

This Appendix contains the Amendment 1 changes for the DCHC MPO; total cost at the page bottom is not adjusted because the financial plan was not amended.

Appendix 1. Roadway Project List – CAMPO and DCHC MPO

Each row in the table is a separate highway project. Projects are color-coded by MPO (green for DCHC MPO and yellow for CAMPO) and separated by time period. The attribute information for each project is presented by columns, and includes the following:

- Project ID – This number facilitates the tracking and mapping of projects in the plan.
- Road Name – The project name is the name of the road.
- From/To – This usually identifies the name of the two road intersections between which the project is to be constructed.
- Existing # of Lanes – This identifies the number of current lanes. “o” indicates a new road alignment – in other words, there is no existing road.
- Proposed # of Lanes – This identifies the number of lanes proposed in the plan; if the number of lanes does not change from the existing #, the project is not a widening project but instead will make safety or intersection improvements or other non-capacity-adding changes.
- Distance – The mileage of the project between the project limits.
- TIP# -- The project reference number for those projects which are contained in the 2012-18 Transportation Improvement Program.
- Regionally Significant – Regionally Significant projects provide access to and from the region, or to major destinations in the region. They are usually classified by the FHWA as interstate, freeway/expressway, urban principal arterial, rural interstate, or rural principal arterials. Note that the FHWA functional classifications serve a different purpose than the local functional classification used by the MPO, and as a result, the two classification systems are significantly different. Generally, the regionally significant designation includes interstate highways, U.S. highways, freeways, and North Carolina signed roads that are the primary road in a corridor. Rail transit facilities, which are described in a separate section, are considered regionally significant. The Regionally Significant designation is important – if a Regionally Significant project is changed (e.g., completion year, travel capacity) after the Air Quality Conformity Determination for the 2040 MTP has been approved, then the Conformity Determination process might have to be redone.
- Exempt from AQ – Some transportation projects are exempt from air quality conformity determination according to Title 40, Code of Federal Regulations (CFR), PART 93.126 and PART 93.127. The most important implication of this exemption is that the projects may proceed toward implementation in the absence of an approved and conforming Metropolitan Transportation Plan. These exempt projects tend to be transit services, and highway projects that do not add roadway capacity but reduce travel delays, thereby reducing vehicle emissions.
- Total Cost – The total costs includes those estimated costs to be incurred between January 1, 2011 and December 31, 2040. Cost information comes from the current Transportation Improvement Program (TIP), any project-specific studies or a modified version of the highway cost template from the NCDOT (North Carolina Department of Transportation). Projects with a date later than “2040” AQ Year are post year projects that are not included in the 2040 MTP and therefore the project cost is not in the Plan, as well.
- Year – There are three plan analysis periods used to fiscally constrain projects: 2011 to 2020, 2021 to 2030, and 2031 to 2040. The “Year” indicates in which analysis period the particular project will be completed and in service. For near-term projects in the TIP, a more exact year may be given.

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Project ID	Road Name	From	To	Existing Lanes	Proposed Lanes	Distance (miles)	Total Cost	Regionally Significant	Exempt from AQ	Year	TIP #
DCHC: Projects open by 2020											
30*	Hillandale Rd.	I-85	Carver	2	4	0.70	\$ 1,950,000	No	No	2012	U-3804
59	Miami Blvd.	Methodist Dr.	Angier Ave	2	5	0.72	(budget before 2012)	No	No	2012	U-4011
9	Carver St Ext	Armfield St	Old Oxford Rd	0	4	1.00	\$ 10,110,000	No	No	2020	none
15	East End Connector (EEC)	NC 147	US 70 E; NC 98	0	4	3.20	\$ 140,997,000	Yes	No	2020	U-0071
221	S Elliot Rd Ext	Fordham Blvd	Ephesus Church Rd	0	2	0.25	\$ 2,231,819	No	No	2020	none
75.1	NC 55 (Alston Ave)	NC 147	Main St	2	4	0.42	\$ 13,098,120	No	No	2020	U-3308
75.2	NC 55 (Alston Ave)	Main St	NC 98	2	2	0.58	\$ 18,087,880	No	No	2020	U-3308
92.1	Roxboro/Latta/Infinity (intersection)	Latta Rd.	Infinity Rd.	4	6	0.50	\$ 4,100,000	Yes	No	2020	U-5516
97	Smith Level Rd	Rock Haven Rd	NC 54 bypass	2	3	0.60	\$ 8,199,000	No	No	2014	U-2803
98*	South Columbia St	NC 54	Manning Dr	2	2	0.70	\$ 4,850,000	No	Yes	2013	U-624
1	T W Alexander Dr	Cornwallis Rd	NC 147	2	4	1.00	\$ 4,450,000	No	No	2012	U-3309
119	Weaver Dairy Rd	NC 86	Erwin Rd	2	3	2.80	(budget before 2012)	No	No	2013	U-3306
Total DCHC Costs for 2012 to 2020							\$316,271,200				
* Some costs for #30 and #98 were budgeted before the plan fiscal years.											

