

## **Appendix B: Interagency Consultation**

## **TRAID MAINTENANCE REGION**

*Guilford Co., Davidson Co., and Forsyth Co.*

Interagency Consultation Meeting  
April 26, 2013, 2:00 pm -3:00 pm

Teleconference Dial in Number  
1-877-848-7030  
Access Code: 9375764

**Meeting Attendees:** Lydia McIntyre, Scott Rhine, Heather Hildebrandt, Anne Galamb, Todd Pasley, Vicki Chandler, David Hyder, Eddie Dancausse, Mike Nunn, Michael Abuya, Bill Marley

### **Minutes**

#### **Welcome and Introductions**

Eddie opened the meeting and thanked everyone for calling in. He noted EPA was unable to call in due to the sequester. EPA asked that we send them the meeting minutes and any revisions.

#### **Meeting Purpose**

Discuss conformity analysis required for U-2524BC. Meeting to review the proposed Consensus Plan and schedule.

#### **Project Description-LRTP/TIP Amendment**

Lydia, from the Greensboro MPO, noted the project U-2524BC is a part of the Western Greensboro Urban Loop (U-2524). This section of the loop is complete and extends from I-40 to Bryan Boulevard. Currently, ½ of the interchange is complete and the remaining portion will be complete when the next section of the loop is constructed. U-2524BC would modify the existing portion of the interchange. Modifications include adding lanes to the existing ramps and additional auxiliary lanes. The project is in the STIP, but was missed and not included in the Greensboro LRTP, MTIP, or travel demand model. The line work is included but not the correct number of lanes. Therefore a new conformity analysis is required along with a LRTP and MTIP amendment.

#### **Description included in meeting notice:**

#### **Project Purpose /Description (Extracted from NCDOT Scoping minutes):**

To provide continuity for the I-73 connector from existing I-73/I-840 to Bryan Blvd (Future I-73), and improve the function and reduce conflicts (by providing an auxiliary lanes) extending the distance in which merge/weave/diverge will occur.

- Add auxiliary lane from the flyover in the northwest quadrant of I-73/I-840/Bryan Blvd Interchange going west along Bryan Blvd (Future I-73) just west of Inman Road Bridge (approximately 4150 feet).
- Add auxiliary lane from Inman Road Bridge and the ramp in the southwest quadrant going south along I-73/I-840 to the Ballinger Road Bridge (approximately 7400 feet).
- Replace the bridge on Inman Road.

The project length approximately 2.2 miles.

### **Proposed LRTP/ MTIP Project Description**

U- 2524 Greensboro Western Loop, North of I-85 to Lawndale Drive in Greensboro. Construct Freeway on New Location.

BC – SR 2085 (Bryan Boulevard) Interchange Modification

### **Consensus Plan**

Eddie reviewed the plan and noted he will remove all references made to Winston-Salem MPO, Davidson County, and CO in terms of the analysis. For the purpose of general descriptions of the Model or area, Winston-Salem will be included.

It was noted model runs will only be completed for 2025 and 2035. 2015 data will not change and will only be shown for point of reference.

Todd noted 2012 vehicle registration data will need to be used instead of 2010.

High Point and Burlington will only approve resolutions for conformity finding on LRTP and TIP, but Greensboro will also approve an amendment on LRTP and TIP.

### **Conformity Process Schedule**

Eddie reviewed the schedule. It was noted that PART may need an additional week to run the model and extract the data. Therefore completion date changed from 5/3 to 5/10. DAQ agreed that 15 days was sufficient for doing their analysis.

MPOs will ask permission to release for public review during May meetings. David asked for the report a week in advance of his meeting (5/28).

Agency and public review during June. MPO approval in July or August. High Point's will be in August. Complete conformity by September 30<sup>th</sup>.

### **Discussions/Next Steps/Meeting Wrap-Up**

Did not schedule future meetings. Agreed to coordinate by email. Lydia will keep everyone abreast of the schedule and milestones.

Adjourn

### **To Do**

Update Consensus Document (Eddie)

Update Schedule (Eddie)

Report Development (Lydia/Eddie)

Report on Website (Lydia)

Pre/Post VMTs w and w/o project (Lydia)

Triad Area Transportation Conformity:  
Pre-Analysis Consensus Plan (CO & PM2.5)

May 3, 2013

**Prepared Cooperatively Between the  
Burlington-Graham Urbanized Area MPO  
Greensboro Urbanized Area MPO  
High Point Urbanized Area MPO  
Winston-Salem Urbanized Area MPO  
Piedmont Authority for Regional Transportation  
North Carolina Department of Transportation  
Piedmont Triad Rural Planning Organization  
and the  
Federal Highway Administration**

**Triad Area Transportation Conformity:  
Pre-Analysis Consensus Plan  
May 3, 2013**

The Burlington-Graham Urbanized Area Metropolitan Planning Organization (BGMPO), Greensboro Urbanized Area MPO (GUAMPO), and High Point Urbanized Area MPO (HPMPO). The Piedmont Authority for Regional Transportation (PART), and the North Carolina Department of Transportation (NCDOT-representing donut portions of the Triad non-attainment area) are proposing the following plan and procedures to conduct a transportation conformity analysis. This plan is being submitted to the interagency consultation partners for soliciting consensus before commencement of a full-scale transportation conformity analysis. The plans and procedures may be revised as the MPO's and NCDOT proceed with the analysis. After consensus is reached; notification of changes will be made to the interagency consultation partners.

