

Highway -- Comments Received

<u>Source</u>	<u>How Addressed?</u>	<u>Jurisdiction</u>
General Items to Check/Consider/Add		
For realignment of roads, take existing portion off map if existing were to dead end due to new alignment, i.e. Eno Mountain Rd, Leesville Rd, Red Mill Rd, Riddle Rd and Globe Rd.	<u>Change</u> . Highway Maps/Tables - Removed Eno Mountain Rd, Leesville Rd dead ends, Riddle Rd, Globe Rd and Red Mill Rd.	Durham/ Hillsborough/ Orange
For road improvements part on new location and part on existing, change part on existing to "Needs Improvement", i.e. Midland Terrace.	<u>Change</u> . Highway Maps/Tables - Changed Midland Terrace part on existing to "Needs Improvement".	Durham
With US 15-501 upgrade to freeway, there are concerns over freeway interchange separation distances. The distance between I-40 interchange and US 15-501 proposed interchange at SW Durham Dr is about 0.5 mi.	<u>Change</u> . Highway Maps/Tables - Changed US 15-501/SW Durham Dr proposed interchange to a grade separation since less than standard preferred 1 mile gap due to weaving movement concerns.	Durham
Shorten Complete Streets map notes.	<u>Change</u> . All Maps - Shortened map note; no change in significance.	All
Subcommittee Meeting – Durham Staff		
<u>In relation to Key Projects sheet:</u>		
#1. I-40 (Wake to NC 147) – ok (12 lanes w/ 4 ML)	<u>No change</u> . Already in recommendation as 12 lanes with 4 managed lanes.	Durham
#2. I-40 (NC 147 to NC 54) – 10 lanes Max w/ min. 2 ML	<u>Change</u> . Highway Maps/Tables - Changed cross-section to 10B, 10 lanes with min. 2 managed lanes; 2 to 4 managed lanes.	Durham
#2. I-40 (NC 54 to US 15-501) – 8 lanes w/ 2 ML	<u>No change</u> . Already in recommendation as 8 lanes with 2 managed lanes.	Durham
#4. EEC – Add “Under Constr.”; add plus 2 lanes [Note: ID of TIP# will take care of “Under Constr.”]	<u>Change</u> . Highway Maps/Tables - Changed existing lanes to 0 and kept status as Recommended, since project is under construction. Made table note.	Durham
#7. US 15-501 Bus -- change limits to University Dr.	<u>No change</u> . Change only needed on Key Projects sheet.	Durham
#10. US 501 Bus/Roxboro Rd – make 4 lane w/median	<u>Change</u> . Highway Maps/Tables - Changed cross-section to 4G, 4 lanes with narrow median.	Durham
#14. NC 54 -- "Add travel lanes" --> be specific for ea. Section (in Key Projects sheet)	<u>No change</u> . Change only needed on Key Projects sheet.	Durham
#15. Avondale -- add multi-use path	<u>No change</u> . Change only needed on Bike/Ped maps and tables.	Durham
#16. NC 98 (east of US 70) -- change to Blvd, 4 lane w/narrow median	<u>Change</u> . Highway Maps/Tables - Changed cross-section to 4G, 4 lanes with narrow median.	Durham
#19. Brier Creek -- change to 3 lanes	<u>Change</u> . Highway Maps/Tables - Changed cross-section to 3B from Wake Co to Andrews Chapel Rd, to 3A from Brier Creek Pkwy Ext to Leesville Rd	Durham
#20. Broad St (south of Carver St) – 2-lane modernization (CHECK RD WIDTH)	<u>Change</u> . Highway Maps/Tables - Changed cross-section to 2C, 2 lane modernization.	Durham

