

## 2040 MTP and CTP

### Preferred Option -- Highway Projects

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#### Changes for Preferred Option

The DCHC MPO published an Alternatives Analysis in August 2012 that showed how several different transportation alternatives might meet future transportation needs. The Analysis listed highway projects for the 2040 Metropolitan Transportation Plan (MTP) and Comprehensive Transportation Plan (CTP). The MPO subsequently created a draft MTP (called the Preferred Option) and CTP. This document lists the major changes to the Alternatives Analysis highway projects for creating the draft plans.

<b>ID</b>	<b>Project Description</b>	<b>Change</b>
<b>#5</b>	<b>Alston Ave. Extension</b>	<b>Moved from MTP to CTP</b>
<b>#15.1</b>	<b>East End Connector widening</b>	<b>Added to CTP</b>
<b>#41</b>	<b>I-40/Farrington Rd interchange</b>	<b>Deleted from CTP</b>
<b>#43</b>	<b>I-40 widening (US 15-501 to NC 86)</b>	<b>Add \$17.5 million to cover NC 86 interchange upgrade</b>
<b>#206</b>	<b>I-85/US 70 Connector</b>	<b>Moved from CTP to MTP</b>
<b>#230</b>	<b>Southwest Durham Dr.</b>	<b>Alignment changed to "I-40 to NC 54"; does not connect with Meadowmont Dr.</b>
<b>#231</b>	<b>S. Mangum St. grade separation</b>	<b>Added to MTP; separates roadway and rail line</b>
<b>#232</b>	<b>Corcoran St. grade separation</b>	<b>Added to MTP; separates roadway and rail line</b>

#### Highway Project List

The highway projects to be included in the 2040 MTP and CTP, and their attribute data, are shown in the table that starts on the next page. Maps of the 2040 MTP and CTP highway projects follow the tables.

