

# Orange County CTP Survey - Handouts

## Survey Questions

We need YOUR input! Orange County is working with the NC Department of Transportation, the Triangle Area Rural Planning Organization, the Durham-Chapel Hill-Carrboro Metropolitan Planning Organization, and the Orange Unified Transportation Board to create a Comprehensive Transportation Plan (CTP) for the County. It will recommend improvements for highways, public transportation, and bicycle and pedestrian facilities over the next 25 to 30 years. Although the CTP does not schedule or fund improvements, it is an essential tool in guiding the safe and effective use of the County's transportation system. The purpose of this survey is to obtain your opinions and identify transportation issues that are important to the citizens, businesses, and officials of Orange County.

The due date for this survey is October 31, 2009. All answers are ANONYMOUS and will only be used for the purpose of public input for this plan.

1. If you wish to receive updates on the future developments of the Orange County Comprehensive Transportation Plan, please provide your email address (your information will remain confidential):

2. How important are the following transportation issues to you? (Please check the appropriate box for each choice.)

	Very Important	Important	Not Important
Increased walking and biking choices	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Increased bus options	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Increased rail options	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Increased park-n-ride options	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Increased carpooling and vanpooling options	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lessen long distance automobile travel times	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Service for low income, elderly, and disabled residents	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Economic growth	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Preserving the community/rural character and heritage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Protecting the natural environment, such as air and water quality	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sustainable and efficient use of natural and financial resources	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

3. To alleviate traffic congestion, what measures do you think should be used to improve a road? (Please choose your top three.)

	1	2	3
Build additional travel lanes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Widen existing lanes and/or adding shoulders	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Control the access of driveways and cross streets	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Add turn lanes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Improve intersection design and traffic signal timing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Add roundabouts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Use less frequent traffic signals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Provide an alternative means of transportation, such as bus, train, bicycle, or park-n-ride	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Promote carpooling and combining trips	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

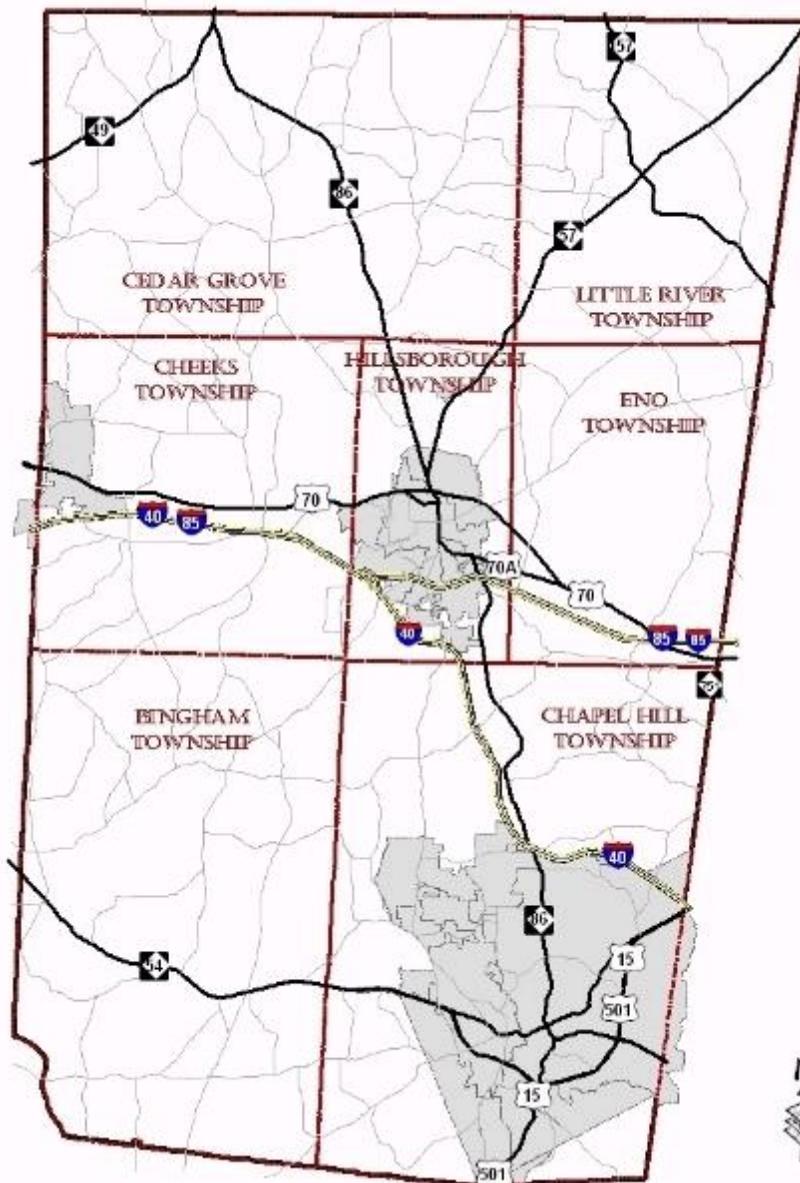
Please provide any other ideas:

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4. On which of the following major roadways in Orange County would you like to see improvement efforts focused? (Please choose your top three. Please refer to the map below for reference.)

