road Extension is fully funded (A 6 million dollar project). Schedule information, subject to change was broadly discussed by Tony Houser and provided in detail by email after the conference call:
    - Note: schedule the same as to the Churton Street widening.
- Tony Houser did not think that Collins Ridge improvements would make the Churton Street and Orange Grove Road projects more challenging, more expensive, or less likely to score will through a future SPOT process because there would still be sufficient capacity on the roads.
- Likewise he stated that the Churton Street and Orange Grove Road project schedules would not be advanced by the Collins Ridge improvements.
- The construction phasing for Collins Ridge development is proposed to begin in the north and include Orange Grove Road. Tony Houser, NCDOT stated that he had a preference for the developer to construct improved access at Orange Grove Street but to begin development farther south to allow time for the project alternatives to be developed and a decision made as to the final alignment, particularly since the alignment and design involves the future Train Station project and the not-at-grade connector across the railroad tracks to US 70. Margaret Hauth suggested that he contact the developer to discuss phasing.

Links: Following the meeting Margaret Hauth provided links to additional information about the Collins Ridge development and the contact information for the developer:

- Collins Ridge development information (TIA and master plan): http://www.ci.hillsborough.nc.us/dev-project/6418
- Caruso Homes contact - Randy Sexton - rsexton@carusohomes.com