**Triad Area MPOs for this Conformity Process:**

- Burlington-Graham Urbanized Area Metropolitan Planning Organization (BGMPO)
- Greensboro Urbanized Area MPO (GUAMPO)
- High Point Urbanized Area MPO (HPMPO)

**The following pollutants will be included in this conformity determination:**

- Particulate Matter 2.5 (direct PM 2.5, NOx)

**Long Range Transportation Plan (LRTP) and Metropolitan Transportation Improvement Program (MTIP)**

**1. Existing Land Use and Demographics: For GUAMPO, HPMPO, WSMPO and BGMPO**

The existing Piedmont Triad Regional Model (PTRM) had an enhancement of end user functioning that included an expansion of the modeled area in the southern portion of the High Point MPO, an update to the base year that incorporated input for the affected MPO's, updates to input data, networks, calibration and validation. The project used a base year of 2009, and a horizon year of 2035. The three-step demographic forecasting approach took into account municipal long range land use and transportation plans in conjunction with external data resources to develop a consensus of growth for the four MPO's.

The updated model has a horizon year of 2035 with two interim years of 2015 and 2025.

**2. LRTP Model Validation (Base) Year:**

TDM base year: 2009

**3. MTIP Years: 2012 – 2018**

**4. LRTP Horizon Year:** 2035

**5. Travel Demand Run Years:** 2015, 2025 & 2035

For this conformity process the actual PTRM runs will be 2015, 2025 and 2035.

**6. Transportation Conformity Analysis Years (PM 2.5)**

The Table below summarizes transportation conformity analysis methods and years for the different parts of the Triad non-attainment/maintenance areas. Specific conformity year information is listed in the following table:

County	Area model status	Area emissions budget status	Emissions analysis source					
				2015 (modeled)	2021 <i>(this will be interpolated between 2015 and 2025- unless there is a need to model)</i>	2025 (modeled)	2035 Horizon (modeled)	
Guilford	modeled all	<sup>1</sup> The PM2.5 Redesignation Nonattainment to Attainment Effective 12/19/11	PTRM	NOx Direct PM2.5	NOx Direct PM2.5	NOx Direct PM2.5	NOx Direct PM2.5	

**Footnotes for table:**

<sup>1</sup> The Approval and Promulgation of Implementation Plans and Designation of Areas for Air Quality Planning Purposes; North Carolina: Redesignation of the Greensboro-Winston –Salem-High Point 1997 Annual Fine Particulate Matter Nonattainment Area to Attainment will be referred to in this document as the PM2.5 Redesignation Nonattainment to Attainment Effective 12/19/11.

**Additional table notes and explanations:**

**County:**

- PM 2.5: For this conformity process the Triad PM 2.5 non-attainment area consists of 1 county (Guilford)

*\*Note: a donut area is an area outside the MPO boundary but within the non-attainment/maintenance area.*

**Model Status:** Guilford and Forsyth counties are completely within the Piedmont Triad Regional Model (PTRM) boundary. Davidson is partially covered by the PTRM. NCDOT will analyze the parts of Davidson County outside the model boundary using the NCDOT Non-Modeled Area Analysis Spreadsheet.

**Emissions analysis source:** Vehicle Miles Traveled (VMT) and speeds for the regional emissions analysis (REA) will be derived from the PTRM where it is available.

**Emissions analysis years:** The Triad area has State Implementation Plan (SIP) for the PM 2.5 standard.

**Emission Comparison Years:**

- PM2.5: 2015 (modeled-compare to 2011 MVEB), 2021 (interpolated)- compare to 2021 MVEB), 2025 (modeled- compare to 2021 MVEB) and 2035 (modeled- compare to 2021 MVEB)

**List of Specific Conformity Years (PM2.5 SIP)**

- a. Baseline 2009 (LRTP and conformity)

- b. Horizon: 2035
- c. SIP Budget Years: 2011 & 2021
- d. Emission comparison years: 2015, 2021 (interpolation), 2025 & 2035

**7. Maintenance County for this Conformity Process:**  
PM 2.5: Guilford

**8. Travel Demand Model:** Piedmont Triad Regional Model (PTRM)

The PTRM is housed at PART. The PTRM completely covers the Metropolitan Area Boundaries (MABs) for the WSMPO (Forsyth, Davidson), the HPMPO (Davidson, Guilford and Forsyth), the GUAMPO (Guilford) and the BGMPO (Alamance, Guilford and Orange). Alamance, Guilford and Forsyth counties are completely within the Piedmont Triad Regional Model (PTRM) boundary. Davidson County is partially covered by the PTRM and the remainder of the county will be covered using the NCDOT NMAA spreadsheet, a methodology based on estimating VMT for non-modeled areas according to population percentages for those portions of non-attainment counties. This methodology has been used to demonstrate conformity in other areas and received approval from the interagency partners.

