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**DURHAM • CHAPEL HILL • CARRBORO METROPOLITAN PLANNING ORGANIZATION**

**Member Governments**

Town of Carrboro  
Town of Chapel Hill  
County of Chatham  
City of Durham  
County of Durham  
Town of Hillsborough  
N.C. Department of  
Transportation  
County of Orange

# **2035 Long Range Transportation Plan (LRTP)**

## **Preferred Option**

## **2035 LRTP and CTP Preferred Option -- Introduction**

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### **What is the 2035 LRTP?**

The 2035 Long-Range Transportation Plan (LRTP) is the guide for major transportation investments in the Durham-Chapel Hill-Carrboro Metropolitan Planning Organization (DCHC-MPO) area. The DCHC-MPO area covers the entire Durham County and the urbanized portions of Orange and Chatham Counties. The 2035 LRTP recommends major transportation projects, policies and strategies designed to maintain existing transportation systems and serve the region's future travel needs. The 2035 LRTP is also designed to support land use and air quality goals for the urban area, and must be prepared in accordance with Federal transportation and environmental requirements. Projects must be in the 2035 LRTP in order to receive state and federal transportation funding through the North Carolina Transportation Improvement Program (TIP).

### **What is the Preferred Option?**

The Preferred Option is the draft 2035 LRTP. It shows the highway, transit, bicycle and other transportation projects that are to be included in the Plan, and the costs and revenues associated with the proposed set of projects. In addition, the Triangle Regional Model (TRM) uses the proposed set of projects to create a future transportation network and combines that network with a future Land Use Scenario (i.e., forecasted location of population and employment) to produce performance measures and congestion maps. These performance measures, such as the level of roadway congestion, average travel time, and transit ridership, will be used to evaluate the extent to which the proposed set of projects will meet the MPO's Goals and Objectives.

The MPO staff and policy board (Transportation Advisory Committee – TAC) will review the Preferred Option and consider public comments to develop the final 2035 LRTP.

### **How Can Citizens Participate?**

There are many opportunities for citizens to review and comment on the Preferred Option at a series of public workshops and public hearings that will take place from October through December 2009. The public involvement calendar for the Preferred Option is displayed below. The DCHC MPO Website will continue to post a detailed list of these public involvement opportunities in the 2035 LRTP section of the Website – [www.dchcmo.org](http://www.dchcmo.org). For more information, citizens can also contact Andy Henry, (919) 560-4366, [andrew.henry@durhamnc.gov](mailto:andrew.henry@durhamnc.gov).

**Preferred Option – Public Involvement Calendar**

<b>Jurisdiction</b>	<b>Elected Board</b>	<b>Planning Board</b>	<b>Transportation Board</b>	<b>Bicycle/ Pedestrian Board</b>	<b>Transit Board</b>	<b>Public Workshops</b>
<b>City of Durham</b>	11/20/2008	10/14/2008	n/a	10/21/2008	11/5/2008	2 in October/ November*
<b>Durham County</b>	11/3/2008 or 11/10/2008	10/14/2008	n/a	10/21/2008	n/a	
<b>Chapel Hill</b>	11/10	10/21	10/23			1 in October/ November
<b>Carrboro</b>	11/4/2008	10/16/2008	10/16/2008			
<b>Hillsborough</b>	10/24	10/20	n/a	n/a	n/a	1 in October/ November
<b>Orange County</b>	11/6/2008	Can attend Trans. Bd. Mtg.	10/15/2008	n/a	n/a	
<b>Chatham County</b>	11/17		n/a	n/a	n/a	1 in October/ November

\*One workshop will be focused for environmental justice organizations

Note: Check DCHC MPO Web site for any meeting date and time updates –  
[www.dhcmpo.org](http://www.dhcmpo.org)

### What is the Next Step in the 2035 LRTP Process?

In the next major step in the 2035 LRTP development process, the MPO's board (TAC) and technical staff will evaluate the Preferred Option and consider public input to develop the final 2035 LRTP. After approving the 2035 LRTP in early December 2008, the 2035 LRTP will go through an evaluation and public input process to ensure that the Plan meets air quality conformity regulations.

### Remaining Steps/Actions in LRTP Process

<b>Action</b>	<b>Date</b>
TAC release Preferred Option for public review	10/8/08
TAC hold public hearing for Preferred Option	11/12/08, 7 pm
TAC approve 2035 LRTP	12/12/08
TAC release 2035 LRTP Air Quality Conformity Report	2/11/09
TAC hold public hearing for Conformity Report	3/11/09
TAC approve 2035 LRTP Air Quality Conformity Report	4/8/09
Federal approval of 2035 LRTP	Before 6/15/09

## Summary Description of Preferred Option

The MPO believes that evaluation beyond the Alternatives Analysis phase of the LRTP process is needed to identify the transit services for the 2035 LRTP. As a result, there are actually four transit options in the Preferred Option:

1. Bus Transit;
2. Commuter Rail;
3. Rail Transit using DMU (Diesel Multiple Unit); and,
4. Rail Transit using Electric rail cars.

There is only a single option for the highway, bicycle and other transportation modes.

Each Transportation System is composed of many highway, transit and other transportation projects. A review of the long list of projects is a difficult task. The table on the next page provides a summary of the major projects in each of the options for the Preferred Option.

The section of this report, called *Preferred Option – Detailed Description*, presents maps and project tables for each of the options.

# Summary of Preferred Options(1)

Preferred Option	Highway	Bus Transit	Fixed Guideway
<b>Bus Transit</b> (from Bus Intensive alternative)	<ul style="list-style-type: none"> <li>HOV/HOT on I-40 (from Wake Co. to NC 86)</li> <li>Triangle Parkway (toll)</li> <li>US 15-501 freeway</li> <li>7 Highway Trust Fund "loop" projects (including East End Connector)</li> <li>Same as above</li> </ul>	<ul style="list-style-type: none"> <li>Local bus expansion               <ul style="list-style-type: none"> <li>Peak headways <b>10-20 minutes</b></li> <li>Off-Peak headways <b>15-30 minutes</b></li> </ul> </li> <li>Express bus expansion</li> <li>Regional bus expansion (to outlying communities)</li> <li>Employment center circulators</li> <li>Same with addition of <u>bus feeder</u> service to commuter stations</li> </ul>	<ul style="list-style-type: none"> <li>No fixed guideway service</li> </ul>
<b>Commuter Rail</b> (from Moderate multi-modal alternative)	<ul style="list-style-type: none"> <li>Same as above</li> </ul>	<ul style="list-style-type: none"> <li>Same with addition of <u>bus feeder</u> service to commuter stations</li> </ul>	<ul style="list-style-type: none"> <li>Commuter Rail – Hillsborough to Downtown Durham to RTP to Downtown Raleigh to Clayton</li> <li>Commuter Rail – Downtown Durham to Carrboro via Carolina North</li> <li>Bus Rapid Transit – Downtown Durham to UNC-Chapel Hill</li> </ul>
<b>STAC – DMU</b> (from Fixed Guideway alternative)	<ul style="list-style-type: none"> <li>Same as above</li> </ul>	<ul style="list-style-type: none"> <li>Same with addition of <u>bus feeder</u> service to rail transit stations</li> </ul>	<ul style="list-style-type: none"> <li>Rail Transit -- Duke to Downtown Raleigh using Diesel Multiple Units (DMU)</li> <li>Light Rail Transit – Duke to UNC-Chapel Hill using electric rail cars</li> </ul>
<b>STAC – Electric</b> (New alternative – the only preferred option not evaluated as part the alternatives analysis)	<ul style="list-style-type: none"> <li>Same as above</li> </ul>	<ul style="list-style-type: none"> <li>Same with addition of <u>bus feeder</u> service to rail transit stations</li> </ul>	<ul style="list-style-type: none"> <li>Light Rail Transit – UNC-Chapel Hill to Duke to Downtown Durham to NCCU to RTP to Downtown Raleigh using electric rail cars</li> </ul>

(1) Some helpful definitions: HOV/HOI = High Occupancy Vehicle/Toll; lanes that can only be used by vehicles that pay a toll or have at least a specified number of passengers. Headway = minutes to wait before next bus arrives. Peak = period of highest travel, generally 7am-9am and 4pm-6pm. BRT = Bus Rapid Transit, which are buses on a separate roadway. Fixed Guideway = transit vehicles on separate track or roadway. STAC = Special Transit Advisory Commission, which is a regional commission that recommended major transit investments. Highway Trust Fund "loop" = Highway projects designated in state legislation to receive special funding, in DCHC MPO these include: a) East End Connector; b) US 70 widening and freeway upgrade between Wake County and East End Connector; c) I-85 widening in Durham County; d) all three sections of the Northern Durham Parkway; and, e) North Roxboro Road widening. DMU = Diesel Multiple Unit; each car carries own propulsion capacity and thus trains can be sealed more easily to meet demand. However, the DMUs are relatively large and heavy, and cannot be mixed on streets with regular traffic. Electric = Using electric rail cars (often called light rail transit) that can be, to some extent, mixed on streets with regular traffic. Commuter Rail = Locomotive passenger trains running on mainline rail tracks that have stations relatively far apart and typically only run during peak commute hours.

## What is the CTP?

At this time, the DCHC MPO is completing the development and public input process for adopting the 2035 LRTP by June 2009. The same process for the Comprehensive Transportation Plan (CTP) will be carried out from June 2009 through December 2009, or once the 2035 LRTP is adopted, and the CTP adoption process will be completed from December 2009 through June 2010. The development process for the LRTP and the Comprehensive Transportation Plan (CTP), which includes the use of a travel demand model and the development of project attributes, are very similar. As a result, the 2035 LRTP Preferred Option documentation will often identify transportation projects that are not in the 2035 LRTP but are expected to be part of the CTP. This identification process helps the MPO match future projects with their partner MPO centered in Raleigh, the Capital Area Metropolitan Planning Organization (CAMPO), and to get a good start on the CTP development process.

A description of the CTP and comparison with the LRTP might help to understand this relationship. North Carolina General Statute 136-66.2 requires each municipality or Metropolitan Planning Organization (MPO), with the cooperation of the NCDOT, to develop a Comprehensive Transportation Plan (CTP) serving present and anticipated travel demand in and around the MPO. The CTP is a series of 5 sheets that include: Adoption Sheet, Highway Map, Public Transportation and Rail Map, Bicycle Map, and Pedestrian Map. These sheets show current and future transportation facilities. The principal differences between the LRTP and CTP include:

- Planning Horizon -- LRTP has a 2035 planning horizon and thus only shows new projects to be operational by the year 2035, whereas the CTP has no planning horizon and thus shows projects to be implemented beyond the year 2035.
- Fiscal Constraint -- LRTP must be fiscally-constrained, i.e., the anticipated revenues must cover the anticipated costs, but the CTP has no fiscal element and thus will contain more projects than the LRTP;
- Current and New Projects -- LRTP lists only proposed highway improvements and transit services, whereas the CTP maps out both the current and proposed projects;
- Air Quality -- LRTP must pass Air Quality Conformity but the CTP does not.
- Approval -- LRTP is a federal requirement and must be approved by the MPO and federal oversight agencies, whereas the CTP is a state requirement and must be approved by the North Carolina Board of Transportation and the MPO.

## 2035 LRTP Preferred Option – Detailed Description and Maps

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### Introduction

Although there are four transit options in the Preferred Option, there is only one highway option. This section presents:

- the proposed set of highway projects;
- the corresponding attribute information, such as project cost and implementation year; and,
- a brief discussion on the criteria used for selecting these projects from the larger set of highway projects in the Alternatives.

### Project Selection for Preferred Option

The Preferred Option includes 84 of the 150 highway projects that were presented in the Highway Intensive Alternative of the Alternatives Analysis. Several factors were considered in selecting these 84 projects from the Alternatives Analysis, including:

1. Congestion (V/C) – The Triangle Regional Model (TRM) produces maps that show the level of congestion on the road segments – these maps are often called “volume over capacity” maps. Highway projects in corridors in which the forecast indicated high levels of congestion, and highway projects that were shown to help relieve that congestion, were given preference.
2. Fiscal Constraint – The revenues must cover the costs in the 2035 LRTP. The cost of the 150 projects in the Highway Intensive Alternative (reviewed in the Alternatives Analysis) exceeded the revenues by \$1.75 billion. Thus, many highway projects were removed from that set of highway projects to produce the set of highway project in the Preferred Option.
3. Environmental Impacts – Some proposed road widenings cross wetlands and other environmentally sensitive areas. It is difficult to increase the right-of-way of these existing roadways or add to negative impacts such as storm water runoff. The MPO proposes to implement capacity improvement that have less overall environmental impact, such as intersection capacity and design improvements, to meet these capacity improvements.
4. Local Support – In some cases, the board of local elected officials, a community organization or citizen has provided a clear indication during the Alternatives Analysis process that they support or oppose a project or type of project (e.g., rail transit).

Highway projects that are expected to be completely constructed or funded (as stated in the current TIP – Transportation Improvement Program) before January 1, 2008 are not included in the Preferred Option. It is assumed that these projects will be completed and their fiscal impact occurs before the beginning of the 2035 LRTP planning horizon, which is January 1, 2009.

## **Projects in the Comprehensive Transportation Plan (CTP)**

The DCHC MPO plans to develop and adopt a Comprehensive Transportation Plan (CTP) from June 2009 to December 2009. Indeed, much of the analysis work required for the CTP is being completed in the 2035 LRTP process. Given that the CTP has a time horizon that extends beyond that of the 2035 LRTP, many of the projects from the Highway Intensive Alternative that are not included in the 2035 LRTP will be part of the adopted CTP.

## **Preferred Option Map and Tables**

The map of the highway projects in the Preferred Option is on page 4 of this section. A table that lists these projects and their attributes follows the map and a key to the attribute information is below.

The Introduction in this report provides a summary of the highway projects that indicates the major projects.

## **Key Information in Project Table**

Each row in the table is a separate highway project. The attribute information for each project is presented by columns, and includes the following:

- New ID – This number facilitates the identification of projects in the long-range plan.
- Project – The project name is the name of the road.
- Project Limits – This usually identifies the name of the two road intersections between which the project is to be constructed.
- Existing Cross-Section – This identifies the number of current lanes. “0” indicates a new road alignment – in other words, there is no existing road.
- Proposed Cross-Section – This identifies the number of lanes proposed in the plan.
- County – This identifies the county location of the project.
- Length – This shows the length, in miles, of the project roadway.

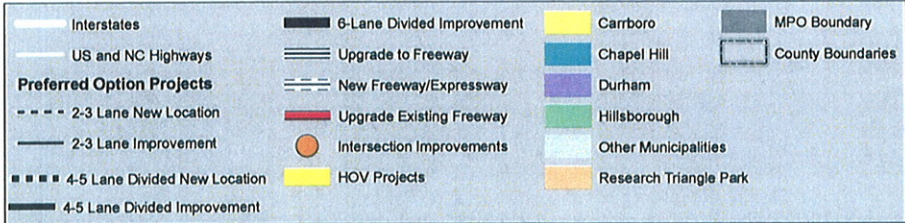
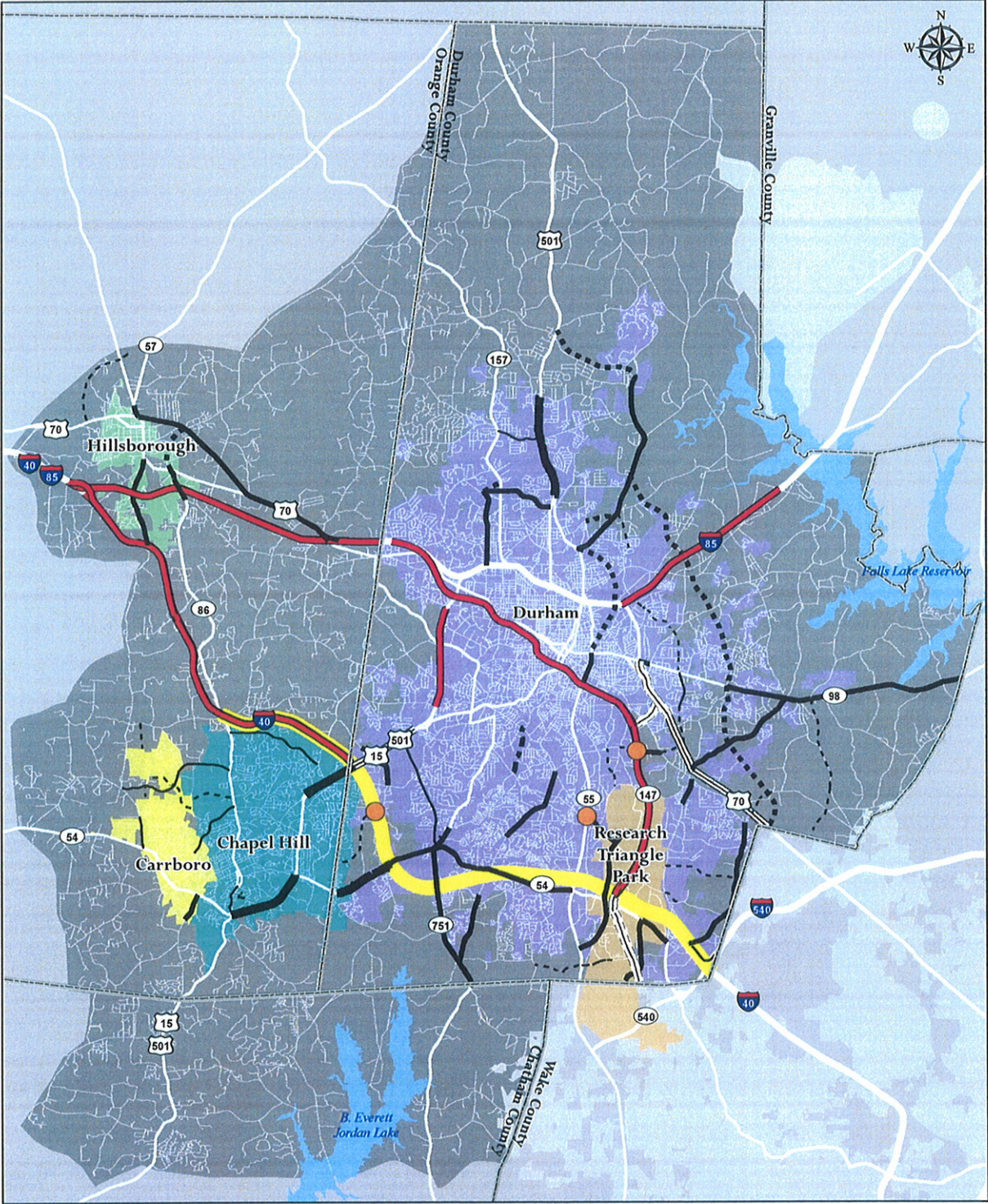


- Total Cost – The total costs includes those estimated costs to be incurred between January 1, 2009 and December 31, 2035. Cost information from the current Transportation Improvement Program (TIP) and any related studies (e.g., I-40 HOV) was used to calculate costs for projects, when available, and a modified version of the current highway cost template from the NCDOT (North Carolina Department of Transportation) was used for the majority of projects
- AQ Year – There are five Air Quality analyses thresholds – there are three periods, 2009 to 2015, 2016 to 2025, and 2026 to 2035, and two stand alone years, 2011 and 2017. The AQ Year indicates in which analysis period the particular project will be completed and in service.
- Reg. 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 2035 LRTP has been approved, then the Conformity Determination process might have to be done again.
- Exempt? – 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 Long Range Transportation Plan. These exempt projects tend to be transit services, and highway project that do not add overall roadway capacity but reduce travel delays, thereby reducing vehicle emissions.
- TIP No. – Some projects are completely or partially funded in the current Transportation Improvement Plan (TIP). If so, the TIP identification number is shown.
- Funding Source – The proposed funding sources for most projects are federal and/or state programs. In some cases, the local government or a private source is identified.