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<u>Source</u>	<u>How Addressed?</u>	<u>Jurisdiction</u>
#21. Carpenter Fletcher Rd – delete improvement (current bike/ped project)	<u>Change</u> . Highway Maps/Tables - Changed to existing and cross-section to ADQ (adequate), bicycle and pedestrian improvements are underway.	Durham
#23. Carver St -- change limits to Guess to Roxboro Rd	<u>No change</u> . Change only needed on Key Projects sheet.	Durham
#24. Carver St Ext. -- under construction? (CHECK)	<u>Change</u> . Problem Statement - Added to Reference Problem Statements.	Durham
#27. Crown Pkwy/Roche Dr – existing 3 lane section, recommend 2-3 lanes, not blvd	<u>Change</u> . Highway Maps/Tables - Changed cross-section to 3B, 3 lanes to match existing Crown Pkwy.	Durham
#30. Falconbridge Rd Ext -- check if correct: name and limits (Farrington Rd to NC 54)	<u>Change</u> . Highway Maps/Tables - Changed name of recommended road to match PS; no change to limits, they are correct.	Durham
#33. Fayetteville Rd -- change limits to NC 751, not Scott King	<u>No change</u> . Change only needed on Key Projects sheet.	Durham
#40. Hopson Rd Ext. -- change to 2 lanes divided	<u>No change</u> . Already in recommendation as 2 lanes divided, cross-section 2J.	Durham
#47. Olive Branch Rd – 2-lane modernization (traffic proj. only 12.9k)	<u>Change</u> . Highway Maps/Tables - Changed cross-section to 2B, 2 lane modernization.	Durham
#56. SW Durham Dr/Farrington Rd (south of Old Durham-Chapel Hill Rd) – change to 4 lane divided to Falconbridge Rd Ext.	<u>Change</u> . Highway Maps/Tables - Changed cross-section to 4D, 4 lanes with median.	Durham
<u>Other additional changes:</u>		
Massey Chapel Rd (Fayetteville Rd to Herndon Rd) – add as minor w/new alignment with Massey Chapel west of Fayetteville Rd	<u>Change</u> . Highway Maps/Tables - Added as Minor Thoroughfare, Recommended, 2B.	Durham
Grandale Rd – add as minor	<u>Change</u> . Highway Maps/Tables - Added as Minor Thoroughfare, Existing.	Durham
ACC Blvd – add as minor	<u>Change</u> . Highway Maps/Tables - Added extension as Minor Thoroughfare, Recommended, 3B to match existing ACC Blvd.	Durham
Leesville Rd (south of Carpenter Pond Rd) – change to 3 lanes	<u>Change</u> . Highway Maps/Tables - Changed cross-section to 3A, south of Carpenter Pond Rd Ext.	Durham
Carpenter Pond Rd (north of Leesville Rd) – change to 2 lanes	<u>Change</u> . Highway Maps/Tables - Changed cross-section to 2B, 2 lane modernization from Leesville Rd to Olive Branch Rd.	Durham
Pettigrew St (near downtown) – add as minor	<u>Change</u> . Highway Maps/Tables - Added as Minor Thoroughfare, Needs Improvement from W Chapel Hill St to S Alston Ave to be coordinated with D-O LRT project, and Existing from S Alston Ave to S Briggs Ave.	Durham
Pickett Rd (east of Tower Blvd) – add as minor	<u>Change</u> . Highway Maps/Tables - Added as Minor Thoroughfare, Existing.	Durham
Fifteenth St (Hillsborough St to Erwin Rd) – add as minor	<u>Change</u> . Highway Maps/Tables - Added as Minor Thoroughfare, Existing.	Durham
Glenn Rd (east of NDP) – add as minor	<u>Change</u> . Highway Maps/Tables - Added as Minor Thoroughfare, Existing.	Durham

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Source	How Addressed?	Jurisdiction
Snow Hill Rd (at Old Oxford Rd) – move realignment/intersection further north (middle of existing and previously proposed intersection)	<u>Change.</u> Highway Maps/Tables - Realigned Snow Hill Rd Ext.	Durham
In relation to public (M. Waldroup's) comments:		
With improvement of US 15-501 to Freeway and with DOLRT alignment having proposed station at Patterson Place, preserve ROW for backage/frontage roads and GS footprint and also improve access to DOLRT proposed station.	<u>Change.</u> Highway Maps/Tables - Added Danziger Dr. as minor tf existing. Added Sayward Dr. as minor tf, needs improvement, with connection to Danziger Dr. Added new location extension of Sayward Dr as minor tf to US 15-501 with Grade Separated crossing. Added New Hope Commons east of Mt. Moriah Rd. and new location extension to new Grade Separated crossing.	Durham
City of Durham – Staff		
Recommended changes to note the need for bicycle facilities as part of the road improvement:		
The Bicycle Facility Recommendation needs to match the recommendations in the Highway cross sections. If the Bicycle map identifies the need for a Bicycle Lane, the proposed 2040 Cross Section must be one that includes bicycle lanes and/or a shared use path where appropriate.	<u>Change.</u> Highway Maps/Tables - Reviewed highway cross-section recommendations for matching with recommended bicycle facility types.	Durham/ Orange
US 501BUS (Roxboro St – North) from Old Oxford Rd to E Club Blvd.: Change from 5A to a cross section that has bicycle lanes and/or a shared use path.	<u>Change.</u> Highway Maps/Tables - Changed cross-section to 4G, 4 lanes with narrow median.	Durham
US501 (Duke St) from I-85 to W Carver St: Change from 6F to a cross section that has bicycle lanes and/or a shared use path.	<u>No change.</u> Already in recommendation as 4GSS (Synchronized Street), 4 lane divided cross-section, which has bicycle lanes.	Durham
US 501 (Roxboro Rd) from Infinity to Milton: Change from 6A to a cross section that has bicycle lanes and/or a shared use path.	<u>Change.</u> Highway Maps/Tables - Continued recommendation from Duke St. of 4GSS (Synchronized Street), 4 lane divided cross-section, which has bicycle lanes.	Durham
US 70 from East End Connector to I-85: Change from 6B to a cross section that has bicycle lanes and/or a shared use path.	<u>No change.</u> Bicycle/Pedestrian Maps/Tables - Changes needed here only. 6 lane cross-sections do not have bicycle lanes due to expected traffic volumes and large number of lanes.	Durham
US 70 from Pleasant Dr to Wake County Line: Change from 6B to a cross section that has bicycle lanes and/or a shared use path.	<u>No change.</u> Bicycle/Pedestrian Maps/Tables - Changes needed here only. 6 lane cross-sections do not have bicycle lanes due to expected traffic volumes and large number of lanes.	Durham
NC55 (S Alston Ave) from NC 147 to Holloway St: Change from 4F to 4G.	<u>Change.</u> Highway Maps/Tables - Changed cross-section to 4G, 4 lanes with median and bicycle lanes.	Durham
NC751 from Erwin to US-15-501: Change from 4C to 4D	<u>Change.</u> Highway Maps/Tables - Changed cross-section to 4D, 4 lanes with median and bicycle lanes.	Durham