Forecasted speeds and VMT generated by the PTRM are incorporated into the EPA MOVES emissions program, which will be used to generate emission inventories for the relevant counties and pollutants, based on the parameters shown under section 14, below.

**9. Mode Split / Mode Choice:** Piedmont Triad Regional Model (PTRM)

The PTRM estimates the probability of selecting the entire range of travel modes (excluding freight) for each potential origin and destination in the region, as defined by the regional network and zone system. The mode split model uses a logit formulation to estimate the probability of choosing a particular mode. For the PTRM a total of 23 model alternatives (travel modes) are considered. While not all of these modes are allowed for each purpose, and some await data for calibration, the model structure is designed to accommodate a full range of potential alternatives. The primary or top level alternatives are auto, non-motorized, transit and school bus. Within each of the primary alternatives considered there are separate nest created for alternative travel patterns; thus creating a total of 23 alternatives.

The PTRM includes the following trip purposes: home-based work, home-based school, home-based shopping, home-based other, Non-home-based work, non-home-based other, home-based college/university, and airport traveler trips.

**10. VMT Adjustments:** There will be no VMT adjustments for PM2.5

**11. Motor Vehicle Emissions Budgets**

Triad area is maintenance for the PM 2.5 standard and for this conformity process only Guilford County is impacted.

PM2.5 (NOx and Direct PM2.5) MVEBs are provided below:

PM 2.5 (NOx): The PM2.5 Redesignation Effective 12/19/11 (kg/year)					
Area	Comparison Year				
	2011**	2015**	2021***	2025***	2035***
Guilford	11,133,605	11,133,605	6,309,650	6,309,650	6,309,650

PM 2.5 (PM 2.5): The PM2.5 Redesignation Effective 12/9/11 (kg/year)					
Area	Comparison Year				
	2011**	2015**	2021***	2025***	2035***
Guilford	421,841	421,841	421,841	421,841	421,841

\*\*The MVEB for 2011 will be used for the 2011 and 2015 comparison direct PM2.5 and NOx.

\*\*\*The MVEB for 2021 will be used for the 2021, 2025 and 2035 comparison for direct PM2.5 and NOx. The PM2.5 Redesignation Nonattainment to Attainment was effective on 12/19/11

**12. Control Strategies:** Emission reduction credits will be taken for the following on-road mobile SIP commitments or Federal programs. Currently there are no TCMs in the Triad Area SIPs.

**Strategy**

*I/M Program  
Tier 2 vehicle's Emission Standards  
Low Sulfur Gasoline and Diesel fuels  
Heavy Duty Vehicle Rules 2004 and 2007  
Low RVP Gasoline  
On board vapor recovery*

**Methodology/Approach**

*Accounted for in MOVES model  
Accounted for in MOVES model  
Accounted for in MOVES model  
Accounted for in MOVES model  
Accounted for in MOVES model  
Accounted for in MOVES model*

**13. Mobile Source Emission Reduction Strategies:** The MPO's will take emission credits for the following Mobile Source Emission Reduction Strategies.

Strategy	Approach	Year(s) Credited
<i>Park-n-Ride Lots:</i>	<i>Off model</i>	<i>2015, 2021, 2025, 2035</i>
<i>Vanpools:</i>	<i>Off Model</i>	<i>2015, 2021, 2025, 2035</i>
<i>ITS</i>	<i>Off Model</i>	<i>2015, 2021, 2025, 2035</i>

