

***Draft* FY2016-2025**

Transportation Improvement Program

**APPENDIX A: TRANSPORTATION CONFORMITY
DETERMINATION REPORT**

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Conformity Determination Report – Short Form

Triangle Area (CAMPO and DCHC MPO) Metropolitan Transportation Planning Process

Metropolitan Transportation Plan: **2040**
Transportation Improvement Program: **FY 2016-2020 (portion of the FY2016-25 TIP)**

Nature of Action:

- Administrative Modification
 Amendment - CAMPO and DCHC MPO MTP Amendment and 2016-20 portion of the FY2016-25 TIP
 Planning Action Only
 New Emissions Analysis Required

A full list of all proposed changes is provided in Appendix A. Administrative Modifications and Planning Action Amendments do not impact financial constraint of the TIP or MTP (40 CFR 93.108), as any change in federal funding will be drawn from existing program balances, as verified by the North Carolina Department of Transportation.

Date of Last Conforming Emissions Analysis (40 CFR 93.110, 93.111, 93.113, 93.114, 93.115, 93.118):

June 14, 2013 - 2040 MTP and FY 2012-2018 TIP

The above dated Conformity Determination Report was found by FHWA and EPA to meet the transportation requirements of the Clean Air Act set forth in 40 Code of Federal Regulations Part 93. The Triangle Maintenance Area meets all motor vehicle emissions budgets and conformity tests established through the State Implementation Plan and via Interagency Consultation for the CO standard. On June 20, 2013, the EPA approved a maintenance plan, known as a "limited maintenance plan," for Wake and Durham County, North Carolina CO maintenance area. This limited maintenance plan has a 2015 horizon year. After September 18, 2015, the limited maintenance plan provisions will no longer apply. Because of the approved limited maintenance plan, the Capital Area Metropolitan Planning Organization and Durham-Chapel Hill-Carrboro Metropolitan Planning Organization no longer have to complete a regional emissions analysis for the CO standard pursuant to 40 Code of Federal Regulations (CFR) 93.109(e). However, all other transportation conformity requirements under 40 CFR 93.109(b) continue to apply. With these actions, the 2016 -2020 portion of the FY2016-25 TIP will be a direct subset of the Triangle Area 2040 MTP.

Proposed Approval Dates:

See attached conformity process schedule in Appendix B

Appendices:

- A. *Proposed Project Changes*
- B. *Conformity Process Schedule*
- C. *Interagency Consultation (40 CFR 93.112 & 93.115)*
- D. *Public Participation Ads*
- E. *Public/Agency Comments and Responses*
- F. *Adoption, Endorsement Resolutions and Agency Determinations*

Report Preparation:

Prepared by: **John Hodges-Copple**
Title: **Director of Regional Planning, Triangle J Council of Governments (TJCOG)**
Contact Email: **johnhc@tjcog.org**
Contact Phone: **919-558-9320**
Date: **June 1, 2015**

APPENDIX A

2040 MTP Amendment and 2016-25 MTIP Project List

Durham-Chapel Hill-Carrboro MPO

Changes to Appendix 1: Roadway Project List

Sorted by Project Name. **Bold font** denotes additions. ~~Strikethrough~~ denotes deletions.