Highway -- Comments Received

<u>Source</u>	<u>How Addressed?</u>	<u>Jurisdiction</u>
NC98 from US 70E to N Miami, and Junction to US70E: Change from 5A to a cross section that has bicycle lanes and/or a shared use path.	<u>Change</u> . Highway Maps/Tables - Changed cross-section to 4G, 4 lanes with median and bicycle lanes. Where portions of NC 98 are currently being improved by EEC project, 4G is a separate recommended improvement.	Durham
Broad St from Carver to Stadium: Change from 3B to 3C	<u>Change</u> . Highway Maps/Tables - Changed cross-section to 2E, 2 lane modernization with bicycle lanes.	Durham
Erwin Road from Cameron to LaSalle and Fulton to LaSalle: Change from 4C to 4D.	<u>Change</u> . Highway Maps/Tables - Changed cross-section to 4D, 4 lanes with median and bicycle lanes.	Durham
Erwin Rd from Anderson to Fulton: Change from 4C to 4D.	<u>Change</u> . Highway Maps/Tables - Changed cross-section to 4D, 4 lanes with median and bicycle lanes.	Durham
Riddle Rd from Fayetteville to NC 55 and Ellis to NC 55: Change from 3B to 3C.	<u>Change</u> . Highway Maps/Tables - Changed cross-section to 3C, 3 lanes with bicycle lanes.	Durham
Tower Blvd from Durham Ch Hill to US 15-501 entrance ramp: Change from 5A to a cross section that has bicycle lanes and/or a shared use path.	<u>Change</u> . Highway Maps/Tables - Changed cross-section to 4F, 4 lanes with narrow median. No bicycle lanes due to safety concern with heavy turning movements here and no bicycle route connectivity.	Durham
Durham Bicycle & Pedestrian Advisory Commission		
<u>General comments:</u>		
Eliminate cross-sections 4C and 5A from use in CTP. These cross-sections allow wide outside lanes (4C) and program five-lane sections, which present conflicts with turning movements for bicycles and are difficult to cross for pedestrians (5A).	<u>Change</u> . Highway Tables/Maps - Eliminated recommended 5-lane cross sections because of safety concerns. For example, Roxboro Rd. (north of I-85) and NC 98 (east of US 70) are 4-lane divided. Eliminated urban Durham 4-lane divided cross-sections that had wide outside lanes instead of bicycle lanes, due to safety concerns (except Tower Blvd; see note above.)	All
At edge of urban areas, bicycle lanes are a more appropriate treatment on some routes that are currently listed as "paved shoulder." Change appropriate routes to "bicycle lanes."	<u>Change</u> . Highway Maps/Tables - Changed Riddle Rd cross-section to 3C, 3 lanes with bicycle lanes.	Durham
Subcommittee Conference Calls and Email Discussions – Orange Co & Hillsborough Staff		
<u>In relation to Comments received from Orange County BOCC, OUTBoard & Planning Director:</u>		
NC 54 (west of Carrboro)- remove mention of widening	<u>Change</u> . Highway Maps/Tables - Changed to 2A, mjr thoroughfare NI. Intersection/operational improvements only. Upcoming Corridor Study to determine future improvements.	Carrboro/ Orange
NC 86 - Add mention of bus service on NC 86 north to Cedar Grove	<u>Change</u> . Problem Statement - Will add note in PS of OPT's Midday Connector that is existing and goes to Cedar Grove.	Orange