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Project ID	Road Name	From	To	Existing Lanes	Proposed Lanes	Distance (miles)	Total Cost	Regionally Significant	Exempt from AQ	Year	TIP #
DCHC: Projects open 2021 to 2030											
40	Carolina North network	Internal to Carolina North Campus		0	2	0.82	\$ 6,397,359	No	No	2030	none
232	Corcoran St. (grade separation)	N.C. Railroad tracks		3	3	0.10	\$ 25,000,000	No	Yes	2030	none
12	Cornwallis Rd	NC 55	Alexander Dr	2	4	1.07	\$ 10,346,536	No	No	2030	none
221	S Elliot Rd Ext	Fordham Blvd	Ephesus Church Rd	0	2	0.25	\$ 2,231,819	No	No	2030	none
17	Estes Dr	NC 86	Seawell School Rd	2	2	0.71	\$ 3,123,567	No	No	2030	none
17.1	Estes Dr	Seawell School Rd	Greensboro Rd	2	2	0.93	\$ 4,091,433	No	No	2030	none
241	Estes Dr	MLK Blvd	E Franklin Street	2	2	1.36	\$ 5,134,237	No	No	2030	none
200	Eubanks Rd	Old NC 86	Millhouse Rd.	2	2	2.64	\$ 6,800,273	No	No	2030	none
222	Eubanks Rd	Millhouse Rd	NC 86	2	4	0.80	\$ 7,735,728	No	No	2030	none
201	Farrington Rd (realignment)	NC 54	Wendell Rd	0	2	0.85	\$ 6,631,409	No	No	2030	none
23	Fayetteville Rd	Woodcroft Pkwy	Cornwallis Rd	2	4	2.31	\$ 21,314,000	No	No	2030	none
73	Fordham Blvd (bypass)	NC 54 (Raleigh Rd)	US 15-501/NC 86	4	6	2.12	\$ 25,180,578	Yes	No	2030	U-5304
73.1	Fordham Blvd (NC 54/NC 86 interchange) (add lane on US 15/501 northbound ramp)	US 15-501	NC 54	1	2	0.43	\$ 2,175,000	Yes	No	2030	U-5304
240	Fordham Blvd (superstreet)	NC 54 (Raleigh Rd)	Franklin Street	4	4	2.08	\$ 16,596,984	Yes	No	2030	U-5304
211	Fordham Blvd (superstreet)	Sage Rd	E Lakeview Dr	4	4	0.65	\$ 2,052,000	Yes	No	2030	U-5304B
204	Fordham Blvd/NC 54 (interchange)	US 15-501	NC 54	4	4	0.30	\$ 17,300,000	No	Yes	2030	U-5304
24.11	Garrett Rd	NC 751	Old Durham Rd	2	2	2.10	\$ 20,570,004	No	No	2030	none
35	Homestead Rd	High School Rd	NC 86	2	2	1.70	\$ 9,102,000	No	No	2030	none
36	Homestead Rd	Old NC 86	High School Rd	2	2	1.47	\$ 9,691,637	No	No	2030	none
202	Hopson Rd	Davis Dr	NC 54	2	4	0.67	\$ 4,286,000	No	No	2030	U-4716D
203	I-40/NC 54 (interchange)	I-40	NC 54	6	7	0.35	(part of #69.1)	No	Yes	2030	none
43	I-40	US 15-501	NC 86	4	6	4.10	\$ 31,641,439	Yes	No	2030	I-3306
44	I-40	NC 86	I-85	4	6	7.32	\$ 56,491,552	Yes	No	2030	I-3306
45	I-40 Managed Lanes	Wake County Line	NC 147	0	2	3.85	\$ 108,254,238	Yes	No	2030	FS-1205A