TIP #	MPO Project ID	Route / Facility Name	From	To	Existing # of Lanes	Proposed # of Lanes	Project Length (miles)	Regionally Significant	Exempt from AQ	Total Cost	MTP Analysis Year
none	9	Carver St Extension	Armfield St	Old Oxford Rd	0	4	1.00	No	No	\$ 10,110,000	2014 2020
U-0071	15	East End Connector (EEC)	NC 147	US 70 E; NC 98	0	4	3.20	Yes	No	\$ 153,981,250 140,997,000	2017 2020
U-5304B	211	Fordham Blvd (superstreet)	Sage Rd	E Lakeview Dr	4	4	0.65	Yes	No	\$ 2,178,000 2,052,000	Post-2040 2030
U-5304	73.1 (a)	Fordham Blvd (NC 54/NC 86 interchange) (add lane on US 15/501 northbound ramp)	US 15-501	NC 54	1	2	0.43	Yes	No	\$ 2,175,000	2030
I-3306A	43	I-40	US 15-501 Durham and Orange County line	NC 86	4	6	4.10	Yes	No	\$ 43,457,093 31,641,439	2019 2030
I-3306A	44	I-40	NC 86	I-85	4	6	7.32	Yes	No	\$ 46,342,907 56,491,552	2019 2030
FS-1205A I-5702A	45.2	I-40 Managed Lanes	NC 147	US 15-501	0	2	8.55	Yes	No	\$ 240,408,762 526,780,000	2040 2030
I-5707	45.3	I-40 (westbound auxiliary lane)	NC 55	NC 147	6	7	1.2	Yes	No	\$ 15,969,000	2030
U-5517	70.4 (b)	I-40/ NC 54 ramp	Farrington Rd.	I-40	0	1	0.20	No	Yes	\$ 1,600,000	2014 2030
none	223	Legion Rd Extension	Legion Rd	Fordham Blvd	0	2	0.10	No	No	\$ 567,876	2020 2030
U-5774B	208	NC 54/Barbee Chapel Rd (interchange) (intersection improvements)	NC 54	Barbee Chapel Rd	0	2 4	0.20	No	No	\$ 9,200,000	Post-2040 2030
U-3308	75.1	NC 55 (Alston Ave)	NC 147	Main St	2	4	0.42	No	No	\$ 14,010,839 13,098,120	2017 2020
U-3308	75.2	NC 55 (Alston Ave)	Main St	NC 98	2	2	0.58	No	No	\$ 17,013,161 18,087,880	2017 2020

TIP #	MPO Project ID	Route / Facility Name	From	To	Existing # of Lanes	Proposed # of Lanes	Project Length (miles)	Regionally Significant	Exempt from AQ	Total Cost	MTP Analysis Year
none	86 (c)	Old NC 86	I-40	Lafayette Dr	2	4	0.80	No	No	\$ 7,735,728	2040
none U-5845	87 (c)	Old NC 86 S Churton St	Lafayette Dr I-40	US 70 Business Eno River	2	4	1.70 2.60	No	No	\$ 16,438,422 26,240,000	2040 2030
U-5848	89.3	Orange Grove Connector	Orange Grove Rd	US 70	0	2	0.40	No	No	\$ 4,950,000 5,300,000	2030
none	220	Purefoy Rd Extension	Sandberg Ln	Weaver Dairy Rd	0	2	0.60	No	No	\$ 3,407,255	2020 2030
U-5516	92.1	Roxboro/Latta/Infinity (intersection)	Latta Rd.	Infinity Rd.	4	6	0.50	Yes	No	\$ 4,100,000	2014 2020
none	221	S Elliot Rd Ext	Fordham Blvd	Ephesus Church Rd	0	2	0.25	No	No	\$ 2,231,819	2020 2030
U-5717	113.1 (d)	US 15-501 Interchange	US 15-501	Garrett Rd	0	6	0.25	Yes	No	\$ 23,870,000	2030
U-5823	123.11	Woodcroft Parkway Extension	Garrett Rd	Hope Valley Rd	0	2	0.27 0.2	No	No	\$ 2,504,002 2,219,000	2030

These footnotes are to clarify the reasoning for particular roadway amendments and will be part of the amended 2040 MTP:

- (a) New MTP project #73.1 is a part of the current MTP project #73, Fordham Blvd, from NC 54 (Raleigh Rd) to US 15/501/NC 86, proposed six-lane cross-section, 2030 horizon year.
- (b) MTP project #70.4 was deleted from the FY 12-18 STIP as a stand-alone project, but will likely be needed for proper functioning of the NC 54/Farrington Rd grade separation.
- (c) Project #86 and #87 have been combined into a single MTP project.
- (d) Project #113.1 is a part of the current MTP project #113, US 15-501 (freeway conversion), US 15-501 bypass to I-40, 2040 horizon year.

Addition to Section 7.9: Rail Investments

The following paragraph shall be inserted after the third paragraph of Section 7.9, on page 61:

The 2040 MTP assumes support for the preservation and purchase, should the opportunity present itself, of any existing or dormant rail corridors in the DCHC MPO or CAMPO planning area. These rail corridors represent an invaluable assemblage of rights-of-way that can be used for future bicycle/pedestrian paths, passenger rail service or other transportation facilities.