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<u>Source</u>	<u>How Addressed?</u>	<u>Jurisdiction</u>
Hillsborough Bypass: Eastern, Western and Southern "Alternate Routes" -- Consider adding existing roads along suggested Alternate Routes to map as needed. Develop PS for Hillsborough "Alternate Routes" highlighting use of existing roads to divert some traffic off Churton versus new location bypass facility.	<u>Change</u> . Problem Statement - Add concerns/suggestions to S Churton St Problem Statement only.	Hillsborough/ Orange
I-85 (I-40 to Durham County Line) – Revise to state that congestion already exists	<u>Change</u> . Problem Statement - Will revise Problem Statement.	Orange
South Churton Street – provide vehicle count	<u>Change</u> . Problem Statement - Will add to Problem Statement.	Orange
Differentiate between New NC 86 and Old NC 86. Specifically in relation to the I-40 Widening project. The Hillsborough exit is Old NC 86.	<u>No change</u> . Tables/Maps - Reviewed tables and names are appropriate. Problem Statements - Will add clarification in I-40 PS for "New" NC 86 to be "NC 86 (Chapel Hill exit)" and "Old" NC 86 to be "Old NC 86 (Hillsborough exist)."	Hillsborough/ Orange
Confirm widening project on South Columbia Street.	<u>No change</u> . No widening project recommended.	Chapel Hill/ Orange
Confirm which rail crossings in Hillsborough are to be closed and which are to remain open.	<u>No change</u> . None of the CTP network roadway crossings of railroads are planned to be closed.	Hillsborough/ Orange
Old NC 86 -- Add in comments the consideration of 2 options: on-road bike with sight issue improvements, or separate mu path; check hwy x-section to be consistent with onroad bike	<u>Change</u> . Highway Maps/Tables - Noted need for on-road bicycle accommodations and sight improvements or separate multi-use path.	Orange
Rosemary St/Main St -- extend bike lanes; check hwy x-section to be consistent	<u>Change</u> . Highway Maps/Tables - Changed E Main St to 3C with bicycle lanes from 4 lanes. Bicycle Maps/Tables - Add bicycle lanes on E Main St and Rosemary St in Carrboro to match Rosemary bicycle improvements in Chapel Hill.	Chapel Hill/ Carrboro
Eno Mountain Road/Mayo Street/Orange Grove Road Intersection – revise to include information about development on the corner (townhouses); also refer to Collins Ridge	<u>Change</u> . Problem Statement - Will mention development in Problem Statement.	Hillsborough/ Orange
Eubanks Road – mention Duke Forest for conservation purposes	<u>Change</u> . Problem Statement - Will mention Duke Forest conservation in Problem Statement.	Orange
Eubanks Extension -- extend to Albert Rd at Union Grove Ch Rd.	<u>Change</u> . Highway Maps/Tables - Added Lucy Ln and Albert Rd as needs improvement to 2A. Extended Lucy Ln to Union Grove Church Rd at Albert Rd.	Orange
On Mt. Carmel Church Rd, Bennett to Parker Rd, change to 3C to provide bicycle lanes. From Parker Rd to Farrington Mill Rd, change to 2B for upgrade to standard 2 lane road with bicycle accommodations.	<u>Change</u> . Highway Maps/Tables - Change, from Bennett to Parker Rd, to 3C to provide bicycle lanes. Change, from Parker Rd to Farrington Mill Rd, to 2B for upgrade to standard 2 lane road with bicycle accommodations.	Chapel Hill/ Orange