	1	2	3
I-85	jn	jn	jn
I-40	jn	jn	jn
US 70 Bypass	jn	jn	jn
US 70 Business	jn	jn	jn
New NC 86	jn	jn	jn
NC 54	jn	jn	jn
NC 15-501	jn	jn	jn
NC 49	jn	jn	jn
NC 57	jn	jn	jn
NC 157	jn	jn	jn

Please elaborate with any specific locations, or with additional roadways you would like improved:



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5. When traveling to your area, do you find that you often must go out of your way to reach your destination, because the most direct route is too congested?

Yes

No

If yes, please provide examples of congested routes, including road names, starting area, and destination:

6. What problems with truck traffic affect your frequently traveled areas? (Please check all that apply.)

- Congestion
- Damage to existing roadways, curbs/gutters, signs
- Truck traffic on minor streets
- Safety

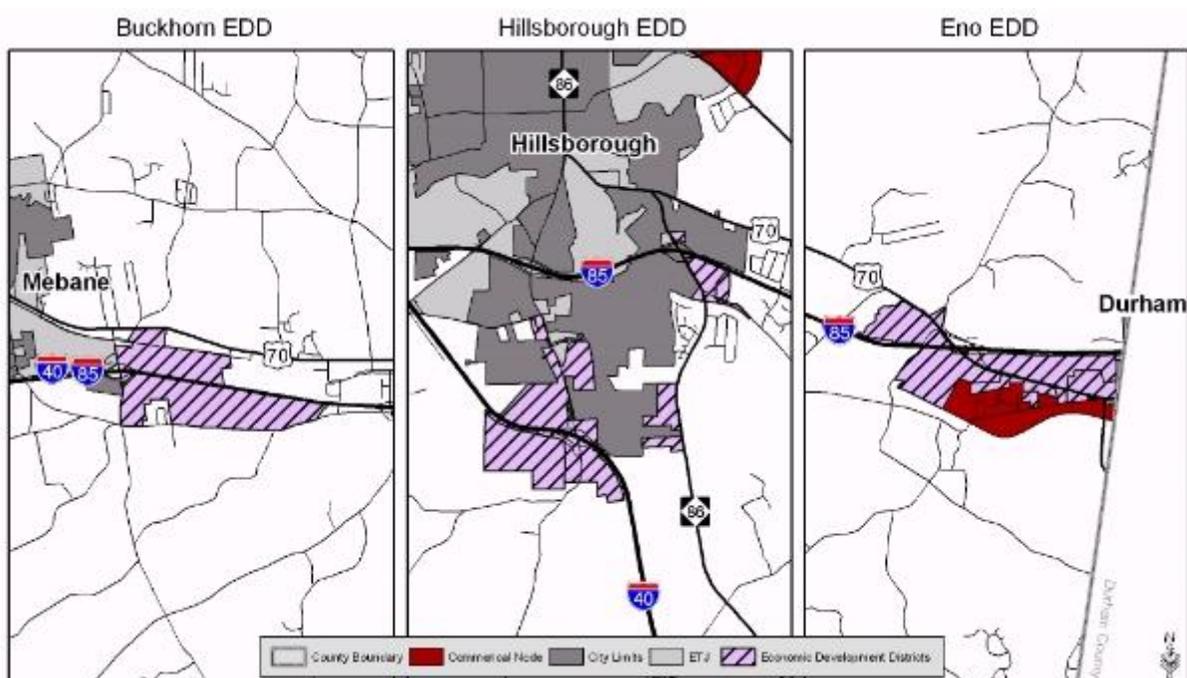
Please provide road names or locations:

7. Orange County has identified three Economic Development Districts in unincorporated areas targeted for future commercial development. Transportation networks will need to be considered if development is to be realized. Are you concerned if transportation networks currently in these districts can adequately support anticipated economic growth? (Please refer to the maps below for reference.)

Yes

No

If yes, please provide the location(s), including road name or intersection:



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8. Are you concerned with safety or crash problems at any specific locations? Please include vehicle, bicycle, and pedestrian issues.

Yes

No

If yes, please provide the locations, including road name or intersection:

9. Are safe and convenient bicycle routes important to you?

Yes

No

If yes, please identify specific routes on which you would like to see improvement or new facilities, such as wider shoulders, bike lanes, or off-road greenways. (Example: Please put bike lanes on XYZ Road.)