APPENDIX A (continued)

2040 MTP Amendment and 2016-25 MTIP Project List

NC Capital Area MPO

TIP ID	MPO Project ID	Route / Facility Name	From	To	Description	Existing # of Lanes	Proposed # of Lanes	Project Length (Miles)	Regionally Significant	Exempt from AQ	Actual Project Cost	MTP Analysis Year
R-5705	A118c	NC-55	Rawls Church Road	Angier Town Limit	Widen to Multi-Lanes	2	4	0.94	Yes	No	\$ 9,706,000	2030
U-5747	A119 (partial)	NC-54	McCrimmon Parkway		Upgrade at-Grade Intersection to Grade Separation with Grade Separation of NCRR	2	4	2.00	No	No	\$18,600,000	2030
U-5748	A130c	US-401 Louisburg Road	SR 2224 (Mitchell Mill Road) / SR 2044 (Ligon Mill Road)		Convert At-grade Intersection to Interchange	0	0	2.00	Yes	No	\$13,704,000	2030
U-5744	A139	US-70	SR 2026 (Hammond Road), SR 2812 (Timber Drive)		Construct An interchange	0	0	2.00	No	No	\$17,238,000	2030
	A207a (partial)	Judd Parkway NE	Main St.	Products Rd	Widening	2	4	0.60	No	No		2020
U-5828	A26b	- McCrimmon Parkway	Airport Boulevard	SR 3084 (Aviation Parkway)	Widen and Extend Roadway to Four-Lane Divided Facility	2	4	1.42	No	No	\$14,672,000	2040 2030
U-5827	A27c	SR-1632 Louis Stephens Rd	Poplar Pike Lane	SR 2153 (Little Dr)	Construct 2 lanes on 4 lane R/W	2	4	0.54	No	No	\$ 2,756,000	2040 2030
R-3410A	A407b2 Jhns2b (partial)	NC-42	NC 50	US 70 Bypass	Widen to Multi-Lanes	2	4	5.52	Yes	No	\$56,209,000	2040 2030
U-5746	A480b	US-401	NC 540	SR 1010 (Ten Ten Road)	Widen Roadway to Six Lanes	4	6	0.82	Yes	No	\$19,985,000	2030 2020
U-2901B	A622 A96b	NC-55 Williams Street	Apex Peakway	Bryan Drive	Widen to Multi-Lanes	2	4	0.46	Yes	No	\$ 2,380,000	2030
U-5751	A637	US-401	NC 55		Construct a Trumpet interchange to replace the two existing at grade intersections. First intersection - US 401/NC 55/NC	0	0	2.00	No	No	\$ 7,130,000	2030

TIP ID	MPO Project ID	Route / Facility Name	From	To	Description	Existing # of Lanes	Proposed # of Lanes	Project Length (Miles)	Regionally Significant	Exempt from AQ	Actual Project Cost	MTP Analysis Year
R-5705	A118c	NC-55	Rawls Church Road	Angier Town Limit	Widen to Multi-Lanes	2	4	0.94	Yes	No	\$ 9,706,000	2030
U-5747	A119 (partial)	NC-54	McCrimmon Parkway		Upgrade at-Grade Intersection to Grade Separation with Grade Separation of NCRR	2	4	2.00	No	No	\$18,600,000	2030
					42. Second intersection to south - NC 55 / NC 42.							
U-5518B	A645	US-70	TW Alexander Drive		Upgrade Existing at-Grade intersection to interchange	4	4	2.00	No	No	\$30,400,000	2020 2030
U-5811	A64a A64b, A64d	SR-1002 Aviation Parkway	NC 54	I-40	NC 54 to I-40. Widen to Multi-Lanes with interchange Modifications at I-40	2	4	2.44	Yes	No	\$28,287,000	2040 2030
R-2814C	A90c	US 401 Widening	US 401 Rolesville Bypass	Flat Rock Church Rd	Section C is no longer in the STIP, STIP mileage for all of R-2814	2	4	6.64	No	No		2020 2030
U-5301A	F15a1	US-64	SR 1306 (Laura Duncan Road)		Convert at-Grade intersection to interchange.	4	4	2.00	Yes	No	\$38,200,000	2030
U-5301B	F15a2	US-64	SR 1521 (Lake Pine Drive)		Convert at-Grade intersection to interchange.	0	0	2.00	No	No	\$38,900,000	2030
I-5701	F43	I-40	I-440/US 1/64	Lake Wheeler Road	Widen 6-Lane Freeway to 8 Lanes	6	8	4.45	Yes	No	\$13,100,000	2020 2030
R-2721	F5	NC-540 New Route - Southern Wake Freeway/Triangle Expressway (Toll)	NC 55 (South)	US 401	Construct Freeway on New Location (toll)	0	6	16.80	Yes	No	#####	2030 2020
R-3825B	Jhns1b	NC-42	East of SR 1902 (Glen Laurel Road)	SR 1003 (Buffaloe Road)	Widen to Multi-Lanes	2	4	4.35	Yes	No	\$20,300,000	2030 2020
R-3410B	Jhns2b Jhns2a (partial)	NC-42	US 70 Bypass	US 70 Business	Widen to Multi-Lanes	2	4	3.11	Yes	No	\$35,019,000	2030