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Consider alternative methods for reducing traffic congestion as opposed to roadway widening, such as congestion charging schemes, dynamic tolling, reserved bus and carpool lanes.	<u>No change</u> . The CTP has managed lanes on I-40 and NC 147 (Durham Freeway). Chapel Hill has four Bus Rapid Transit recommended routes.	Durham/ Chapel Hill
Shoulders should be added to rural roads which are heavily traveled by cyclists, or on rural roads in general.	<u>No change</u> . The CTP has many recommendations for bicycle accommodations in the rural areas.	All
NCDOT's Mission says nothing about one mode of travel being more important than another, but by having a scoring system that scores highly when adding travel lanes not designated for buses or high-occupancy vehicles, it seems to be giving single occupancy vehicles and their drivers an advantage over other modes of transport, thereby promoting their use.	<u>No change</u> . The CTP does not prioritize nor score projects for funding. Will forward comment to NCDOT SPOT Office.	All
When roads are re-paved, resist the urge to widen the car lanes, and instead add wide shoulders that can serve more than one purpose (eg., safe pull-off for a disabled car, space for an emergency vehicle, or a space for bikes to use)	<u>No change</u> . The CTP does not address re-paving. NCDOT Division Offices already communicate with local governments on shoulder needs when re-paving.	All
Carrboro Board of Alderman Resolution		
I-40 expansion - Consider maximizing high occupancy vehicle lanes (HOV) as a managed use	<u>No change</u> . Will add concerns/suggestions for I-40 with changes to Problem Statements.	All
NC 54 west - Accommodate anticipated capacity needs with intersection improvements rather than widening. Widening is inconsistent with the land use policies.	<u>Change</u> . Highway Maps/Tables - Changed to 2A. Intersection/operational improvements. Upcoming Corridor Study.	Carrboro/ Orange
E. Main Street - Change cross-section from Rosemary St to Weaver Rd and Roberson St to show 2 lanes, center turn lane, and protected bike lanes. The current highway CTP shows that the current cross-section is adequate for the 2040 capacity. The bike and multi-use CTP shows the Campus to Campus Connector along E. Main Street from Roberson Street to Lloyd Street as the only improvement.	<u>Change</u> . Highway Maps/Tables - Changed E Main St to 3C with bicycle lanes from 4 lanes. Change to Rosemary St will be only on bicycle map to match Rosemary bicycle improvements.	Carrboro

Highway -- Comments Received

<u>Source</u>	<u>How Addressed?</u>	<u>Jurisdiction</u>
Hillsborough Rd - Change cross-section from W. Main St to N. Greensboro St to show narrow lanes and protected bike lanes. Road is heavily traveled by cyclists and pedestrians, incl. children going to/from Carrboro Elem. School. Current cross-section is adequate for 2040 volume with v/c of 0.3, so plenty of roadway to dedicate to bicycles.	<u>Change</u> . Bicycle Maps/Tables - Changed Hillsborough Rd to needs improvement with protected bicycle lanes.	Carrboro
Town of Cary Staff		
In Cary, change Yates Store Rd Extension to 4 lane divided with wide outside lanes. Add existing Yates Store Rd Extension to network.	<u>Change</u> . Highway Maps/Tables - Change Yates Store Rd Extension to 4F. Added existing Yates Store Rd Extension with needs improvement to 4F.	Cary
NCWildlife Resources Commission		
Comments on highway improvements' impacts on wildlife and their habitats.	<u>No Change</u> . Problem Statements - Will add wildlife impacts comments in report, specifically in Problem Statement for roadway project listed.	All
Public Comments		
Modernize Millstone Drive since New Collector street extends to Millstone Dr.	<u>No change</u> . Facility type of New Collector street, that connects to Millstone Dr across I-85, is uncertain at this time.	Hillsborough
Add Carver Street Extension as a referenced project.	<u>Changed</u> . Identified Carver Street Extension as a referenced project that is under construction.	Durham
Add <u>Stallings Road</u> extension to create four-leg intersection with Olive Branch Road, which is in the Wake-Durham Street System plan.	<u>No change</u> . Staff believe public or private funding to build this extension is very unlikely. NC 98 Corridor Study will address this suggested extension.	Durham
Incorporate impacts of <u>autonomus vehicles</u> into CTP.	<u>No change</u> . As the impacts and timing of autonomous vehicles become known, they will be incorporated into subsequent CTP versions.	All
Add more EV (electric vehicle) <u>charging stations</u> in Carrboro, either by government installation or incentives to private entities.	<u>No change</u> . The CTP does not designate fuel stations. This comment was forwarded to Carrboro planning staff.	Carrboro
Show how priorities change when focus shifts to <u>carbon</u> and <u>energy</u> use reduction.	<u>No change</u> . The CTP strongly supports non-auto transportation, e.g., light rail, commuter rail, bus rapid transit, and bicycel and pedestrian facilities.	All
Coordinate the <u>NC 54/Farrington Road</u> intersection improvements by the developer with the CTP grade separation.	<u>No change</u> . MPO/NCDOT staff forwarded this coordination recommendation to City of Durham staff.	Durham
Use dynamic tolling and congestion charges.	<u>No change</u> . The CTP has managed lanes on I-40 and NC 147 (Durham Freeway).	All

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<u>Maintenance</u> needs to be considered.	<u>No change</u> . The CTP does not designate maintenance programs and projects. However, the DCHC MPO's CTP does emphasize roadway improvements over new roads.	All
Reduce the speed limit on <u>N Greensboro Street</u> in Carrboro from Estes Drive to E Main Street.	<u>No change</u> . The CTP does not designate speed limits.	Carrboro