10. Are safe and convenient walking routes important to you?

Yes

No

If yes, please identify specific routes on which you would like to see improvement or new facilities, such as sidewalks, crosswalks, or off-road greenways. (Example: Please put sidewalks on ABC Road from 123 Street to downtown.)

11. To which destinations would you like to have taxi, bus, or van service? (Please check all appropriate boxes.)

Downtown Durham

Mebane

Roxboro

NC Central University

Burlington

Chatham County

UNC Hospital

Carrboro

Yanceyville

Duke Hospital

Chapel Hill

Danville, VA

RDU Airport

RTP

Hillsborough

Raleigh

Other (specify below)

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12. The Strategic Highway Corridors initiative of NCDOT states that the long-range vision (in 25-30 years) for the NC 86 corridor in Orange County (from Hillsborough to the North) is an Expressway. The goal of Strategic Highway Corridors is to maintain mobility and connectivity throughout North Carolina on core highway corridors, and NC 86 serves as a primary connector from Danville, VA to the Triangle area. An Expressway is a median divided facility, usually with 4 lanes. The speed limit is 45-60 mph with no traffic signals. Connections are made at interchanges, public roads, and right-in/right-out driveways.

Which of the following would you suggest for a north-south corridor to achieve this goal? (Please check any you would support.)

(Please refer to the map below for the current alignment of the NC 86 corridor from Hillsborough to the North [dashed line] in Orange County, and refer to the image below for an Expressway example. Visit [www.ncdot.org/doh/preconstruct/tpb/SHC/](http://www.ncdot.org/doh/preconstruct/tpb/SHC/) for more information on Strategic Highway Corridors.)

- Keep/use existing NC 86 corridor
- Re-route the north-south corridor to other roads (specify roads below)
- Construct a completely new north-south corridor
- Keep/use existing NC 86 corridor with a new western bypass of Hillsborough
- Keep/use existing NC 86 corridor with a new eastern bypass of Hillsborough
- Do not improve NC 86 to an expressway to provide north-south access
- Other (specify below)

Please elaborate on above choices:



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13. A critical issue affecting traffic flow in the county is traffic through downtown Hillsborough. A preliminary comparison of traffic performance measures based on a recent Elizabeth Brady Road Extension study indicated the three most effective alternatives would reduce traffic congestion in downtown Hillsborough by only 16% .

Other multi-modal alternatives might help reduce congestion. Which would you choose to address this issue? (Check any that apply.)

- Intra-Hillsborough transit service
- Bicycle lanes, sidewalks, or multiuse paths
- Increased transit service from Hillsborough to Chapel Hill with park-and-ride lot north of Hillsborough
- Improved road access from northern Orange County to I-85 and I-40
- Park-and-ride lot in northern Orange County with feeder transit service to regional transit transfer points (example, feeder service to multi-modal transit center)
- Combination of alternatives (specify below)
- Other means (specify below)

Please provide your suggestions:

14. What other transportation issues would you like to see addressed in Orange County? Is there anything we forgot to ask?

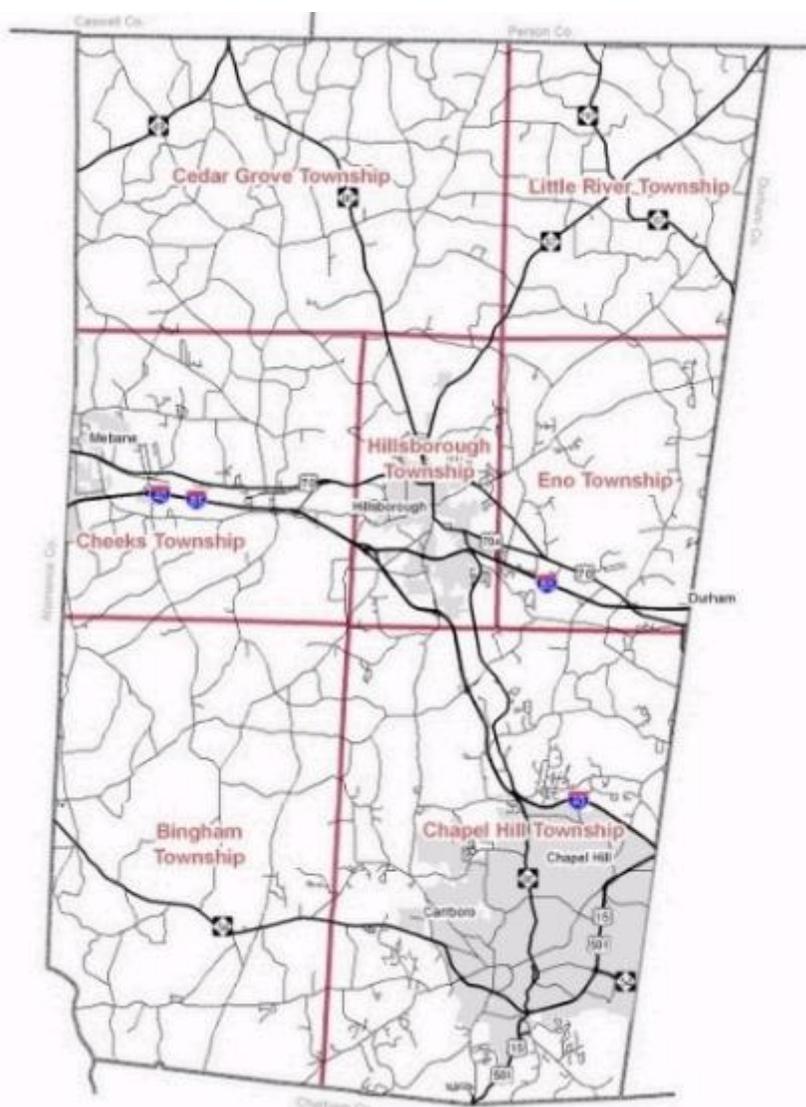
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## Demographic Information

