



Triangle Region Motor Vehicle Emission Budgets

December 16, 2005

What If?

Project on the State Implementation Plan for the Triangle Ozone Non-Attainment Area

Capital Area Metropolitan Planning Organization ♦ Durham-Chapel Hill-Carrboro Metropolitan Planning Organization

Several options are being considered for Motor Vehicle Emissions Budgets for the Triangle Ozone Non-attainment Area (TONA). They range from 8 separate, individual budgets for each county in the TONA to a single budget covering the whole region. Local, regional and state staff are examining the implications of different options, and are focusing on the three outlined in the attached table and described more fully in a document titled, *Options and Implications*. Note that these three are not the only options; for example, there could be county-specific budgets in one portion of the Triangle and a multi-county budget in another portion. Whichever option is selected **does not change the responsibilities** of MPOs and the NCDOT, nor the area in which they would exercise these responsibilities:

- Burlington-Graham MPO is responsible for adopting land use forecasts, long range transportation plans, TIPs and conformity findings for the portion of Orange County within the BG MPO metropolitan area boundary.
- Capital Area MPO is responsible for adopting land use forecasts, long range transportation plans, TIPs and conformity findings for Wake County and the portions of Franklin, Granville and Johnston Counties within the CAMPO metropolitan area boundary.
- Durham-Chapel Hill-Carrboro MPO is responsible for adopting land use forecasts, long range transportation plans, TIPs and conformity findings for Durham County and the portions of Chatham and Orange Counties within the DCHC MPO metropolitan area boundary.
- NCDOT, in consultation with the affected RPOs, is responsible for adopting land use forecasts, long range transportation plans, TIPs and conformity findings for Person County and the portions of Chatham, Franklin, Granville and Johnston Counties outside any metropolitan area boundary but within the Triangle Ozone Non-attainment Area.

The tables on the following pages describe the consequences for different areas under the three options for two types of events:

- If a plan or TIP **expires** – the deadline for an updated plan or TIP passes, regardless of the air quality impacts of the plan or TIP.
- If a plan or TIP **exceeds its Motor Vehicle Emissions Budget** – the travel forecast on the planned facilities and services would result in motor vehicle emissions that are higher than the budgeted limit.

Note that for each entry in the tables, once a plan or TIP comes back into conformity, affected projects may advance. This is a draft version subject to verification. Final federal rules for transportation planning have not yet been released and may change some of the implications.

What If?	Option		
	A: 8 separate county-based budgets:	B: 2 MPO-based budgets:	C: 1 Region-based budget
	<ul style="list-style-type: none"> • Chatham [part] • Franklin • Johnston • Person <ul style="list-style-type: none"> • Durham • Granville • Orange • Wake 	<ul style="list-style-type: none"> • Chatham [part], Durham, Orange, Person • Franklin, Granville, Johnston, Wake 	<ul style="list-style-type: none"> • Chatham [part], Durham, Franklin, Granville, Johnston, Orange, Person, Wake
Burlington-Graham MPO LRTP or TIP expires	No projects may advance in BG MPO area immediately. <i>Non-exempt</i> projects may not advance in Chatham [part], Durham or the rest of Orange County immediately. No projects may advance in counties once next conformity determination is due.	No projects may advance in BG MPO area immediately. <i>Non-exempt</i> projects may not advance in Chatham [part], Durham, Person or the rest of Orange County immediately. No projects may advance in counties once next conformity determination is due.	No projects may advance in BG MPO area immediately. <i>Non-exempt</i> projects may not advance in any other part of the region immediately. No projects may advance in counties once next conformity determination is due.
Durham-Chapel Hill-Carrboro MPO LRTP or TIP expires	No projects may advance in Durham County or the portions of Chatham [part] and Orange Counties in DCHC MPO immediately. <i>Non-exempt</i> projects may not advance in the other portions of Chatham [part] and Orange County immediately. No projects may advance in other counties once next conformity determination is due.	No projects may advance in Durham County or the portions of Chatham [part] and Orange Counties in DCHC MPO immediately. <i>Non-exempt</i> projects may not advance in Person County or the other portions of Chatham [part] and Orange County immediately. No projects may advance in other counties once next conformity determination is due.	No projects may advance in Durham County or the portions of Chatham [part] and Orange Counties in DCHC MPO immediately. <i>Non-exempt</i> projects may not advance in any other part of the region immediately. No projects may advance in counties once next conformity determination is due.
Capital Area MPO LRTP or TIP expires	No projects may advance in Wake County or the portion of Franklin, Granville and Johnston County within CAMPO immediately. <i>Non-exempt</i> projects may not advance in the other portions of Franklin, Granville and Johnston Counties immediately. No projects may advance in other counties once next conformity determination is due.	No projects may advance in Wake County or the portion of Franklin, Granville and Johnston County within CAMPO immediately. <i>Non-exempt</i> projects may not advance in the other portions of Franklin, Granville and Johnston Counties immediately. No projects may advance in other counties once next conformity determination is due. (same as A)	No projects may advance in Wake County or the portions of Franklin, Granville and Johnston Counties within CAMPO immediately. <i>Non-exempt</i> projects may not advance in any other part of the region immediately. No projects may advance in counties once next conformity determination is due.