Transit -- Comments Received

Source	How Addressed?	Jurisdiction
General Items to Check/Consider/Add		
Shift location of DO-LRT to west side of I-40 in accordance with existing plans.	<u>Change</u> . Rail Map - Shifted alignment to better match existing plans.	Durham/Orange
Carrboro Board of Alderman Resolution		
Supports transit improvements and is cognizant of citizen concerns relating to the increasing costs for the Durham-Orange Light Rail Transit project and the North-South Corridor Bus Rapid Transit project, as well as the potential need to reallocate funding for other transportation projects such as bike and pedestrian improvements, which may provide more direct benefit to Carrboro residents.	<u>No change</u> . The CTP is not fiscally constrained and does not provide funding detail.	Carrboro
Timely dissemination of updates relating to both the cost and scheduling of these projects will be critical to their success moving forward.	<u>No change</u> . MPO/NCDOT staff forwarded this update recommendation to GoTriangle and CHT staff.	Carrboro
Emphasizes the importance of "enhanced feeder bus services and access improvements, including direct access, that will enable Carrboro residents to utilize these transit projects."	<u>No change</u> . Recommended Feeder Bus Services are already in the plans. CHT Mason Farm Feeder connects Carrboro Park and Ride lots and downtown to Mason Farm DOLRT Station. CHT Carrboro BRT Feeder connects Hillsborough Rd and Estes Dr to N-S BRT at Park and Ride lot on NC 86 (MLK).	Carrboro
Future transit proposals should explore and better articulate the pros and cons of bus rapid transit and light rail, taking into account cost, infrastructure, flexibility, route design and other relevant factors.	<u>No change</u> . GoTriangle has provided a summary of this type of information on their webpage (http://ourtransitfuture.com/projects/durham-orange/technology/).	Carrboro
A direct transit connection from Carrboro/Chapel Hill to RDU Airport is highly desired.	<u>No change</u> . A previous study found that people were coming from all over the area to RDU so a direct bus service from one or two towns was not feasible. However, GoTriangle, in conjunction with the Research Triangle Foundation, NCRR and RDU Airport Authority have formed a transit task force to investigate improved transit connections with RDU, although not a direct connection with any new municipalities. (http://www.rtp.org/transportation-and-business-leaders-announce-rtp-transit-task-force/)	Carrboro
Reiterates support for expanded bus service frequency and expanded nighttime and weekend service.	<u>No change</u> . Many new bus routes are proposed and many existing routes have proposals to improve frequency.	Carrboro
Town of Chapel Hill Memorandum to Mayor and Town Council		

Transit -- Comments Received

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<p>The Board would like to see overall coverage and connectivity for bicycle, pedestrian, and transit projects in Chapel Hill. They also feel it is important that each project considers a Complete Streets model to ensure that all streets in Chapel Hill are multi modal, safe, and connected.</p>	<p><u>No change.</u> Projects have been reviewed by staff for coverage and connectivity for non-highway modes. The typical highway cross-sections utilized in the CTP reflect NCDOT's Complete Streets Policy and should be used as a guideline for project planning and design activities.</p>	<p>Chapel Hill</p>
Subcommittee Conference Calls – Carrboro Staff		
In relation to Comments received from Orange County BOCC, OUTBoard & Planning Director:		
<p>Replace LRT project with “Fixed Guideway Transit”, so that both BRT or LRT are accommodated</p>	<p><u>Change.</u> Changed name of recommended fixed guideway going west from D-O LRT at UNC to Eubanks to "Fixed guideway extension west" and from Eubanks north to "Fixed guideway extension 2 west" (2 sections). No change for underway project of DO-LRT.</p>	<p>Carrboro/ Orange</p>
Public Comments		
<p><u>Support</u> Durham-Orange Light Rail Transit (DO-LRT) to reduce traffic and pollutants, and support a growing populations and economic development.</p>	<p><u>No change.</u> The draft CTP incorporates the Locally-Preferred Alternative, which is DO-LRT.</p>	<p>Durham/ Orange</p>
<p><u>Take out</u> Durham-Orange Light Rail Transit (DO-LRT) because it is too expensive; not appropriate for local development type/density, or does not serve enough of Orange County.</p>	<p><u>No change.</u> The draft CTP incorporates the Locally-Preferred Alternative, which is DO-LRT.</p>	<p>Durham/ Orange</p>
<p>Add at least one midday express bus between Durham and Raleigh.</p>	<p><u>No change.</u> The draft CTP has a light rail transit extension between Durham and Raleigh, which will likely have midday service.</p>	<p>Durham</p>
<p>Extend light rail transit to Raleigh.</p>	<p><u>No change.</u> The draft CTP has a light rail transit extension between Durham and Raleigh, which will likely have midday service.</p>	<p>Durham</p>
<p>Realign the #4 bus so that it goes through downtown Durham.</p>	<p><u>No change.</u> The CTP does not have routing details. This comment was forwarded to GoDurham.</p>	<p>Durham</p>
<p>Increase the frequency, connection and schedule of fixed-route buses.</p>	<p><u>No change.</u> The CTP supports additional bus coverage, increased schedules (evenings and weekends), and more frequent service.</p>	<p>All</p>
<p>Use vans for low volume routes to save gas.</p>	<p><u>No change.</u> The CTP does not provide recommendations for the capital plans and policies of the transit systems.</p>	<p>All</p>