**2040 MTP and CTP**  
Preferred Option -- Roadway Project List

Project ID	Road Name	From	To	Existing Lanes	Proposed Lanes	Distance (miles)	Proposed Improvement	Total Cost	Funding Source
<b>2020 MTP</b>									
1	Alexander Dr	Cornwallis Rd	NC 147	2	4	1.00	Widening	\$ 4,450,000	State/Fed
30	Hillandale Rd.	I-85	Carver	2	4	0.7	Widening	\$ 11,941,000	State/Fed
59	Miami Blvd.	Methodist Dr.	Angier Ave	2	5	0.72	Widening	(budget before 2012)	State/Fed
9	Carver St Ext	Armfield St	Old Oxford Rd	0	4	1.00	New Location	\$ 10,110,000	Local
15	East End Connector (EEC)	NC 147	US 70 E; NC 98	0	4	2.50	New Location	\$ 153,981,250	State/Fed
221	S Elliot Rd Ext	Fordham Blvd	Ephesus Church Rd	0	2	0.25	New Location	\$2,231,819	Private
202	Hopson Rd	Davis Dr	NC 54	2	4	0.67	Widening	\$ 6,026,000	State/Fed
43	I-40	US 15-501	NC 86	4	6	4.10	Widening	\$ 43,457,093	State/Fed
44	I-40	NC 86	I-85	4	6	7.32	Widening	\$ 46,342,907	State/Fed
70.4	I-40/ NC 54 ramp	Farrington Rd.	I-40	0	1	0.20	New Location	\$ 1,600,000	State/Fed
223	Legion Rd Ext	Legion Rd	Fordham Blvd	0	2	0.10	New Location	\$567,876	Private
75	NC 55 (Alston Ave)	NC 147	NC 98	2	4	1.00	Widening	\$ 31,024,000	State/Fed
220	Purefoy Rd Ext	Sandberg Ln	Weaver Dairy Rd	0	2	0.60	New Location	\$3,407,255	Private
92.1	Roxboro/Latta/Infinity (intersection)	Latta Rd.	Infinity Rd.	4	6	0.50	Intersection	\$ 4,100,000	State/Fed
97	Smith Level Rd	Rock Haven Rd	NC 54 bypass	2	3	0.60	Widening	\$ 8,199,000	State/Fed
98	South Columbia St	NC 54	Manning Dr	2	2	0.70	Modernization	\$ 7,860,000	State/Fed
119	Weaver Dairy Rd	NC 86	Erwin Rd	2	3	2.80	Widening	(budget before 2012)	State/Fed
	<b>Total Costs for 2012 to 2020</b>							<b>\$335,298,200</b>	
<b>2030 MTP</b>									
40	Carolina North network	Carolina North Campus		0	2	0.82	New Location	\$6,397,359	Private
232	Corcoran St. (grade separation)	N.C. Railroad tracks		3	3	0.10	Grade Separation	\$25,000,000	State/Fed
12	Cornwallis Rd	NC 55	Alexander Dr	2	4	1.07	Widening	\$10,346,536	State/Fed
17	Estes Dr	NC 86	Seawell School Rd	2	2	0.71	Modernization	\$3,123,567	State/Fed
17.1	Estes Dr	Seawell School Rd	Greensboro Rd	2	2	0.93	Modernization	\$4,091,433	State/Fed
241	Estes Dr	MLK Blvd	E Franklin Street	2	2	1.36	Modernization	\$5,134,237	State/Fed
200	Eubanks Rd	Old NC 86	Millhouse Rd.	2	2	2.64	Modernization	\$6,800,273	State/Fed
222	Eubanks Rd	Millhouse Rd	NC 86	2	4	0.80	Widening	\$7,735,728	Private
201	Farrington Rd (realignment)	NC 54	Wendell Rd	0	2	0.85	New Location	\$6,631,409	State/Fed
23	Fayetteville Rd	Woodcroft Pkwy	Cornwallis Rd	2	4	2.31	Widening	\$21,314,000	State/Fed
24.11	Garrett Rd	NC 751	Old Durham Rd	2	2	2.10	Modernization	\$20,570,004	State/Fed
35	Homestead Rd	High School Rd	NC 86	2	2	1.70	Modernization	\$9,102,000	State/Fed
36	Homestead Rd	Old NC 86	High School Rd	2	2	1.47	Modernization	\$9,691,637	State/Fed
203	I-40/NC 54 (interchange)	I-40	NC 54	6	7	0.35	Interchange	(part of #69.1)	State/Fed
48	I-85	I-40	the Durham Co line	4	6	7.35	Widening	\$214,665,000	State/Fed

