

APPENDIX A: 2045 DCHC MPO MTP Amendments

List of Changes for Durham-Chapel Hill-Carrboro MPO 2045 MTP Amendments

Changes to 2045 MTP Appendix 1: Roadway Project List

Sorted by Project Name. **Bold font** denotes additions.

~~Strikethrough~~ denotes deletions.

MTP ID	Highway Project	From	To	Existing Lanes	Proposed Lanes	Improvement Type(a)	Length (miles)	Estimated Cost	STI Tier	Reg. Sig.(a)	Exempt (c)	TIP#
2025 Horizon Year												
43 (c)	I-40	US 15-501	NC 86	4	6	Widening	3.9	29,316,000	St	Yes	No	I-3306 AB
89.3 (e)	Orange Grove Connector	Orange Grove Rd	US 70	-	2	New Location	0.4	5,299,000	Div	No	No	U-5848
2035 Horizon Year												
504 (g)	Cole Mill Rd Extension	NC 147	Hillsborough Rd	0	4	New	0.3	\$23,980,000	Div	No	No	N/A
367 (e)	Erwin Rd	Cameron Blvd	W Main St	4	4	Modernization	1.8	12,025,000	Div	No	-	N/A
111 (d)	Fordham Blvd (US 15-501)	I-40	Ephesus Church Rd	4	4	Modernization	1.6	2,052,000 33,726,000	St	Yes	No	U-5304F
240 (d)	Fordham Blvd (US 15-501)	Ephesus Church Rd	NC 54	4	4	Modernization	2.1	45,498,000 35,344,000	St	Yes	No	U-5304D
73 (d)	Fordham Blvd (US 15-501)	NC 54	NC 86 (S Columbia)	4	4	Modernization	2.3	49,832,000 28,285,000	St	Yes	No	U-5304B
204 (d)	Fordham Blvd/Raleigh Rd	Interchange	--	-	-	Upgrade	N/A	14,800,000	St	No	93.127	U-5774A
626 (d)	Fordham Blvd/ S Columbia St	Interchange	--	-	-	Upgrade	N/A	35,000,000 33,040,000	St	Yes	No	U-5304A
48.1 (h)	I-85	Mt Herman Church Rd	Durham County Line	4	6	Widening	2.5	39,118,000	St	Yes	No	I-5983
48 (h)	I-85	I-40	Mt Herman Church Rd	4	6	Widening	6.0	197,738,000	St	Yes	No	N/A
48 (h)	I-85	Orange Grove Rd	Sparger	4	6	Widening	7.8	133,400,000	St	Yes	No	I-0305

MTP ID	Highway Project	From	To	Existing Lanes	Proposed Lanes	Improvement Type(a)	Length (miles)	Estimated Cost	STI Tier	Reg. Sig.(a)	Exempt (c)	TIP#
504.1 (f) (g)	NC 147/Cole Mill Rd Extension	Interchange	--	-	-	New	N/A	(see #504)	St	Yes	No	N/A
64.12 (d)	NC 147 (Operational Improvements)	W Chapel Hill St	Briggs Av	4	4	Modernization	3.0	58,400,000 58,000,088	St	No	No	U-5937
64.13 (d)	NC 147 (possible managed lanes)	East End Conn Future I-885	I-40	4	8	Widening	3.9	179,248,000	St	Yes	No	U-5934
69.21 (d)	NC 54	Highgate Dr	Fayetteville Rd	4	4	Modernization	0.4	(see #69.2)	Reg	No	93.126	U-5774H
70.5 (f)	NC 54/Falconbridge Rd/Southwest Durham Drive	Interchange	--	-	-	New	N/A	(see #70)	Reg	Yes	No	U-5774D
70.6 (f)	NC 54/Farrington Rd	Grade Separation	--	-	-	New	N/A	(see #70)	Reg	Yes	No	U-5774E
87 (d)	S Churton St	Eno River (Hillsborough)	I-40	2	4	Widening	2.2	31,825,000 54,055,000	Div	No	No	U5845
476 (e)	University Dr	MLK Parkway	Shannon Rd	5	4	Modernization	0.5	768,000	Div	No	-	N/A
438 (g)	US 15-501	US 64 Bypass (Pittsboro)	Smith Level Rd	4	4	Synchronized Street	10.5	45,640,000	St	Yes	No	U-6192
113.2 (f)	US 15-501/Mt Moriah Rd	Grade separation	--	-	-	New	N/A	(See #113)	St	Yes	No	U-6067
113.3 (f)	US 15-501/Southwest Durham Dr	Interchange	--	-	-	New	N/A	(See #113)	St	Yes	No	U-6067
113.4 (f)	US 15-501/New collector road	Grade separation	--	-	-	New	N/A	(See #113)	St	Yes	No	U-6067
485 (d)	US 70 (freeway conversion)	Lynn Rd	S Miami Blvd	4	6	Freeway	1.6	111,020,000 62,700,000	St	Yes	No	U-5720A
485.1 (f)	US 70/Lynn Rd Extension	Interchange	--	-	-	New	N/A	(see #485)	St	Yes	No	U-5720A
116.1 (d)	US 70/Miami Blvd/Sherron Rd	Interchange	--	-	-	New	N/A	\$46,621,000 73,200,000	St	Yes	No	U-5720B
116.2 (f)	US 70/Angier Av	Interchange	--	-	-	New	N/A	(see #116)	St	Yes	No	U-5720C