# Highway Preferred Option – Projects and Maps

# DURHAM CHAPEL HILL CARRBORO METROPOLITAN PLANNING ORGANIZATION

## Roadway Improvements in Preferred Option



Transportation  
Plan 20 35

The Louis Berger Group, Inc.  
8.6.2008

Miles

2035 LRTP  
DCHC MPO Highway Projects -- Preferred Option

New ID	Project	Project Limits	Existing Cross-Section	Proposed Cross-Section	County	Length (miles)	Total Cost (2008 dollars)	AQ Year	Req. Significant?	Exempt?	TIP No.	Funding Source
1	Alexander Dr (T.W. Alexander)	Cornwallis Rd to NC 147	2	4	Durham	0.50	\$8,900,000	2017	No	No	U-3309	State/Fed
3	Alexander Dr (T.W. Alexander)	NC 54 to NC 55	2	4	Durham	1.64	\$25,083,066	2025	No	No		State/Fed/Private
4	Alexander Dr (T.W. Alexander)	NC 54 to Cornwallis Rd	2	4	Durham	1.58	\$24,204,905	2025	No	No		State/Fed/Private
5	Alston Ave Ext	Holloway St to Old Oxford/Roxboro	0	4	Durham	3.49	\$64,185,815	2035	No	No		State/Fed/Private
8.11	Briggs Ave Ext	So-Hi Dr to Riddle Rd	0	2	Durham	1.08	\$11,492,938	2035	No	No	U-2831B	State/Fed
9	Carver Street Ext	Armfield St to Old Oxford Rd	0	4	Durham	0.73	\$7,660,000	2017	No	No	CIP	Local
10.11	Chin Page Ext.	Page Rd to Wake County Line	0	2	Durham	0.20	\$2,128,322	2025	No	No		State/Fed/Private
12	Cornwallis Rd	MLK to Alexander Dr	2	4	Durham	0.79	\$8,210,476	2025	No	No		State/Fed
13.11	Cornwallis Rd Ext	Miami Blvd to Chin Page Rd	0	2	Durham	0.55	\$5,852,885	2035	No	No		State/Fed
15	East End Connector (EEC)	NC 147 to US 70 E; US 70-EEC to NC 98	0	4	Durham	2.50	\$155,401,000	2017	Yes	No	U-0071	State/Fed/Hwy Trust Fund
16	Elizabeth Brady Rd Ext	US 70 Business to St Mary's Rd	0	4	Orange	1.30	\$33,594,000	2017	No	No	U-3808	State/Fed
17	Estes Dr	Greensboro Rd to NC 86	2	3	Orange	1.70	\$6,600,000	2025	No	No	U-2909	State/Fed
22.1	Fayetteville Rd	Renaissance Pkwy to NC 751	2	4	Durham	1.90	\$20,826,715	2025	No	No		State/Fed
23	Fayetteville Rd	Woodcroft Pkwy to Cornwallis Rd	2	4	Durham	2.31	\$23,134,000	2017	No	No	CIP	Local
24.11	Garett Rd	NC 751 to US 15-501	2	3	Durham	3.09	\$16,753,108	2025	No	No		State/Fed
26.11	Globe Rd. Ext. (Brier Creek Pkwy)	Miami Blvd. To Wake County Line	0	2	Durham	2.18	\$23,198,709	2035	No	No		State/Fed/Private
27	Glover Rd	Glover Rd/NC 147 interchange: 147 to Angier	2	4	Durham	0.64	\$33,231,525	2025	No	No		State/Fed/Private
28.11	Glover Rd	Angier to US 70	0	2	Durham	0.59	\$6,276,550	2025	No	No		State/Fed/Private
30	Hillandale Rd	I-85 to Carver St.	2	4	Durham	0.62	\$10,943,000	2011	No	No	U-3804	State/Fed
31	Hillandale Rd	Carver to Horton Rd	2	4	Durham	1.38	\$14,342,351	2025	No	No		State/Fed
32	Hillandale Rd Ext	Horton Rd to Guess Rd	0	4	Durham	0.55	\$9,094,040	2035	No	No		State/Fed/Private
33	Hillsborough Rd/Old Fayetteville	Strowd Ln to Old Fayetteville/NC 54	2	3	Orange	0.85	\$1,800,000	2025	No	Yes	U-3100	State/Fed
35	Homeslead Rd	High School Rd to NC 86	2	3	Orange	1.58	\$10,300,000	2025	No	No	U-2805	State/Fed
36	Homeslead Rd	Old NC 86 to High School Rd	2	3	Orange	1.74	\$8,825,634	2025	No	No		State/Fed
39	Horton Rd	Duke St to Hillandale Rd	2	4	Durham	1.94	\$22,322,436	2035	No	No		State/Fed
40	(Horace Williams Network) Carolina North	Carolina North Campus (this is not an extension of Weaver Dairy Rd.)	0	2	Orange	1.14	\$12,131,435	2020	No	No		Private
41	I-40/Farrington Rd interchange	I-40/Farrington Rd interchange	0	1	Durham	0.20	\$25,500,000	2025	No	No		State/Fed
43	I-40 (general purpose widening)	US 15-501 to NC 86	4	6	Orange	4.08	\$43,790,031	2035	Yes	No	I-3306	State/Fed
44	I-40 (general purpose widening)	NC 86 to I-85	4	6	Orange	7.32	\$77,277,997	2035	Yes	No	I-3306	State/Fed

2035 LRTP  
DCHC MPO Highway Projects -- Preferred Option

New ID	Project	Project Limits	Existing Cross-Section	Proposed Cross-Section	County	Length (miles)	Total Cost (2008 dollars)	AQ Year	Reg. Significant?	Exempt?	TIP No.	Funding Source
45	I-40 HOV	Wake County Line to NC 86	0	2	Durham	16.63	\$604,500,000	2035	Yes	No		State/Fed
46	I-540	Ramp improvement: I-540 W to I-40 W	1	2	Durham	0.86	\$4,930,000	2011	Yes	No	R-2000	State/Fed
48	I-85	I-40 to the Durham Co line	4	6	Orange	8.35	\$210,782,000	2025	Yes	No	I-0305	State/Fed
49	I-85	US 70 to Redwood Rd.	4	6	Durham	5.25	\$132,527,605	2025	Yes	No	I-4743	Hwy Trust Fund
51	Lake Hogan Farms Rd Ext	Lake Hogan Farms Rd to Eubanks Road	0	2	Orange	0.96	\$10,419,610	2020	No	No		Private
52	Latta Rd	Guess Rd to Roxboro Rd	2	3	Durham	1.20	\$5,409,315	2035	No	No		State/Fed
54.11	Leesville Rd Ext	Leesville Rd to US 70/Page Rd	0	2	Durham	0.81	\$9,587,110	2035	No	No		State/Fed/Private
57	Lynn Rd. Ext	NC 98/Glover Rd Ext to Existing Lynn Rd.	0	2	Durham	0.86	\$9,346,199	2035	No	No		State/Fed/Private
58	Mason Farm Rd Realignment	Near S Columbia St	0	4	Orange	0.63	\$23,282,312	2025	No	No		Private
60	Midland Terrace	NC 98 to Geer St	0	2	Durham	2.44	\$17,207,959	2035	No	No		State/Fed
61	Midland Terrace	Dearborn to Old Oxford Rd/Hamlin Junction	0	2	Durham	0.98	\$17,862,527	2035	No	No		State/Fed/Private
63	MLK Pkwy (NC 55 interchange)	NC 55 to Cornwallis Rd connector	0	4	Durham	0.28	\$25,800,000	2035	Yes	No	U-2405	State/Fed
64.11	NC 147 General purpose widening	Alston Ave to East End Connector	4	6	Durham	1.84	\$25,497,857	2035	Yes	No		State/Fed
64.12	NC 147 General purpose widening	Alston Ave to I-85	4	6	Durham	6.73	\$120,515,944	2035	Yes	No		State/Fed
64.13	NC 147 General purpose widening	East End Conn to I-40	4	6	Durham	4.78	\$52,645,086	2035	Yes	No		State/Fed
66	NC 147 South Ext (Triangle Pkwy -toll)	I-40 to Wake County Line	0	6	Durham	2.40	\$156,700,000	2017	Yes	No	U-4763B	State/Fed/Tolls
69	NC 54	I-40 Interchange to NC 55	2	4	Durham	5.24	\$36,357,032	2025	No	No		State/Fed
70	NC 54	I-40 to Barbee Chapel Rd	4	6	Durham	1.65	\$34,540,862	2025	Yes	No		State/Fed
73	NC 54/US 15-501 Bypass	NC 54 to US 15-501	4	6	Orange	2.12	\$22,372,618	2025	Yes	No		State/Fed
75	NC 55 (Alston Ave.)	NC 147 to NC 98	2	4	Durham	0.90	\$23,320,000	2017	No	No	U-3308	State/Fed
77.1	NC 751	S Roxboro St to NC 54	2	4	Durham	0.7	\$10,245,211	2025	No	No		State/Fed
77.2	NC 751	NC 54 to Renaissance Pkwy	2	4	Durham	1.23	\$12,783,400	2025	No	No		State/Fed
77.3	NC 751	Renaissance Pkwy to Fayetteville/Scott King Rd	2	4	Durham	1.94	\$20,162,436	2025	No	No		State/Fed
78	NC 751	O'Kelly Chapel Rd to Fayetteville/Scott King Rd	2	4	Durham	0.74	\$7,690,826	2035	No	No		State/Fed
80	NC 86	Old NC 10 to US 70 Business	2	4	Orange	0.90	\$11,513,707	2025	No	No		State/Fed
81	NC 86	US 70 Bypass to NC 57	2	4	Orange	0.34	\$3,533,623	2025	No	No		State/Fed
81.1	NC 98 (Holloway St)	Wake County Line to Mineral Springs	2	4	Durham	6.46	\$68,218,832	2035	No	No		State/Fed
83	Northern Durham Pkwy	US 70 E. to I 85 North	0	4	Durham	8.07	\$133,434,364	2025	Yes	No	U-4721	Hwy Trust Fund
84	Northern Durham Pkwy	I 85 North to Old Oxford Hwy	0	4	Durham	3.80	\$64,991,547	2025	Yes	No	U-4721	Hwy Trust Fund

2035 LRTP  
DCHC MPO Highway Projects -- Preferred Option

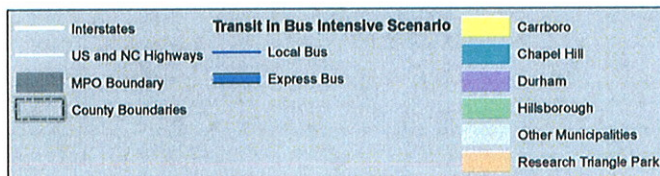
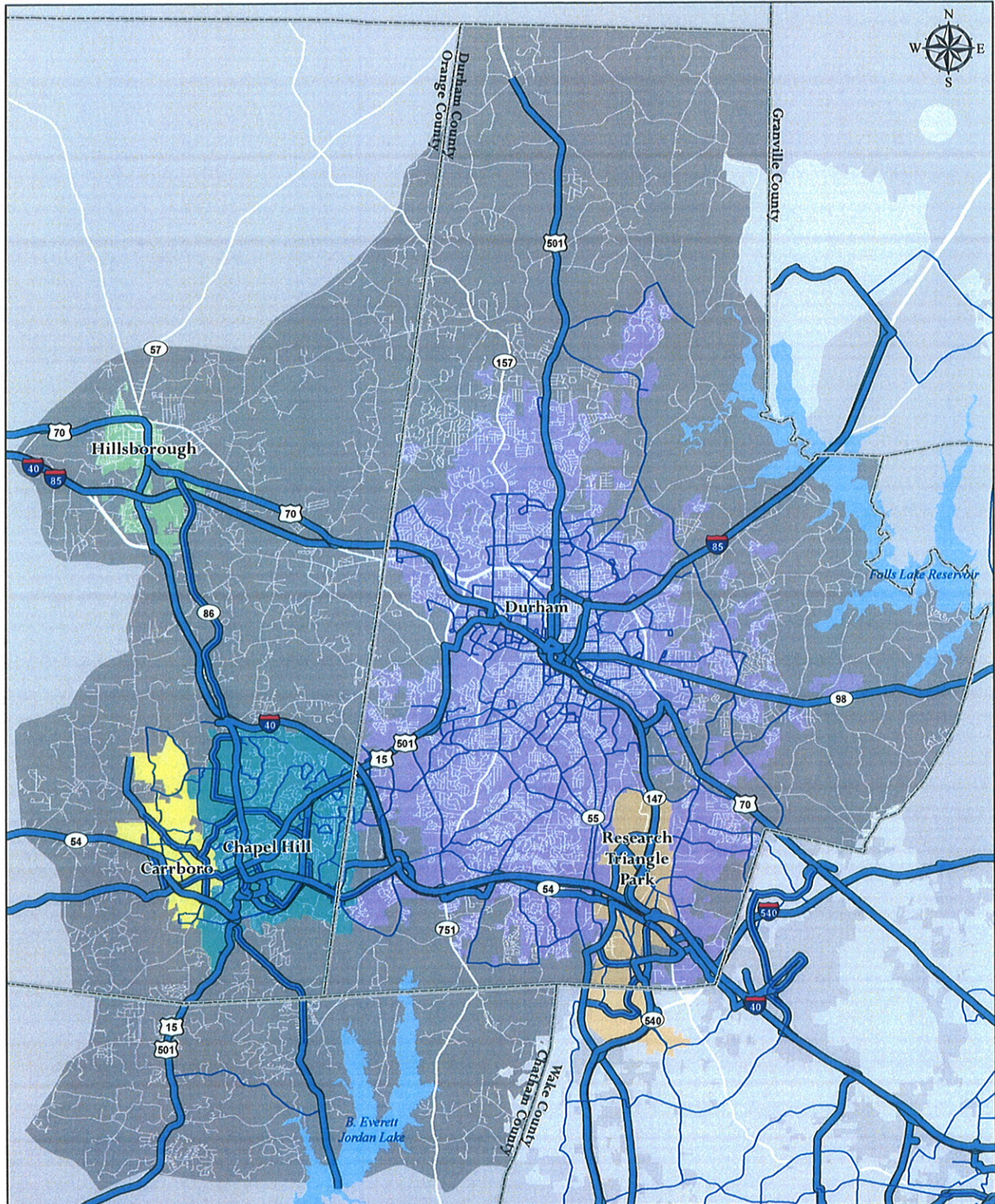
New ID	Project	Project Limits	Existing Cross-Section	Proposed Cross-Section	County	Length (miles)	Total Cost (2008 dollars)	AQ Year	Reg. Significant?	Exempt?	TIP No.	Funding Source
85	Northern Durham Pkwy	Old Oxford Hwy to Roxboro Rd	0	2	Durham	2.84	\$28,093,849	2025	No	No	U-4721	Hwy Trust Fund
86	Old NC 86	I-40 to Lafayette Dr.	2	4	Orange	0.80	\$6,176,000	2035	No	No	R-2825	State/Fed
87	Old NC 86	Lafayette Dr to US 70 Business	2	4	Orange	1.63	\$13,124,000	2035	No	No	R-2825	State/Fed
88	Old Oxford Rd	Roxboro Rd to Snow Hill Rd	2	4	Durham	2.57	\$27,790,031	2025	No	No		State/Fed
89	Olive Branch Rd Ext	NC 98 to Wake County Line	0	2	Durham	1.48	\$16,869,085	2035	No	No		Private
90	Page Rd	I-40 to Page Rd Ext	2	4	Durham	3.88	\$40,324,871	2035	No	No		State/Fed
91	Riddle Rd. Extension	Ellis Rd. to NC 147	0	2	Durham	0.49	\$5,214,389	2025	No	No		State/Fed/Private
92	Roxboro Road (501N)	Duke Street to Goodwin Rd	4	6	Durham	2.85	\$40,962,074	2035	Yes	No	U-4722	Hwy Trust Fund
94	Roxboro St	Cornwallis Rd to MLK Pkwy	0	4	Durham	1.29	\$21,329,657	2025	No	No		State/Fed
95.11	Scott King Rd	Grandale Dr to Hopson Rd	0	2	Durham	1.15	\$13,317,851	2035	No	No		State/Fed
96	Seawell School Connector	Lake Hogan Farms Rd to Seawell School Rd	0	2	Orange	1.81	\$17,132,991	2035	No	No	Private	Private
96.1	Sherron Rd.	US 70 to NC 98	2	4	Durham	3.25	\$33,777,276	2040	No	No		State/Fed
97	Smith Level Rd	Rock Haven Rd to NC 54 bypass	2	3	Orange	0.75	\$5,400,000	2017	No	No	U-2803	State/Fed
98	South Columbia St	NC 54 to Manning Dr.	0	2	Orange	0.86	\$3,650,000	2017	Yes	Yes	U-624	State/Fed
102	SW Durham Dr	Meadowmont Dr to I-40	0	2	Durham	1.78	\$21,208,481	2025	No	No		State/Fed/Private
104	SW Durham Dr.	Walkins Rd (Old Chapel Hill Rd to US 15-501)	2	4	Durham	0.70	\$10,245,211	2017	No	No		Private
106	SW Durham Dr.	US 15-501 to Mt. Moriah Rd.	0	4	Durham	0.35	\$9,054,232	2025	No	No		Private
111	US 15-501	I-40 to Franklin St	4	6	Orange	1.40	\$24,270,422	2035	Yes	No	U-2807	State/Fed
113	US 15-501 (freeway conversion)	Bypass to I-40	4	6	Durham	1.88	\$106,381,000	2035	Yes	No	U-2807	State/Fed
114	US 15-501 Bypass	Pickett Rd to Morreene Rd	4	6	Durham	2.84	\$35,386,491	2035	Yes	No		State/Fed
116	US 70 (freeway conversion)	Lynn Rd to Wake Co line	4	6	Durham	4.08	\$128,210,945	2025	Yes	No	U-4720	Hwy Trust Fund
117	US 70 Bypass	NC 86 to I-85 (exit 170)	2	4	Orange	6.90	\$102,068,510	2025	No	No		State/Fed
119	Weaver Dairy Rd	NC 86 to Erwin Rd	2	3	Orange	2.65	\$11,070,000	2017	No	No	U3306	State/Fed
120	Western Bypass	US 70 to NC 86	0	2	Orange	2.23	\$23,730,789	2025	No	No	R-3438	State/Fed
121	Western Bypass	NC 86 to Stroud Creek Rd	0	2	Orange	0.30	\$3,192,483	2025	No	No	R-3438	State/Fed
123.11	Woodcroft Pkwy Ext	Garrett Rd to Hope Valley Rd	0	2	Durham	0.25	\$2,660,402	2025	No	No		State/Fed/Private
<b>Total</b>						<b>187</b>	<b>\$3,339,881,961</b>					