**14. MOVES Model Settings:** The following MOVES model-input parameters will be used in the conformity analysis.

**PM<sub>2.5</sub> Maintenance Area for this conformity process: Guilford County**

<u>Parameter</u>	<u>Details</u>	<u>Data Source</u>
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- a. **Emissions Model Version(s):** MOVES2010b
- b. **Emission Model Runs:** Annual (NO<sub>x</sub> and Direct PM<sub>2.5</sub>) kilogram/yr
- c. **Time Periods:** Annually for NO<sub>x</sub> and Direct PM<sub>2.5</sub>
- d. **Pollutants Reported:** NO<sub>x</sub> (for PM<sub>2.5</sub>) and Direct PM<sub>2.5</sub>
- e. **Emissions Budget Years:** PM 2.5: 2011 & 2021
- f. **Emissions Analysis Years:** 2015, 2021, 2025, 2035 (interpolate for 2021)
- g. **Vehicle Classes:** 13
- h. **Temperature and Relative Humidity:** Hourly average temperature and relative humidity calculated for each month. Meteorological data is from the GSO Triad Regional Airport.
- i. **VMT Mix:** Statewide mix based on 2009 data using the method in the August 2004 USEPA Guidance.
- j. **Speeds:** From PTRM and Non-Modeled Area Analysis Spreadsheet
- k. **Vehicle Age Distribution:** Based on 2010 vehicle registration data provided by NCDOT.
- l. **I/M Program:** 2015, 2021, 2025, 2035: OBD-II for Davidson, Forsyth and Guilford Counties.
- m. **Anti-tampering Applicability:** Not included in MOVES
- n. **RVP:** Calendar Monthly

	<b>RVP</b>
<b>Jan, Dec</b>	15
<b>Feb, March, April, Oct, Nov</b>	13.5
<b>May</b>	9.0
<b>June, July, Aug, Sept</b>	7.8

- o. **Strategies:** See item #12 above
- p. **I/M Compliance Factor Coverage (CFC):** *This input to MOVES accounts for the I/M compliance rate, waiver rate, and regulatory coverage adjustment for applicable vehicles. When calculated by MOVES guidance methods this value is 90.25% for passenger cars, 84.84% for passenger trucks, and 79.42% for light commercial trucks for all 3 counties.*
- q. **Evaluation Month:** 12 month annual emissions or any part thereof (output can be disaggregated at the user's discretion)
- r. **VMT:** PTRM and Non-Modeled Area Analysis Spreadsheet
- s. **Diesel Sulfur Content:** MOVES considers all recent rulemakings (Tier 2, ultra low sulfur diesel, etc). The default data in MOVES can be relied on here. Default database values are by month and county and can be requested by the MPO.
- t. **Source type (vehicle type) population:** Year-specific vehicle populations, broken down by source type (i.e. passenger cars, light commercial trucks, combination long-haul trucks, etc.) will be developed for each county. These source type population estimates will be based on the latest available (2010 or later) total number of registered vehicles in each county, obtained from the Office of State Budget and Management (OSBM). Total registered vehicle populations for future years will be projected using certified

base and future year human population data, also obtained from OSBM.

$$\text{Future year total vehicle population} = \text{Base year total vehicle population} * \frac{(\text{Future year human population})}{(\text{Base year human population})}$$

MOVES-default source type population distributions for the appropriate county-year will then be applied to the future year total to generate the final source type population data.

**15. Emissions analysis units, conversion factors, significant figures, rounding and truncating conventions:**

- PM2.5 and NOx budgets are in kg/year and rounded to whole numbers

**16. CMAQ Projects:** NA

**17. Regionally Significant Projects (Federal and Non Federal):** NA

**18. List of Exempt Projects:** NA

**19. Conformity Process Schedule:** *(A draft process conformity schedule has been developed and is provided as an attachment to this document)*

- 20. Conformity Determinations:** Five organizations will be responsible for making conformity determinations in five distinctive parts of the Triad non-attainment/maintenance areas:
- i. The BGMPO within its metropolitan area boundary-a small part of Guilford County
  - ii. The GUAMPO within its metropolitan area boundary-a part of Guilford County
  - iii. The HPMPO within its metropolitan area boundary-a part of Davidson, Guilford and Forsyth Counties

Each of these responsible organizations must make a conformity determination for its respective area in order for all of the areas to be designated in conformity.

The following resolutions will be needed for this conformity process:

- **Burlington Graham MPO**
  - Conformity Determination on the 2035 LRTP and 12-18 TIP Amendment
- **High Point MPO:**
  - Conformity Determination on the 2035 LRTP and the 12-18 TIP Amendment
- **Greensboro MPO:**
  - Adoption of the 2035 LRTP and the 12-18 TIP Amendment
  - Conformity Determination on the 2035 LRTP and the 12-18 TIP Amendment

**Triad Area: U-2524BC LRTP/TIP Amendment CPS - 9/30/13:** Discussion Draft -- 6/5/2013  
**Transportation Conformity Process**