These footnotes clarify the table data on the previous pages.

- (a) Reg. Sig. means Regionally Significant. Changes to these projects, e.g., deletion from the plan, could require a new air quality conformity determination.
- (b) Projects that are exempt may continue to move forward in the case of a plan lapse whereas non-exempt projects will not receive federal action until there is an approved MTP. In this column, exempt projects are indicated by the regulation section that provides the exemption, e.g., 93.126.
- (c) This project is to be moved from the 2035 project horizon to the 2025 horizon. It has been advanced in the Transportation Improvement Plan (TIP).
- (d) This project is to be moved from the 2025 project horizon to the 2035 horizon. It has been delayed in the Transportation Improvement Plan (TIP).
- (e) This project is to be deleted from the 2045 MTP.
- (f) These are separately identified interchange and grade separation projects that are funded as part of a larger roadway project.
- (g) These are new projects for the 2045 MTP.
- (h) This project consolidates into a new, single project in the 2045 MTP.

Changes for Durham-Chapel Hill-Carrboro MPO 2045 MTP Transit Corridor Projects

Project Title	Emissions Analysis Status	Programming Description	Explanation of Need for MTP Amendment	Requested by
Central Durham to Chapel Hill Premium Bus/BRT	Regionally Significant	Investment that would closely approximate the corridor and activity centers of the original Durham-Orange Light Rail Transit (D-O LRT) from the 2045 MTP. This project would likely be examined in different segments with services that utilize all or parts of infrastructure segments. Facilities might include dedicated bus lanes, enhanced bus stops and stations, and bus signal preemption. The corridor would include, but not be limited to: the former D-O LRT alignment; US 15-501 between Durham and Chapel Hill; US 15-501 bypass in Chapel Hill; US 15-501 bypass in Durham; the NC 147 and NCRR line accessing North Carolina Central University (NCCU), downtown Durham and Duke University and Medical Center; NC54 between I-40 and UNC; and UNC to downtown Carrboro.	DO LRT project withdrawn from consideration for state and federal funding	DCHC MPO
Central Durham to Wake County Premium Bus/BRT	Regionally Significant	Investment that would connect Central Durham to RTP and western Wake County communities. NC 147 widening will likely add two lanes per direction, and one of those additional lanes could be used as an express/bus lane for premium bus/BRT service.	Align with CAMPO Raleigh-RTP BRT MTP project (CAMPO ID #156); take advantage of evolving design of NC147 widening project (TIP# U-5934)	DCHC MPO
Pittsboro to Chapel Hill Premium Bus/BRT	Not Regionally Significant	Investment that would connect Pittsboro, Chatham Park (burgeoning large scale development), Chapel Hill, and the UNC campus and health care facilities. Service and amenity upgrades might include short headways, express service, full service stations, sheltered bus stops, signal preemption, and other characteristics often associated with BRT.	Leverage the current bus service in that corridor by connecting to the future North-South BRT in Chapel Hill to create a more efficient, seamless service	DCHC MPO
Hillsborough to Chapel Hill Premium Bus/BRT	Not Regionally Significant	Investment that would connect Hillsborough, expanding UNC healthcare and community college facilities, and Chapel Hill. Service and amenity upgrades might include short headways, express service, full service stations, sheltered bus stops, signal preemption, and other characteristics often associated with BRT.	Leverage the current bus service in that corridor by connecting to the future North-South BRT in Chapel Hill to create a more efficient, seamless service	DCHC MPO
Durham to Mebane rapid rail service (commuter rail)	Regionally Significant	Commuter rail investment that would connect Durham to Mebane. The current description is Durham-to-Hillsborough. Changing the description to extend the service to the MPO boundary allows Durham-to-Mebane service to be analyzed	enable extension of commuter rail to Mebane based on cost, ridership and partner revenue contributions	DCHC MPO