

Appendix D: Interagency Consultation Meeting Minutes

Triad Area IC Meeting Minutes 8/26/08

Meeting Attendees (Via Teleconference)

Lydia McIntyre (GUAMPO)	Mike Abuya (NCDOT)
Behshad Norowzi (NCDOT)	Scott Rhine (PART)
Eddie Dancausse (FHWA)	Terry Arellano (NCDOT)
Attefe Northcut (NCDOT)	Mike Bruff (NCDOT)
Wendy Miller (WSMPO)	Derry Schmidt (NCDOT)
Amanetta Wood (EPA)	Fred Haith (WSMPO)
Andy Bailey (NCDOT)	Paul Schroeder (NCDOT)
Janice Godfrey (DAQ)	David Hyder (HMPO)
Heather Hildebrandt (DAQ)	Pat Regan (FCEAD)
Wayne Davis (NCDOT)	Greg Errett (WSMPO)

Summary

□ Conformity Update

- 2009-2015 TIP
 - Scott provided an overview of documentation developed and that which is needed to be forwarded to FHWA for distribution to federal agencies for final review. The items needed for final document preparation are listed below:
 - Newspaper Advertising Affidavits
 - BGMPO, HPMPO, GUAMPO, WSMPO
 - Agency review and Public Comments and Responses
 - BGMPO, HPMPO, GUAMPO, WSMPO
 - NCDOT Letter from Secretary of Transportation
 - MPO TAC Resolutions for TIP and Conformity Report
 - BGMPO, HPMPO, GUAMPO, WSMPO
 - It was also noted to insert state and federal agency comments into the appropriate appendix of the final report prior to distribution.
- Triad MPO LRTP
 - Scott opened discussions on what activities have occurred, and those additional items that need addresses for the LRTP release and accompanying conformity document to proceed.
 - Verification was given that emission factors are within acceptable range to meet SIP budgets for all horizon years.
 - Verification was given that SIP Budgets have been approved.
 - FHWA will distribute a letter to all agencies identifying that the LRTP has lapsed.
 - NCDOT will deliver to NCDAQ all model related files.
 - Scott will compile necessary documentation to have the LRTP Conformity document ready for public release mid September.
 - High Point and Greensboro MPO will release the two documents in September and have MPO TAC occur in the October and November timeframe.
 - WSMPO and BGMPO will plan for MPO TAC adoption in January.

- An updated Consensus plan and conformity schedule will be distributed to all IC partners.
- Next Steps – TIP Conformity Report
 - Scott will communicate with MPO's and NCDOT on needed files for final report preparation and distribute to all IC partners.
 - Report will be distributed no later than September 2, 2008.
- Next Steps – LRTP, Conformity Report
 - Everyone decided to move forward to Public Review with the LRTP and Conformity Report since ozone is now within acceptable range and conforming.
 - HPMPO, GUAMPO, BGMPO will be releasing public review in Mid-September.
 - WSMPO will release in the November-December timeframe
 - Scott will compile all outstanding documents and distribute draft conformity report to all partners by mid-September.
 - PART and FHWA will update the conformity schedule and consensus plan.

Action Items

- MPO's will provide to PART all related files for inclusion in to the Conformity reports for both TIP and LRTP.
- NCDOT will deliver letter for rural portions of Davidson and Davie Counties for the TIP Conformity.
- PART will distribute the TIP conformity report to all IC partners.
- PART and FHWA will update the consensus plan and the conformity schedule for the LRTP.
- MPO's will schedule and conduct their public participation meeting for the LRTP and conformity report.