# **Transit Preferred Option (bus) – Projects and Maps**

# DURHAM CHAPEL HILL CARRBORO METROPOLITAN PLANNING ORGANIZATION

10/22/08 Attachment 5

## Transit Preferred Option-Bus Focus



Transportation  
Plan  
20 35



The Louis  
Berger Group, Inc.  
8.6.2008

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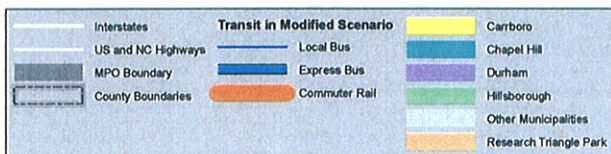
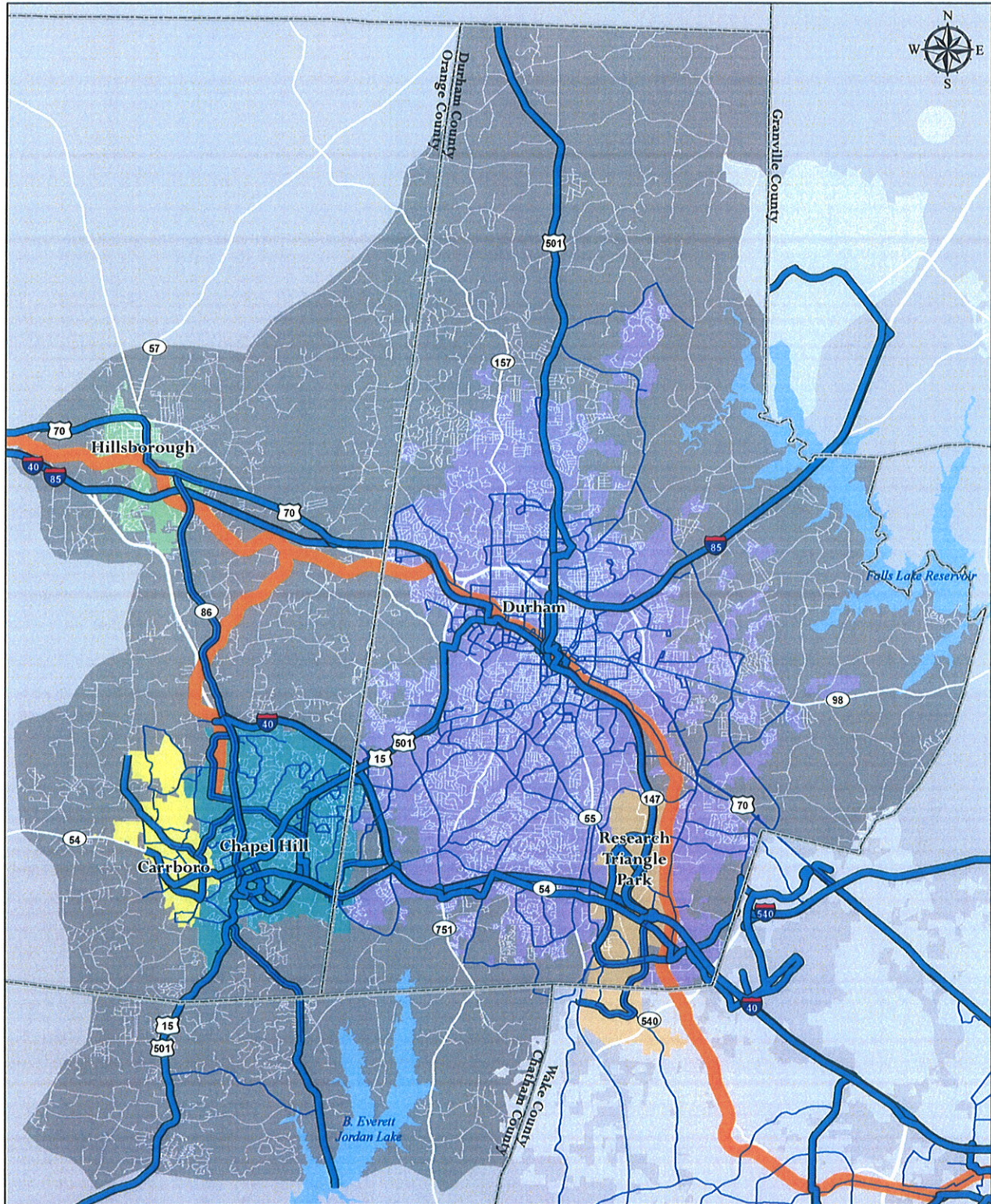




# DURHAM CHAPEL HILL CARRBORO METROPOLITAN PLANNING ORGANIZATION

10/22/08 Attachment 5

## Transit Preferred Option-Commuter Rail



Transportation  
Plan 2035

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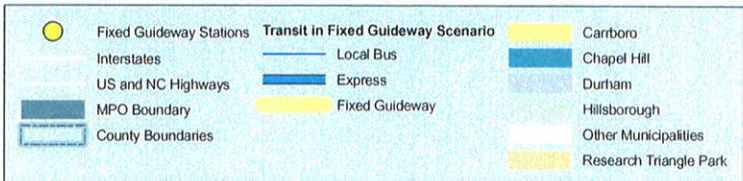
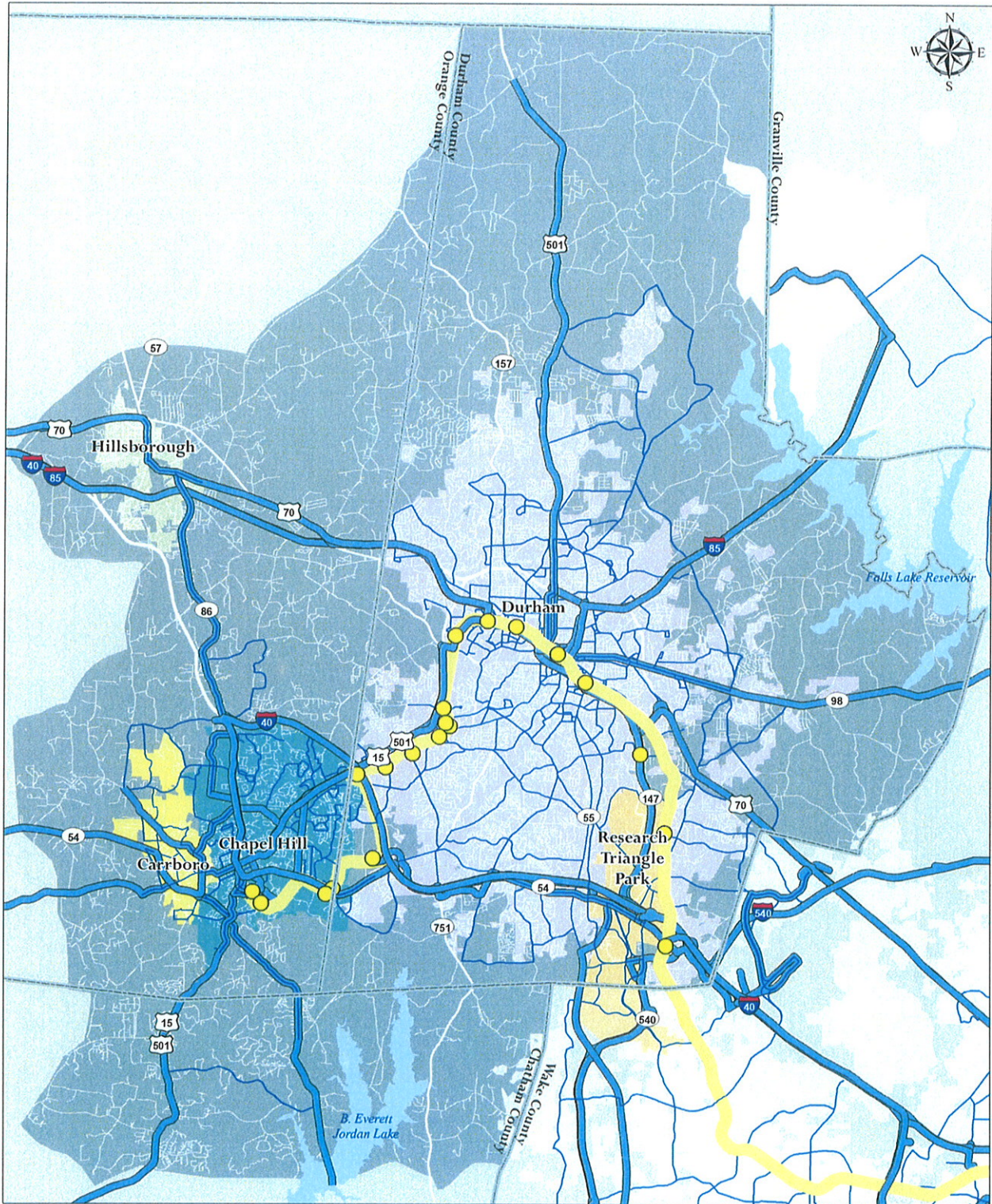
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0 1.25 2.5 5 Miles

# DURHAM CHAPEL HILL CARRBORO METROPOLITAN PLANNING ORGANIZATION

10/22/08 Attachment 5

## Transit Preferred Option-STAC/DMU



Transportation  
Plan  
**20 35**

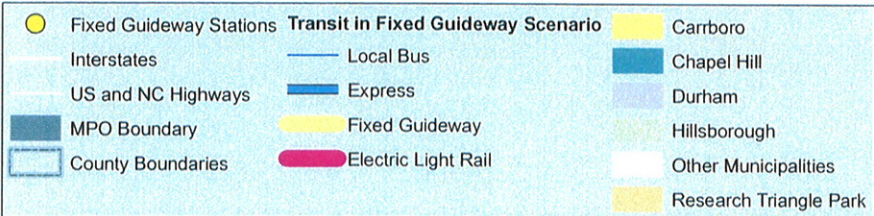
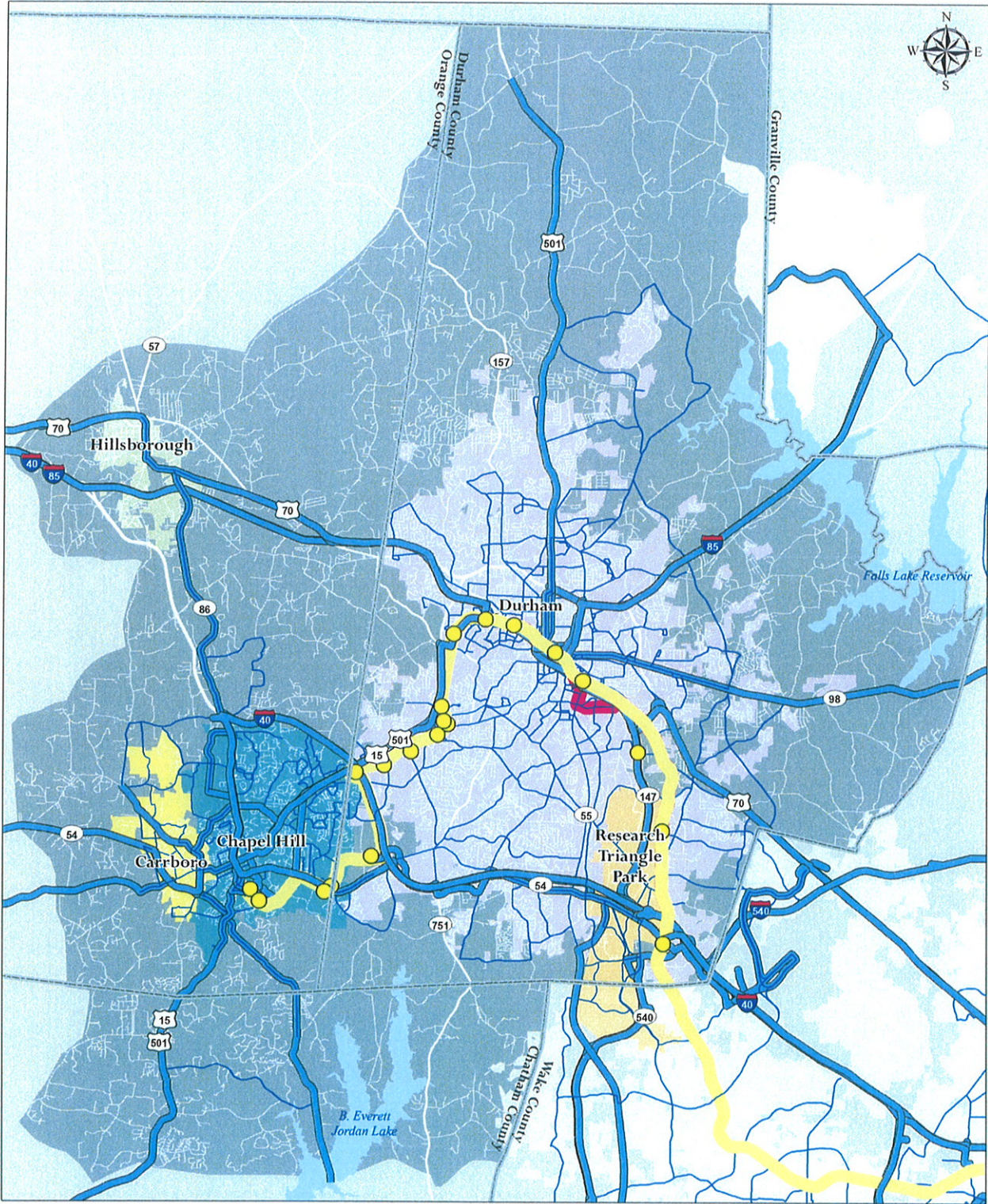
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# DURHAM CHAPEL HILL CARRBORO METROPOLITAN PLANNING ORGANIZATION

10/22/08 Attachment 5

## Transit Preferred Option-STAC Electric



Transportation  
Plan  
**20 35**

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0 1.25 2.5

Transit Preferred Options - Projects and Costs

Regional	Route Name	company	Local Bus Circulator Express Bus Guideway	R0 -bus focus		R0 -bus focus		R2 - STAC-DMU	R3- Light Rail		R1 - Commuter	R1 - Commuter	
				Bus Capital Cost	Bus Total Operating Cost	Bus Capital Cost	Bus Total Operating Cost		Bus Capital Cost	Bus Total Operating Cost			Bus Capital Cost
Reg_ID	Route_Name	company	Srvctype	Bus Capital Cost	Bus Total Operating Cost	Bus Capital Cost	Bus Total Operating Cost	Bus Capital Cost	Bus Total Operating Cost	Bus Capital Cost	Bus Total Operating Cost	Bus Capital Cost	Bus Total Operating Cost
3.54.0	CHT A OB:MLKBld-Weiner	CHT	Local Bus	\$1,669,560	\$1,144,560	\$1,669,560	\$1,144,560	\$1,669,560	\$1,144,560	\$1,669,560	\$1,144,560	\$1,669,560	\$1,144,560
3.54.0	CHT A IB:Weiner-MLKBld	CHT	Local Bus	\$1,335,648	\$1,004,000	\$1,335,648	\$1,004,000	\$1,335,648	\$1,004,000	\$1,335,648	\$1,004,000	\$1,335,648	\$1,004,000
3.56.0	CHT CW OB:JonesFerry-Ptsboro	CHT	Local Bus	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640
3.56.0	CHT CW IB:Ptsboro-JonesFerry	CHT	Local Bus	\$333,912	\$271,080	\$333,912	\$271,080	\$333,912	\$271,080	\$333,912	\$271,080	\$333,912	\$271,080
3.57.0	CHT CM IB:FamPrac-JonesFerry	CHT	Local Bus	\$333,912	\$140,560	\$333,912	\$140,560	\$333,912	\$140,560	\$333,912	\$140,560	\$333,912	\$140,560
3.57.0	CHT CM OB:JonesFerry-FamPrac	CHT	Local Bus	\$667,824	\$281,120	\$667,824	\$281,120	\$667,824	\$281,120	\$667,824	\$281,120	\$667,824	\$281,120
3.64.0	CHT CL OB: UNCHosp-WldnGrmfld	CHT	Local Bus	\$333,912	\$361,440	\$333,912	\$361,440	\$333,912	\$361,440	\$333,912	\$361,440	\$333,912	\$361,440
3.64.0	CHT CL IB: WldnGrmfld-UNCHosp	CHT	Local Bus	\$333,912	\$361,440	\$333,912	\$361,440	\$333,912	\$361,440	\$333,912	\$361,440	\$333,912	\$361,440
3.60.0	CHT CPX OB:CarboroP&R-UNC	CHT	Express Bus	\$667,824	\$7,048,080	\$667,824	\$7,048,080	\$667,824	\$7,048,080	\$667,824	\$7,048,080	\$667,824	\$7,048,080
3.60.0	CHT CPX IB:UNC-CarboroP&R	CHT	Express Bus	\$667,824	\$7,048,080	\$667,824	\$7,048,080	\$667,824	\$7,048,080	\$667,824	\$7,048,080	\$667,824	\$7,048,080
3.62.0	CHT D OB:SmithLevel-Providence	CHT	Local Bus	\$1,335,648	\$823,280	\$1,335,648	\$823,280	\$1,335,648	\$823,280	\$1,335,648	\$823,280	\$1,335,648	\$823,280
3.62.0	CHT D IB:Providence-SmithLevel	CHT	Local Bus	\$1,669,560	\$963,840	\$1,669,560	\$963,840	\$1,669,560	\$963,840	\$1,669,560	\$963,840	\$1,669,560	\$963,840
3.66.0	CHT FCX OB:FridayCntr-Pittsbor	CHT	Express Bus	\$333,912	\$361,440	\$333,912	\$361,440	\$333,912	\$361,440	\$333,912	\$361,440	\$333,912	\$361,440
3.66.0	CHT FCX IB:Pittsbor-FridayCntr	CHT	Express Bus	\$667,824	\$502,000	\$667,824	\$502,000	\$667,824	\$502,000	\$667,824	\$502,000	\$667,824	\$502,000
3.67.0	CHT F OB:McDougle-ColonyWds	CHT	Local Bus	\$667,824	\$502,000	\$667,824	\$502,000	\$667,824	\$502,000	\$667,824	\$502,000	\$667,824	\$502,000
3.70.0	CHT G OB:BookerCk-Briarcliff	CHT	Local Bus	\$1,335,648	\$10,702,640	\$1,335,648	\$10,702,640	\$1,335,648	\$10,702,640	\$1,335,648	\$10,702,640	\$1,335,648	\$10,702,640
3.70.0	CHT G IB:Briarcliff-BookerCk	CHT	Local Bus	\$1,335,648	\$10,702,640	\$1,335,648	\$10,702,640	\$1,335,648	\$10,702,640	\$1,335,648	\$10,702,640	\$1,335,648	\$10,702,640
3.72.0	CHT HS OB:Hghsch-VarsityTh	CHT	Local Bus	\$667,824	\$502,000	\$667,824	\$502,000	\$667,824	\$502,000	\$667,824	\$502,000	\$667,824	\$502,000
3.72.0	CHT HS IB:VarsityTh-Hghsch	CHT	Local Bus	\$667,824	\$502,000	\$667,824	\$502,000	\$667,824	\$502,000	\$667,824	\$502,000	\$667,824	\$502,000
3.74.0	CHT HUX OB:HedrickBldg-UNCHosp	CHT	Express Bus	\$667,824	\$502,000	\$667,824	\$502,000	\$667,824	\$502,000	\$667,824	\$502,000	\$667,824	\$502,000
3.74.0	CHT HUX IB:UNCHosp-HedrickBldg	CHT	Express Bus	\$333,912	\$361,440	\$333,912	\$361,440	\$333,912	\$361,440	\$333,912	\$361,440	\$333,912	\$361,440
3.76.0	CHT J OB:RockCkApt-SGrnsboro	CHT	Local Bus	\$333,912	\$361,440	\$333,912	\$361,440	\$333,912	\$361,440	\$333,912	\$361,440	\$333,912	\$361,440
3.76.0	CHT J IB:SGrnsboro-RockCkApt	CHT	Local Bus	\$667,824	\$502,000	\$667,824	\$502,000	\$667,824	\$502,000	\$667,824	\$502,000	\$667,824	\$502,000
3.78.0	CHT JFX OB:JonesFerry-Ptsboro	CHT	Express Bus	\$333,912	\$361,440	\$333,912	\$361,440	\$333,912	\$361,440	\$333,912	\$361,440	\$333,912	\$361,440
3.78.0	CHT JFX IB:Ptsboro-JonesFerry	CHT	Express Bus	\$333,912	\$361,440	\$333,912	\$361,440	\$333,912	\$361,440	\$333,912	\$361,440	\$333,912	\$361,440
3.92.0	CHT M OB:CrestCole-UnivMall	CHT	Local Bus	\$333,912	\$361,440	\$333,912	\$361,440	\$333,912	\$361,440	\$333,912	\$361,440	\$333,912	\$361,440
3.92.0	CHT M IB:UnivMall-CrestCole	CHT	Local Bus	\$333,912	\$361,440	\$333,912	\$361,440	\$333,912	\$361,440	\$333,912	\$361,440	\$333,912	\$361,440
3.91.0	CHT N OB:FamPrac-EstisPrkApt	CHT	Local Bus	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640
3.91.0	CHT N IB:EstisPrkApt-FamPrac	CHT	Local Bus	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640
3.79.0	CHT NS OB:Eubanks-SVillage	CHT	Local Bus	\$1,001,736	\$421,680	\$1,001,736	\$421,680	\$1,001,736	\$421,680	\$1,001,736	\$421,680	\$1,001,736	\$421,680
3.79.0	CHT NS IB:SVillage-Eubanks	CHT	Local Bus	\$1,001,736	\$421,680	\$1,001,736	\$421,680	\$1,001,736	\$421,680	\$1,001,736	\$421,680	\$1,001,736	\$421,680
3.81.0	CHT NUX OB: PRLot-UNCHosp	CHT	Express Bus	\$1,001,736	\$421,680	\$1,001,736	\$421,680	\$1,001,736	\$421,680	\$1,001,736	\$421,680	\$1,001,736	\$421,680
3.81.0	CHT NUX IB:UNCHosp-PR Lot	CHT	Express Bus	\$667,824	\$281,120	\$667,824	\$281,120	\$667,824	\$281,120	\$667,824	\$281,120	\$667,824	\$281,120
3.96.0	CHT S OB:HedrickBldg-UNCHosp	CHT	Local Bus	\$333,912	\$271,080	\$333,912	\$271,080	\$333,912	\$271,080	\$333,912	\$271,080	\$333,912	\$271,080
3.96.0	CHT S IB:UNCHosp-HedrickBldg	CHT	Local Bus	\$333,912	\$271,080	\$333,912	\$271,080	\$333,912	\$271,080	\$333,912	\$271,080	\$333,912	\$271,080
3.83.0	CHT T OB:ECHHghSch-UNCHosp	CHT	Local Bus	\$667,824	\$7,319,160	\$667,824	\$7,319,160	\$667,824	\$7,319,160	\$667,824	\$7,319,160	\$667,824	\$7,319,160
3.83.0	CHT T IB:UNCHosp-ECHHghSch	CHT	Local Bus	\$667,824	\$7,319,160	\$667,824	\$7,319,160	\$667,824	\$7,319,160	\$667,824	\$7,319,160	\$667,824	\$7,319,160
3.85.0	CHT U LP:clockwise loop	CHT	Local Bus	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640
3.87.0	CHT RU LP:counter clock loop	CHT	Local Bus	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640
3.89.0	CHT V OB:SVillage-Meadowmont	CHT	Local Bus	\$667,824	\$100,400	\$667,824	\$100,400	\$667,824	\$100,400	\$667,824	\$100,400	\$667,824	\$100,400
3.89.0	CHT V IB:Meadowmont-SVillage	CHT	Local Bus	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3.46.0	CHT Base 1 Carr N IB	CHT	Local Bus	\$1,335,648	\$823,280	\$1,335,648	\$823,280	\$1,335,648	\$823,280	\$1,335,648	\$823,280	\$1,335,648	\$823,280