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R-5705	A118c	NC-55	Rawls Church Road	Angier Town Limit	Widen to Multi-Lanes	2	4	0.94	Yes	No	\$ 9,706,000	2030
U-5747	A119 (partial)	NC-54	McCrimmon Parkway		Upgrade at-Grade Intersection to Grade Separation with Grade Separation of NCRR	2	4	2.00	No	No	\$18,600,000	2030
R-3618	Jhns3	- New Route	SR 1553 (Shotwell Road) West of US 70	NC 42 East of Clayton	SR 1553 (Shotwell Road) West of US 70 to NC 42 East of Clayton. Two Lanes on Multi-Lane Right of Way, New Location.	0	4	2.33	No	No	\$30,548,000	2030
I-5704	N/A	I-40	West of Wade Ave	East of US 1/64 (Limits of I-5338)	Widen Roadway to 8 Lanes and Rehabilitate Pavement.	6	8	4.18	#N/A	#N/A	\$37,734,000	2030
I-5708	N/A	I-440	SR 2000 (Wake Forest Rd)		Revise Interchange to Diverging Diamond	6	6	2.00	#N/A	#N/A	\$ 6,670,000	2030
I-5873	N/A	I-40	NC 54		Convert Existing interchange to a Diverging Diamond.	6	6	2.00	#N/A	#N/A	\$ 7,304,000	2020
R-5707	N/A	NC-56	NC 50		Intersection Realignment of NC 56, NC 50, and US 15 in Creedmoor.	2	2	0.50	#N/A	#N/A	\$ 2,325,000	2020

Sorted by MTP Project ID.

Bold font denotes additions.

~~strikethrough~~ denotes deletions.

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Line ID#	Appendix B: <i>Conformity Process Schedule</i> Version: June 1, 2015	Schedule Summary	
		Start	End
		Date	Date
1	Project start --		
2	Interagency consultation (IC)	4/15/15	5/8/15
3	develop participant list	4/15/15	
4	contact potential attendees and solicit meeting dates	4/16/15	
5	Set IA consultation process (format, etc.)	4/23/15	
6	Finalize project list		
7	Develop draft TCPCP		
8	Develop draft CPS		
9	Prepare presentations		
10	Email reminder and IC materials to IC partners	4/24/15	4/24/15
11	IC response to materials	4/27/15	5/4/15
12	Consultation summary	5/5/15	5/5/15
13	Circulate and Review summary	5/5/15	5/8/15
14	Follow up to address comments		
15	Transportation Planning	4/15/15	6/17/15
	MPO TACs (or TCCs) approve MTP/TIP Amendments project list: BG MPO: NA, CAMPO: 6/17/15, DCHC MPO: 6/10/15	6/10/15	6/17/15
16			
17	Conformity Report Preparation	5/11/15	6/17/15
18	Preliminary report preparation	5/11/15	5/20/15
19	Prepare pre-draft report		
20	Print pre-draft report		
21	Internal Review pre-draft		
22	Agency Review (EPA/FTA/NCDAQ/FHWA) of pre-draft CDR		
23	Respond to Agency Comments		
24	Place conformity report on website	5/20/15	5/20/15
25	TACs release conformity draft for public comment & agency review: BG MPO: NA, CAMPO: 6/17/15, DCHC MPO: 6/10/15	6/10/15	6/17/15
26	Interagency and public review	6/18/15	7/24/15
27	DENR Review	6/18/15	7/20/15
28	FHWA Initial Review	6/18/15	7/20/15
29	FTA Initial Review	6/18/15	7/20/15
30	EPA Initial Review	6/18/15	7/20/15
31	Public Review (MPOs and RPOs)	6/18/15	7/20/15
32	Respond to Agency and Public Comments	7/21/15	7/24/15
33	MPO & Rural Conformity Determination	7/27/15	9/21/15
34	TACs Adopt Final MTIPs with AQ conformity-public hearing BG MPO: NA, CAMPO: 9/16/15, DCHC MPO: 9/9/15	9/9/15	9/16/15
35	NC DOT Secretary issues conformity letter for rural area	NA	NA
36	Conformity analysis, report and review complete	9/17/15	9/17/15
37	Place conformity report on website	9/17/15	9/17/15
38	Federal Action	9/17/15	9/30/15
39	Transmit Report to FHWA/TPB	9/17/15	9/17/15
40	FHWA transmit report to EPA & FTA	9/17/15	9/17/15
41	USDOT Determination	9/17/15	9/29/15
42	USDOT Letter to State/MPO	9/30/15	9/30/15
43	Process Complete	9/30/15	9/30/15
44	Conformity Process Complete – September 30, 2015	9/30/15	NA