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DCHC: Projects open 2021 to 2030 (continued)											
45.2	I-40 Managed Lanes	NC 147	US 15-501	0	2	8.55	\$ 526,780,000	Yes	No	2030	I-5702A
45.3	I-40 (westbound auxiliary lane)	NC 147	NC 55	6	7	1.2	\$ 15,969,000	Yes	No	2030	I-5707
70.4	I-40/ NC 54 ramp	Farrington Rd.	I-40	0	1	0.20	\$ 1,600,000	No	Yes	2030	U-5517
48	I-85	Orange Grove Rd	Lawrence Rd	4	6	2.70	\$ 113,772,450	Yes	No	2030	I-305
49	I-85	US 70	Red Mill Rd	4	6	3.50	\$ 102,515,000	Yes	No	2030	I-4743
50.11	Jack Bennett Rd/Lystra Rd	US 15-501 South	Farrington Mill/Point Rd	2	2	2.77	\$ 18,316,754	No	No	2030	none
51	Lake Hogan Farms Rd	Eubanks Rd	Legends Way	0	2	0.68	\$ 4,763,788	No	No	2030	none
223	Legion Rd Ext	Legion Rd	Fordham Blvd	0	2	0.10	\$ 567,876	No	No	2030	none
231	N Mangum St. (grade separation)	N.C. Railroad tracks		3	3	0.10	\$ 25,000,000	No	Yes	2030	none
69.1	NC 54	I-40 Interchange	NC 751	2	4	1.24	\$ 18,895,238	No	No	2030	U-5324B
69.2	NC 54	NC 751	Fayetteville	2	4	1.72	\$ 26,209,524	No	No	2030	U-5324C
69.3	NC 54	Fayetteville	Barbee	2	4	1.04	\$ 15,847,619	No	No	2030	U-5324D
69.4	NC 54	Barbee	NC 55	2	4	1.25	\$ 19,047,619	No	No	2030	U-5324E
70	NC 54 (widening; superstreet)	I-40	Barbee Chapel Rd	4	6	1.66	\$ 27,000,000	Yes	No	2030	U-5324A
70.1	NC 54 (superstreet) (west)	Meadowmont Dr	Barbee Chapel Rd	6	6	0.20	\$ 4,300,000	Yes	No	2030	none
70.2	NC 54/Farrington Rd (grade separation)	Farrington Rd	NC 54	0	6	0.10	\$ 6,500,000	No	Yes	2030	none
208	NC 54/Barbee Ch Rd (intersection improvements)	NC 54	Barbee Chapel Rd	0	2	0.20	\$ 9,200,000	No	No	2030	U-5774B
75.3+	NC 55 (Alston Ave)	Main St	NC 98	2	4	0.58	\$ -	No	No	2030	U-3308
77.1	NC 751	S Roxboro St	NC 54	2	4	0.70	\$ 10,589,000	No	No	2030	none
89.3	Orange Grove Connector	Orange Grove Rd	US 70	0	2	0.40	\$ 5,300,000	No	No	2030	U-5848
220	Purefoy Rd Ext	Sandberg Ln	Weaver Dairy Rd	0	2	0.60	\$ 3,407,255	No	No	2030	none
92	Roxboro Rd (501 N)	Duke St	Goodwin Rd	4	6	3.75	\$ 28,480,000	Yes	No	2030	U-4722
94	Roxboro St	Cornwallis Rd	MLK Pkwy	0	4	1.10	\$ 20,489,000	No	No	2030	none
106	SW Durham Dr	15-501	Mt Moriah Rd	0	2	0.35	\$ 3,245,929	No	No	2030	none
113.1	US 15-501 Interchange	US 15-501	Garrett Rd	0	6	0.25	\$ 23,870,000	Yes	No	2030	U-5717

