

DCHC MPO Bicycle/Pedestrian Investments 2030 LRTP

115	T. W. Alexander Dr. (SR 2028)	NC 55	Wake County line	Bike lanes	Durham	\$795,700	7.3	City/County
116	Umstead Rd. (SR 1449)	Guess Rd.	Cole Mill Rd.	Bike lanes	Durham	\$610,400	3.4	City/County
117	University Dr. (US 15/501 Bus)	Lakewood Ave.	Garrett Rd.	Bike lanes	Durham	\$523,200	4.8	City/County
118	US 15/501	Orange County line	University Dr.	Bike lanes	Durham	\$882,900	4.9	City/County
119	US 501 (Roxboro Rd., Roxboro St., US	Person County line	Lakewood Ave.	Bike lanes	Durham	\$2,038,300	18.7	City/County
120	US 70	Angier Ave.	Wake County line	Bike lanes	Durham	\$130,800	1.2	City/County
121	W. Chapel Hill St.	Duke University Rd.	Duke St.	Bike lanes	Durham	\$163,500	0.9	City/County
122	Washington St.	Lyon St.	Corporation St.	Bike lanes	Durham	\$272,500	1.5	City/County
123	Wilkins Rd. (SR 1612)	Red Mountain Rd.	Bahama Rd.	Bike lanes	Durham	\$414,200	2.3	City/County
124	Woodcroft Pkwy	Hope Valley Rd.	Carpenter Fletcher Rd.	Bike lanes	Durham	\$414,200	3.8	City/County
						\$ 64,191,668	399.4	
CHAPEL HILL/CARRBORO								
1	Bolin Creek Bikeway	CHPD	Community Center	Bike lanes	Orange	\$196,200	1.1	CH
2	Booker Creek Rd	Honeysuckle Rd.	Old Oxford Rd.	Bike lanes	Orange	\$76,300	0.4	CH
3	Boundary St.	Country Club Rd.	Rosemary St.	Bike lanes	Orange	\$76,300	0.4	CH
4	Burning Tree Rd./Pinehurst Dr.	NC 54	Ephesus Church Rd.	Bike lanes	Orange	\$359,700	2.0	CH
5	Cameron Ave.	Pittsboro St.	Raleigh St.	Bike lanes	Orange	\$87,200	0.5	CH
6	Caswell-Sedgefield Dr.	Estes Dr.	Weaver Dairy Rd.	Bike lanes	Orange	\$392,400	2.2	CH
7	Culbreth Rd.	Smith Level Rd.	US 15-501 South	Bike lanes	Orange	\$196,200	1.1	CH
8	Curtis/Lakeshore/Honeysuckle	Estes Dr.	Weaver Dairy Rd.	Bike lanes	Orange	\$54,500	0.3	CH
9	Elliott Rd.	Curtis Rd.	E. Franklin St.	Bike lanes	Orange	\$130,800	0.7	CH
10	Ephesus Church Rd.	US 15-501	Farrington Rd.	Bike lanes	Orange	\$381,500	2.1	CH
11	Erwin Rd.	Weaver Dairy Rd.	Durham Co. line	Bike lanes	Orange	\$163,500	0.9	CH
12	Estes Dr.	US 15-501	N. Greensboro St.	Bike lanes	Orange	\$664,900	3.7	CH
13	Eubanks Rd.	Old NC 86	NC 86	Bike lanes	Orange	\$468,700	2.6	CH
14	Finley GC/Mason Farm Rds.	NC 54 East	NC 54 Bypass	Bike lanes	Orange	\$250,700	1.4	CH
15	Fordham Blvd.	Old Durham-CH Rd.	Culbreth Rd.	Bike lanes	Orange	\$915,600	5.1	CH
16	Franklin St.	Boundary St.	Old Durham CH-Rd.	Bike lanes	Orange	\$523,200	2.9	CH
17	Homestead Rd.	Airport Rd.	Old NC 86	Bike lanes	Orange	\$54,500	0.3	CH
18	Manning Dr.	NC 54 Bypass	S. Columbia St.	Bike lanes	Orange	\$218,000	1.2	CH
19	Mason Farm Rd.	Fordham Blvd.	S. Columbia St.	Bike lanes	Orange	\$218,000	1.2	CH
20	Merritt Mill Rd.	Cameron Ave.	NC 54 Bypass	Bike lanes	Orange	\$141,700	0.8	CH
21	Mt. Carmel Church Rd.	Chatham Co. line	Pittsboro Rd.(15501?)	Bike lanes	Orange	\$446,900	2.5	CH
22	NC 86	Columbia St.	Whitfield Rd.	Bike lanes	Orange	\$773,900	4.3	CH
23	Old Oxford Rd.	Old Oxford Rd.	to Erwin Rd.	Bike lanes	Orange	\$76,300	0.4	CH
24	Pinehurst Dr.	Pinehurst Dr.	Ephesus Church Rd.	Bike lanes	Orange	\$76,300	0.4	CH
25	Piney Mountain/Cedar Hills Cr.	Airport Rd.	Weaver Dairy Rd.	Bike lanes	Orange	\$392,400	2.2	CH
26	Pittsboro St.	Cameron Ave.	S. Columbia St.	Bike lanes	Orange	\$76,300	0.4	CH