**2040 MTP and CTP**  
Preferred Option -- Roadway Project List

Project ID	Road Name	From	To	Existing Lanes	Proposed Lanes	Distance (miles)	Proposed Improvement	Total Cost	Funding Source
49	I-85	US 70	Red Mill Rd	4	6	3.50	Widening	\$102,515,000	State/Fed
50.11	Jack Bennet Rd/Lystra Rd	US 15-501 South	Farrington Mill/Point Rd	2	2	2.77	Modernization	\$18,316,754	State/Fed
51	Lake Hogan Farms Rd	Eubanks Rd	Legends Way	0	2	0.68	New Location	\$4,763,788	Private
231	N Mangum St. (grade separation)	N.C. Railroad tracks		3	3	0.10	Grade Separation	\$25,000,000	State/Fed
69.1	NC 54	I-40 Interchange	NC 751	2	4	1.24	Widening	\$18,895,238	State/Fed
69.2	NC 54	NC 751	Fayetteville	2	4	1.72	Widening	\$26,209,524	State/Fed
69.3	NC 54	Fayetteville	Barbee	2	4	1.04	Widening	\$15,847,619	State/Fed
69.4	NC 54	Barbee	NC 55	2	4	1.25	Widening	\$19,047,619	State/Fed
70	NC 54 (widening; superstreet)	I-40	Barbee Chapel Rd	4	6	1.66	Widening	\$27,000,000	State/Fed
70.1	NC 54 (superstreet) (east)	Meadowmont Dr	Barbee Chapel Rd	6	6	0.20	Superstreet	\$ 4,300,000	State/Fed
70.2	NC 54/Farrington Rd (grade separation)	Farrington Rd	NC 54	0	6	0.10	Grade Separation	\$6,500,000	State/Fed
73	NC 54/US 15-501 Bypass	NC 54	US 15-501	4	6	2.12	Modernization	\$25,180,578	State/Fed
77.1	NC 751	S Roxboro St	NC 54	2	4	0.70	Widening	\$10,589,000	State/Fed
89.3	Orange Grove Connector	Orange Grove Rd	US 70	0	2	0.40	New Location	\$4,950,000	State/Fed
92	Roxboro Rd (501N)	Duke St	Goodwin Rd	4	6	2.65	Widening	\$28,480,000	State/Fed
94	Roxboro St	Cornwallis Rd	MLK Pkwy	0	4	1.10	New Location	\$20,489,000	State/Fed
106	SW Durham Dr	15-501	Mt Moriah Rd	0	2	0.35	New Location	\$3,922,805	State/Fed
116	US 70 (freeway conversion)	Lynn Rd (Durham Co.)	Aviation Pkwy Ext (Wake C	4	6	4.11	Freeway	\$237,400,000	State/Fed
123.11	Woodcroft Pkwy Ext	Garrett Rd	Hope Valley Rd	0	2	0.27	New Location	\$2,504,002	Private
240	US 15-501 (superstreet)	NC 54	Franklin Street	4	4	2.08	Superstreet	\$16,596,984	State/Fed
204	US 15-501/NC 54 (interchange)	US 15-501	NC 54	4	4	0.30	Interchange	\$17,300,000	State/Fed
	<b>Total Costs for 2021 to 2030</b>							<b>\$986,411,094</b>	
<b>2040 MTP</b>									
22.1	Fayetteville Rd	Renaissance Pkwy	NC 751	2	4	1.90	Widening	\$18,426,000	State/Fed
26.11	Globe Rd Ext (Brier Creek Pkwy)	Miami Blvd	Wake County Line	0	2	2.18	New Location	\$17,007,613	Private
45	I-40 Managed Lanes	Wake County Line	US 15-501	0	2	10.63	Widening	\$348,663,000	State/Fed
206	I-85/US 70 Connector (add access)	I-85	US 70	4	4	0.41	Add Access	\$2,446,000	State/Fed
53	Leesville Rd Ext	Northern Parkway	US 70/Page Rd Ext	0	4	0.81	New Location	\$6,319,343	Private
242	Mt Carmel Ch Rd	US 15-501	Mangum Ct	2	2	2.50	Modernization	\$9,437,935	State/Fed
64.13	NC 147 (general purpose widening)	East End Conn	I-40	4	6	2.63	Widening	\$21,385,332	State/Fed
70.3	NC 54 (superstreet) (west)	Burning Tree	Meadowmont Dr	6	6	0.55	Superstreet	\$ 4,900,000	State/Fed
77.2	NC 751	NC 54	Renaissance Pkwy	2	4	1.23	Widening	\$11,915,000	State/Fed
77.3	NC 751	Renaissance Pkwy	O'Kelly Chapel Rd	2	4	2.68	Widening	\$24,027,443	State/Fed
81.1	NC 98 (Holloway St)	Oak Grove/Nichols Farm	Wake County Line	2	4	5.94	Widening	\$57,437,780	State/Fed
83	Northern Durham Pkwy	US 70 E	I 85 N	0	4	6.40	New Location	\$71,731,296	State/Fed