Line ID#	Conformity Elements	Schedule Summary			Participating Organizations and Staff (lead staff in <b>bold</b> )
		Start Date	End Date	Length (Days)	
1	<b>Project start --</b>			NA	
2	<b>Interagency consultation (IC)</b>	<b>04/26/13</b>	<b>04/26/13</b>	1	
3	IA planning session #1			#VALUE!	
4	Set IA meeting date (location, etc.)				
5	Develop participant list				
6	Discuss draft agenda				
7	Discuss TCPCP				
8	Discuss CPS				
9	IC planning session #2 <b>TBD</b>			#VALUE!	
10	Review draft agenda				
11	Review TCPCP				
12	Review CPS				
13	Prepare presentations				
14	Email Agenda, draft TCPCP and draft CPS to IC partners			1	
15	IC Meeting	04/26/13	04/26/13	1	<b>Dancausse, McIntyre</b>
16	Meeting Minutes			1	<b>McIntyre</b>
17	Circulate and Review meeting minutes			1	<b>Dancausse</b>
18	Follow up to address comments			1	<b>Dancausse</b>
19	<b>Transportation Planning</b>	<b>NA</b>	<b>NA</b>	#VALUE!	
20	<i>Transportation Projects, Timelines, Fiscal Constraint</i>				
21	MPO TCCs develop and refine draft LRTP project list				
22	MPO TACs receive & review the draft project list LRTP-for-comment				
23	MPO TACs (or TCCs) approve LRTP/TIP Amendments project list: BG MPO: <b>NA</b> , Greensboro: <b>NA</b> , High Point: <b>NA</b> , Winston Salem: <b>NA</b>	NA	NA	#VALUE!	
26	<b>Transportation Modeling (50 days): Includes PTRM and NMAA</b>	<b>04/26/13</b>	<b>05/10/13</b>	15	<b>McIntyre, PART</b>
27	Base year network and land use (2009)				
28	Horizon year 1 network and land use				
29	Horizon year 2 network and land use				
30	Design Year network and land use -- 2035				
31	Develop plan version for initial air quality analysis				
32	Extract draft plan VMT and speeds				
33	Evaluate draft plan speeds and VMT				
34	Preliminary Regional Emissions Analysis				
35	Emission Factors Review (additional iterations, if needed)				
36	Extract Final VMT and speeds				
37	Evaluate final speeds and VMT				<b>MPOs, RPOs, NCDOT</b>
38	Modeling Complete (Includes Emission Factor & REA)		05/10/13		
39	<b>Emission Analysis</b>	<b>05/13/13</b>	<b>05/27/13</b>	15	<b>NCDOT</b>
40	NCDQA Emissions Model Work	05/13/13	05/27/13	15	<b>NCDQA Pasley</b>
41	Off model analysis, including off-model TDM- <b>not applicable</b>	05/13/13	05/27/13		
42	Regional Emissions Analysis (REA) & Review	05/28/13	05/29/13	2	<b>NCDOT</b>
43	<b>Conformity Report Preparation</b>	<b>04/19/13</b>	<b>06/03/13</b>	46	<b>McIntyre</b>
44	Preliminary report preparation	04/19/13	06/03/13	46	
45	<b>Prepare pre-draft report</b>		<b>05/29/13</b>	41424	
46	<b>Print pre-draft report</b>		<b>06/03/13</b>	41429	
47	<b>Internal Review pre-draft</b>			#VALUE!	
48	<b>Agency Review (EPA/FTA/NCDQA/FHWA) of pre-draft CDR</b>			#VALUE!	<b>Dancausse</b>
49	<b>Respond to Agency Comments</b>			1	<b>McIntyre, MPOs/RPOs/NCDOT</b>
50	Place conformity report on website	06/03/13	06/03/13	1	<b>Rhine</b>
51	TACs release conformity draft and LRTP update for public comment: BG MPO: <b>5/21/13</b> , Greensboro: <b>5/15/13</b> , High Point: <b>5/28/13</b> , Winston Salem MPO: <b>NA</b>	05/15/13	05/28/13	14	<b>MPOs, RPOs</b>
52	<b>Interagency and public review</b>	<b>06/12/13</b>	<b>07/31/13</b>	50	<b>Dancausse</b>
53	DENR Review	06/03/13	06/24/13	22	<b>Hildebrandt</b>
54	FHWA Initial Review	06/03/13	06/24/13	22	<b>Dancausse</b>
55	FTA Initial Review	06/03/13	06/24/13	22	<b>Immings</b>
56	EPA Initial Review	06/03/13	06/24/13	22	<b>Sommerville</b>
57	Public Review (MPOs and RPOs)	06/03/13	07/05/13	33	<b>MPOs, RPOs</b>
58	Respond to Agency and Public Comments	07/08/13	07/12/13	5	<b>MPOs, RPOs</b>
59	<b>MPO &amp; Rural Conformity Determination</b>	<b>08/20/13</b>	<b>08/28/13</b>	9	<b>NCDOT</b>
60	TACs Adopt Final LRTPs with AQ conformity-public hearing BG MPO: <b>8/20/13</b> , Greensboro: <b>8/28/13</b> , High Point: <b>8/27/13</b> , Winston Salem: <b>NA</b>	08/20/13	08/27/13	8	<b>MPOs</b>
61	NCDOT Secretary issues conformity letter for rural area	NA	NA	#VALUE!	<b>NCDOT, RPOs</b>
62	Conformity analysis, report and review complete	08/29/13	08/29/13	1	
63	Place conformity report on website	08/30/13	08/30/13	1	<b>McIntyre</b>
64	<b>Federal Action</b>	<b>09/03/13</b>	<b>09/30/13</b>	28	<b>Dancausse</b>
65	Transmit Report to FHWA/TPB	09/03/13	09/03/13	1	<b>Rhine</b>
66	FHWA transmit report to EPA & FTA	09/03/13	09/13/13	11	<b>Dancausse</b>
67	USDOT Determination	09/30/13	09/30/13	1	<b>Dancausse</b>
68	USDOT Letter to State/MPO	09/30/13	09/30/13	1	<b>Dancausse</b>
69	<b>Process Complete</b>	09/30/13	09/30/13	1	
70	<b>Conformity Process Complete -- September 30, 2013</b>	<b>09/30/13</b>	NA	NA	