Triad Area IC Meeting Minutes 7/3/08

Meeting Attendees (Via Teleconference)

Lydia McIntyre (GUAMPO)	Mike Abuya (NCDOT)
Tyler Meyer (GUAMPO)	Behshad Norowzi (NCDOT)
Eddie Dancausse (FHWA)	Terry Arellano (NCDOT)
Phil Conrad (BGMPO)	Mike Bruff (NCDOT)
Wendy Miller (WSMPO)	Derry Schmidt (NCDOT)
Amanetta Wood (EPA)	Alena Cook (NCDOT)
Andy Bailey (NCDOT)	Paul Schroeder (NCDOT)
Janice Godfrey (DAQ)	David Hyder (HMPO)
Laura Boothe (DAQ)	Pat Regan (FCEAD)
Wayne Davis (NCDOT)	Van Sullivan (FCEAD)

Summary

- **Conformity Update**
 - Vehicle Mix
 - Behshad noted the 2008 vehicle mix had been applied for the 2010 1 hr ozone emissions analysis. The results show Guilford County exceeding by 1 ton. Noted it had not been applied to the 2012 network year.
 - Janice, with verification from Pat, noted it was agreed to use the 2008 vehicle mix only for 2010 network analysis.
 - Behshad noted the analysis did not include the adjustments to the Mobile 6.2 default values

- # Starts by vehicle class
 - Behshad responded to DAQ questions on vehicle start data just prior to the conference call
 - Janice inquired if actual vehicle registration data had been used vs. the linc data
 - Behshad noted if use DMV info advantageous because emission factors would be lower. Consider the current method more conservative. Note DMV data only has 3 years of data (2005,2006, and 2007, 2004 not available). DMV data would require extrapolation for future years based on smaller data set. Linc data has a larger data set.
- Additional Option(Relative Humidity)
 - Behshad noted that previous conformity analysis allowed the relative humidity to be adjusted to reflect local conditions in Mobile 6.2.
 - Laura noted this was allowed previously because that particularly budget was based on Mobile 5. But the Triad budget was based on Mobile 6.2.
 - Amanetta noted must use the same parameters used to set budget, so this was not an option.
- Additional Option (Time Day Model outputs)
 - Behshad also noted another option could be to look at VMT and speeds at a disaggregate level. This means looking at data on hourly bases vs. daily, which is the current method.
- Additional Option (Vehicle Registration Data)
 - Mike asked DAQ to consider using vehicle registration data to revise Mobile 6.2 default values. Noted registration data is showing .70 for LDV and .37 -.39 for LDT.
 - DAQ and EPA would review after getting more information on the request
 - Mike state he was not suggested one vehicle mix for roadway classes, but would use Mobile 6.2 values.
 - Mike request was based on FHWA study in Idaho – will forward to FHWA, DAQ, and EPA
- Next Steps – Conformity Analysis
 - Will get decision from DAQ on vehicle start data and methodology
 - If get agreement from DAQ, will revise Mobile 6.2 default values and run conformity for 2010.
 - If still unable to reach conformity will explore additional options discussed earlier
 - Laura and Amanetta suggested will need to apply to all network years and Behshad agreed they would after doing the 2010 analysis.
 - May have results on Monday depending on DAQ response
 - NCDOT will inform everyone of the results
 - Amanetta noted NCDOT needs to make sure they are comparing to the new 1 hour budget
- Next Steps – LRTP, MTIP, Conformity Report
 - Everyone decided to move forward to Public Review with the MTIP and Conformity Report only
 - NCDOT will still work towards conforming
 - MPOs agreed to going out on July 17th and that information needs to be finalized by Monday so Ads can be submitted to papers.
 - Wendy noted she was still waiting to get the project phase list from NCDOT
 - Wayne stated the information would go out after the meeting
 - Eddie noted will make revisions to Winston’s Project U-2925 and send agency comments back out and if you have issues to let him know.
 - Follow up call on Monday, July 7th at 2:30 to discuss the document and public review material including Scott Rhine.

Action Items

- DAQ give NCDOT response on Vehicle start data and permission to use for Mobile default values
- Mike request was based on FHWA study in Idaho – will forward to FHWA, DAQ, and EPA

- NCDOT will inform everyone of the results for 2010 conformity
 - Amanetta noted NCDOT needs to make sure they are comparing to the new 1 hour budget
 - Wayne stated the information would go out after the meeting
 - Eddie noted will make revisions to Winston's Project U-2925 and send agency comments back out and if you have issues to let him know.
 - Follow up call on Monday, July 7th at 2:30 to discuss the document and public review material including Scott Rhine.
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IC Meeting
Triad Area 09-15 TIPs Comparison to 2030 LRTPs
7/2/08