Transit Preferred Options - Projects and Costs

Regional	Route Name	company	Local Bus Circulator Express Bus Guideway	R0 -bus focus		R2 -STAC-DMU		R3- Light Rail		R1 - Commuter Bus Total Operating Cost	
				Bus Capital Cost	Bus Total Operating Cost	Bus Capital Cost	Bus Total Operating Cost	Bus Capital Cost	Bus Total Operating Cost		
	Reg_ID Route Name	company	SrvctType	Bus Capital Cost	Bus Total Operating Cost	Bus Capital Cost	Bus Total Operating Cost	Bus Capital Cost	Bus Total Operating Cost	Bus Capital Cost	Bus Total Operating Cost
3.46.0	CHT Base 1 Carr N OB	CHT	Local Bus	\$1,001,736	\$682,720	\$1,001,736	\$682,720	\$1,001,736	\$682,720	\$1,001,736	\$682,720
3.17.0	CHT Base 11 S Orange IB	CHT	Express Bus	\$333,912	\$361,440	\$0	\$0	\$0	\$0	\$0	\$0
3.17.0	CHT Base 11 S Orange OB	CHT	Express Bus	\$333,912	\$361,440	\$0	\$0	\$0	\$0	\$0	\$0
3.44.0	CHT Base 13 Hills. Exp IB	CHT	Express Bus	\$1,669,560	\$1,144,560	\$0	\$0	\$0	\$0	\$0	\$0
3.44.0	CHT Base 13 Hills. Exp OB	CHT	Express Bus	\$1,669,560	\$1,144,560	\$0	\$0	\$0	\$0	\$0	\$0
3.42.0	CHT Base 2 New Hope Commons IB	CHT	Local Bus	\$333,912	\$271,080	\$333,912	\$271,080	\$333,912	\$271,080	\$333,912	\$271,080
3.42.0	CHT Base 2 New Hope Commons OB	CHT	Local Bus	\$333,912	\$271,080	\$333,912	\$271,080	\$333,912	\$271,080	\$333,912	\$271,080
3.50.0	CHT Base 3 Estes-Carboro IB	CHT	Local Bus	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640
3.50.0	CHT Base 3 Estes-Carboro OB	CHT	Local Bus	\$333,912	\$271,080	\$333,912	\$271,080	\$333,912	\$271,080	\$333,912	\$271,080
3.48.0	CHT Base 4 Laurel Hills IB	CHT	Local Bus	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640
3.48.0	CHT Base 4 Laurel Hills OB	CHT	Local Bus	\$333,912	\$271,080	\$333,912	\$271,080	\$333,912	\$271,080	\$333,912	\$271,080
3.40.0	CHT Base 8 UNC Exp IB	CHT	Express Bus	\$333,912	\$361,440	\$333,912	\$361,440	\$333,912	\$361,440	\$333,912	\$361,440
3.40.0	CHT Base 8 UNC Exp OB	CHT	Express Bus	\$333,912	\$361,440	\$333,912	\$361,440	\$333,912	\$361,440	\$333,912	\$361,440
3.38.0	CHT Base 9 Mason Farm Exp IB	CHT	Express Bus	\$333,912	\$361,440	\$333,912	\$361,440	\$333,912	\$361,440	\$333,912	\$361,440
3.38.0	CHT Base 9 Mason Farm Exp OB	CHT	Express Bus	\$333,912	\$361,440	\$333,912	\$361,440	\$333,912	\$361,440	\$333,912	\$361,440
3.15.0	CHT CARR 2 Feeder	CHT	Local Bus	\$667,824	\$10,120,320	\$667,824	\$10,120,320	\$667,824	\$10,120,320	\$667,824	\$10,120,320
3.14.0	CHT CH MODY	CHT	Local Bus	\$667,824	\$7,048,080	\$667,824	\$7,048,080	\$667,824	\$7,048,080	\$667,824	\$7,048,080
3.36.0	CHT Carr 1A Feeder	CHT	Local Bus	\$667,824	\$281,120	\$667,824	\$281,120	\$667,824	\$281,120	\$667,824	\$281,120
3.35.0	CHT Carr 1B Feeder	CHT	Local Bus	\$333,912	\$271,080	\$333,912	\$271,080	\$333,912	\$271,080	\$333,912	\$271,080
3.34.0	CHT EW Crosstown	CHT	Express Bus	\$667,824	\$502,000	\$0	\$0	\$0	\$0	\$0	\$0
3.9.0	CHT Eubanks Station 1A Feeder	CHT	Local Bus	\$0	\$0	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640
3.8.0	CHT Eubanks Station 1B Feeder	CHT	Local Bus	\$0	\$0	\$667,824	\$502,000	\$667,824	\$502,000	\$667,824	\$502,000
3.2-2.0	CHT Gateway Feeder 2	CHT	Local Bus	\$0	\$0	\$333,912	\$271,080	\$333,912	\$271,080	\$333,912	\$271,080
3.3-3.0	CHT Gateway Feeder 3	CHT	Local Bus	\$0	\$0	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640
3.7-1.0	CHT HW 1A Feeder	CHT	Local Bus	\$0	\$0	\$333,912	\$361,440	\$333,912	\$361,440	\$333,912	\$361,440
3.6-1.0	CHT HW 1B Feeder	CHT	Local Bus	\$0	\$0	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640
3.5-5.0	CHT HW 2A Feeder	CHT	Local Bus	\$0	\$0	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640
3.4-4.0	CHT HW 2B Feeder	CHT	Local Bus	\$0	\$0	\$333,912	\$361,440	\$333,912	\$361,440	\$333,912	\$361,440
3.32.0	CHT HW 3 Feeder	CHT	Local Bus	\$667,824	\$502,000	\$667,824	\$502,000	\$667,824	\$502,000	\$667,824	\$502,000
3.23.0	CHT MOD 1 OB	CHT	Local Bus	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640
3.23.0	CHT MOD 1 IB	CHT	Local Bus	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640
3.11.0	CHT MOD 10 XPS IB	CHT	Express Bus	\$667,824	\$502,000	\$667,824	\$502,000	\$667,824	\$502,000	\$667,824	\$502,000
3.11.0	CHT MOD 10 XPS OB	CHT	Express Bus	\$667,824	\$502,000	\$667,824	\$502,000	\$667,824	\$502,000	\$667,824	\$502,000
3.52.0	CHT MOD 20 Pitt. Exp IB	CHT	Express Bus	\$2,003,472	\$843,360	\$667,824	\$502,000	\$667,824	\$502,000	\$667,824	\$502,000
3.52.0	CHT MOD 20 Pitt. Exp OB	CHT	Express Bus	\$1,335,648	\$562,240	\$0	\$0	\$0	\$0	\$0	\$0
3.31.0	CHT MOD 21 IB	CHT	Local Bus	\$333,912	\$271,080	\$333,912	\$271,080	\$333,912	\$271,080	\$333,912	\$271,080
3.31.0	CHT MOD 21 OB	CHT	Local Bus	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640
3.29.0	CHT MOD 22 Exp IB	CHT	Express Bus	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640
3.29.0	CHT MOD 22 Exp OB	CHT	Express Bus	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640
3.19.0	CHT MOD 8 IB-1	CHT	Local Bus	\$1,335,648	\$823,280	\$1,335,648	\$823,280	\$1,335,648	\$823,280	\$1,335,648	\$823,280
3.19.0	CHT MOD 8 OB-1	CHT	Local Bus	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640
3.21.0	CHT MOD 8 IB-2	CHT	Express Bus	\$333,912	\$361,440	\$333,912	\$361,440	\$333,912	\$361,440	\$333,912	\$361,440
3.21.0	CHT MOD 8 OB-2	CHT	Express Bus	\$333,912	\$361,440	\$333,912	\$361,440	\$333,912	\$361,440	\$333,912	\$361,440

Transit Preferred Options - Projects and Costs

Regional	Route Name	company	Local Bus Circulator Express Bus Guideway	R0 -bus focus		R2 - STAC-DMU		R3 - Light Rail		R1 - Commuter	
				Bus Capital Cost	Bus Total Operating Cost	Bus Capital Cost	Bus Total Operating Cost	Bus Capital Cost	Bus Total Operating Cost	Bus Capital Cost	Bus Total Operating Cost
	Reg ID Route Name	company	Srvctype	Bus Capital Cost	Bus Total Operating Cost	Bus Capital Cost	Bus Total Operating Cost	Bus Capital Cost	Bus Total Operating Cost	Bus Capital Cost	Bus Total Operating Cost
3.27.0	CHT MODV IB	CHT	Local Bus	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640
3.27.0	CHT MODV OB	CHT	Local Bus	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640
3.25.0	CHT Meadowmont Feeder 2	CHT	Local Bus	\$0	\$0	\$333,912	\$361,440	\$333,912	\$361,440	\$333,912	\$361,440
3.24.0	CHT Meadowmont Feeder 3	CHT	Local Bus	\$0	\$0	\$333,912	\$271,080	\$333,912	\$271,080	\$333,912	\$271,080
3.13.0	CHT Meadowmont Feeder IB	CHT	Local Bus	\$0	\$0	\$333,912	\$361,440	\$333,912	\$361,440	\$333,912	\$361,440
3.13.0	CHT Meadowmont Feeder OB	CHT	Local Bus	\$0	\$0	\$667,824	\$502,000	\$667,824	\$502,000	\$667,824	\$502,000
3.1-1.0	CHT Gateway Feeder 1	CHT	Local Bus	\$0	\$0	\$333,912	\$361,440	\$333,912	\$361,440	\$333,912	\$361,440
3.97-1.0	CHT BRT-1 140-Rsmry-UNC IB	CHT	BRT Guideway	\$0	\$0	\$1,605,333	\$863,440	\$1,605,333	\$863,440	\$1,605,333	\$863,440
3.97-1.0	CHT BRT-1 140-Rsmry-UNC OB	CHT	BRT Guideway	\$0	\$0	\$1,605,333	\$863,440	\$1,605,333	\$863,440	\$1,605,333	\$863,440
3.99-1.0	CHT BRT-3A 140-US15-UNC IB	CHT	BRT Guideway	\$0	\$0	\$1,070,222	\$502,000	\$1,070,222	\$502,000	\$1,070,222	\$502,000
3.99-1.0	CHT BRT-3A 140-US15-UNC OB	CHT	BRT Guideway	\$0	\$0	\$1,070,222	\$502,000	\$1,070,222	\$502,000	\$1,070,222	\$502,000
3.101-1.0	CHT BRT-3B 140-Eizbth-UNC IB	CHT	BRT Guideway	\$0	\$0	\$1,605,333	\$863,440	\$1,605,333	\$863,440	\$1,605,333	\$863,440
3.101-1.0	CHT BRT-3B 140-Eizbth-UNC OB	CHT	BRT Guideway	\$0	\$0	\$1,605,333	\$863,440	\$1,605,333	\$863,440	\$1,605,333	\$863,440
3.103-1.0	CHT BRT-3C 140-Carolina N IB	CHT	BRT Guideway	\$0	\$0	\$1,605,333	\$642,560	\$1,605,333	\$642,560	\$1,605,333	\$642,560
3.103-1.0	CHT BRT-3C 140-Carolina N OB	CHT	BRT Guideway	\$0	\$0	\$1,605,333	\$642,560	\$1,605,333	\$642,560	\$1,605,333	\$642,560
3.105-1.0	CHT BRT-5 140 to UNC IB	CHT	BRT Guideway	\$0	\$0	\$1,070,222	\$502,000	\$1,070,222	\$502,000	\$1,070,222	\$502,000
3.105-1.0	CHT BRT-5 140 to UNC OB	CHT	BRT Guideway	\$0	\$0	\$1,070,222	\$502,000	\$1,070,222	\$502,000	\$1,070,222	\$502,000
3.107-1.0	CHT BRT-6 from Carolina N IB	CHT	Express Bus	\$0	\$0	\$1,001,736	\$642,560	\$1,001,736	\$642,560	\$1,001,736	\$642,560
3.107-1.0	CHT BRT-6 from Carolina N OB	CHT	Express Bus	\$0	\$0	\$667,824	\$502,000	\$667,824	\$502,000	\$667,824	\$502,000
3.109-1.0	CHT BRT-7a from Carolina N IB	CHT	Express Bus	\$0	\$0	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640
3.109-1.0	CHT BRT-7a from Carolina N OB	CHT	Express Bus	\$0	\$0	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640
3.110-1.0	CHT BRT-7 to UNC IB	CHT	Express Bus	\$0	\$0	\$1,001,736	\$552,200	\$1,001,736	\$552,200	\$1,001,736	\$552,200
3.110-1.0	CHT BRT-7 from UNC OB	CHT	Express Bus	\$0	\$0	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640
3.113-1.0	CHT BRT-8 from UNC OB	CHT	Express Bus	\$0	\$0	\$333,912	\$361,440	\$333,912	\$361,440	\$333,912	\$361,440
3.115-1.0	CHT BRT-8a from Carolina N IB	CHT	Express Bus	\$0	\$0	\$333,912	\$271,080	\$333,912	\$271,080	\$333,912	\$271,080
3.115-1.0	CHT BRT-8a from Carolina N OB	CHT	Express Bus	\$0	\$0	\$333,912	\$271,080	\$333,912	\$271,080	\$333,912	\$271,080
4.64.0	DATA 1-3:Hillndal-Guess-Mdnd	DATA	Local Bus	\$1,669,560	\$8,433,600	\$1,669,560	\$702,800	\$1,669,560	\$702,800	\$1,669,560	\$7,730,800
4.64.0	DATA 3-1:Mdnd-Guess-Hillndal	DATA	Local Bus	\$2,003,472	\$10,120,320	\$2,003,472	\$14,337,120	\$2,003,472	\$843,360	\$2,003,472	\$9,237,960
4.90.0	DATA 1-3:Hillndal-Point-Mdnd	DATA	Local Bus	\$1,669,560	\$8,433,600	\$1,669,560	\$18,604,120	\$1,669,560	\$1,094,360	\$1,669,560	\$12,037,960
4.90.0	DATA 3-1:Mdnd-Point-Hillndal	DATA	Local Bus	\$2,003,472	\$9,276,960	\$2,003,472	\$20,993,640	\$2,003,472	\$1,234,920	\$2,003,472	\$13,584,120
4.73.0	DATA 4-2:Horton-Angier	DATA	Local Bus	\$667,824	\$3,092,320	\$333,912	\$4,608,360	\$1,335,648	\$823,280	\$333,912	\$2,981,880
4.73.0	DATA 2-4:Angier-Horton	DATA	Local Bus	\$667,824	\$3,092,320	\$333,912	\$4,608,360	\$1,335,648	\$823,280	\$333,912	\$2,981,880
4.92.0	DATA 6-5:Cnsstitutn-Crnw-Emrld	DATA	Local Bus	\$1,001,736	\$4,638,480	\$667,824	\$6,997,880	\$1,669,560	\$963,840	\$667,824	\$11,114,280
4.92.0	DATA 5-6:Emrld-Crnw-Cnsstitutn	DATA	Local Bus	\$1,001,736	\$4,638,480	\$667,824	\$9,216,720	\$1,669,560	\$1,094,360	\$667,824	\$14,638,320
4.80.0	DATA 5-6:Emerald-HV-Cameron	DATA	Local Bus	\$1,001,736	\$5,060,160	\$667,824	\$3,092,320	\$1,669,560	\$702,800	\$667,824	\$281,120
4.84.0	DATA 7 OB:Downtown-Southpoint	DATA	Local Bus	\$1,335,648	\$9,879,360	\$2,003,472	\$9,276,960	\$2,003,472	\$20,993,640	\$2,003,472	\$1,234,920
4.84.0	DATA 7 IB:Southpoint-Downtown	DATA	Local Bus	\$1,335,648	\$9,879,360	\$2,003,472	\$9,276,960	\$2,003,472	\$20,993,640	\$2,003,472	\$1,234,920
4.91.0	DATA 8-10:DrhmTech-NewHopeCmn	DATA	Local Bus	\$1,335,648	\$9,879,360	\$2,003,472	\$9,276,960	\$2,003,472	\$1,234,920	\$2,003,472	\$1,234,920
4.91.0	DATA 10-8:NewHopeCmn-DrhmTech	DATA	Local Bus	\$1,669,560	\$13,132,320	\$2,337,384	\$2,337,384	\$2,337,384	\$1,506,000	\$2,337,384	\$1,506,000
4.78.0	DATA 8-10:DrhmTech-Woodcroft	DATA	Local Bus	\$1,335,648	\$9,879,360	\$2,003,472	\$9,276,960	\$2,003,472	\$1,234,920	\$2,003,472	\$1,234,920
4.78.0	DATA 10-8:Woodcroft-DrhmTech	DATA	Local Bus	\$1,669,560	\$13,132,320	\$2,337,384	\$10,823,120	\$2,337,384	\$1,506,000	\$2,337,384	\$1,506,000