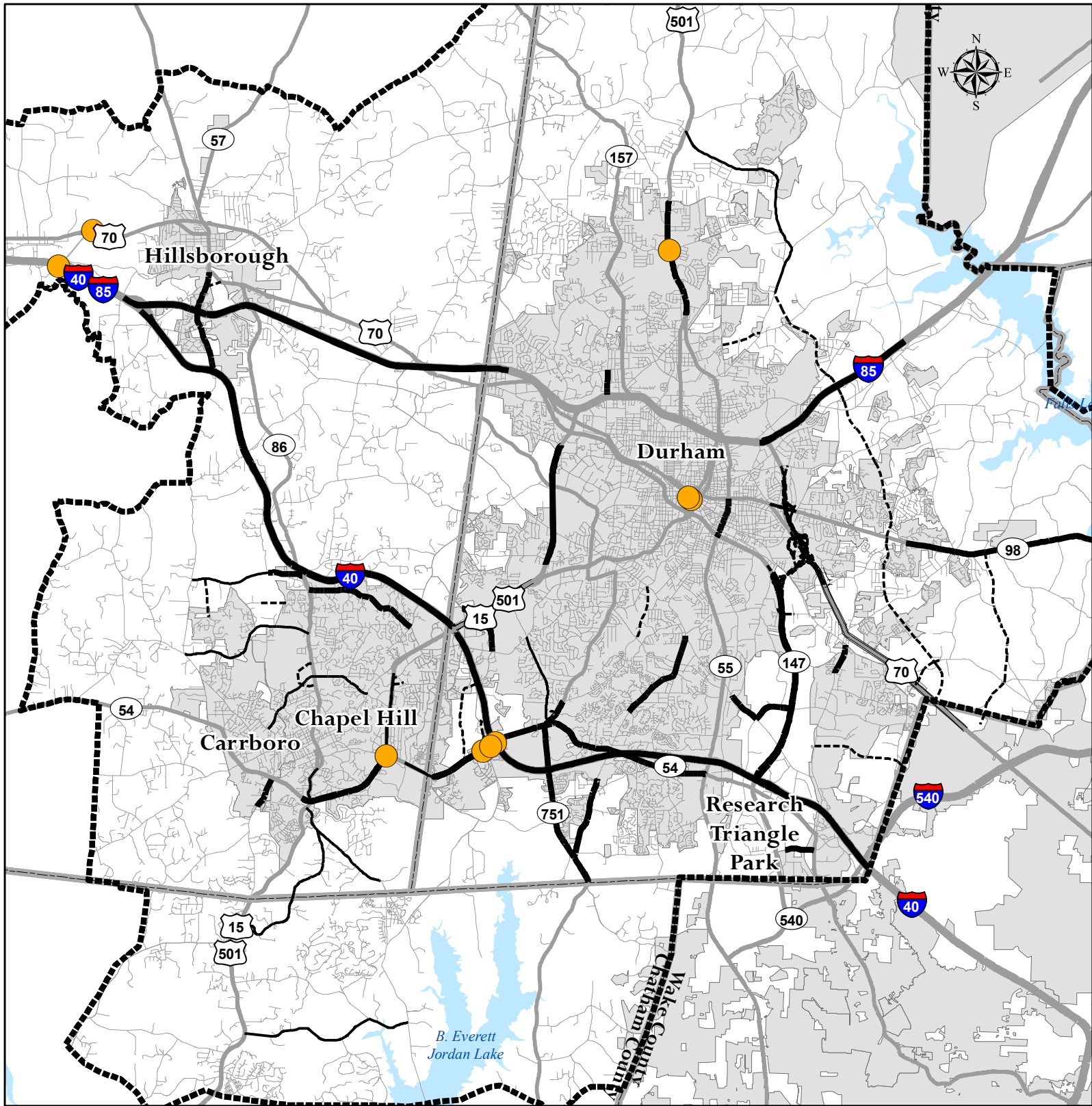
**2040 MTP and CTP**  
Preferred Option -- Roadway Project List