Revised 7/3/08, 7/8/08 & 7/10/08

Meeting Attendees:

- EPA: Amanetta Wood
- FHWA: Bill Marley, Loretta Barren, Eddie Dancausse
- NCDOT: Atefe Northcutt, Mike Bruff, Alena Cook, Paul Schroeder, Wayne Davis, Michael Abuya, Andy Bailey, Rick Lakata,
- NCDAQ: Heather Hildebrandt, Janice Godfrey
- Winston Salem MPO: Wendy Miller, Fred Haith
- High Point MPO: David Hyder
- Greensboro MPO: Lydia McIntyre, Tyler Meyer
- Burlington Graham MPO: Mike Nunn
- PART: Scott Rhine

FHWA Comments:

Greensboro MPO

- Guilford
 - **R-2314**: 9.8 mi in LRTP and 12.4 mi in TIP?
9.8 represents portion in MPO area
 - **R-0609**: not in LRTP
Not in MPO area
 - **U-2412**: 3.8 mi in Greensboro LRTP and 4.9 mi in High Point LRTP for a total of 8.7 mi. The miles in the TIP is 7.8 Please explain
This project is partially in High Point and partially in Greensboro. It appears as though the MPO's have double counted about 0.4 miles at the boundary. The mileage shown in the TIP is correct.
 - **U-4750**: not in LRTP
Shown as U-2524 (Hornaday Road/ Chimney Road Connector – Bridge over Urban Loop) in 2030 LRTP
 - **W-5114**: not in LRTP
 - *New project- 0.4 mile turning lane. Exempt project*
 - **W-4704**: not in LRTP
 - *New project- horizontal realignment, westbound turning lane, and possible addition of traffic light. Exempt project*

High Point MPO

- Guilford
 - **R-0609:** 6.7 mi in LRTP and 12.9 mi in TIP
The original project length was 12.9 miles. 6.7 miles remain to be built. This project is under construction. This project is under construction and should be complete in 2011.
 - **U-2412:** 3.8 mi in Greensboro LRTP and 4.9 mi in High Point LRTP for a total of 8.7 mi. The miles in the TIP is 7.8 Please explain
This project is partially in High Point and partially in Greensboro. It appears as though the MPO's have double counted about 0.4 miles at the boundary.
 - **U-4750:** not in LRTP
This project is not in the HPMPO
 - **W-5114:** not in LRTP
This project is not in the HPMPO
 - **W-4704:** not in LRTP
This project is not in the HPMPO
- Davidson
 - **I-2304:** not in LRTP
This project is not in the HPMPO
 - U-2545: not in LRTP
 - **U-4742:** not in LRTP
This project is not in the HPMPO
 - **W-5115:** not in LRTP
This project is not in the HPMPO
- Forsyth
 - **R-0609:** 6.7 mi in LRTP and 12.9 mi in TIP
This project is partially in High Point and partially in Greensboro. It appears as though the MPO's have double counted about 0.4 miles at the boundary.
 - **U-4909:** not in LRTP
This project is not in the HPMPO
 - **U-4742:** not in LRTP
This project is not in the HPMPO. STP-DA money for intersection improvements in Winston-Salem MPO
 - **U-4918:** not in LRTP
This project is not in the HPMPO

Winston Salem MPO

- Davidson
 - **I-2304:** not in LRTP
Not in the MPO
 - **U-2545:** not in LRTP
Not in the MPO
 - **U-4742:** not in LRTP
Intersection Improvement Projects is in the Exempt Projects List – See Attached Description of STP-DA funded Intersection Improvement Projects
 - **W-5115:** not in LRTP
Not in the MPO
- Forsyth
 - **R-0609:** not in LRTP
Completed in Forsyth County
 - **U-2800:** 0.4 mi in LRTP and 1.9 mi in TIP. Will this project be completed in the 2014 HY?