Transit Preferred Options - Projects and Costs

Regional	Route Name		company	Local Bus Circulator Express Bus Guideway	R0 - bus focus		R2 - STAC-DMU		R3 - Light Rail		R1 - Commuter		R1 - Commuter Bus Total Operating Cost
	Reg. ID	Route Name			Bus Capital Cost	Bus Total Operating Cost	Bus Capital Cost	Bus Total Operating Cost	Bus Capital Cost	Bus Total Operating Cost	Bus Capital Cost	Bus Total Operating Cost	
	4.76.0	DATA 9-11:DRHosp-Bennett	DATA	Local Bus	\$1,335,648	\$9,879,360	\$2,003,472	\$14,337,120	\$2,003,472	\$1,234,920	\$2,003,472	\$2,003,472	\$1,234,920
	4.76.0	DATA 11-9:Bennett-DRHosp	DATA	Local Bus	\$1,335,648	\$9,879,360	\$2,003,472	\$14,337,120	\$2,003,472	\$1,234,920	\$2,003,472	\$2,003,472	\$1,234,920
	4.83.0	DATA 12 OB:Downtown-TTA Term	DATA	Local Bus	\$1,001,736	\$10,361,280	\$1,335,648	\$9,558,080	\$1,335,648	\$11,044,000	\$1,335,648	\$1,335,648	\$1,004,000
	4.83.0	DATA 12 IB:TTA Term-Downtown	DATA	Local Bus	\$1,001,736	\$10,361,280	\$1,335,648	\$9,558,080	\$1,335,648	\$11,044,000	\$1,335,648	\$1,335,648	\$1,004,000
	4.65.0	DATA 13 OB:Brichwood-Fayette	DATA	Local Bus	\$1,001,736	\$5,060,160	\$1,001,736	\$7,168,560	\$1,001,736	\$4,638,480	\$1,001,736	\$1,001,736	\$421,680
	4.65.0	DATA 13 IB:Fayette-Birchwood	DATA	Local Bus	\$667,824	\$3,373,440	\$667,824	\$4,779,040	\$667,824	\$3,092,320	\$667,824	\$667,824	\$281,120
	4.69.0	DATA 14 LP:NCCUShuttle	DATA	Local Bus	\$333,912	\$1,686,720	\$333,912	\$2,389,520	\$333,912	\$1,546,160	\$333,912	\$333,912	\$140,560
	4.75.0	DATA 15 OB:Din-BrierCreek	DATA	Local Bus	\$333,912	\$361,440	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	4.75.0	DATA 15 IB:BrierCreek-Din	DATA	Local Bus	\$333,912	\$361,440	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	4.86.0	DATA 16 IB:MineralSprng-Dtn	DATA	Local Bus	\$1,001,736	\$421,680	\$1,001,736	\$15,702,560	\$1,001,736	\$682,720	\$1,001,736	\$1,001,736	\$682,720
	4.86.0	DATA 16 OB:Din-MineralSprng	DATA	Local Bus	\$1,001,736	\$421,680	\$1,001,736	\$15,702,560	\$1,001,736	\$682,720	\$1,001,736	\$1,001,736	\$682,720
	4.70.0	DATA 17 IB:Treyburn-Horton	DATA	Local Bus	\$1,335,648	\$7,590,240	\$667,824	\$3,795,120	\$667,824	\$843,360	\$667,824	\$667,824	\$3,795,120
	4.70.0	DATA 17 OB:Horton-Treyburn	DATA	Local Bus	\$2,003,472	\$11,385,360	\$667,824	\$3,795,120	\$1,335,648	\$1,686,720	\$667,824	\$667,824	\$3,795,120
	4.59.0	DATA 12X DTT-EPA OB	DATA	Express Bus	\$1,335,648	\$1,004,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	4.59.0	DATA 12X DTT-EPA IB	DATA	Express Bus	\$1,669,560	\$1,144,560	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	4.25.0	DATA 15 Willowdale OB	DATA	Local Bus	\$1,335,648	\$823,280	\$1,335,648	\$17,288,880	\$1,335,648	\$823,280	\$1,335,648	\$1,335,648	\$823,280
	4.25.0	DATA 15 Willowdale IB	DATA	Local Bus	\$1,335,648	\$823,280	\$1,335,648	\$17,288,880	\$1,335,648	\$823,280	\$1,335,648	\$1,335,648	\$823,280
	4.12.0	DATA 17 Feeder Eno Loop	DATA	Local Bus	\$0	\$0	\$667,824	\$6,997,880	\$333,912	\$361,440	\$333,912	\$333,912	\$361,440
	4.14.0	DATA 17 Feeder IB	DATA	Local Bus	\$0	\$0	\$667,824	\$6,997,880	\$333,912	\$271,080	\$333,912	\$333,912	\$271,080
	4.14.0	DATA 17 Feeder OB	DATA	Local Bus	\$0	\$0	\$667,824	\$6,997,880	\$333,912	\$271,080	\$333,912	\$333,912	\$271,080
	4.37.0	DATA 17 Horton-Davinci NWB	DATA	Local Bus	\$1,001,736	\$2,530,080	\$333,912	\$3,654,560	\$333,912	\$7,048,080	\$333,912	\$333,912	\$7,048,080
	4.37.0	DATA 17 Horton-Davinci SEB	DATA	Local Bus	\$1,001,736	\$2,530,080	\$333,912	\$3,654,560	\$333,912	\$7,048,080	\$333,912	\$333,912	\$7,048,080
	4.30.0	DATA 17 Roxboro-Davinci NIB	DATA	Local Bus	\$667,824	\$502,000	\$667,824	\$281,120	\$667,824	\$502,000	\$667,824	\$667,824	\$502,000
	4.30.0	DATA 17 Roxboro-Davinci SB	DATA	Local Bus	\$667,824	\$502,000	\$667,824	\$281,120	\$667,824	\$502,000	\$667,824	\$667,824	\$502,000
	4.58.0	DATA 18 Feeder IB	DATA	Local Bus	\$0	\$0	\$667,824	\$4,528,040	\$667,824	\$4,528,040	\$667,824	\$667,824	\$411,640
	4.58.0	DATA 18 Feeder OB	DATA	Local Bus	\$0	\$0	\$667,824	\$4,528,040	\$667,824	\$4,528,040	\$667,824	\$667,824	\$411,640
	4.56.0	DATA 19 Feeder IB	DATA	Local Bus	\$0	\$0	\$1,335,648	\$9,056,080	\$1,335,648	\$9,056,080	\$1,335,648	\$1,335,648	\$271,080
	4.56.0	DATA 19 Feeder OB	DATA	Local Bus	\$0	\$0	\$1,335,648	\$9,056,080	\$1,335,648	\$9,056,080	\$1,335,648	\$1,335,648	\$271,080
	4.24.0	DATA 20 Ngate-RTP OB	DATA	Local Bus	\$2,003,472	\$7,409,520	\$1,335,648	\$823,280	\$1,335,648	\$823,280	\$1,335,648	\$1,335,648	\$823,280
	4.24.0	DATA 20 Ngate-RTP IB	DATA	Local Bus	\$2,337,384	\$8,252,880	\$1,669,560	\$963,840	\$1,669,560	\$963,840	\$1,669,560	\$1,669,560	\$963,840
	4.27.0	DATA 20 UniDr-RTP OB	DATA	Local Bus	\$2,003,472	\$1,234,920	\$333,912	\$271,080	\$333,912	\$823,280	\$333,912	\$333,912	\$271,080
	4.27.0	DATA 20 UniDr-RTP IB	DATA	Local Bus	\$2,003,472	\$1,234,920	\$333,912	\$271,080	\$333,912	\$823,280	\$333,912	\$333,912	\$271,080
	4.40.0	DATA 21 Ngate-Spoint IB	DATA	Local Bus	\$1,335,648	\$562,240	\$667,824	\$281,120	\$667,824	\$281,120	\$667,824	\$667,824	\$281,120
	4.40.0	DATA 21 Ngate-Spoint OB	DATA	Local Bus	\$1,335,648	\$562,240	\$667,824	\$281,120	\$667,824	\$281,120	\$667,824	\$667,824	\$281,120
	4.22.0	DATA 25 DurReg-DukeMed OB	DATA	Local Bus	\$667,824	\$281,120	\$333,912	\$140,560	\$333,912	\$140,560	\$333,912	\$333,912	\$140,560
	4.22.0	DATA 25 DurReg-DukeMed IB	DATA	Local Bus	\$667,824	\$281,120	\$333,912	\$140,560	\$333,912	\$140,560	\$333,912	\$333,912	\$140,560
	4.19.0	DATA 27 Ngate-RTP W OB	DATA	Local Bus	\$2,337,384	\$983,920	\$1,669,560	\$702,800	\$1,669,560	\$702,800	\$1,669,560	\$1,669,560	\$702,800
	4.19.0	DATA 27 Ngate-RTP W IB	DATA	Local Bus	\$2,337,384	\$983,920	\$1,669,560	\$702,800	\$1,669,560	\$702,800	\$1,669,560	\$1,669,560	\$702,800
	4.17.0	DATA 28 RTP E OB	DATA	Local Bus	\$1,669,560	\$682,720	\$1,001,736	\$682,720	\$1,001,736	\$682,720	\$1,001,736	\$1,001,736	\$682,720
	4.17.0	DATA 28 RTP E IB	DATA	Local Bus	\$1,669,560	\$682,720	\$1,001,736	\$682,720	\$1,001,736	\$682,720	\$1,001,736	\$1,001,736	\$682,720
	4.15.0	DATA 30 Duke Hospital OB	DATA	Local Bus	\$1,001,736	\$4,638,480	\$667,824	\$281,120	\$667,824	\$281,120	\$667,824	\$667,824	\$281,120
	4.15.0	DATA 30 Duke Hospital IB	DATA	Local Bus	\$1,001,736	\$4,638,480	\$667,824	\$281,120	\$667,824	\$281,120	\$667,824	\$667,824	\$281,120
	4.61.0	DATA 7SP Southpoint Mall OB	DATA	Local Bus	\$2,003,472	\$9,276,960	\$2,003,472	\$1,506,000	\$2,003,472	\$1,506,000	\$2,003,472	\$2,003,472	\$1,506,000

Transit Preferred Options - Projects and Costs

Regional	Route Name	company	Local Bus Circulator Express Bus Guideway	R0 -bus focus		R0 -bus focus		R2 - STAC-DMU		R3- Light Rail		R1 - Commuter	
				Bus Capital Cost	Bus Total Operating Cost	Bus Capital Cost	Bus Total Operating Cost	Bus Capital Cost	Bus Total Operating Cost	Bus Capital Cost	Bus Total Operating Cost		
	Reg_ID Route_Name	company	Srvctype	Bus Capital Cost	Bus Total Operating Cost	Bus Capital Cost	Bus Total Operating Cost	Bus Capital Cost	Bus Total Operating Cost	Bus Capital Cost	Bus Total Operating Cost	Bus Capital Cost	Bus Total Operating Cost
4.61.0	DATA 7SP Southpoint Mall IB	DATA	Local Bus	\$2,671,296	\$12,369,280	\$2,671,296	\$2,008,000	\$2,671,296	\$2,008,000	\$2,671,296	\$2,008,000	\$2,671,296	\$2,008,000
4.35.0	DATA Bethesda NB	DATA	Local Bus	\$667,824	\$3,092,320	\$667,824	\$3,514,000	\$667,824	\$7,028,000	\$667,824	\$7,028,000	\$667,824	\$3,514,000
4.35.0	DATA Bethesda SB	DATA	Local Bus	\$667,824	\$3,092,320	\$667,824	\$3,514,000	\$667,824	\$7,028,000	\$667,824	\$7,028,000	\$667,824	\$3,514,000
4.47.0	DATA Dtech-Snow IB	DATA	Local Bus	\$1,669,560	\$963,840	\$1,669,560	\$552,200	\$1,001,736	\$552,200	\$1,001,736	\$552,200	\$1,001,736	\$552,200
4.47.0	DATA Dtech-Snow OB	DATA	Local Bus	\$1,669,560	\$1,094,360	\$1,669,560	\$682,720	\$1,001,736	\$682,720	\$1,001,736	\$682,720	\$1,001,736	\$682,720
4.51.0	DATA Dtown Terminal Feeder IB	DATA	Local Bus	\$667,824	\$411,640	\$667,824	\$411,640	\$333,912	\$271,080	\$333,912	\$271,080	\$333,912	\$271,080
4.51.0	DATA Dtown Terminal Feeder OB	DATA	Local Bus	\$667,824	\$411,640	\$667,824	\$411,640	\$333,912	\$271,080	\$333,912	\$271,080	\$333,912	\$271,080
4.49.0	DATA Dtown Terminal Shuttle IB	DATA	Local Bus	\$1,335,648	\$5,822,400	\$1,335,648	\$3,514,000	\$667,824	\$7,028,000	\$1,335,648	\$7,028,000	\$1,335,648	\$7,028,000
4.49.0	DATA Dtown Terminal Shuttle OB	DATA	Local Bus	\$1,335,648	\$5,822,400	\$1,335,648	\$3,514,000	\$667,824	\$7,028,000	\$1,335,648	\$7,028,000	\$1,335,648	\$7,028,000
4.31.0	DATA Durham XT NWB	DATA	Local Bus	\$1,001,736	\$421,680	\$1,001,736	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640
4.31.0	DATA Durham XT SEB	DATA	Local Bus	\$1,335,648	\$562,240	\$1,335,648	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640
4.53.0	DATA EPA IB	DATA	Express Bus	\$1,001,736	\$421,680	\$1,001,736	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4.53.0	DATA EPA OB	DATA	Express Bus	\$1,001,736	\$421,680	\$1,001,736	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4.42.0	DATA Holway/The Village IB	DATA	Local Bus	\$1,001,736	\$682,720	\$1,001,736	\$682,720	\$1,001,736	\$682,720	\$1,001,736	\$682,720	\$1,001,736	\$682,720
4.42.0	DATA Holway/The Village OB	DATA	Local Bus	\$1,001,736	\$682,720	\$1,001,736	\$682,720	\$1,001,736	\$682,720	\$1,001,736	\$682,720	\$1,001,736	\$682,720
4.6.0	DATA Joyner-Club-Duke IB	DATA	Local Bus	\$1,001,736	\$421,680	\$1,001,736	\$421,680	\$1,001,736	\$421,680	\$1,001,736	\$421,680	\$1,001,736	\$421,680
4.6.0	DATA Joyner-Club-Duke OB	DATA	Local Bus	\$1,001,736	\$421,680	\$1,001,736	\$421,680	\$1,001,736	\$421,680	\$1,001,736	\$421,680	\$1,001,736	\$421,680
4.93.0	DATA L1 NDP: Carver to RDU NB	DATA	Local Bus	\$2,003,472	\$843,360	\$2,003,472	\$843,360	\$2,003,472	\$843,360	\$2,003,472	\$843,360	\$2,003,472	\$843,360
4.93.0	DATA L1 NDP: Carver to RDU SB	DATA	Local Bus	\$2,003,472	\$843,360	\$2,003,472	\$843,360	\$2,003,472	\$843,360	\$2,003,472	\$843,360	\$2,003,472	\$843,360
4.95.0	DATA L2 Cornwallis-Brier Crk EB	DATA	Local Bus	\$1,669,560	\$702,800	\$1,669,560	\$702,800	\$1,669,560	\$702,800	\$1,669,560	\$702,800	\$1,669,560	\$702,800
4.95.0	DATA L2 Cornwallis-Brier Crk WB	DATA	Local Bus	\$1,669,560	\$702,800	\$1,669,560	\$702,800	\$1,669,560	\$702,800	\$1,669,560	\$702,800	\$1,669,560	\$702,800
4.97.0	DATA L3 Cornwallis-Miami EB	DATA	Local Bus	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640
4.97.0	DATA L3 Cornwallis-Miami WB	DATA	Local Bus	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640
4.99.0	DATA L4 W Cornwallis-SP Mail NB	DATA	Local Bus	\$1,001,736	\$421,680	\$1,001,736	\$421,680	\$1,001,736	\$421,680	\$1,001,736	\$421,680	\$1,001,736	\$421,680
4.99.0	DATA L4 W Cornwallis-SP Mail SB	DATA	Local Bus	\$1,001,736	\$421,680	\$1,001,736	\$421,680	\$1,001,736	\$421,680	\$1,001,736	\$421,680	\$1,001,736	\$421,680
4.101.0	DATA L5 Mt Moriah-NC 54 EB	DATA	Local Bus	\$1,335,648	\$823,280	\$1,335,648	\$823,280	\$1,335,648	\$823,280	\$1,335,648	\$823,280	\$1,335,648	\$823,280
4.101.0	DATA L5 Mt Moriah-NC 54 WB	DATA	Local Bus	\$1,335,648	\$823,280	\$1,335,648	\$823,280	\$1,335,648	\$823,280	\$1,335,648	\$823,280	\$1,335,648	\$823,280
4.103.0	DATA L6 Morehead-Cornwallis NB	DATA	Local Bus	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640
4.103.0	DATA L6 Morehead-Cornwallis SB	DATA	Local Bus	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640
4.105.0	DATA L7 Avondale-Chpl Hill St EB	DATA	Local Bus	\$333,912	\$271,080	\$333,912	\$271,080	\$333,912	\$271,080	\$333,912	\$271,080	\$333,912	\$271,080
4.105.0	DATA L7 Avondale-Chpl Hill St WB	DATA	Local Bus	\$333,912	\$271,080	\$333,912	\$271,080	\$333,912	\$271,080	\$333,912	\$271,080	\$333,912	\$271,080
4.107.0	DATA L8 Hillisbor N-Hillisbor S NB	DATA	Local Bus	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640
4.107.0	DATA L8 Hillisbor N-Hillisbor S SB	DATA	Local Bus	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640
4.109.0	DATA L9 Renaissance-Hopson EB	DATA	Local Bus	\$1,335,648	\$823,280	\$1,335,648	\$823,280	\$1,335,648	\$823,280	\$1,335,648	\$823,280	\$1,335,648	\$823,280
4.109.0	DATA L9 Renaissance-Hopson WB	DATA	Local Bus	\$1,001,736	\$682,720	\$1,001,736	\$682,720	\$1,001,736	\$682,720	\$1,001,736	\$682,720	\$1,001,736	\$682,720
4.4.0	DATA Meridian Pkwy circulator IB	DATA	Local Bus	\$0	\$0	\$1,001,736	\$2,530,080	\$1,001,736	\$421,680	\$1,001,736	\$421,680	\$1,001,736	\$421,680
4.4.0	DATA Meridian Pkwy circulator OB	DATA	Local Bus	\$0	\$0	\$1,001,736	\$2,530,080	\$1,001,736	\$421,680	\$1,001,736	\$421,680	\$1,001,736	\$421,680
4.46.0	DATA NC98 - US70 - Miami IB	DATA	Local Bus	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640
4.46.0	DATA NC98 - US70 - Miami OB	DATA	Local Bus	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640
4.43.0	DATA Riddle Station Feeder IB	DATA	Local Bus	\$0	\$0	\$1,001,736	\$2,530,080	\$1,001,736	\$421,680	\$1,001,736	\$421,680	\$1,001,736	\$421,680
4.43.0	DATA Riddle Station Feeder OB	DATA	Local Bus	\$0	\$0	\$1,001,736	\$2,530,080	\$1,001,736	\$421,680	\$1,001,736	\$421,680	\$1,001,736	\$421,680
4.8.0	DATA S Square Feeder IB	DATA	Local Bus	\$0	\$0	\$667,824	\$2,469,840	\$667,824	\$281,120	\$667,824	\$281,120	\$667,824	\$281,120
4.8.0	DATA S Square Feeder OB	DATA	Local Bus	\$0	\$0	\$667,824	\$2,469,840	\$667,824	\$281,120	\$667,824	\$281,120	\$667,824	\$281,120