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27	Rogers Rd.	Homestead Rd.	Eubanks Rd.	Bike lanes	Orange	\$218,000	1.2	CH
28	Rosemary St.	Boundary St.	Carrboro city limits	Bike lanes	Orange	\$50,700	1.4	CH
29	Seawell School Rd.	Homestead Rd.	Estes Dr.	Bike lanes	Orange	\$272,500	1.5	CH
30	South Columbia Rd.	Airport Rd.	US 15-501 Bypass	Bike lanes	Orange	\$32,700	0.2	CH
31	South Raleigh Rd. (NC 54)	Country Club Rd.	Durham Co. line	Bike lanes	Orange	\$76,300	0.4	CH
32	South Rd./Raleigh Rd.	S. Columbia St.	Burning Tree Rd.	Bike lanes	Orange	\$381,500	2.1	CH
33	Sunrise Dr.	Whitfield Rd.	Weaver Dairy Rd.	Bike lanes	Orange	\$228,900	1.3	CH
34	Umstead Dr.	Estes Dr.	Airport Rd.	Bike lanes	Orange	\$185,300	1.0	CH
35	US 1501 Corridor	Old Durham CH-Rd.	Durham Co. line	Bike lanes	Orange	\$54,500	0.3	CH
36	US 1501 South	NC 54 Bypass	Chatham County Line	Bike lanes	Orange	\$87,200	0.5	CH
37	Weaver Dairy Rd.	NC 86	Erwin Rd.	Bike lanes	Orange	\$76,300	0.4	CH
38	Weaver Dairy Rd. Ext.	Homestead Rd.	NC 86	Bike lanes	Orange	\$228,900	1.3	CH
						\$ 9,504,800	53	
ORANGE COUNTY/HILLSBOROUGH								
1	Ben Johnston Rd.	US 70/I-85 Connector	Dimmocks Mill Rd.	4' shoulders	Orange	\$294,300	1.7	Orange Co.
2	Brookhollow Rd.	Forrest Ave.	Lebanon Rd.	4' shoulders	Orange	\$283,400	1.6	Orange Co.
3	Buckhorn Rd.	Orange Grove Rd.	West Ten Rd.	4' shoulders	Orange	\$1,220,800	7.0	Orange Co.
4	Butler Rd.	NC 54	White Cross Rd.	4' shoulders	Orange	\$174,400	1.0	Orange Co.
5	Calvin St./Oconneechee/Margaret Ln.	Nash St.	Cameron St.	shared	Orange	\$0	0.9	Hillsborough
6	Cameron St.	Margaret Ln.	St. Mary's Rd.	shared	Orange	\$0	0.1	Hillsborough
7	Carr Store Rd.	NC 49	NC 86	4' shoulders	Orange	\$1,155,400	6.6	Orange Co.
8	Churton St.	Eno River	US 70 Bypass	shared	Orange	\$0	0.9	Hillsborough
9	Coleman Loop SR1334	Frank Perry Rd.	NC 86	4' shoulders	Orange	\$119,900	0.7	Hillsborough
10	Cornwallis Rd.	Durham County Line	Murphey School Rd.	4' shoulders	Orange	\$283,400	1.6	Orange Co.
11	Dairyland Rd.	Carrboro (Union Grove Ch. Rd.)	Orange Grove Rd.	4' shoulders	Orange	\$1,079,100	6.2	Orange Co.
12	Dimmocks Mill Rd.	Eno St.	I-40/I-85	shared	Orange	\$0	1.8	Hillsborough
13	Dimmocks Mill Rd.	I-40/I-85	Orange Grove Rd.	4' shoulders	Orange	\$370,600	2.1	Orange Co.
14	Dodsons Crossroads	Orange Grove Rd.	NC 54	4' shoulders	Orange	\$1,079,100	6.2	Orange Co.
15	Efland-Cedar Grove Rd.	Highland Farm Rd.	Carr Store Rd.	4' shoulders	Orange	\$283,400	1.6	Orange Co.
16	Elizabeth Brady Rd. & Ext.	US 70 A	St. Mary's Rd.	bike lanes	Orange	\$228,900	1.3	Hillsborough
17	Eno Mt. Rd.	Dimmocks Mill Rd.	Orange Grove Rd.	4' shoulders	Orange	\$141,700	0.8	Hillsborough
18	Exchange Park Ln.	Churton St.	Orange Grove Rd.	shared	Orange	\$0	0.6	Hillsborough
19	Faucette Mill Rd.	US 70 Bypass	Thompson Ct.	shared	Orange	\$0	0.6	Hillsborough
20	Faucette Mill Rd.	Thompson Ct.	Frank Perry Rd.	4' shoulders	Orange	\$228,900	1.3	Orange Co.
21	Forrest Ave.	Mt. Willing Rd.	Brookhollow Rd.	4' shoulders	Orange	\$21,800	0.1	Orange Co.
22	Frank Perry Rd.	Faucette Mill Rd.	Coleman Loop SR1332	4' shoulders	Orange	\$228,900	1.3	Orange Co.
23	Hassel St.	Margaret Ln.	Corbin St.	shared	Orange	\$0	0.7	Hillsborough
24	Highland Farm Rd.	Coleman Loop Rd.	Efland-Cedar Grove Rd.	4' shoulders	Orange	\$545,000	3.1	Orange Co.
25	Jones Ferry Rd.	Carrboro (Edmister Ln)	Chatham County Line	4' shoulders	Orange	\$719,400	4.1	Orange Co.