What If?	Option		
	A: 8 separate county-based budgets:	B: 2 MPO-based budgets:	C: 1 Region-based budget
	<ul style="list-style-type: none"> • Chatham [part] • Franklin • Johnston • Person 	<ul style="list-style-type: none"> • Durham • Granville • Orange • Wake 	<ul style="list-style-type: none"> • Chatham [part], Durham, Orange, Person • Franklin, Granville, Johnston, Orange, Person, Wake
<p>LRTP/TIP expires in any of the following places: Chatham County (rural portion) Franklin County (rural portion) Granville County (rural portion) Johnston County (rural portion) Orange County (rural portion) Person County</p> <p>[note: this scenario applies as long as the STIP serves as both the LRTP and the TIP in the rural portions (outside of MPO boundaries) in the ozone non-attainment area]</p>	<p>Without a valid STIP, no projects may advance anywhere in North Carolina immediately.</p>	<p>Without a valid STIP, no projects may advance anywhere in North Carolina immediately. (same as A)</p>	<p>Without a valid STIP, no projects may advance anywhere in North Carolina immediately. (same as A)</p>

What If?	Option		
	A: 8 separate county-based budgets:	B: 2 MPO-based budgets:	C: 1 Region-based budget
	<ul style="list-style-type: none"> • Chatham [part] • Franklin • Johnston • Person 	<ul style="list-style-type: none"> • Durham • Granville • Orange • Wake 	<ul style="list-style-type: none"> • Chatham [part], Durham, Orange, Person • Franklin, Granville, Johnston, Orange, Person, Wake
Chatham County (4 townships) Budget is exceeded	<i>Non-exempt</i> projects may not advance in Chatham [part], Durham County or Orange County immediately. <i>Non-exempt</i> projects may not advance in other counties once next conformity determination is due. Emission reductions must be achieved by changing facilities, convincing local communities to cut growth and/or implementing “off-model” strategies that affect travel in Chatham [part].	Not applicable	Not applicable
Durham County Budget is exceeded	<i>Non-exempt</i> projects may not advance in Chatham [part], Durham County or Orange County immediately. <i>Non-exempt</i> projects may not advance in other counties once next conformity determination is due. Emission reductions must be achieved by changing facilities, convincing local communities to cut growth and/or implementing “off-model” strategies that affect travel in Durham County.	Not applicable	Not applicable