Transit Preferred Options - Projects and Costs

Regional	Route Name	company	Local Bus Circulator Express Bus Guideway	R0 - bus focus		R0 - bus focus		R2 - STAC-DMU		R2 - STAC-DMU		R3 - Light Rail		R3 - Light Rail		R1 - Commuter	
				Bus Capital Cost	Bus Total Operating Cost	Bus Capital Cost	Bus Total Operating Cost	Bus Capital Cost	Bus Total Operating Cost	Bus Capital Cost	Bus Total Operating Cost	Bus Capital Cost	Bus Total Operating Cost	Bus Capital Cost	Bus Total Operating Cost	Bus Capital Cost	Bus Total Operating Cost
	Reg_ID Route Name	company	Srvctype														
4.10.0	DATA S Square Shuttle IB	DATA	Local Bus	\$1,335,648	\$562,240	\$1,335,648	\$562,240	\$1,335,648	\$3,373,440	\$1,335,648	\$3,373,440	\$1,335,648	\$9,558,080	\$1,335,648	\$9,558,080	\$1,335,648	\$562,240
4.10.0	DATA S Square Shuttle OB	DATA	Local Bus	\$1,335,648	\$562,240	\$1,335,648	\$562,240	\$1,335,648	\$3,373,440	\$1,335,648	\$3,373,440	\$1,335,648	\$9,558,080	\$1,335,648	\$9,558,080	\$1,335,648	\$562,240
4.33.0	DATA Treyburn NB	DATA	Local Bus	\$1,335,648	\$562,240	\$1,335,648	\$562,240	\$1,335,648	\$3,373,440	\$1,335,648	\$3,373,440	\$1,335,648	\$9,558,080	\$1,335,648	\$9,558,080	\$1,335,648	\$562,240
4.33.0	DATA Treyburn SB	DATA	Local Bus	\$1,335,648	\$562,240	\$1,335,648	\$562,240	\$1,335,648	\$3,373,440	\$1,335,648	\$3,373,440	\$1,335,648	\$9,558,080	\$1,335,648	\$9,558,080	\$1,335,648	\$562,240
4.1.0	DATA Treyburn Station Feeder	DATA	Local Bus	\$0	\$0	\$0	\$0	\$2,003,472	\$7,409,520	\$2,003,472	\$7,409,520	\$2,003,472	\$1,234,920	\$2,003,472	\$1,234,920	\$2,003,472	\$1,234,920
4.2.0	DATA Woodcroft Feeder IB	DATA	Local Bus	\$0	\$0	\$0	\$0	\$667,824	\$2,469,840	\$667,824	\$2,469,840	\$667,824	\$6,997,380	\$667,824	\$6,997,380	\$667,824	\$411,640
4.2.0	DATA Woodcroft Feeder OB	DATA	Local Bus	\$0	\$0	\$0	\$0	\$667,824	\$2,469,840	\$667,824	\$2,469,840	\$667,824	\$6,997,380	\$667,824	\$6,997,380	\$667,824	\$411,640
1.27.0	DCHC B10a Durham-Capital Blvd	dchc	Express Bus	\$2,450,000	\$1,094,360	\$2,450,000	\$1,094,360	\$1,470,000	\$682,720	\$1,470,000	\$682,720	\$1,470,000	\$682,720	\$1,470,000	\$682,720	\$1,470,000	\$682,720
1.27.0	DCHC B10b Capital Blvd-Durham	dchc	Express Bus	\$4,900,000	\$1,797,160	\$4,900,000	\$1,797,160	\$2,450,000	\$963,840	\$2,450,000	\$963,840	\$2,450,000	\$963,840	\$2,450,000	\$963,840	\$2,450,000	\$963,840
1.28.1	DCHC B11a Duke to N Raleigh EB	dchc	Local Bus	\$1,335,648	\$823,280	\$1,335,648	\$823,280	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640
1.28.1	DCHC B11b N Raleigh to Duke WB	dchc	Local Bus	\$1,669,560	\$963,840	\$1,669,560	\$963,840	\$1,001,736	\$552,200	\$1,001,736	\$552,200	\$1,001,736	\$552,200	\$1,001,736	\$552,200	\$1,001,736	\$552,200
1.29.0	DCHC B12a Duke to W Wake fwy OB	dchc	Local Bus	\$667,824	\$411,640	\$667,824	\$411,640	\$333,912	\$271,080	\$333,912	\$271,080	\$333,912	\$271,080	\$333,912	\$271,080	\$333,912	\$271,080
1.29.0	DCHC B12b W Wake fwy to Duke IB	dchc	Local Bus	\$667,824	\$411,640	\$667,824	\$411,640	\$333,912	\$271,080	\$333,912	\$271,080	\$333,912	\$271,080	\$333,912	\$271,080	\$333,912	\$271,080
1.30.0	DCHC B13a Durham to Apex OB	dchc	Express Bus	\$3,430,000	\$1,506,000	\$3,430,000	\$1,506,000	\$1,960,000	\$823,280	\$1,960,000	\$823,280	\$1,960,000	\$823,280	\$1,960,000	\$823,280	\$1,960,000	\$823,280
1.30.0	DCHC B13b Apex to Durham IB	dchc	Express Bus	\$3,430,000	\$1,506,000	\$3,430,000	\$1,506,000	\$1,960,000	\$823,280	\$1,960,000	\$823,280	\$1,960,000	\$823,280	\$1,960,000	\$823,280	\$1,960,000	\$823,280
1.31.0	DCHC B14a W Wake pkwy to US70	dchc	Local Bus	\$1,335,648	\$823,280	\$1,335,648	\$823,280	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640
1.31.0	DCHC B14b US70 to W Wake pkwy	dchc	Local Bus	\$1,335,648	\$823,280	\$1,335,648	\$823,280	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640
1.32.1	DCHC B15a Southpoint to RDU	DATA	Local Bus	\$1,001,736	\$682,720	\$1,001,736	\$682,720	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640
1.32.1	DCHC B15b RDU to Southpoint	DATA	Local Bus	\$1,001,736	\$682,720	\$1,001,736	\$682,720	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640
1.18.1	DCHC B1a Durham to Roxboro NB	DATA	Express Bus	\$1,960,000	\$823,280	\$1,960,000	\$823,280	\$490,000	\$271,080	\$490,000	\$271,080	\$980,000	\$411,640	\$980,000	\$411,640	\$490,000	\$271,080
1.18.1	DCHC B1b Roxboro to Durham SB	DATA	Express Bus	\$1,960,000	\$823,280	\$1,960,000	\$823,280	\$490,000	\$271,080	\$490,000	\$271,080	\$980,000	\$411,640	\$980,000	\$411,640	\$490,000	\$271,080
1.19.1	DCHC B2a Durham-Butner OB	DATA	Express Bus	\$2,450,000	\$963,840	\$2,450,000	\$963,840	\$2,450,000	\$963,840	\$2,450,000	\$963,840	\$2,450,000	\$963,840	\$2,450,000	\$963,840	\$2,450,000	\$963,840
1.19.1	DCHC B2b Butner-Durham IB	DATA	Express Bus	\$2,450,000	\$963,840	\$2,450,000	\$963,840	\$2,450,000	\$963,840	\$2,450,000	\$963,840	\$2,450,000	\$963,840	\$2,450,000	\$963,840	\$2,450,000	\$963,840
1.20.1	DCHC B3a Duke-Mebane OB	DATA	Express Bus	\$5,390,000	\$2,329,280	\$5,390,000	\$2,329,280	\$5,390,000	\$2,329,280	\$5,390,000	\$2,329,280	\$5,390,000	\$2,329,280	\$5,390,000	\$2,329,280	\$5,390,000	\$2,329,280
1.20.1	DCHC B3b Mebane-Duke IB	DATA	Express Bus	\$5,390,000	\$2,329,280	\$5,390,000	\$2,329,280	\$5,390,000	\$2,329,280	\$5,390,000	\$2,329,280	\$5,390,000	\$2,329,280	\$5,390,000	\$2,329,280	\$5,390,000	\$2,329,280
1.21.1	DCHC B4a CH to Hillsborough OB	DATA	Express Bus	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640
1.21.1	DCHC B4b Hillsborough to CH IB	DATA	Express Bus	\$1,001,736	\$552,200	\$1,001,736	\$552,200	\$1,001,736	\$552,200	\$1,001,736	\$552,200	\$1,001,736	\$552,200	\$1,001,736	\$552,200	\$1,001,736	\$552,200
1.22.0	DCHC B5a RDU to Hillsborough OB	DATA	Express Bus	\$2,940,000	\$1,234,920	\$2,940,000	\$1,234,920	\$2,940,000	\$1,234,920	\$2,940,000	\$1,234,920	\$2,940,000	\$1,234,920	\$2,940,000	\$1,234,920	\$2,940,000	\$1,234,920
1.22.0	DCHC B5b Hillsborough to RDU IB	DATA	Express Bus	\$2,940,000	\$1,234,920	\$2,940,000	\$1,234,920	\$2,940,000	\$1,234,920	\$2,940,000	\$1,234,920	\$2,940,000	\$1,234,920	\$2,940,000	\$1,234,920	\$2,940,000	\$1,234,920
1.23.0	DCHC B6a CH to Alamance OB	DATA	Express Bus	\$1,001,736	\$863,440	\$1,001,736	\$863,440	\$1,001,736	\$863,440	\$1,001,736	\$863,440	\$1,001,736	\$863,440	\$1,001,736	\$863,440	\$1,001,736	\$863,440
1.23.0	DCHC B6b Alamance to CH IB	DATA	Express Bus	\$1,335,648	\$1,004,000	\$1,335,648	\$1,004,000	\$1,335,648	\$1,004,000	\$1,335,648	\$1,004,000	\$1,335,648	\$1,004,000	\$1,335,648	\$1,004,000	\$1,335,648	\$1,004,000
1.24.1	DCHC B7a CH to Alamance OB	DATA	Express Bus	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640
1.24.1	DCHC B7b Alamance to CH IB	DATA	Express Bus	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640
1.25.0	DCHC B8a UNC to Pittsboro SB	DATA	Local Bus	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640
1.25.0	DCHC B8b Pittsboro to UNC NB	DATA	Local Bus	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640	\$667,824	\$411,640
1.26.0	DCHC B9a CH to Old Farrington OB	DATA	Local Bus	\$1,001,736	\$552,200	\$1,001,736	\$552,200	\$1,001,736	\$552,200	\$1,001,736	\$552,200	\$1,001,736	\$552,200	\$1,001,736	\$552,200	\$1,001,736	\$552,200
1.26.0	DCHC B9b Old Farrington to CH IB	DATA	Local Bus	\$1,001,736	\$552,200	\$1,001,736	\$552,200	\$1,001,736	\$552,200	\$1,001,736	\$552,200	\$1,001,736	\$552,200	\$1,001,736	\$552,200	\$1,001,736	\$552,200
1.9.1	TT Butner-Durham OB	DATA	Express Bus	\$1,960,000	\$5,903,520	\$1,960,000	\$5,903,520	\$281,120	\$281,120	\$1,960,000	\$281,120	\$1,960,000	\$281,120	\$1,960,000	\$281,120	\$1,960,000	\$281,120
	<b>Total</b>			<b>\$239,659,816</b>	<b>\$441,679,680</b>	<b>\$239,659,816</b>	<b>\$441,679,680</b>	<b>\$230,906,222</b>	<b>\$578,304,000</b>	<b>\$230,906,222</b>	<b>\$578,304,000</b>	<b>\$241,569,670</b>	<b>\$366,269,240</b>	<b>\$230,906,222</b>	<b>\$366,269,240</b>	<b>\$229,236,662</b>	<b>\$301,511,240</b>
6.33.0	DUKE C1 OB:ECampus-WCampus	Duke	Local Bus	\$667,824	\$2,951,760	\$667,824	\$2,951,760	\$667,824	\$2,951,760	\$667,824	\$2,951,760	\$667,824	\$2,951,760	\$667,824	\$2,951,760	\$667,824	\$2,951,760
6.33.0	DUKE C1 IB:WCampus-ECampus	Duke	Local Bus	\$667,824	\$2,951,760	\$667,824	\$2,951,760	\$667,824	\$2,951,760	\$667,824	\$2,951,760	\$667,824	\$2,951,760	\$667,824	\$2,951,760	\$667,824	\$2,951,760
6.18.0	DUKE C2 OB:WCampus-ECampus	Duke	Local Bus	\$1,335,648	\$5,903,520	\$1,335,648	\$5,903,520	\$1,335,648	\$5,903,520	\$1,335,648	\$5,903,520	\$1,335,648	\$5,903,520	\$1,335,648	\$5,903,520	\$1,335,648	\$5,903,520
6.18.0	DUKE C2 IB:ECampus-WCampus	Duke	Local Bus	\$1,335,648	\$5,903,520	\$1,335,648	\$5,903,520	\$1,335,648	\$5,903,520	\$1,335,648	\$5,903,520	\$1,335,648	\$5,903,520	\$1,335,648	\$5,903,520	\$1,335,648	\$5,903,520



Transit Preferred Options - Projects and Costs

Regional	Route Name	company	Local Bus Circulator Express Bus Guideway	R0 -bus focus		R2 - STAC- DMU		R3- Light Rail		R1 - Commuter	
				Bus Capital Cost	Bus Total Operating Cost	Bus Capital Cost	Bus Total Operating Cost	Bus Capital Cost	Bus Total Operating Cost	Bus Capital Cost	Bus Total Operating Cost
	Reg_ID Route_Name	company	SvcType								
X.25.0	Durham Circulator SB	TBD	Local Bus	\$1,001,736	\$421,680	\$1,001,736	\$421,680	\$1,001,736	\$421,680	\$1,001,736	\$421,680
X.26.0	RTP Circulator CCW	TBD	Local Bus	\$1,001,736	\$682,720	\$1,001,736	\$682,720	\$1,001,736	\$682,720	\$1,001,736	\$682,720
X.26.0	RTP Circulator CW	TBD	Local Bus	\$1,001,736	\$682,720	\$1,001,736	\$682,720	\$1,001,736	\$682,720	\$1,001,736	\$682,720
X.28.0	TMC-RDU EB	TBD	Local Bus	\$667,824	\$502,000	\$667,824	\$502,000	\$667,824	\$502,000	\$667,824	\$502,000
X.28.0	TMC-RDU WB	TBD	Local Bus	\$667,824	\$502,000	\$667,824	\$502,000	\$667,824	\$502,000	\$667,824	\$502,000
X.4.0	UNC-CarolinaNorth NB	TBD	Local Bus	\$1,335,648	\$823,280	\$1,335,648	\$823,280	\$1,335,648	\$823,280	\$1,335,648	\$823,280
X.4.0	UNC-CarolinaNorth SB	TBD	Local Bus	\$1,335,648	\$823,280	\$1,335,648	\$823,280	\$1,335,648	\$823,280	\$1,335,648	\$823,280
X.9.0	Durham-NorthDurham NB	TBDe	Express Bus	\$2,450,000	\$702,800	\$2,450,000	\$702,800	\$2,450,000	\$702,800	\$2,450,000	\$702,800
X.9.0	Durham-NorthDurham SB	TBDe	Express Bus	\$2,450,000	\$702,800	\$2,450,000	\$702,800	\$2,450,000	\$702,800	\$2,450,000	\$702,800
X.18.0	Pittsboro-ChapelHill NB	TBDe	Express Bus	\$3,430,000	\$1,375,480	\$3,430,000	\$1,375,480	\$3,430,000	\$1,375,480	\$3,430,000	\$1,375,480
X.18.0	Pittsboro-ChapelHill SB	TBDe	Express Bus	\$2,450,000	\$1,094,360	\$2,450,000	\$1,094,360	\$2,450,000	\$1,094,360	\$2,450,000	\$1,094,360
X.19.0	TMC-ChapelHill(BRT) EB	TBDe	Express Bus	\$333,912	\$140,560	\$333,912	\$140,560	\$333,912	\$140,560	\$333,912	\$140,560
X.19.0	TMC-ChapelHill(BRT) WB	TBDe	Express Bus	\$333,912	\$140,560	\$333,912	\$140,560	\$333,912	\$140,560	\$333,912	\$140,560
				\$54,864,256	\$133,230,800	\$54,864,256	\$133,230,800	\$49,521,664	\$100,299,600	\$54,864,256	\$133,230,800
	<b>Total DCHC (minus duke/nccu)</b>			\$284,524,072	\$574,910,480	\$285,770,478	\$711,534,800	\$291,091,334	\$466,568,840	\$284,100,918	\$434,742,040