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Project ID	Road Name	From	To	Existing Lanes	Proposed Lanes	Distance (miles)	Total Cost	Regionally Significant	Exempt from AQ	Year	TIP #
DCHC: Projects open 2021 to 2030 (continued)											
116	US 70 (freeway conversion)	Lynn Rd (Durham Co.)	Aviation Pkwy Ext (Wake Co line)	4	6	4.11	\$ 202,300,000	Yes	No	2030	U-4720
116.1	US 70/Miami Blvd (interchange)	US 70	Miami Blvd.	4	6	0.30	\$ 35,100,000	No	Yes	2030	U-4720
123.11	Woodcroft Pkwy Ext	Garrett Rd	Hope Valley Rd	0	2	0.20	\$ 2,219,000	No	No	2030	U-5823
Total DCHC Costs for 2021 to 2030							\$ 997,381,905				
+Costs for #75.3 were budgeted in 2020 horizon											

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DCHC: Projects open 2031-2040											
22.1	Fayetteville Rd	Renaissance Pkwy	NC 751	2	4	1.90	\$ 18,426,000	No	No	2040	none
26.11	Globe Rd Ext (Brier Creek Pkwy)	Miami Blvd	Wake County Line	0	2	2.18	\$ 17,007,613	No	No	2040	none
48.1	I-85	Lawrence Rd	the Durham Co line	4	6	4.80	\$ 100,892,550	Yes	No	2040	I-305
206	I-85/US 70 Connector (add access)	I-85	US 70	4	4	0.41	\$ 2,446,000	No	Yes	2040	none
53	Leesville Rd Ext	Northern Parkway	US 70/Page Rd Ext	0	4	0.81	\$ 6,319,343	No	No	2040	none
242	Mt Carmel Ch Rd	US 15-501	Old Lystra Rd	2	2	0.67	\$ 2,529,367	No	No	2040	none
64.13	NC 147 (general purpose widening)	East End Conn	I-40	4	6	2.63	\$ 21,385,332	Yes	No	2040	FS-1205C
70.3	NC 54 (superstreet) (west)	Burning Tree	Meadowmont Dr	6	6	0.55	\$ 4,900,000	Yes	No	2040	none
77.2	NC 751	NC 54	Renaissance Pkwy	2	4	1.23	\$ 11,915,000	No	No	2040	none
77.3	NC 751	Renaissance Pkwy	O'Kelly Chapel Rd	2	4	2.68	\$ 24,027,443	No	No	2040	none
81.1	NC 98 (Holloway St)	Oak Grove/Nichols Farm	Wake County Line	2	4	5.94	\$ 57,437,780	Yes	No	2040	none
83	Northern Durham Pkwy	US 70 E	I 85 N	0	4	6.40	\$ 71,731,296	Yes	No	2040	U-4721B&C
84	Northern Durham Pkwy	I 85 North	Old Oxford Hwy	0	4	2.40	\$ 66,693,606	Yes	No	2040	U-4721D
85	Northern Durham Pkwy	Old Oxford Hwy	Roxboro Rd	2	2	5.38	\$ 27,903,123	No	No	2040	U-4721E
243	Old Lystra Rd	Mt Carmel Ch Rd	Sun Forest Way	2	2	2.51	\$ 9,475,687	No	No	2040	none
87	S Churton St	I-40	Eno River	2	4	2.60	\$ 26,240,000	No	No	2030	none
89	Olive Branch Rd Ext	NC 98	Wake County Line	0	2	2.22	\$ 17,319,680	No	No	2040	none
106.1	SW Durham Dr	US 15-501	Mt Moriah Rd	2	4	0.35	\$ 3,922,805	No	No	2040	none
104	SW Durham Dr	Witherspoon Rd	Old Chapel Hill Rd	2	4	0.62	\$ 5,995,189	No	No	2040	none
230	SW Durham Dr	I-40	NC 54	0	2	2.02	\$ 13,051,404	No	No	2040	none
113	US 15-501 (Freeway conversion)	US 15-501 Bypass	I-40	6	6	2.39	\$ 138,677,000	Yes	No	2040	U-2807
114	US 15-501 Bypass	Pickett Rd	Cameron Blvd	4	6	1.98	\$ 19,693,090	Yes	No	2040	none
Total DCHC Costs for 2031 to 2040							\$ 906,332,220				
Total DCHC Cost for 2040 MTP							\$ 2,219,985,325				