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26	Lakeshore/Brownville/Bellvue/Eno	Latimer St.	Dimmocks Mill Rd.	shared	Orange	\$0	0.7	Hillsborough
27	Latimer St.	Nash St.	Lake Shore Dr.	shared	Orange	\$0	0.3	Hillsborough
28	Lawndale Ave.*	Torain St.**	Orange High School**	shared	Orange	\$0	0.8	Hillsborough
29	Lawrence Rd.	Old NC 10	St. Mary's Rd.	4' shoulders	Orange	\$490,500	2.8	Orange Co.
30	Lebanon Rd.	Brookhollow Rd.	Mill Creek Rd.	4' shoulders	Orange	\$752,100	4.3	Orange Co.
31	Mayo St.	Orange Grove Rd.	Churton St.	bike lane	Orange	\$32,700	0.2	Hillsborough
32	Mt. Herman Church Rd.	Murphey School Rd.	US 70	4' shoulders	Orange	\$316,100	1.8	Orange Co.
33	Mt. Sinai Rd.	NC 86	Durham County Line	4' shoulders	Orange	\$850,200	4.9	Orange Co.
34	Mt. Willing Rd.	West Ten Rd.	Forrest Ave.	4' shoulders	Orange	\$109,000	0.6	Orange Co.
35	Nash St.	Revere Rd.	Eno St.	shared	Orange	\$0	1.0	Hillsborough
36	NC 751	US 70	Durham County	4' shoulders	Orange	\$119,900	0.7	Orange Co.
37	NC 86 N	US 70 Bypass	Coleman Loop SRI334	shared	Orange	\$0	3.3	Hillsborough
38	NC 86	I 40	US 70 Business	4' shoulders	Orange	\$1,242,600	7.1	Orange Co.
39	New Sharon Church Rd.	St. Mary's Rd.	NC 157 (Guess Rd.)	4' shoulders	Orange	\$1,242,600	7.1	Orange Co.
40	Oakdale Dr.	Old NC 86/Churton St	Orange Grove Rd.	4' shoulders	Orange	\$196,200	1.1	Hillsborough
41	Old Greensboro Rd.	Carrboro (Sturbridge Ln.	Alamance County line	4' shoulders	Orange	\$1,678,600	9.6	Orange Co.
42	Old NC 86	Eubanks Rd.	Oakdale Dr.	4' shoulders	Orange	\$1,068,200	6.1	Orange Co.
43	Orange Grove Rd.	Dairyland Rd.	Buckhorn Rd.	4' shoulders	Orange	\$54,500	0.3	Orange Co.
44	Orange Grove Rd.	Old NC 86/Churton St.	Dodsons Crossroads	4' shoulders	Orange	\$926,500	5.3	Hillsborough
45	Pleasant Green Rd.	US 70	St. Mary's Rd.	4' shoulders	Orange	\$1,024,600	5.9	Orange Co.
46	Revere Rd./Corbin St.*	US 70 Bypass	Orange High School*	shared	Orange	\$0	1.7	Hillsborough
47	Sawmill Rd.	NC 86	Walnut Grove Church Rd.	4' shoulders	Orange	\$327,000	1.9	Orange Co.
48	Schley Rd.	St. Mary's Rd.	Walnut Grove Church Rd.	4' shoulders	Orange	\$1,689,500	9.7	Orange Co.
49	St. Mary's Rd.	Margaret Ln.	US 70 Bypass	shared	Orange	\$0	1.2	Hillsborough
50	St. Mary's Rd.	US 70 Bypass	New Sharon Ch. Rd.	4' shoulders	Orange	\$261,600	1.5	Orange Co.
51	US 70 Business*	Churton St.*	Lawrence Rd.	4' shoulders	Orange	\$348,800	2.0	Hillsborough
52	US 70 Bypass	NC 86	I-85 exit 170	4' shoulders	Orange	\$1,308,000	7.5	Orange Co.
53	US 70/I-85 Connector	West Ten Rd.	Ben Johnston Rd.	4' shoulders	Orange	\$109,000	0.6	Orange Co.
54	Walnut Grove Church Rd.	NC 86	Person County line	4' shoulders	Orange	\$1,427,900	8.2	Orange Co.
55	West Ten Rd.	US 70/I-85 Connector	Mattress Factory Rd.	4' shoulders	Orange	\$850,200	4.9	Orange Co.
56	Western Bypass	US 70 Bypass	NC 57	4' shoulders	Orange	\$490,500	2.8	Hillsborough
57	White Cross Rd.	Butler Rd.	Chatham County line	4' shoulders	Orange	\$577,700	3.3	Orange Co.
58	Whitfield Rd.	NC 86	Erwin Rd.	4' shoulders	Orange	\$588,600	3.4	Orange Co.
						\$ 26,541,500	167	
CARRBORO								
1	Bolin Creek Greenway Trail	Estes Dr.	Homestead Road	Multi-Use Pa	Orange	\$834,300	2.3	Carrboro
2	Bolin Creek Greenway Trail	Homestead Road	Lake Hogan Farms	Multi-Use Pa	Orange	\$412,000	1.0	Carrboro
3	Bolin Creek Greenway Trail	Lake Hogan Farms	Old NC 86	Multi-Use Pa	Orange	\$123,600	0.2	Carrboro
4	BPW Club Rd / Rock Haven Connector	BPW Club Rd	Rock Haven Road	4 Ft. Bike La	Orange	\$32,700	0.2	Carrboro