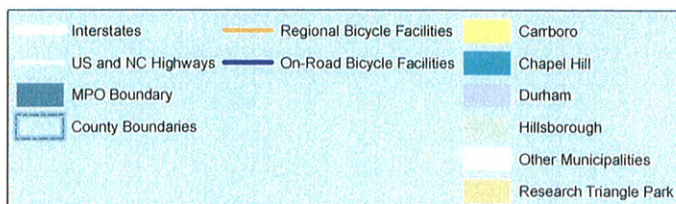
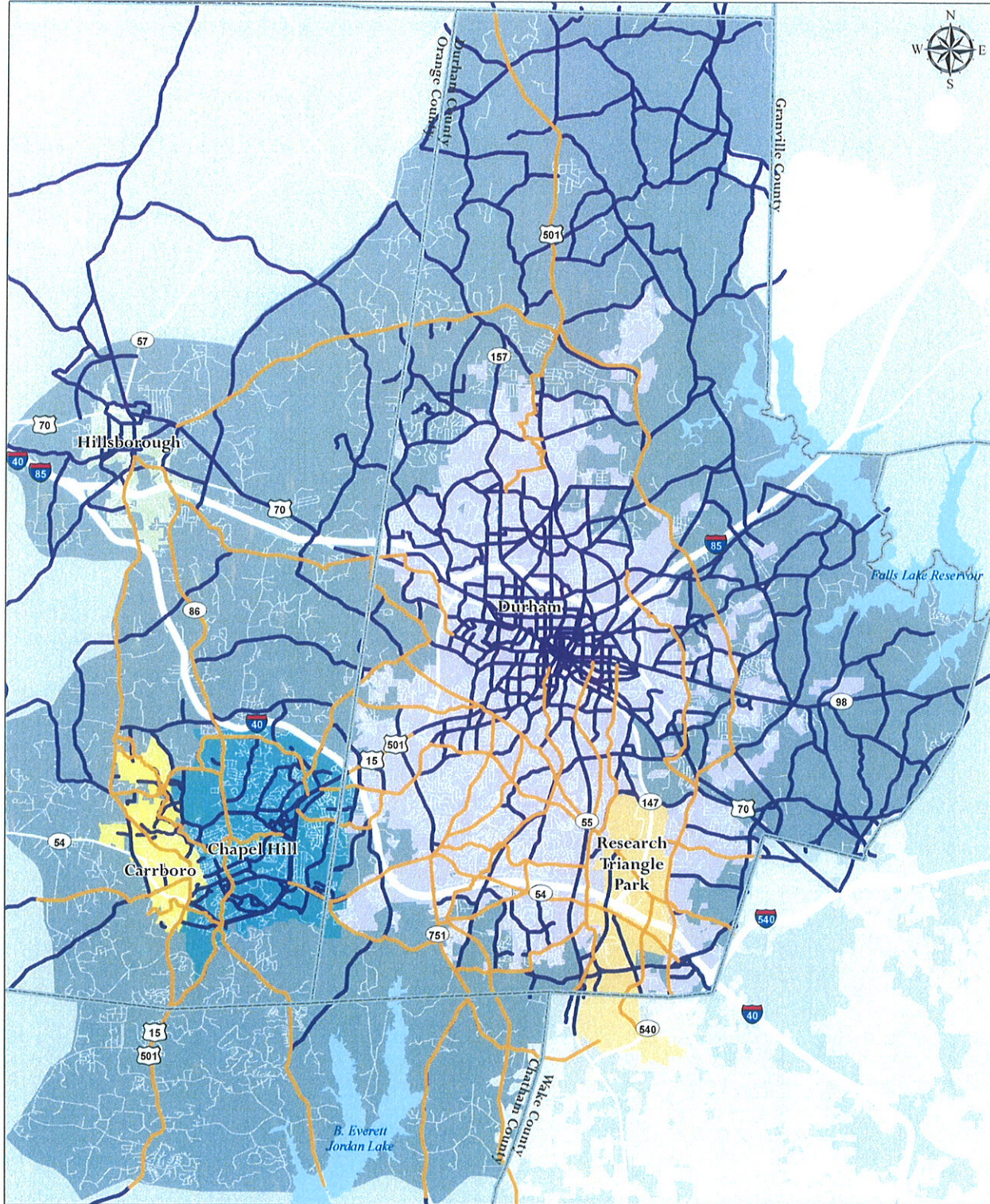
# **Transit Preferred Option (Rail-fixed guideway) – Projects and Maps**

# **Bicycle Preferred Option – Projects and Maps**

# DURHAM CHAPEL HILL CARRBORO METROPOLITAN PLANNING ORGANIZATION

10/22/08 Attachment 5

## On-Road Bicycle Facilities



Transportation  
**Plan 20 35**

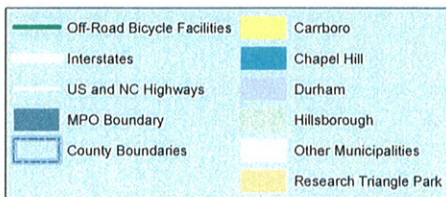
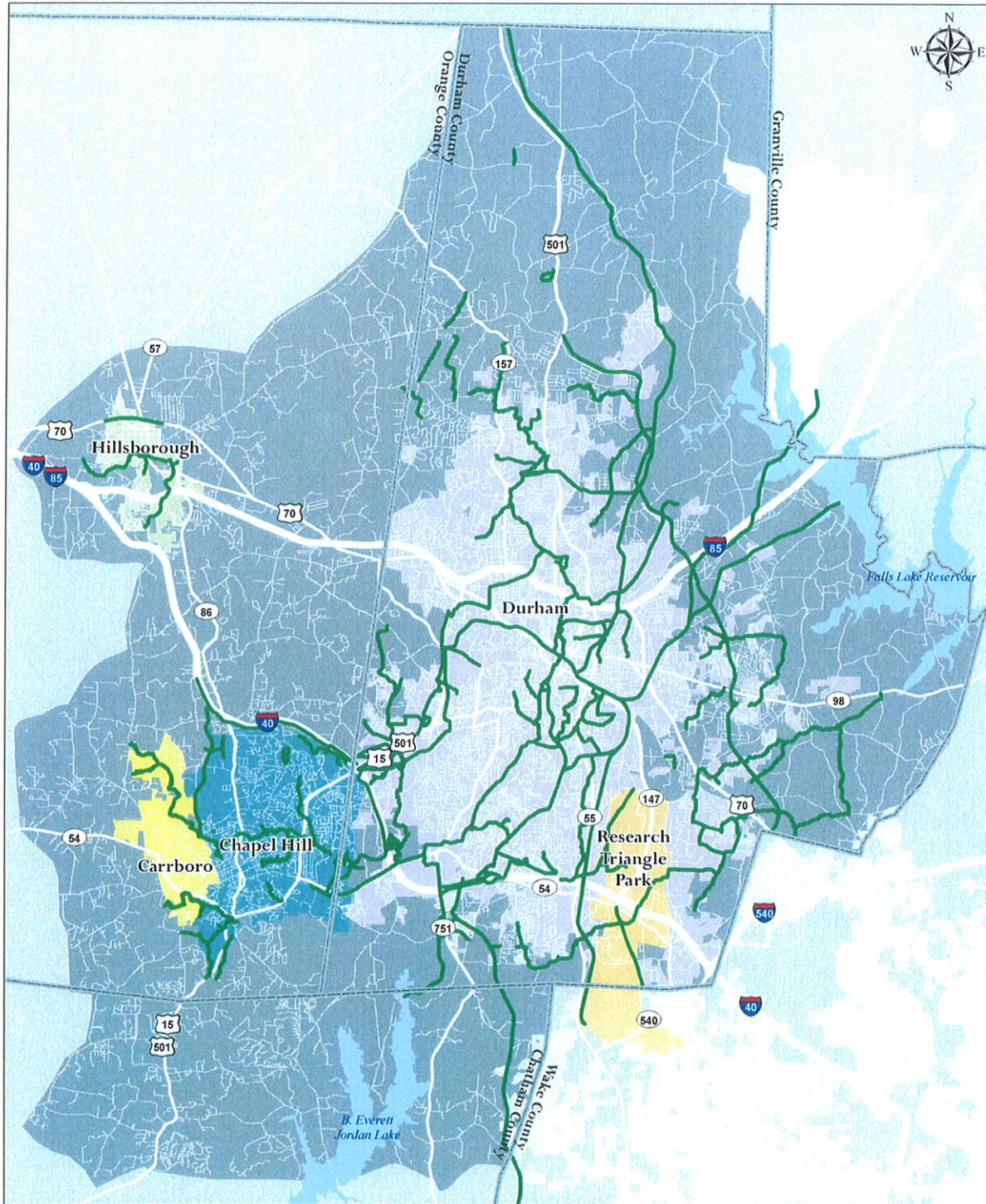
The Louis  
Berger Group, Inc.  
8.6.2008

0 0.5 1 2 Miles

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# DURHAM CHAPEL HILL CARRBORO METROPOLITAN PLANNING ORGANIZATION

## Off-Road Bicycle Facilities



Transportation  
Plan 2035

The Louis Berger Group, Inc.  
8.6.2008

0 1.25 2.5 5 Miles

Bicycle Element of the LRTP - Bike Preferred Option

2035 No.	Facility Description	Begin Segment (Limits from)	End Segment (Limits to)	Facility Type	County	Length	Municipality	2035 Total Cost
1	Academy Rd			Bicycle Lane	Durham	1.19	City/County	714,000
2	Academy Rd			Existing Bicycle Lane	Durham	0.51	City/County	0
3	Adcock Rd			Paved Shoulder	Durham	0.92	City/County	552,000
4	Airport Rd			Bicycle Lane	Durham	0.2	City/County	120,000
5	Albany St			Sharrows	Durham	0.21	City/County	546
6	Alston Ave			Bicycle Lane	Durham	10.8	City/County	6,480,000
7	Amber Pl			Sharrows	Durham	0.07	City/County	182
8	American Dr			Sharrows	Durham	1.86	City/County	4,836
9	American Tobacco Trail	NC 54	Chatham County line	Multi-Use Path	Durham	4	City/County	4,753,000
10	Anderson St			Restripe Bicycle Lane	Durham	1.76	City/County	4,576
11	Andrews Chapel Rd			Paved Shoulder	Durham	1.23	City/County	738,000
12	Angier Ave			Bicycle Lane	Durham	5.71	City/County	3,426,000
13	Apex St			Sharrows	Durham	0.1	City/County	260
14	Archdale Dr			Bicycle Lane	Durham	0.52	City/County	312,000
15	Avondale Dr			Bicycle Lane	Durham	1.06	City/County	636,000
16	Bacon Rd			Paved Shoulder	Durham	1.8	City/County	1,080,000
17	Bacon St			Bicycle Lane	Durham	1.13	City/County	678,000
18	Bahama Rd			Paved Shoulder	Durham	9.35	City/County	5,610,000
19	Bell Rd			Paved Shoulder	Durham	2.38	City/County	1,428,000
20	Baptist Rd			Paved Shoulder	Durham	4.07	City/County	2,442,000
21	Barbee Chapel Rd			Bicycle Lane	Durham	1.75	City/County	1,050,000
22	Barbee Rd			Bicycle Lane	Durham	2.84	City/County	1,704,000
23	Bennett Memorial Rd			Bicycle Lane	Durham	0.67	City/County	402,000
24	Berini Dr			Sharrows	Durham	1.14	City/County	2,964
25	Bill Poole Rd			Paved Shoulder	Durham	3.19	City/County	1,914,000
26	Bivins Rd			Paved Shoulder	Durham	3.64	City/County	2,184,000
27	Blackwell St			Sharrows	Durham	0.56	City/County	1,456
28	Bowen Rd			Paved Shoulder	Durham	1.05	City/County	630,000
29	Boyce Mill Rd			Paved Shoulder	Durham	0.83	City/County	498,000
30	Briggs Ave			Bicycle Lane	Durham	1.52	City/County	912,000
31	Broad St			Restripe Bicycle Lane	Durham	2.37	City/County	6,162
32	Broad St			Sharrows	Durham	0.33	City/County	858
33	Buchanan Blvd			Bicycle Lane	Durham	1.48	City/County	888,000
34	Burton Rd			Paved Shoulder	Durham	1.59	City/County	954,000
35	Camden Ave			Bicycle Lane	Durham	1.99	City/County	1,194,000
36	Cameron Blvd			Bicycle Lane	Durham	1.08	City/County	648,000



Bicycle Element of the LRTP - Bike Preferred Option

2035 No.	Facility Description	Begin Segment (Limits from)	End Segment (Limits to)	Facility Type	County	Length	Municipality	2035 Total Cost
37	Cammie St			Bicycle Lane	Durham	0.48	City/County	288,000
38	Campus Dr			Bicycle Lane	Durham	0.25	City/County	150,000
39	Campus Dr			Existing Bicycle Lane	Durham	1.17	City/County	3,510
40	Campus Walk Ave			Bicycle Lane	Durham	0.34	City/County	204,000
41	Capps St			Bicycle Lane	Durham	0.32	City/County	192,000
42	Carolina Cir			Sharrows	Durham	0.07	City/County	182
43	Carpenter Fletcher Rd			Bicycle Lane	Durham	0.78	City/County	468,000
44	Carpenter Pond Rd			Paved Shoulder	Durham	4.82	City/County	2,892,000
45	Carpenter Rd			Paved Shoulder	Durham	1.12	City/County	672,000
46	Carver Rd			Paved Shoulder	Durham	0.78	City/County	468,000
47	Carver St			Bicycle Lane	Durham	4.31	City/County	2,586,000
48	Cassam Rd			Paved Shoulder	Durham	3.75	City/County	2,250,000
49	Cecil St			Bicycle Lane	Durham	0.36	City/County	216,000
50	Chandler Rd			Paved Shoulder	Durham	0.96	City/County	576,000
51	Chapel Dr			Existing Bicycle Lane	Durham	0.32	City/County	0
52	Chapel Hill Rd			Restripe Bicycle Lane	Durham	2.35	City/County	6,110
53	Chapel Hill St			Restripe Bicycle Lane	Durham	0.89	City/County	2,314
54	Chapel Hill St			Sharrows	Durham	0.4	City/County	1,040
55	Cheek Rd			Paved Shoulder	Durham	5.91	City/County	3,546,000
56	Cheek Rd. (SR 1800)		Wake County line	Bicycle Lane	Durham	8.5	City/County	5,100,000
57	Chin Page Rd. (SR 1969)	East Geer St. S. Miami Blvd.	Page Rd.	Bicycle Lane	Durham	1.5	City/County	900,000
58	Church St			Sharrows	Durham	0.13	City/County	338
59	Circuit Dr			Bicycle Lane	Durham	0.5	City/County	0
60	City Hall Plz			Sharrows	Durham	0.1	City/County	260
61	Clayton Rd			Paved Shoulder	Durham	1.84	City/County	1,104,000
62	Clermont Rd			Bicycle Lane	Durham	0.76	City/County	456,000
63	Club Blvd. (SR 1669)	Hillendale Rd.	East Geer St.	Bicycle Lane	Durham	5.33	City/County	3,198,000
64	Cole Mill Rd	Orange County line	Hillsborough Rd.	Bicycle Lane	Durham	3.73	City/County	2,238,000
65	Coley Rd			Paved Shoulder	Durham	3.66	City/County	2,196,000
66	Colonial St			Sharrows	Durham	0.15	City/County	390
67	Compton Pl			Sharrows	Durham	0.11	City/County	286
68	Constitution Dr			Sharrows	Durham	0.58	City/County	1,508
69	Cook Rd			Bicycle Lane	Durham	1.69	City/County	1,014,000
70	Cooksbury Dr			Paved Shoulder	Durham	0.59	City/County	354,000
71	Corcoran St			Sharrows	Durham	0.18	City/County	468
72	Cornwallis Rd			Existing Bicycle Lane	Durham	4.5	City/County	0

Bicycle Element of the LRTP - Bike Preferred Option

2035 No.	Facility Description	Begin Segment (Limits from)	End Segment (Limits to)	Facility Type	County	Length	Municipality	2035 Total Cost
73	Cornwallis Rd			Paved Shoulder	Durham	3.12	City/County	1,872,000
74	Cornwallis Rd			Restripe Bicycle Lane	Durham	4.35	City/County	11,310
75	Corporation St			Bicycle Lane	Durham	0.82	City/County	492,000
76	Cothran Rd			Paved Shoulder	Durham	0.91	City/County	546,000
77	Craig Rd			Paved Shoulder	Durham	2.06	City/County	1,236,000
78	Cranford Rd			Sharrows	Durham	0.44	City/County	1,144
79	Creech Rd			Paved Shoulder	Durham	0.95	City/County	570,000
80	Danube Ln			Bicycle Lane	Durham	1.56	City/County	936,000
81	Davis Dr. (SR 1999)	Cornwallis Rd.	Wake County line	Bicycle Lane	Durham	2.8	City/County	1,680,000
82	Dearborn Dr. (SR 1666)	Club Blvd.	Old Oxford Hwy.	Bicycle Lane	Durham	1.6	City/County	960,000
83	Denfield St			Bicycle Lane	Durham	0.69	City/County	414,000
84	Dillard St			Sharrows	Durham	0.66	City/County	1,716
85	Dixon Rd			Bicycle Lane	Durham	0.67	City/County	402,000
86	Doc Nichols Rd			Paved Shoulder	Durham	1.9	City/County	1,140,000
87	Drew St			Bicycle Lane	Durham	0.48	City/County	288,000
88	Driver St			Bicycle Lane	Durham	0.19	City/County	114,000
89	Driver St			Sharrows	Durham	1.15	City/County	2,990
90	Duke Homestead Rd			Bicycle Lane	Durham	1.64	City/County	984,000
91	Duke St	US 501	University Dr.	Bicycle Lane	Durham	4.87	City/County	2,922,000
92	Duke University Rd	Cameron Blvd.	W. Chapel Hill St.	Existing Bicycle Lane	Durham	1.13	City/County	0
93	Dunegan Rd			Paved Shoulder	Durham	0.42	City/County	252,000
94	Dunwoody Rd			Paved Shoulder	Durham	1.83	City/County	1,098,000
95	Durham-Chapel Hill Blvd			Bicycle Lane	Durham	0.78	City/County	468,000
96	Durham-Chapel Hill Blvd			Sidepath	Durham	5.1	City/County	3,570,000
97	East End Ave			Bicycle Lane	Durham	0.5	City/County	300,000
98	Ebenezer Church Rd			Paved Shoulder	Durham	0.8	City/County	480,000
99	Ed Cook Rd			Bicycle Lane	Durham	0.9	City/County	540,000
100	Elizabeth St			Sharrows	Durham	1.08	City/County	2,808
101	Ellis Chapel Rd			Paved Shoulder	Durham	3.13	City/County	1,878,000
102	Ellis Rd	So-Hi Dr.	S. Miami Blvd.	Bicycle Lane	Durham	4.06	City/County	2,436,000
103	Emperor Boulevard (SR 2103)	NC 54	Page Rd.	Bicycle Lane	Durham	1.1	City/County	660,000
104	Enterprise St			Sharrows	Durham	0.4	City/County	1,040
105	Ephesus Church Rd	Farrington Rd.	Orange County line	Bicycle Lane	Durham	1.05	City/County	630,000
106	Erwin Rd. (SR 1306)	Cameron Blvd.	Orange County line	Bicycle Lane	Durham	2.3	City/County	1,380,000
107	Erwin Rd. (SR 1320)	Cameron Blvd.	Main St.	Bicycle Lane	Durham	2.3	City/County	1,380,000
108	Falkirk Dr			Sharrows	Durham	0.11	City/County	286
109	Farrington Mill Rd			Paved Shoulder	Durham	3.08	City/County	1,848,000