Bicycle -- Comments Received

Source	How Addressed?	Jurisdiction
General Items to Check/Consider/Add		
Add "recommended" bicycle lanes to "recommended" roadways.	<u>Changed</u> . Added about two dozen "recommended" bicycle lanes to "recommended roadways, i.e., new alignments such road extensions and realignments.	All
Subcommittee Meeting – Durham Staff		
Add bicycle lanes to Carver St Extension in Durham (currently under construction)	<u>Changed</u> . Added "recommended" bicycle lanes.	Durham
Orange County – Staff		
Add bicycle lanes to match the Orange County Bicycle Routes Map.	<u>Changed</u> . Added bicycle lanes on Turkey Farm Rd, University Station Rd and Terry Rd.	Orange
Change bike facilities on Mt Carmel Church Rd.	<u>Changed</u> . Designated bike lanes north of Parker Rd and wide outside lanes south of Parker Rd.	Chapel Hill/ Orange
Durham Bicycle & Pedestrian Advisory Commission		
Make <u>bicycle lane width</u> baseline 5' instead of 4'.	<u>Changed</u> . Took out any project-specific reference to width of bicycle lanes. Policy will set the bicycle lane width.	All
Add <u>bicycle lanes</u> to Slater Rd, Randolph Rd, Cornwallis Rd and Fifteenth St in Durham.	<u>Changed</u> . Staff added these bicycle lanes to the CTP.	Durham
Use bicycle lanes instead of wide outside lanes on roadways with a posted speed limit exceeding <u>45mph</u> in Durham.	<u>Changed</u> . Staff changed these roadways to bicycle lanes.	Durham
Use bicycle lanes instead of paved shoulders on roadways in <u>urban areas</u> .	<u>Changed</u> . Staff changed these roadways to bicycle lanes.	Durham
Add new bike lanes in Del Webb development in Durham.	<u>Changed</u> . Staff added bicycle lanes to Del Webb Arbor Dr.	Durham
Bicycle lane on unpaved section of <u>Pickett Rd</u> should become multiuse path if the roadway is abandoned.	<u>No change</u> . The roadway would be gated to allow continued access from Erwin Rd, thus bicycle lanes will still function with roadway abandonment.	Durham/ Orange
Create partnership between City of Durham and Durham County to build and maintain <u>sidewalks on areas outside of the City limits</u> .	<u>No change</u> . The CTP does not designate the details of who builds and maintains the sidewalks. The local staff is aware of this issue.	Durham
Public Comments		
Connect <u>Third Fork Creek</u> to <u>American Tobacco Trail</u>	<u>Changed</u> . Added multiuse path and bicycle facilities on Woodcroft Pkwy, Winterberry Ridge Dr and Southpark Dr to create connection.	Durham
Add bike lanes on <u>Main Street and Rosemary Street</u> in Carrboro, from Roberson Street to Weaver Street.	<u>Changed</u> . Added bicycle lanes on Main St and Rosemary. Highway CTP was changed to show the 2-lane cross-section.	Carrboro
Add sidewalks and bike lanes, or a trail to <u>Mt. Carmel Church Rd</u>	<u>No change</u> . Draft CTP already has sidewalks and bike lanes on Mt. Carmel Church Rd.	Chapel Hill/ Orange
Add pedestrian and bicycle crossing at US 15-501 bypass and <u>Morreene Road</u> .	<u>No change</u> . Draft CTP and draft 18-27 TIP already have sidewalks and bike lanes on Morreene Road from Neal Raod to Erwin Road.	Durham

Bicycle -- Comments Received

<u>Source</u>	<u>How Addressed?</u>	<u>Jurisdiction</u>
Chris Chaten's map of suggested bicycle facilities in <u>central Durham</u> .	<u>No change</u> . The recommended bicycle lanes are already in the draft CTP.	Durham
Reduce speed limit on <u>Old NC 86</u> and add bike signs	<u>No change</u> . The CTP does not designate details such as speed limit and signage. The Carrboro and MPO staff are currently working on this request.	Carrboro/ Orange
Make bridges wider to safely accommodate bicyclists.	<u>No change</u> . This is a policy issue that is not designated in the CTP. MPO and local staff are aware of this issue and taking the proper measures.	All