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The following projects are **not** part of the fiscally-constrained 2040 Metropolitan Transportation Plans that meet air quality standards. They are projects expected to be included in the MPOs' Comprehensive Transportation Plans. Note that the "Regionally Significant" and "Exempt for AQ" designations are based on MPO staff review and have not been approved by the FHWA.

Project ID	Road Name	From	To	Existing Lanes	Proposed Lanes	Distance (miles)	Total Cost	Regionally Significant	Exempt from AQ	Year
DCHC: Post-2040 CTP										
5	Alston Ave Ext	Holloway St	Old Oxford/Roxboro	0	2	3.50	\$ 27,305,801	No	No	Post-2040
244	Angier/Glover Connector	Ellis Rd	Wrenn Rd	0	2	1.98	\$ 11,487,556	No	No	Post-2040
5.3	Barbee Chapel Rd	NC 54	Farrington Mill Rd	2	4	1.60	\$ 13,750,642	No	No	Post-2040
8.2	Carpenter Fletcher	Woodcroft Pewit Ext	NC 55	2	4	0.60	\$ 5,156,491	No	No	Post-2040
13.11	Cornwallis Rd Ext	Miami Blvd	Chin Page Rd	0	2	0.54	\$ 4,212,895	No	No	Post-2040
14.1	Duke St (North)	I-85	N Roxboro split	4	6	2.30	\$ 37,887,819	Yes	No	Post-2040
15.1	East End Connector	NC 147	US 70	4	6	1.00	\$ 8,131,305	Yes	No	Post-2040
205	Erwin Rd	NC 751	US 15-501	2	2	5.66	\$ 22,977,000	No	No	Post-2040
19	Farrington Mill Rd	Jack Bennett Rd	Durham Co line	2	2	3.64	\$ 10,142,645	No	No	Post-2040
20	Farrington Mill Rd	Barbee Chapel Rd	Chatham Co line	2	2	2.04	\$ 5,684,339	No	No	Post-2040
21	Farrington Rd	Barbee Chapel Rd	Stagecoach Rd	2	4	0.40	\$ 1,120,891	No	No	Post-2040
24.12	Garrett Rd	Old Durham Rd	US 15-501	2	2	1.00	\$ 5,186,454	No	No	Post-2040
27	Glover Rd (incl. interchange)	Glover Rd/NC 147 interchange; 147	Angier	2	4	0.64	\$ 18,289,000	No	No	Post-2040
28.11	Glover Rd	Angier	US 70	0	2	0.59	\$ 4,602,978	No	No	Post-2040
31	Hillandale Rd	Carver	Horton Rd	2	4	1.74	\$ 16,825,208	No	No	Post-2040
39	Horton Rd	Duke St	Hillandale Rd	2	2	1.90	\$ 18,372,354	No	No	Post-2040
45.1	I-40 Managed Lanes	US 15-501	NC 86	6	8	4.20	\$ 63,000,000	Yes	No	Post-2040
49.1	I-85 Managed Lanes	US 70	Red Mill Rd	6	8	4.05	\$ 60,750,000	Yes	No	Post-2040
49.2	I-85	Red Mill Rd	Durham/Granville co. line	6	8	2.80	\$ 31,495,464	Yes	No	Post-2040
52	Latta Rd	Guess Rd	Roxboro Rd	2	2	1.20	\$ 11,603,592	No	No	Post-2040
57	Lynn Rd Ext	US 70	Existing Lynn Rd	0	2	1.09	\$ 8,503,807	No	No	Post-2040
207	Lystra Rd	US 15-501	Jack Bennett Rd	2	2	3.50	\$ 10,300,000	No	No	Post-2040
60	Midland Terrace	NC 98	Geer St	0	2	1.80	\$ 14,042,984	No	No	Post-2040