**From:** [Hildebrandt, Heather](mailto:Hildebrandt.Heather)  
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**Subject:** RE: REPLY REQUESTED by 5/15/13: Greensboro MPO (Guilford County) Conformity LRTP/TIP Amendment U-2524BC  
**Date:** Monday, May 13, 2013 10:13:46 AM

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I agree with this approach.

Sent from my Android phone using TouchDown ([www.nitrodesk.com](http://www.nitrodesk.com))

-----Original Message-----

**From:** Edward.Dancausse@dot.gov [Edward.Dancausse@dot.gov]  
**Received:** Friday, 10 May 2013, 3:00pm  
**To:** Somerville.Amanetta@epa.gov [Somerville.Amanetta@epa.gov]; Hildebrandt, Heather [heather.hildebrandt@ncdenr.gov]  
**CC:** scottr@partnc.org [scottr@partnc.org]; Myra.Immings@dot.gov [Myra.Immings@dot.gov]; Bill.Marley@dot.gov [Bill.Marley@dot.gov]; Bruff, Michael S [mbruff@ncdot.gov]; Abuya, Michael R [mrabuya@ncdot.gov]; Tyler.Meyer@greensboro-nc.gov [Tyler.Meyer@greensboro-nc.gov]; smith.dianna@epa.gov [smith.dianna@epa.gov]; Stanley, Mike [mtstanley@ncdot.gov]; Unwanna.Dabney@dot.gov [Unwanna.Dabney@dot.gov]; Sheckler.Kelly@epa.gov [Sheckler.Kelly@epa.gov]; Davis, Wayne C [wcdavis@ncdot.gov]; Lydia.McIntyre@greensboro-nc.gov [Lydia.McIntyre@greensboro-nc.gov]; Pasley, Todd [todd.pasley@ncdenr.gov]; Pickett, Carrie [carrie.pickett@ncdenr.gov]; mnnun@mblsolution.com [mnnun@mblsolution.com]; david.hyder@highpointnc.gov [david.hyder@highpointnc.gov]; greg.venable@highpointnc.gov [greg.venable@highpointnc.gov]; johnk@partnc.org [johnk@partnc.org]; Chandler, Vicki [vicki.chandler@ncdenr.gov]; Edward.Dancausse@dot.gov [Edward.Dancausse@dot.gov]  
**Subject:** REPLY REQUESTED by 5/15/13: Greensboro MPO (Guilford County) Conformity LRTP/TIP Amendment U-2524BC

To all:

There is an additional project I-5110 in the Greensboro MPO that will require a conformity determination (without a regional emissions analysis). Project details are provided in the attached file. This project is being accelerated in the MPO TIP from FY 16 to FY 14 which triggers a TIP amendment. The TIP amendment will not require a new regional emissions analysis because the project information that is in the Greensboro LRTP and the travel demand model is correct (project description, lanes, mileage, horizon year, etc. is correct). This project will be included with the conformity determination work that is currently underway for the U-2524BC LRTP/TIP amendment.

Please let me know if you agree with approach provided in this email by **5/15/13**.

Thanks

Eddie

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**From:** Dancausse, Edward (FHWA)  
**Sent:** Friday, May 03, 2013 10:59 AM  
**To:** 'McIntyre, Lydia'; 'Somerville.Amanetta@epa.gov'; Heather Hildebrandt (heather.hildebrandt@ncdenr.gov); (Todd.Pasley@ncdenr.gov); Carrie Pickett (carrie.pickett@ncdenr.gov); mnunn@mblsolution.com; david.hyder@highpointnc.gov; Greg Venable (greg.venable@highpointnc.gov); 'johnk@partnc.org'; Chandler, Vicki  
**Cc:** scottr@partnc.org; Immings, Myra (FTA); Marley, Bill (FHWA); Mike Bruff (mbruff@ncdot.gov); mrabuya@dot.state.nc.us; 'Meyer, Tyler'; Dianna Smith (smith.dianna@epa.gov); Mike Stanley (mtstanley@ncdot.gov); Dabney, Unwanna; Sheckler, Kelly; Wayne Davis (wcdavis@ncdot.gov); Dancausse, Edward (FHWA)  
**Subject:** Greensboro MPO (Guilford County) Conformity LRTP/TIP Amendment U-2524BC Meeting Notes and Other Documents

To all:

The attached files contain the meeting minutes (Thanks Lydia), the updated consensus plan and the conformity process schedule.