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5	Dairyland Road	Old NC 86	Union Grove Church Rd.	4 Ft. Bike La	Orange	\$109,000	0.6	Carrboro
6	Farm House/Tramore Connector	Farm House Drive	Tramore Road	4 Ft. Bike La	Orange	\$21,800	0.1	Carrboro
7	Jones Ferry Road	Old Fayetteville Road	Carr Planning Jurisdiction	4 Ft. Bike La	Orange	\$119,900	0.7	Carrboro
8	Morgan Creek Greenway Trail	Smith Level Road	NC 54 Bypass at Oleander	Multi-Use Pa	Orange	\$669,500	1.7	Carrboro
9	N. Lake Hogan Farm Extension	Hogan Hills Road	Eubanks Road	4 Ft. Bike La	Orange	\$174,400	1.0	Carrboro
10	Old Fayetteville Road	Jones Ferry Road	Strowd Lane	4 Ft. Bike La	Orange	\$283,400	1.6	Carrboro
11	Old Greensboro Road	Jones Ferry Road	Sturbridge Lane	4 Ft. Bike La	Orange	\$65,400	0.4	Carrboro
12	Old NC 86	Farm House Drive	Eubanks Road	4 Ft. Bike La	Orange	\$403,300	2.3	Carrboro
13	Pathway Drive	Bolin Forest	Seawell Road	Multi-Use Pa	Orange	\$309,000	0.4	Carrboro
14	Quail Roost Drive	Hillsborough Road	McDougle School	4 Ft. Bike La	Orange	\$54,500	0.3	Carrboro
15	Roberson Place Bikepath	Eugene St.	Rand Rd.	Multi-Use Pa	Orange	\$195,700	0.4	Carrboro
16	S. Lake Hogan Farm Road	Tramore Road	Homestead Road	4 Ft. Bike La	Orange	\$54,500	0.3	Carrboro
17	Seawell School Connector	Lake Hogan Farm Road	Seawell Road	4 Ft. Bike La	Orange	\$294,300	1.7	Carrboro
18	Smith Level Road	NC 54 Bypass	Rock Haven Road	4 Ft. Bike La	Orange	\$119,900	0.7	Carrboro
19	Strowd Lane	Old Fayetteville Road	Anderson Community Park	4 Ft. Bike La	Orange	\$54,500	0.3	Carrboro
20	Tramore Road Extension	Sunset Creek	Stratford Drive	4 Ft. Bike La	Orange	\$54,500	0.3	Carrboro
21	Tripp Farm Road	Fairoaks	Seawell Connector	Multi-Use Pa	Orange	\$360,500	0.5	Carrboro
22	Tripp Farm Road	Hillsborough Road	Fair Oaks	4 Ft. Bike La	Orange	\$54,500	0.3	Carrboro
						\$4,801,200	17.2	