Macy Grove Road Interchange - Mileage discrepancy is due to the combination of U-2800 Macy Grove Road Interchange and U-4734 Macy Grove Road Extension in the future as one project. I believe the NCDOT TIP Branch added the mileages together and put the total under the U-2800 project. The MPO will work with NCDOT to have the project completed by 2014. Additionally, the 2014 project completion date is far enough in the future that scheduling adjustments (if needed) can be made in the upcoming LRTP update (within 6 months) and future TIPs (by 2010).

- **U-2925B:** Will this project be completed in the 2014 HY?
Salem Creek Connector – The A portion of the project will be completed by 2014, on the B portion, The MPO will work with NCDOT to have the project completed by 2014. Additionally, the 2014 project completion date is far enough in the future that scheduling adjustments (if needed) can be made in the upcoming LRTP update (within 6 months) and future TIPs (by 2010).
 - **U-2579AB & B:** 12.6 mi in the LRTP and 17.1 mi in TIP
Northern Beltway – Eastern Section – Actually the LRTP shows 6.5 miles will fall within the 2014 horizon year. The remainder of the mileage will fall beyond the 2014 horizon year.
 - **U-4909:** not in LRTP
The Union Cross Road (SR 2643) project was listed in the 2030 LRTP in the 2020 Horizon Year as Project Map Code C-32. The project limits and cross-section have changed in the TIP project but are a subset of the 2030 project.
 - **U-4742:** not in LRTP
Intersection Improvement Projects is in the Exempt Projects List – See Attached Description of STP-DA funded Intersection Improvement Projects
 - **U-4918:** not in LRTP
The Research Park Boulevard Project was listed in the 2030 LRTP in the 2015 Horizon Year as Project Map Code B-38. The project limits have changed in the TIP project but are a subset of the 2030 project.
- Davie
 - **U-4742:** not in LRTP
Intersection Improvement Projects is in the Exempt Projects List – See Attached Description of STP-DA funded Intersection Improvement Projects

Burlington Graham MPO

No comments

DAQ Comments:

Burlington- Graham Urban Area

- No Questions

Greensboro Urban Area

- Will the parts of **U-2524** shown in the 2010 project list be open by December 31, 2010? Construction is shown in the TIP for 2012.
Yes portions of U-2524 shown in the 2010 project list will be opened by 12/31/10
 - *Western Urban Loop (Sect A & B) – complete 2008*
 - *Chimney Rock Road Extension- complete*
- I could not find **U-2913** in the TIPs. Is this project completed?
 - *U-2913 –Guilford College Road – Complete 2007*
- Will **R-2413** be open by December 31, 2014?

R-2413C will be opened by 2014 based on construction start date in 2010. Based on the first 4 years in the 2009-2015 STIP, R-2413 A and B could be opened by 2014 based on a right-of-way date of 2010.

- Will **R-2612** be open by December 31, 2014?
R-2612A will be opened by 2014 based on a construction start date in 2010. Based on the first 4 years in the 2009-2015 STIP, R-2612B could be opened by 2014 based on the right-of-way start date in 2012.
- Will **U-2412** be open by December 31, 2014?
U-2412B, the section in Greensboro MPO, is expected to be opened by 2014 based on the construction start date 2012 shown in the first 4 years of the 2009-2015 STIP.
- Will **R-4707** be open by December 31, 2014?
The MPO will work with NCDOT to have the project completed by 2014. Additionally, the 2014 project completion date is far enough in the future that scheduling adjustments (if needed) can be made in the upcoming LRTP update (within 6 months) and future TIPs (by 2010).
- Will **U-4015** be open by December 31, 2014?
U-4015B is complete. For U-4015A: The MPO will work with NCDOT to have the project completed by 2014. Additionally, the 2014 project completion date is far enough in the future that scheduling adjustments (if needed) can be made in the upcoming LRTP update (within 6 months) and future TIPs (by 2010).