In the remaining questions, we would like to verify that this survey has reached a wide variety of our residents. Research has found that factors such as age, race, and income affect travel behavior. Therefore, while strictly anonymous, the following questions are important. They are optional and for informational purposes ONLY.

15. In what community of Orange County do you live? (If you live in an unincorporated area, please choose a township (TS) from the map below.)

- |   |   |  |
|---|---|--|
| <input type="checkbox"/> Town of Carrboro   | <input type="checkbox"/> City of Mebane   | <input type="checkbox"/> Cheeks (TS)       |
| <input type="checkbox"/> Town of Chapel Hill  | <input type="checkbox"/> Bingham (TS)     | <input type="checkbox"/> Eno (TS)          |
| <input type="checkbox"/> Town of Hillsborough   | <input type="checkbox"/> Cedar Grove (TS) | <input type="checkbox"/> Hillsborough (TS) |
| <input type="checkbox"/> City of Durham   | <input type="checkbox"/> Chapel Hill (TS) | <input type="checkbox"/> Little River (TS) |
| <input type="checkbox"/> Other (please specify your involvement or tie to the county) |   |  |



16. What is your age?

- |                                   |                                |                                  |
|-----------------------------------|--------------------------------|----------------------------------|
| <input type="checkbox"/> Under 18 | <input type="checkbox"/> 35-44 | <input type="checkbox"/> 65-74   |
| <input type="checkbox"/> 18-24    | <input type="checkbox"/> 45-54 | <input type="checkbox"/> Over 74 |
| <input type="checkbox"/> 25-34    | <input type="checkbox"/> 55-64 |                                  |

17. How would you classify your race? (Please check all that apply.)

- |                                |  |                                |
|--------------------------------|--|--------------------------------|
| <input type="checkbox"/> Asian | <input type="checkbox"/> Hispanic        | <input type="checkbox"/> White |
| <input type="checkbox"/> Black | <input type="checkbox"/> Native American | <input type="checkbox"/> Other |

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18. How many people live in your household, including yourself?

- 1
- 2
- 3
- 4
- 5
- 6
- 7+

19. What was your household income last year?

- Below \$30,000
- \$30,000 - \$49,999
- \$50,000 - \$69,999
- \$70,000 - \$89,999
- \$90,000 or above
- I choose not to answer

20. Where did you get this survey?

- Library
- Post Office
- Local Store or Shop
- Government Building
- Community Building
- Mail
- Newspaper
- Government Website
- TV
- Meeting
- Email
- Social Networking Website

Other (please specify):

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Thank you for your participation in this survey! Your input is vital in developing a plan that meets the needs of the residents and visitors of Orange County. Please feel free to make copies or share the survey website ([www.surveymonkey.com/orangecounty](http://www.surveymonkey.com/orangecounty)) with your family and friends as well - all input is welcome! To request extra copies of the survey, use the contact information at the bottom of this page.

Please return this survey by October 31, 2009. You may return it at the same location you picked it up, or you may mail it to the following address:

Sarah Ezell  
NCDOT Transportation Planning Branch  
1554 Mail Service Center  
Raleigh, NC 27699-1554

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Survey results should be available by November 9, 2009. You may view them on the website at the bottom of this page. You may also use the contact information at the bottom of this page to request a copy of the results.

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For further information, please contact:

Email: [OrangeCTP@co.orange.nc.us](mailto:OrangeCTP@co.orange.nc.us)  
Phone: (919) 245-2594

OR please visit the following website:

Orange County Comprehensive Transportation Plan:  
[www.ncdot.org/doh/preconstruct/tpb/planning/orangecounty.html](http://www.ncdot.org/doh/preconstruct/tpb/planning/orangecounty.html)