CHATHAM COUNTY

1	American Tobacco Trail	Durham County Line	Cary Town Limit	Bike Path	Chatham	\$1,635,000	5.2	County
2	Mt. Carmel Church Road	Orange County line	Old Farrington Point Road	Bike lanes	Chatham	\$218,000	1.2	County
3	NC 751	Durham County line	US 64 Hwy	Bike lanes	Chatham	\$577,700	3.2	County
4	Old Farrington Point Road	Durham County Line	Mt. Carmel Church Road	Bike lanes	Chatham	\$305,200	1.7	County
5	US 15-501 South	Orange County line	US 64 Bypass	Bike lanes	Chatham	\$577,700	3.2	County
						\$ 3,313,600	15	

TOTAL BIKE

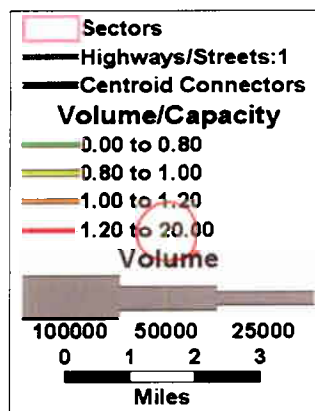
\$ 108,352,768 651

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Regional Trends and the Existing Transportation System

Deficiency maps (labeled “2002 Volumes” and “2030 Volumes”) follow showing Average Daily Traffic Volumes for 2002 and 2030 on the schematic highway network map as produced by the Triangle Regional Model. Road segments on these maps are thicker or thinner according to the total daily volume of traffic, and they are colored to indicate the relative degree of congestion (ratio of traffic volume to road segment capacity). In general, when the Volume/Capacity ratio is greater than 1.0, drivers will experience some periods of congestion that are great enough to warrant changing departure time (leaving earlier or later) or re-routing the trip. At Volume/Capacity ratios greater than 1.2, the road segment will typically be in a congested state throughout the peak hour periods, and often outside the peak hours as well.