High Point Urban Area

- I could not find the following projects in the TIPs. Are they completed?
 - **U-2913**
Project Complete
 - **U-2702**
This project is under construction
 - **U-3336**
Project Complete
 - **U-3122**
Project Complete
 - **U-2412**: is in the 2014 project list, but the TIP still shows construction past 2014.
FHWA has signed the environmental document. The MPO will work with NCDOT to have the project completed by 2014. Additionally, the 2014 project completion date is far enough in the future that scheduling adjustments (if needed) can be made in the upcoming LRTP update (within 6 months) and future TIPs (by 2010).
 - **R-2568BC**: is in the 2014 project list. While most of this project appears to be complete/near completion, part C seems to show construction post 2014.
R-2568B is Complete to Old Lexington Rd. R-25468C (old Lexington Rd to I-40) is still v. early in the NEPA process (selection of alternatives for additional study). The MPO will work with NCDOT to have the project completed by 2014. Additionally, the 2014 project completion date is far enough in the future that scheduling adjustments (if needed) can be made in the upcoming LRTP update (within 6 months) and future TIPs (by 2010).
 - I could not find **U-3434** in the TIP. This project is in the 2014 HY for the ozone plan. I was able to find it in the 2020 HY for the PM 2.5 project list, however.
This project in Randolph County which is not a maintenance county and is not part of the projects considered for this review.
 - I could not find **R-2606AB** in the TIP.
This project in Randolph County which is not a maintenance county and is not part of the projects considered for this review.

Winston-Salem Urban Area

- Will **R-2577A** be open by December 31, 2014? All construction shown in the TIP is PY.
US 158, Reidsville Road – The MPO will work with NCDOT to have the project completed by 2014. Additionally, the 2014 project completion date is far enough in the future that scheduling adjustments (if needed) can be made in the upcoming LRTP update (within 6 months) and future TIPs (by 2010).
- Will the portions shown in the 2014 project list for the following projects be open by December 31, 2014? Some construction is post 2014.
 - **U-2800**
Macy Grove Road Interchange – The MPO will work with NCDOT to have the project completed by 2014. Additionally, the 2014 project completion date is far enough in the future that scheduling adjustments (if needed) can be made in the upcoming LRTP update (within 6 months) and future TIPs (by 2010).
 - **U-2579AB & B**
Northern Beltway – Eastern Section – The MPO will work with NCDOT to have the project completed by 2014. Additionally, the 2014 project completion date is far enough in the future that scheduling adjustments (if needed) can be made in the upcoming LRTP update (within 6 months) and future TIPs (by 2010).
 - **U-2925B**
Salem Creek Connector – The A portion of the project will be completed by 2014, on the B portion, The MPO will work with NCDOT to have the project completed by 2014. Additionally, the 2014 project completion date is far enough in the future that scheduling adjustments (if needed) can be made in the upcoming LRTP update (within 6 months) and future TIPs (by 2010).
- All construction for **U-4413** is shown as PY. Will this project be opened by December 31, 2014?
Broad Street in Winston-Salem - The MPO will work with NCDOT to have the project completed by 2014. Additionally, the 2014 project completion date is far enough in the future that scheduling adjustments (if needed) can be made in the upcoming LRTP update (within 6 months) and future TIPs (by 2010).
- I could not find the following projects in the TIPs. Are they open?
 - **U-2707**
Idols Road Extension – The MPO will work with NCDOT to have the project completed by 2014. Additionally, the 2014 project completion date is far enough in the future that scheduling adjustments (if needed) can be made in the upcoming LRTP update (within 6 months) and future TIPs (by 2010).
 - **U-3119A**
Lewisville-Clemmons Road – Under construction
 - **U-3457**
STIP project has been deleted – work will be completed using Division 9 small construction funds. (Page T-85 of the STIP)
 - **U-2923**
Clemmons Road – Construction to be completed in 2012.
 - **U-4759**
Union Cross Road - Completed
 - **U-4760**
Dell Boulevard - Completed

Forsyth County TIP

- I did not find **R-0609** in any of the Plans. Is the construction portion of this project completed?
Completed in Forsyth County

Guilford County TIP

- I could not find **U-4750** in any of the Plans. This project shows an extension of Hornaday Road in 2009. Shown as U-2524 (Hornaday Road/ Chimney Road Connector – Bridge over Urban Loop) in 2030 LRTP

Davidson and Davie County TIPs

No Questions

EPA Comments:

No additional comments from what FHWA and NCDAQ provided

FTA Comments:

No comments