Pedestrian -- Comments Received

<u>Source</u>	<u>How Addressed?</u>	<u>Jurisdiction</u>
Memorandum to Chapel Hill Mayor and Town Council		
Add sidewalks that "needs improvement," including Purefoy, Weaver Dairy, Erwin, Colony Woods, Ests Dr, Marmington and Ridge.	<u>Changed</u> . Added these sidewalk sections as "needs improvement."	Chapel Hill
Public Comments		
Add sidewalk on Orange Grove Rd from Occoneeche Mtn. Park to Churton Street.	<u>Changed</u> . Added sidewalk in CTP on this section of roadway.	Hillsborough/ Orange
Take out the proposed sidewalk on Taylor Street in Durham because the sidewalk will eliminate the two trees and garden in front of my house.	<u>No change</u> . The Taylor Street sidewalk ranks high in the draft Durham Bike + Walk Plan. Impacts will be identified and addressed whenever the project goes through environmental review.	Durham
Add sidewalks to areas in <u>Carrboro</u> where there are existing or proposed <u>transit routes</u> but incomplete or missing pedestrian infrastructures.	<u>No change</u> . The CTP does not show proposed sidewalks. MPO policy is that sidewalks are to be installed on new and improved roadways, and the CTP pedestrian map directs users to the local pedestrian plans for details.	Carrboro

Note: The CTP Pedestrian map will only show existing sidewalks and off-road future sidewalks ("needs improvement" and "recommended"). However, these changes are duly noted in the CTP public comments and database.

Multiuse Path -- Comments Received

<u>Source</u>	<u>How Addressed?</u>	<u>Jurisdiction</u>
City of Durham – Staff		
Add sidepath along I-40, from US 15-501 to Page Road.	<u>Changed</u> . Added separate multiuse path from Page Rd to US 15-501. Did not duplicate DO-LRT and SouthPointe proposed paths that were already in the draft CTP.	Durham
Add multiuse path along NC 147 from NC 54 to the Kelly Bryant bridge.	<u>Changed</u> . Added separate multiuse path along NC 147 from trail at I-40/TW Alexander to CSX trail at Ellis Rd/NC 147 underpass.	Durham
Add multiuse path connecting US 15-501 to path along US 15-501 bypass.	<u>No change</u> . There are already "recommended" multiuse paths along these two roadways that are connected.	Durham
Durham Bicycle & Pedestrian Advisory Commission		
Add multiuse path from Main St to Duke campus that uses the existing railroad bridge over NC 147.	<u>Changed</u> . Added this multiuse path in the CTP	Durham
Subcommittee Conference Calls – Orange Co & Hillsborough Staff		
Change Mountains to Sea trail between Riverwalk and Occaneechee Speedway.	<u>Changed</u> . Added existing walk path and deleted redundant recommended path.	Hillsborough/ Orange
Public Comments		
Add sidepath to <u>Massey Ch Rd</u> to connect D&SC rail trail to American Tobacco Trail	<u>Changed</u> . Added multiuse path on this section of Massey Chapel Road.	Durham
Add multiuse path along <u>US 70 freeway</u> .	<u>Changed</u> . Added separate multiuse path from Carr Rd to the Northern Durham Parkway.	Durham
Support <u>Ashe Place</u> bridge project in Chapel Hill.	<u>No change</u> . Ashe Place bridge is in the draft CTP Multiuse Path plan.	Chapel Hill
Add an off-road path between <u>central Carrboro</u> and Chapel Hill H.S. and Smith M.S.	<u>No change</u> . There is no local consensus on the location of this map.	Chapel Hill/ Carrboro
Add multiuse path on <u>Old NC 86</u> from Carrboro to Hillsborough.	<u>No change</u> . Draft CTP designates bicycle lanes for this road segment. The right-of-way requirements and costs make a multiuse path less likely to be built than bicycle lanes.	Carrboro/ Orange
Connect Merritts Pasture to Kings Mill Road in <u>Morgan Creek</u> .	<u>No change</u> . The CTP has an existing bike path and proposed multiuse path that will make this connection.	Chapel Hill
Connect Bayberry Drive to the <u>NC Botanical Gardens</u> .	<u>No change</u> . The Ashe Place bridge, which is in the draft CTP Multiuse Path plan, will make this connection.	Chapel Hill
Include a grade separated crossing where the Duke Easement Trail 3 crosses Fordham Blvd.	<u>No change</u> . The non-auto grade separations in the CTP already include this crossing.	Chapel Hill