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DCHC: Post-2040 CTP (continued)										
61	Midland Terrace	Dearborn	Old Oxford Rd/Hamlin Rd	0	2	0.95	\$ 7,411,575	No	No	Post-2040
63	MLK Pkwy/NC 55 (interchange)	NC 55	Cornwallis Rd connector	0	4	0.49	\$ 30,267,000	Yes	No	Post-2040
64.11	NC 147 General purpose widening	Alston Ave	East End Connector	4	6	1.84	\$ 28,698,063	No	No	Post-2040
65	NC 147 Managed Lanes	East End Conn	I-40	6	8	4.78	\$ 95,541,667	Yes	No	Post-2040
209	NC 54/Falconbridge (interchange)	NC 54	Falconbridge Rd	0	4	0.20	\$ 9,800,000	No	No	Post-2040
76	NC 751	US 64 (MAB)	O'Kelly Ch. Rd	2	4	6.26	\$ 35,550,690	No	No	Post-2040
80	NC 86	Old NC 10	US 70 Business	2	4	0.90	\$ 7,000,714	No	No	Post-2040
81	NC 86	US 70 Bypass	NC 57	2	4	0.42	\$ 3,267,000	No	No	Post-2040
85.2	O'Kelly Chapel Rd	NC 751	Wake Co. line	2	2	2.90	\$ 11,460,314	No	No	Post-2040
88	Old Oxford Rd	Roxboro Rd	Northern Durham Parkway	2	4	2.51	\$ 24,270,847	No	No	Post-2040
90	Page Rd	I-40	Page Rd Ext	2	4	3.27	\$ 31,619,788	No	No	Post-2040
91	Riddle Rd Ext	Ellis Rd	NC 147	0	2	0.49	\$ 3,822,812	No	No	Post-2040
233	Roxboro Rd (501N)	Goodwin Rd	Bywood Dr	4	4	1.05	\$ 2,371,641	Yes	Yes	Post-2040
94.1	Roxboro St South	Summit	E. Lakewood	2	2	1.50	\$ 12,891,227	Yes	No	Post-2040
95.11	Scott King Rd	Grandale Dr	Hopson Rd	0	2	1.30	\$ 10,142,155	No	No	Post-2040
210	Seawell School Rd	Estes Dr	Homestead Rd	2	2	1.91	\$ 7,548,000	No	No	Post-2040
96.1	Sherron Rd	S Mineral Springs Rd	NC 98	2	4	2.83	\$ 27,365,138	No	No	Post-2040
2.1	T W Alexander Dr	NC 147	Miami Blvd	4	6	0.70	\$ 11,531,075	No	No	Post-2040
4	T W Alexander Dr	NC 54	Cornwallis Rd	2	4	1.89	\$ 32,389,388	No	No	Post-2040
107.1	T W Alexander Dr	Miami Blvd	US 70	4	6	3.40	\$ 39,771,235	Yes	No	Post-2040
117	US 70 Bypass	NC 86	I-85 (exit 170)	2	4	7.80	\$ 21,857,378	No	No	Post-2040
120	Western Bypass	US 70	NC 86	0	2	2.60	\$ 14,300,897	No	No	Post-2040
121.1	Western Bypass	NC 86	Stroud Creek Rd	0	2	0.30	\$ 1,650,103	No	No	Post-2040
123	Woodcroft Pkwy Ext	Garrett Rd	Hope Valley Rd	2	4	0.27	\$ 2,320,421	No	No	Post-2040
Total DCHC Costs for post-2040							\$ 895,056,352			