Appendix C: Interagency Consultation

Interagency Initial Consultation – CAMPO and DCHC MPO 2040 MTP Amendment and 2016-25 TIP

1. Participants

Initial consultation was conducted via in-person meeting with teleconference capability on April 27, 2014. The following agency staff participated in the meeting: Eddie Dancausse (FHWA), Anne Galamb and Vicki Chandler (NC DENR); Rupal Desai and Mike Stanley (NC DOT); Dianna Myers (EPA), Phyllis Jones (NC DENR), Chris Lukasina, Alex Rickard, Wei Chen and Danna Widmar(NC CAMPO); Amanetta Somerville (EPA), Patrick McDonough (GoTriangle); Felix Nwoko, Andy Henry and Lindsay Smart (DCHC MPO); Ellen Beckmann (City of Durham); and John Hodges-Copple (TJCOG).

2. Purpose

The purpose of the consultation is to ensure that everyone understands the nature and format of projects that are proposed to be amended in the 2040 MTP and included in the 2016-25 TIP; understands the process and report that will be used to demonstrate conformity; is comfortable with the proposed conformity process schedule; and to raise any questions or comments that need to be addressed in follow-up to the meeting.

3. Project Description/Status

Appendix A of the draft CDR document provides a description of the projects in a format discussed by the participants. The version of the report that goes to the Policy Boards for release for public comment should include a column that includes the reason for each amendment. In addition to listing the projects, **bold** font will be used to highlight additions and ~~strike thru~~ format will be used to highlight deletions to aid the readers.

4. Conformity Report Format

This report format, which has been used for recent conformity process efforts, was shared and approval for its use sought. The format summarizes the key aspects on the first page, then has a series of appendices covering the project(s) included in the conformity determination, the schedule, the interagency consultation process, public participation, public and agency comments and responses, and adoption and endorsement resolutions and agency determinations. The participants agreed that this “short report format” is appropriate for this effort.

5. Conformity Process Schedule

The draft conformity process schedule was shared and responses sought (see Appendix B). Key dates include:

- i. MPO Policy Board release of the conformity draft for public and agency review and comment.
- ii. MPO Policy Board public hearing dates and timing of adoption of conformity determination.
- iii. Final Federal action no later than September 30, 2015 (end of current federal fiscal year).

6. Decisions/Action Items/Questions/Proposed Status Meeting Dates

The main follow up item is to develop the project list in a format that will aid review and comment..

Appendix D: Public Participation Notification

This appendix will include the public participation notifications from each MPO.

Appendix E: Public & Agency Comments and Responses

This appendix will include public and agency comments on the draft CDR and responses to those comments.

Appendix F: Adoption, Endorsement Resolutions and Agency Determinations

This appendix will include the NC Capital Area MPO and DCHC MPO TIP and conformity resolutions. Agency determinations are included in this appendix as they are received.