Amanetta: Please review the materials and let me know if you have any questions or concerns since you were not able to attend the meeting.

If you have any questions, please let me know.

Thanks  
Eddie

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**From:** Dancausse, Edward (FHWA)  
**Sent:** Thursday, April 18, 2013 1:46 PM  
**To:** 'McIntyre, Lydia'; 'Somerville.Amanetta@epa.gov'; Heather Hildebrandt ([heather.hildebrandt@ncdenr.gov](mailto:heather.hildebrandt@ncdenr.gov)); ([Todd.Pasley@ncdenr.gov](mailto:Todd.Pasley@ncdenr.gov)); Carrie Pickett ([carrie.pickett@ncdenr.gov](mailto:carrie.pickett@ncdenr.gov)); [mnunn@mblsolution.com](mailto:mnunn@mblsolution.com); [david.hyder@highpointnc.gov](mailto:david.hyder@highpointnc.gov); Greg Venable ([greg.venable@highpointnc.gov](mailto:greg.venable@highpointnc.gov)); 'johnk@partnc.org'; Chandler, Vicki  
**Cc:** [scottr@partnc.org](mailto:scottr@partnc.org); Immings, Myra (FTA); Marley, Bill (FHWA); Mike Bruff ([mbruff@ncdot.gov](mailto:mbruff@ncdot.gov)); [mrabuya@dot.state.nc.us](mailto:mrabuya@dot.state.nc.us); Meyer, Tyler; Dianna Smith ([smith.dianna@epa.gov](mailto:smith.dianna@epa.gov)); Mike Stanley ([mtstanley@ncdot.gov](mailto:mtstanley@ncdot.gov)); Dabney, Unwanna; Sheckler, Kelly; Dancausse, Edward (FHWA); Wayne Davis ([wcdavis@ncdot.gov](mailto:wcdavis@ncdot.gov))  
**Subject:** Greensboro MPO (Guilford County) Conformity LRTP/TIP Amendment U-2524BC

To all:

The attached files contain a meeting agenda, consensus plan and the conformity process schedule. We will review and discuss these materials during the IC meeting next week.

If you have any questions, please let me know.

The description of the LRTP/TIP amendment is provided below:

### **Background**

#### **Project Purpose /Description (Extracted from NCDOT Scoping minutes):**

To provide continuity for the I-73 connector from existing I-73/I-840 to Bryan Blvd (Future I-73), and improve the function and reduce conflicts (by providing an auxiliary lanes) extending the distance in which merge/weave/diverge will occur.

- Add auxiliary lane from the flyover in the northwest quadrant of I-73/I-840/Bryan Blvd Interchange going west along Bryan Blvd (Future I-73) just west of Inman Road Bridge (approximately 4150 feet).
- Add auxiliary lane from Inman Road Bridge and the ramp in the southwest quadrant going south along I-73/I-840 to the Ballinger Road Bridge (approximately 7400 feet).
- Replace the bridge on Inman Road.

The project length approximately 2.2 miles.

*Mapping of the proposed improvements is also attached.*

#### **Proposed LRTP/ MTIP Project Description**

U- 2524 Greensboro Western Loop, North of I-85 to Lawndale Drive in Greensboro. Construct Freeway on New Location.

BC – SR 2085 (Bryan Boulevard) Interchange Modification

Thanks

Eddie

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**From:** McIntyre, Lydia [<mailto:Lydia.McIntyre@greensboro-nc.gov>]  
**Sent:** Wednesday, April 17, 2013 12:28 PM  
**To:** Dancausse, Edward (FHWA)  
**Subject:** FW: Greensboro MPO (Guilford County) Conformity Amendment

Eddie

It looks like a majority of people can meet Friday. So I am going to send out a meeting request for Friday at 2pm. But release I do not have a call in number. Could you provide me one? Thanks

*Lydia M. McIntyre*

Transportation Planning Engineer

Greensboro DOT/MPO

City of Greensboro

Phone: 336-373-3117 Fax: 336-412-6171

P.O. Box 3136, Greensboro, NC 27402

[www.greensboro-nc.gov](http://www.greensboro-nc.gov)

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**From:** burlmpo [<mailto:burlmpo@ci.burlington.nc.us>]  
**Sent:** Monday, April 15, 2013 8:35 AM  
**To:** McIntyre, Lydia  
**Subject:** RE: Greensboro MPO (Guilford County) Conformity Amendment