What If?	Option		
	A: 8 separate county-based budgets:	B: 2 MPO-based budgets:	C: 1 Region-based budget
	<ul style="list-style-type: none"> • Chatham [part] • Franklin • Johnston • Person • Durham • Granville • Orange • Wake 	<ul style="list-style-type: none"> • Chatham [part], Durham, Orange, Person • Franklin, Granville, Johnston, Wake 	<ul style="list-style-type: none"> • Chatham [part], Durham, Franklin, Granville, Johnston, Orange, Person, Wake
Franklin County Budget is exceeded	<i>Non-exempt</i> projects may not advance in Franklin, Granville, Johnston and Wake Counties immediately. <i>Non-exempt</i> projects may not advance in other counties once next conformity determination is due. Emission reductions must be achieved by changing facilities, convincing local communities to cut growth and/or implementing “off-model” strategies that affect travel in Franklin County.	Not applicable	Not applicable
Granville County Budget is exceeded	<i>Non-exempt</i> projects may not advance in Franklin, Granville, Johnston and Wake Counties immediately. <i>Non-exempt</i> projects may not advance in other counties once next conformity determination is due. Emission reductions must be achieved by changing facilities, convincing local communities to cut growth and/or implementing “off-model” strategies that affect travel in Granville County.	Not applicable	Not applicable
Johnston County Budget is exceeded	<i>Non-exempt</i> projects may not advance in Franklin, Granville, Johnston and Wake Counties immediately. <i>Non-exempt</i> projects may not advance in other counties once next conformity determination is due. Emission reductions must be achieved by changing facilities, convincing local communities to cut growth and/or implementing “off-model” strategies that affect travel in Johnston County.	Not applicable	Not applicable

What If?	Option		
	A: 8 separate county-based budgets:	B: 2 MPO-based budgets:	C: 1 Region-based budget
	<ul style="list-style-type: none"> • Chatham [part] • Franklin • Johnston • Person 	<ul style="list-style-type: none"> • Durham • Granville • Orange • Wake 	<ul style="list-style-type: none"> • Chatham [part], Durham, Orange, Person • Franklin, Granville, Johnston, Wake
Orange County Budget is exceeded	<i>Non-exempt</i> projects may not advance in Chatham [part], Durham County or Orange County immediately. <i>Non-exempt</i> projects may not advance in other counties once next conformity determination is due. Emission reductions must be achieved by changing facilities, convincing local communities to cut growth and/or implementing “off-model” strategies that affect travel in Orange County.	Not applicable	Not applicable
Person County Budget is exceeded	<i>Non-exempt</i> projects may not advance in Person County immediately. <i>Non-exempt</i> projects may not advance in other counties once next conformity determination is due. Emission reductions must be achieved by changing facilities, convincing local communities to cut growth and/or implementing “off-model” strategies that affect travel in Person County.	Not applicable	Not applicable
Wake County Budget is exceeded	<i>Non-exempt</i> projects may not advance in Franklin, Granville, Johnston and Wake Counties immediately. <i>Non-exempt</i> projects may not advance in other counties once next conformity determination is due. Emission reductions must be achieved by changing facilities, convincing local communities to cut growth and/or implementing “off-model” strategies that affect travel in Wake County.	Not applicable	Not applicable

What If?	Option		
	A: 8 separate county-based budgets:	B: 2 MPO-based budgets:	C: 1 Region-based budget
	<ul style="list-style-type: none"> • Chatham [part] • Franklin • Johnston • Person 	<ul style="list-style-type: none"> • Durham • Granville • Orange • Wake 	<ul style="list-style-type: none"> • Chatham [part], Durham, Orange, Person • Franklin, Granville, Johnston, Wake
Western Triangle Budget is exceeded (Chatham, Durham, Orange, Person)	Not applicable	<i>Non-exempt</i> projects may not advance in Chatham [part], Durham, Orange, or Person county immediately. <i>Non-exempt</i> projects may not advance in other counties once next conformity determination is due. Emission reductions must be achieved by changing facilities, convincing local communities to cut growth and/or implementing “off-model” strategies in Chatham [part], Durham, Orange, or Person county.	Not applicable
Eastern Triangle Budget is exceeded (Franklin, Granville, Johnston, Wake)	Not applicable	<i>Non-exempt</i> projects may not advance in Franklin, Granville, Johnston or Wake County immediately. <i>Non-exempt</i> projects may not advance in other counties once next conformity determination is due. Emission reductions must be achieved by changing facilities, convincing local communities to cut growth and/or implementing “off-model” strategies in Franklin, Granville, Johnston or Wake County.	Not applicable
Regional Budget is exceeded	Not applicable	Not applicable	<i>Non-exempt</i> projects may not advance in any county in the region immediately. Emission reductions must be achieved by changing facilities, convincing local communities to cut growth and/or implementing “off-model” strategies anywhere in the region.