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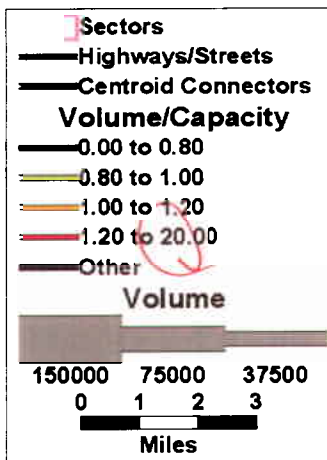


2002 Volumes

6/16/2004 Version 2004 v3

Triangle Regional Model

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2030 Volumes

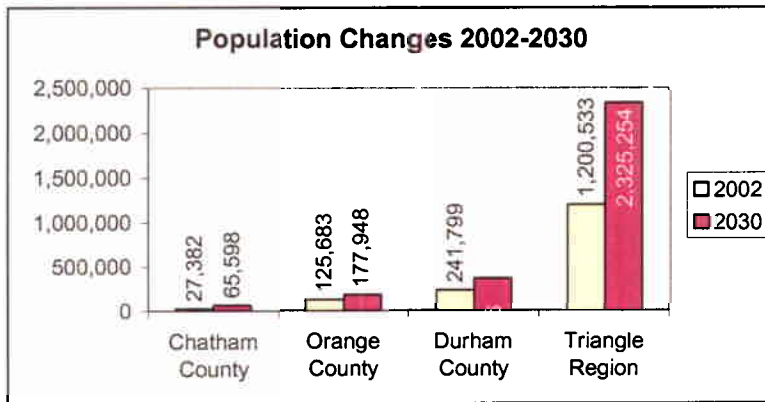
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Summary Information

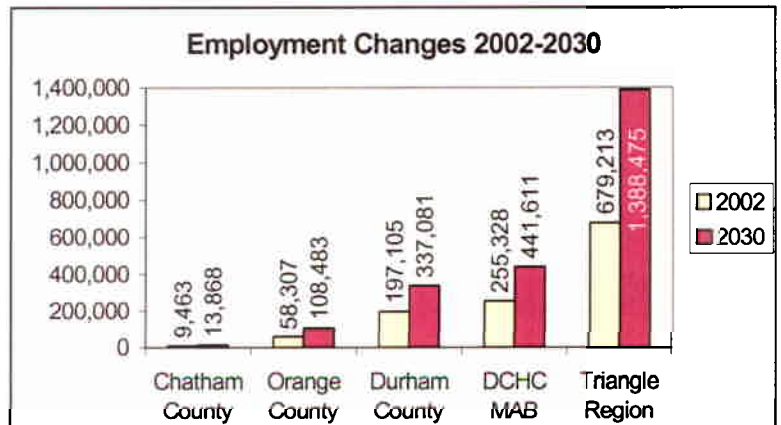
Trip and forecast travel volumes are presented for these areas:

- Region: The entire Triangle Regional Model area
- DCHC: The area within the DCHC MAB
- Durham: Durham County
- Orange: Orange County
- Chatham: The modeled portion of Chatham County

Demographic Information



Area	Population		Employment	
	2002	2030	2002	2030
Region	1,200,533	2,325,254	679,213	1,388,475
DCHC	363,993	558,343	255,328	441,611
Durham	241,799	374,096	197,105	337,081
Orange	125,683	177,948	58,307	108,483
Chatham	27,382	65,598	9,463	13,868





Motorized Trips

Motorized trips are broken down into single-occupancy vehicle (SOV), high-occupancy vehicle (HOV), local transit, and premium transit (express bus and rail). HOV trips are all trips taken with more than one occupant in the vehicle, not just trips on HOV facilities.