Project ID	Road Name	From	To	Existing Lanes	Proposed Lanes	Distance (miles)	Proposed Improvement	Total Cost	Funding Source
84	Northern Durham Pkwy	I 85 North	Old Oxford Hwy	0	4	2.40	New Location	\$66,693,606	State/Fed
85	Northern Durham Pkwy	Old Oxford Hwy	Roxboro Rd	2	2	5.38	Modernization	\$27,903,123	State/Fed
243	Old Lystra Rd	US 15-501	Mt. Carmel Ch Rd	2	2	3.70	Modernization	\$13,968,144	State/Fed
86	Old NC 86	I-40	Lafayette Dr	2	4	0.80	Widening	\$7,735,728	State/Fed
87	Old NC 86	Lafayette Dr	US 70 Business	2	4	1.70	Widening	\$16,438,422	State/Fed
89	Olive Branch Rd Ext	NC 98	Wake County Line	0	2	2.22	New Location	\$17,319,680	Private
106.1	SW Durham Dr	US 15-501	Mt Moriah Rd	2	4	0.35	Widening	\$3,922,805	State/Fed
104	SW Durham Dr	Witherspoon Rd	Old Chapel Hill Rd	2	4	0.62	Widening	\$5,995,189	State/Fed
230	SW Durham Dr	I-40	NC 54	0	2	2.02	New Location	\$13,051,404	Private
113	US 15-501 (Freeway conversion)	US 15-501 Bypass	I-40	6	6	2.39	Freeway	\$138,677,000	State/Fed
114	US 15-501 Bypass	Pickett Rd	Cameron Blvd	4	6	1.98	Widening	\$19,693,090	State/Fed
	<b>Total Costs for 2031 to 2040</b>							<b>\$925,094,933</b>	
<b>Comprehensive Transportation Plan</b>									
2.1	Alexander Dr	NC 147	Miami Blvd	4	6	0.70	Widening	\$11,531,075	State/Fed
4	Alexander Dr	NC 54	Cornwallis Rd	2	4	1.89	Widening	\$32,389,388	State/Fed
5	Alston Ave Ext	Holloway St	Old Oxford/Roxboro	0	2	3.50	New Location	\$27,305,801	Private
5.3	Barbee Chapel Rd	NC 54	Farrington Mill Rd	2	4	1.60	Widening	\$13,750,642	State/Fed
8.2	Carpenter Fletcher	Woodcroft Pewit Ext	NC 55	2	4	0.60	Widening	\$5,156,491	State/Fed
13.11	Cornwallis Rd Ext	Miami Blvd	Chin Page Rd	0	2	0.54	New Location	\$4,212,895	Private
14.1	Duke St (North)	I-85	N Roxboro split	4	6	2.30	Widening	\$37,887,819	State/Fed
15.1	East End Connector	NC 147	US 70	4	6	1.00	Widening	\$8,131,305	State/Fed
205	Erwin Rd	NC 751	US 15-501	2	2	5.66	Modernization	\$ 22,977,000	State/Fed
19	Farrington Mill Rd	Jack Bennett Rd	Durham Co line	2	2	2.42	Modernization	\$6,753,425	State/Fed
20	Farrington Mill Rd	Barbee Chapel Rd	Chatham Co line	2	2	2.04	Modernization	\$5,684,339	State/Fed
21	Farrington Rd	Barbee Chapel Rd	Stagecoach Rd	2	4	0.40	Widening	\$1,120,891	State/Fed
24.12	Garrett Rd	Old Durham Rd	US 15-501	2	2	1.00	Modernization	\$5,186,454	State/Fed
27	Glover Rd (incl. interchange)	Glover Rd/NC 147 interch	Angier	2	4	0.64	Widening	\$18,289,000	State/Fed
28.11	Glover Rd	Angier	US 70	0	2	0.59	New Location	\$4,602,978	State/Fed
31	Hillandale Rd	Carver	Horton Rd	2	4	1.74	Widening	\$16,825,208	State/Fed
39	Horton Rd	Duke St	Hillandale Rd	2	2	1.90	Modernization	\$18,372,354	State/Fed
45.1	I-40 Managed Lanes	US 15-501	NC 86	6	8	4.20	Widening	\$63,000,000	State/Fed
49.1	I-85 Managed Lanes	US 70	Red Mill Rd	6	8	5.68	Widening	\$85,201,705	State/Fed
49.2	I-85	Red Mill Rd	Durham/Granville co. line	6	8	1.20	Widening	\$18,000,000	State/Fed
52	Latta Rd	Guess Rd	Roxboro Rd	2	2	1.20	Modernization	\$11,603,592	State/Fed
57	Lynn Rd Ext	US 70	Existing Lynn Rd	0	2	1.09	New Location	\$8,503,807	Private