26 in PM is best for me – can not do 25<sup>th</sup>

Thanks  
MN

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**From:** McIntyre, Lydia [<mailto:Lydia.McIntyre@greensboro-nc.gov>]  
**Sent:** Friday, April 12, 2013 1:18 PM  
**To:** [Edward.Dancausse@dot.gov](mailto:Edward.Dancausse@dot.gov); [Sheckler.Kelly@epa.gov](mailto:Sheckler.Kelly@epa.gov); [heather.hildebrandt@ncdenr.gov](mailto:heather.hildebrandt@ncdenr.gov); [todd.pasley@ncdenr.gov](mailto:todd.pasley@ncdenr.gov); burlmpo; DAVID HYDER; [scottr@partnc.org](mailto:scottr@partnc.org); John Kim  
**Cc:** [Myra.Immings@dot.gov](mailto:Myra.Immings@dot.gov); [Bill.Marley@dot.gov](mailto:Bill.Marley@dot.gov); Abuya, Michael R; Bruff, Michael S; Meyer, Tyler  
**Subject:** Greensboro MPO (Guilford County) Conformity Amendment

Good Morning All

The Greensboro MPO needs to add TIP# U-2425BC to the existing 2035 LRTP and the 2012-2018 MTIP. The project is already in the STIP. But, in order to add the project a conformity analysis must be performed including running the travel demand model. We will need to have a kick-off meeting in the next two weeks to discuss the schedule and logistics. The project will modify the existing interchange at Bryan Boulevard to add auxiliary lanes to handle future traffic from the I-73 Connector (I-5110).

**Please let me know your availability for Thursday, 25<sup>th</sup> or Friday, 26<sup>th</sup>.** Background information has been provided below.

Myra we have cced you on the email as a FYI.

Thanks!

### **Background**

**Project Purpose /Description (Extracted from NCDOT Scoping minutes):**

To provide continuity for the I-73 connector from existing I-73/I-840 to Bryan Blvd (Future I-73), and improve the function and reduce conflicts (by providing an auxiliary lanes) extending the distance in which merge/weave/diverge will occur.

- Add auxiliary lane from the flyover in the northwest quadrant of I-73/I-840/Bryan Blvd Interchange going west along Bryan Blvd (Future I-73) just west of Inman Road Bridge (approximately 4150 feet).
- Add auxiliary lane from Inman Road Bridge and the ramp in the southwest quadrant going south along I-73/I-840 to the Ballinger Road Bridge (approximately 7400 feet).
- Replace the bridge on Inman Road.

The project length approximately 2.2 miles.

*Mapping of the proposed improvements is also attached.*

**Proposed LRTP/ MTIP Project Description**

U- 2524 Greensboro Western Loop, North of I-85 to Lawndale Drive in Greensboro. Construct Freeway on New Location.

BC – SR 2085 (Bryan Boulevard) Interchange Modification

*Lydia M. McIntyre*

Transportation Planning Engineer

Greensboro DOT/MPO

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to third parties.



**From:** [Stanley, Mike](#)  
**To:** [Lakata, Richard J](#); [Gregory Errett](#); [Wendy Miller](#)  
**Cc:** [Ivey, Stephen P](#); [Bailey, John A](#); [Hampton, Diane K](#); [Edward.Dancausse@dot.gov](mailto:Edward.Dancausse@dot.gov); [Arellano, Terry C](#); [McIntyre, Lydia](#)  
**Subject:** RE: April 2013 handout - MPO supplements  
**Date:** Friday, May 10, 2013 11:32:44 AM

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Hey, Wendy- re: April handout item on U-2827BA (Business 40 project) - how do y'all have that one classified in your LRTP? If non-exempt, there'll need to be a conformity determination, since the TIP action crosses the 4-year threshold.

Since horizon year wouldn't be changing, to my knowledge, this could probably be an administrative action. I understand Lydia is working on something for a couple of Greensboro STIP projects, so you might be able to combine efforts. You may want to give Eddie a call to figure out next steps. -m

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**From:** Lakata, Richard J  
**Sent:** Tuesday, April 09, 2013 11:06 AM  
**To:** Gregory Errett; Wendy Miller  
**Cc:** Ivey, Stephen P; Bailey, John A; Hampton, Diane K  
**Subject:** April 2013 handout - MPO supplements

Hey, Greg and Wendy -- attached is a list of proposed STIP actions concerning WSUAMPO-area projects, that were presented to the Board of Transportation at their April 2013 meeting for 30-day legislative review. These will be brought back to the Board for approval next month. If for some reason the Board does not ultimately approve a proposed action, you will be notified.

Any proposed actions tagged as "Amendments" (noted with an asterisk) will need to be reflected in your TIP also. All other actions constitute "Administrative Modifications" and TAC action is at your discretion.

Let me or Mike Stanley know if you have questions.

--Rick

***Richard J. Lakata, P.E.***

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