**2040 MTP and CTP**  
Preferred Option -- Roadway Project List

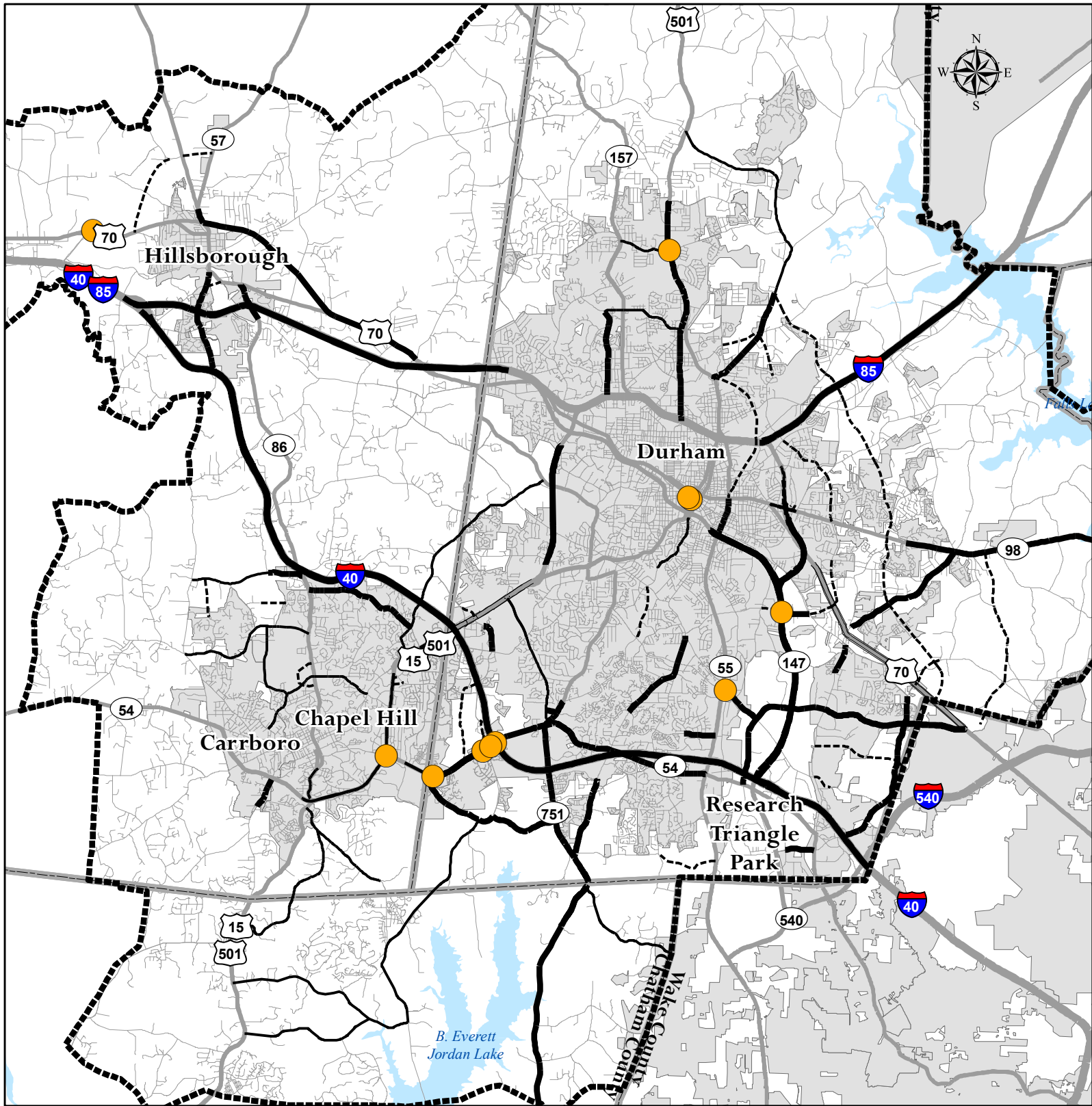
Project ID	Road Name	From	To	Existing Lanes	Proposed Lanes	Distance (miles)	Proposed Improvement	Total Cost	Funding Source
207	Lystra Rd	US 15-501	Jack Bennet Rd	2	2	4.55	Modernization	\$10,300,000	State/Fed
60	Midland Terrace	NC 98	Geer St	0	2	1.80	New Location	\$14,042,984	Private
61	Midland Terrace	Dearborn	Old Oxford Rd/Hamlin Rd	0	2	0.95	New Location	\$7,411,575	Private
63	MLK Pkwy/NC 55 (interchange)	NC 55	Cornwallis Rd connector	0	4	0.49	Interchange	\$30,267,000	State/Fed
64.11	NC 147 General purpose widening	Alston Ave	East End Connector	4	6	1.84	Widening	\$28,698,063	State/Fed
64	NC 147 Managed Lanes	Alston Ave	East End Connector	6	8	1.84	Widening	\$36,800,000	State/Fed
65	NC 147 Managed Lanes	East End Conn	I-40	6	8	4.78	Widening	\$95,541,667	State/Fed
208	NC 54/Barbee Ch Rd (interchange)	NC 54	Barbee Chapel Rd	0	2	0.20	Interchange	\$9,200,000	State/Fed
209	NC 54/Falconbridge (interchange)	NC 54	Falconbridge Rd	0	4	0.20	Interchange	\$9,800,000	State/Fed
76	NC 751	US 64 (MAB)	O'Kelly Ch. Rd	2	4	6.26	Widening	\$35,550,690	State/Fed
80	NC 86	Old NC 10	US 70 Business	2	4	0.90	Widening	\$7,000,714	State/Fed
81	NC 86	US 70 Bypass	NC 57	2	4	0.42	Widening	\$3,267,000	State/Fed
85.2	O'Kelly Chapel Rd	NC 751	Wake Co. line	2	2	2.90	Modernization	\$11,460,314	State/Fed
88	Old Oxford Rd	Roxboro Rd	Northern Durham Parkway	2	4	2.51	Widening	\$24,270,847	State/Fed
90	Page Rd	I-40	Page Rd Ext	2	4	3.27	Widening	\$31,619,788	State/Fed
91	Riddle Rd Ext	Ellis Rd	NC 147	0	2	0.49	New Location	\$3,822,812	Private
94.1	Roxboro St South	Summit	E. Lakewood	2	2	1.50	Modernization	\$12,891,227	State/Fed
95.11	Scott King Rd	Grandale Dr	Hopson Rd	0	2	1.30	New Location	\$10,142,155	State/Fed
210	Seawell School Rd	Estes Dr	Homestead Rd	2	2	1.91	Modernization	7,548,000	State/Fed
96.1	Sherron Rd	S Mineral Springs Rd	NC 98	2	4	2.83	Widening	\$27,365,138	State/Fed
101	Stagecoach Rd	Farrington Mill Rd	NC 751	2	4	1.96	Widening	\$18,070,177	State/Fed
107.1	T. W. Alexander Dr	Miami Blvd	US 70	4	6	3.40	Widening	\$39,771,235	State/Fed
211	US 15-501 (superstreet)	Sage Rd	E Lakeview Dr	4	4	0.65	Superstreet	\$2,178,000	State/Fed
117	US 70 Bypass	NC 86	I-85 (exit 170)	2	4	7.80	Widening	\$21,857,378	State/Fed
120	Western Bypass	US 70	NC 86	0	2	2.60	New Location	\$14,300,897	State/Fed
121.1	Western Bypass	NC 86	Stroud Creek Rd	0	2	0.30	New Location	\$1,650,103	State/Fed
123	Woodcroft Pkwy Ext	Garrett Rd	Hope Valley Rd	2	4	0.27	Widening	\$2,320,421	Private
	<b>Total Costs for years beyond 2040</b>							<b>\$943,634,353</b>	










# Durham Chapel Hill Carrboro Metropolitan Planning Organization Roadway Improvements in Metropolitan Transportation Plan



	MPO Boundary	<b>MTP Highway Projects</b>	
	County Boundaries		Modernization/Superstreet
	Lakes		Widening
	Municipal Boundaries		New Location
	Interchange/Grade Separation		Freeway Conversion

# Durham Chapel Hill Carrboro Metropolitan Planning Organization Roadway Improvements in Comprehensive Transportation Plan



	MPO Boundary	<b>CTP Highway Projects</b>
	County Boundaries	 Modernization/Superstreet
	Municipal Boundaries	 Widening
	Lakes	 New Location
	Interchange/Grade Separation	 Freeway Conversion