Bicycle Element of the LRTP - Bike Preferred Option

2035 No.	Facility Description	Begin Segment (Limits from)	End Segment (Limits to)	Facility Type	County	Length	Municipality	2035 Total Cost
110	Farrington Rd	Old Chapel Hill Rd.	Farrington Mill/Barbee Ch.	Bicycle Lane	Durham	4.49	City/County	2,694,000
111	Farrington Rd. (SR 1110)	Old Chapel Hill Rd.	Farrington Mill/Barbee Ch.	Bicycle Lane	Durham	4.2	City/County	2,520,000
112	Fayetteville St			Restripe Bicycle Lane	Durham	9.26	City/County	24,076
113	Fenwick Pkwy			Bicycle Lane	Durham	0.49	City/County	294,000
114	Ferrand Rd			Sharrows	Durham	0.16	City/County	416
115	Ferrell Rd	East Geer St.	East Geer St.	Paved Shoulder	Durham	1.42	City/County	852,000
116	Fifteenth St			Restripe Bicycle Lane	Durham	0.25	City/County	660
117	Fletchers Chapel Rd			Paved Shoulder	Durham	1.61	City/County	966,000
118	Flowers Dr			Bicycle Lane	Durham	0.73	City/County	0
119	Forest Hills Blvd			Sharrows	Durham	0.55	City/County	1,430
120	Foster St			Restripe Bicycle Lane	Durham	0.58	City/County	1,508
121	Foster St			Sharrows	Durham	0.08	City/County	208
122	Fountain Ridge Rd			Sharrows	Durham	0.7	City/County	1,820
123	Freeman Rd			Paved Shoulder	Durham	0.92	City/County	552,000
124	Front St			Bicycle Lane	Durham	0.62	City/County	372,000
125	Fulton St. (SR 1321)	Hilandale Rd.	Erwin Rd.	Bicycle Lane	Durham	0.4	City/County	240,000
126	Garrett Rd. (SR 1116)	Pickett Rd.	Hope Valley Rd.	Bicycle Lane	Durham	4.1	City/County	2,460,000
127	Geer St			Bicycle Lane	Durham	4.25	City/County	2,550,000
128	Geer St			Paved Shoulder	Durham	3.38	City/County	2,028,000
129	Gibson Rd			Paved Shoulder	Durham	0.84	City/County	504,000
130	Glendale Ave	Leon St.	Washington St.	Sharrows	Durham	0.66	City/County	1,716
131	Glenn Rd			Paved Shoulder	Durham	3.67	City/County	2,202,000
132	Glenn School Rd			Paved Shoulder	Durham	0.83	City/County	498,000
133	Glover Rd	NC 147	Angler Ave.	Bicycle Lane	Durham	1.24	City/County	744,000
134	Goodwin Rd			Paved Shoulder	Durham	2.28	City/County	1,368,000
135	Grandale Dr	Scott King Rd.	Sedwick Rd.	Bicycle Lane	Durham	2.81	City/County	1,686,000
136	Gray Ave			Bicycle Lane	Durham	0.41	City/County	246,000
137	Great Jones St (Loop)			Restripe Bicycle Lane	Durham	0.13	City/County	338
138	Greenhaven Dr			Paved Shoulder	Durham	0.03	City/County	18,000
139	Gregson St			Bicycle Lane	Durham	1.8	City/County	1,080,000
140	Gregson St/Vickers St. (SR 1327, 1361)	Club Blvd.	University Dr.	Bicycle Lane	Durham	2.3	City/County	1,380,000
141	Guess Rd			Bicycle Lane	Durham	4.9	City/County	2,940,000
142	Guess Rd			Paved Shoulder	Durham	6.22	City/County	3,732,000

Bicycle Element of the LRTP - Bike Preferred Option

2035 No.	Facility Description	Begin Segment (Limits from)	End Segment (Limits to)	Facility Type	County	Length	Municipality	2035 Total Cost
143	Guess Rd./NC 157/Buchanan Blvd.	Orange County line	W. Chapel Hill St.	Bicycle Lane	Durham	12.2	City/County	7,320,000
144	Gurley St			Sharrows	Durham	0.14	City/County	364
145	Hale St			Sharrows	Durham	0.03	City/County	78
146	Hall Rd			Paved Shoulder	Durham	1.47	City/County	882,000
147	Hamilton Way			Bicycle Lane	Durham	0.13	City/County	78,000
148	Hamilin Rd	Red Mill Rd.	Old Oxford Hwy.	Paved Shoulder	Durham	3.41	City/County	2,046,000
149	Hampton Rd	Red Mountain Rd.	Range Rd.	Paved Shoulder	Durham	4.45	City/County	2,670,000
150	Hanover St			Bicycle Lane	Durham	0.03	City/County	18,000
151	Hardee St			Bicycle Lane	Durham	1.41	City/County	846,000
152	Heather Glen Rd			Sharrows	Durham	0.25	City/County	650
153	Hebron Rd			Paved Shoulder	Durham	1.57	City/County	942,000
154	Hereford Rd			Paved Shoulder	Durham	0.63	City/County	378,000
155	Hemdon Rd			Bicycle Lane	Durham	2.57	City/County	1,542,000
156	Hillandale Rd	Rose of Sharon Rd.	Fulton St.	Bicycle Lane	Durham	3.69	City/County	2,214,000
157	Hillsborough Rd			Bicycle Lane	Durham	4.32	City/County	2,592,000
	Hillsborough Rd			Paved Shoulder		0.95		
158	Holloway St			Bicycle Lane	Durham		City/County	570,000
159	Hope Valley Rd			Bicycle Lane	Durham	3.86	City/County	2,316,000
160	Hopkins	Cornwallis Rd.	NC 54	Bicycle Lane	Durham	4.31	City/County	2,586,000
161	Hopson Rd	South Lowell Rd.	Orange County line	Paved Shoulder	Durham	3.47	City/County	2,082,000
162	Horton Rd	Alston Ave.	NC 54	Bicycle Lane	Durham	2.29	City/County	1,374,000
163	Humphrey St	Duke St.	Hillandale Rd.	Bicycle Lane	Durham	2.04	City/County	1,224,000
164	Hurley Rd			Sharrows	Durham	0.05	City/County	130
165	Hyde Park Ave			Paved Shoulder	Durham	0.24	City/County	144,000
166	Indian Trl			Sharrows	Durham	1.02	City/County	2,652
167	Infinity Rd			Sharrows	Durham	0.44	City/County	1,144
168	Isham Chambers Rd	US 501	Snow Hill Rd.	Paved Shoulder	Durham	2.76	City/County	1,656,000
169	Jackie Robinson Dr			Paved Shoulder	Durham	1.42	City/County	852,000
170	James St			Bicycle Lane	Durham	0.08	City/County	48,000
171	Jeffnes Rd			Sharrows	Durham	0.9	City/County	2,340
172	Jock Rd			Paved Shoulder	Durham	1.22	City/County	732,000
173	Joe Ellis Rd			Paved Shoulder	Durham	1.81	City/County	1,086,000
174	John Jones Rd			Paved Shoulder	Durham	0.81	City/County	486,000
175	Johnson Mill Rd			Paved Shoulder	Durham	2.36	City/County	1,416,000
176	Juliette Dr	South Lowell Rd.	Mason Rd.	Paved Shoulder	Durham	3.44	City/County	2,064,000
177				Bicycle Lane	Durham	0.9	City/County	540,000

Bicycle Element of the L RTP - Bike Preferred Option

2035 No.	Facility Description	Begin Segment (Limits from)	End Segment (Limits to)	Facility Type	County	Length	Municipality	2035 Total Cost
178	Junction Rd	NC 98	Ferrell Rd.	Paved Shoulder	Durham	2.92	City/County	1,752,000
179	Juniper St			Bicycle Lane	Durham	0.7	City/County	420,000
180	Kelvin Dr			Paved Shoulder	Durham	0.47	City/County	282,000
181	Kemp Rd	NC 98	Wake County line	Paved Shoulder	Durham	3.21	City/County	1,926,000
182	Kenan Rd			Sharrows	Durham	0.38	City/County	988
183	Kenmore Rd			Bicycle Lane	Durham	0.18	City/County	108,000
184	Kent St			Sharrows	Durham	1.43	City/County	3,718
185	Kerley Rd	NC 751	Erwin Rd.	Paved Shoulder	Durham	2.45	City/County	1,470,000
186	Kirkwood Dr			Bicycle Lane	Durham	0.7	City/County	420,000
187	Kit Creek Rd			Bicycle Lane	Durham	0.43	City/County	258,000
188	Knox St			Sharrows	Durham	2.19	City/County	5,694
189	Lakeland St			Sharrows	Durham	0.51	City/County	1,326
190	Lakewood Ave	Roxboro Rd.	University Dr.	Bicycle Lane	Durham	1.66	City/County	996,000
191	Lasalle St			Bicycle Lane	Durham	1.35	City/County	810,000
192	Latta Rd	Guess Rd.	US 501	Bicycle Lane	Durham	1.2	City/County	720,000
193	Lawson St			Restripe Bicycle Lane	Durham	1.76	City/County	4,576
194	League Way			Sharrows	Durham	0.07	City/County	182
195	Leesville Rd			Paved Shoulder	Durham	4.04	City/County	2,424,000
196	Legion Rd			Bicycle Lane	Durham	0.13	City/County	78,000
197	Leon St			Sharrows	Durham	0.67	City/County	1,742
198	Leon St.	Broad St.	Glendale Ave.	Existing Bicycle Lane	Durham	0.6	City/County	0
199	Liberty St			Bicycle Lane	Durham	2.01	City/County	1,206,000
	Lumley Rd			Bicycle Lane		2.55		
200		Miami Blvd.	Wake County line		Durham		City/County	1,530,000
201	Lynn Rd	NC 98	Gibson Rd.	Paved Shoulder	Durham	1.8	City/County	1,080,000
202	Mackwood Dr			Paved Shoulder	Durham	0.17	City/County	102,000
203	Madden Ave			Paved Shoulder	Durham	0.27	City/County	162,000
204	Main St			Restripe Bicycle Lane	Durham	4.26	City/County	11,076
205	Main St			Sharrows	Durham	0.47	City/County	1,222
206	Mangum St	Markham Ave.	Lakewood Ave.	Bicycle Lane	Durham	1.81	City/County	1,086,000
207	Mangum-Roxboro Connector			Bicycle Lane	Durham	0.11	City/County	66,000
208	Market St			Sharrows	Durham	0.04	City/County	104
209	Markham Ave			Bicycle Lane	Durham	0.13	City/County	78,000
210	Markham Ave			Sharrows	Durham	2	City/County	5,200
211	Martin Luther King Jr Pkwy			Existing Bicycle Lane	Durham	4.91	City/County	0

Bicycle Element of the L RTP - Bike Preferred Option

2035 No.	Facility Description	Begin Segment (Limits from)	End Segment (Limits to)	Facility Type	County	Length	Municipality	2035 Total Cost
212	Maryland Ave			Sharrows	Durham	0.6	City/County	1,560
213	Mason Rd	US 501	Guess Rd.	Paved Shoulder	Durham	2.46	City/County	1,476,000
214	Massey Chapel Rd	NC 751	Herndon Rd.	Bicycle Lane	Durham	1.84	City/County	1,104,000
215	Medford Rd			Bicycle Lane	Durham	1.02	City/County	612,000
216	Miami Blvd			Bicycle Lane	Durham	8.92	City/County	5,352,000
217	Midland Terrace (and Ext.) (SR 1827)	Cheek Rd.	Club Blvd.	Bicycle Lane	Durham	1.8	City/County	1,080,000
218	Mile Branch Rd			Paved Shoulder	Durham	0.28	City/County	168,000
219	Milton Rd			Paved Shoulder	Durham	2.48	City/County	1,488,000
220	Mineral Springs Rd			Paved Shoulder	Durham	4.48	City/County	2,688,000
221	Moore's Mill Rd			Paved Shoulder	Durham	3.54	City/County	2,124,000
222	Morehead Ave			Restripe Bicycle Lane	Durham	1.52	City/County	3,952
223	Morgan St			Sharrows	Durham	0.47	City/County	1,222
224	Morgan St (Loop)			Restripe Bicycle Lane	Durham	0.44	City/County	1,144
225	Moriah Rd			Paved Shoulder	Durham	1.33	City/County	798,000
226	Morning Glory Ave			Sharrows	Durham	0.05	City/County	130
227	Morreene Rd			Bicycle Lane	Durham	1.52	City/County	912,000
228	Morris St			Restripe Bicycle Lane	Durham	0.35	City/County	910
229	Morris St			Sharrows	Durham	0.08	City/County	208
230	Mt Hermon Rd			Paved Shoulder	Durham	1.01	City/County	606,000
231	Mt Hermon Church Rd			Paved Shoulder	Durham	1.76	City/County	1,056,000
232	Mt Moriah Rd			Bicycle Lane	Durham	2.01	City/County	1,206,000
233	Mt Sinai Rd			Paved Shoulder	Durham	0.73	City/County	438,000
234	NC 54	Orange County line	Wake County line	Bicycle Lane	Durham	10.6	City/County	6,360,000
235	NC 55	Cornwallis Rd.	Wake County line	Bicycle Lane	Durham	3.4	City/County	2,040,000
236	NC 751 (Garrett Rd.)	NC 54	Chatham County line	Bicycle Lane	Durham	3.8	City/County	2,280,000
237	NC 98 - Wake Forest Hwy			Bicycle Lane	Durham	2.89	City/County	1,734,000
238	NC 98 - Wake Forest Hwy			Paved Shoulder	Durham	4.94	City/County	2,964,000
239	Neal Rd			Bicycle Lane	Durham	1.24	City/County	744,000
240	Nichols Farm Dr			Sharrows	Durham	0.32	City/County	832
241	Ninth St			Sharrows	Durham	0.76	City/County	1,976
242	Northeast Creek Pkwy	Cornwallis Rd.	Cornwallis Rd. to So-Hi Dr.	Bicycle Lane	Durham	1.3	City/County	780,000
243	Northern Durham Pkwy	US 70	Roxboro (501N)	Bicycle Lane	Durham	12.1	City/County	7,260,000
244	Northlake Dr			Sharrows	Durham	0.41	City/County	1,066
245	O'Kelly Church Rd			Paved Shoulder	Durham	1.02	City/County	612,000

**Bicycle Element of the LRTP - Bike Preferred Option**

2035 No.	Facility Description	Begin Segment (Limits from)	End Segment (Limits to)	Facility Type	County	Length	Municipality	2035 Total Cost
246	Oakland Ave			Sharrows	Durham	0.65	City/County	1,690
247	Old Creedmoor Rd			Paved Shoulder	Durham	0.11	City/County	66,000
248	Old Durham/Chapel Hill Rd. (SR 2220)	University Dr.	Orange County line	Bicycle Lane	Durham	3.4	City/County	2,040,000
249	Old NC 10			Paved Shoulder	Durham	1.47	City/County	882,000
250	Old Oxford Hwy	US 501	Granville County line	Paved Shoulder	Durham	10.24	City/County	6,144,000
251	Olive Branch Rd	Leesville Rd.	NC 98	Paved Shoulder	Durham	3.84	City/County	2,304,000
252	Olympic Ave.	Stadium Dr.	US 501	Bicycle Lane	Durham	0.3	City/County	180,000
253	Orange Factory Rd	US 501	US 501 to Staggsville Rd.	Paved Shoulder	Durham	3.05	City/County	1,830,000
254	Page Rd			Bicycle Lane	Durham	4.94	City/County	2,964,000
	Parrish St			Sharrows		0.28		
255					Durham		City/County	728
256	Pat Tilley Rd			Paved Shoulder	Durham	1.05	City/County	630,000
257	Patrick Rd	US 501	Johnson Mill Rd.	Paved Shoulder	Durham	1	City/County	600,000
258	Patterson Rd	Cheek Rd.	NC 98	Paved Shoulder	Durham	3.53	City/County	2,118,000
259	Pervis Rd			Paved Shoulder	Durham	0.46	City/County	276,000
260	Pettigrew St			Bicycle Lane	Durham	2.87	City/County	1,722,000
261	Pickett Rd	Erwin Rd.	Cornwallis Rd.	Bicycle Lane	Durham	3.76	City/County	2,256,000
262	Pleasant Dr			Paved Shoulder	Durham	1.33	City/County	798,000
263	Plum St			Bicycle Lane	Durham	0.18	City/County	108,000
264	Plum St			Sharrows	Durham	0.18	City/County	468
265	Pope Rd	Ephesus Church Rd.	Old Chapel Hill Rd.	Bicycle Lane	Durham	1	City/County	600,000
266	Preston Andrews Rd			Paved Shoulder	Durham	0.86	City/County	516,000
267	Preston Ave			Bicycle Lane	Durham	0.14	City/County	84,000
268	Quail Roost Farm Rd			Paved Shoulder	Durham	1.28	City/County	768,000
269	Quail Roost Rd	US 501	Bahama Rd.	Paved Shoulder	Durham	2.47	City/County	1,482,000
270	Quincemore Rd			Sharrows	Durham	0.38	City/County	988
271	Ramseur St (Loop)			Restripe Bicycle Lane	Durham	0.58	City/County	1,508
272	Range Rd	Hampton Rd.	Cassam Rd.	Paved Shoulder	Durham	6.1	City/County	3,660,000
273	Red Mill Rd	Old Oxford Hwy	E. Geer St.	Paved Shoulder	Durham	3.88	City/County	2,328,000
274	Red Mountain Rd	US 501	Hampton Rd.	Paved Shoulder	Durham	2.6	City/County	1,560,000
275	Redpine Rd			Paved Shoulder	Durham	0.24	City/County	144,000
276	Redwood Rd			Paved Shoulder	Durham	5.2	City/County	3,120,000
277	Renaissance Pkwy			Existing Sidepath	Durham	1.22	City/County	0
278	Research Dr			Bicycle Lane	Durham	0.21	City/County	0
279	Revere Rd			Existing Bicycle Lane	Durham	1.38	City/County	0

Bicycle Element of the LRTP - Bike Preferred Option

2035 No.	Facility Description	Begin Segment (Limits from)	End Segment (Limits to)	Facility Type	County	Length	Municipality	2035 Total Cost
280	Riddle Rd			Bicycle Lane	Durham	1.91	City/County	1,146,000
281	Rigsbee Ave			Bicycle Lane	Durham	0.39	City/County	234,000
282	Rigsbee Ave			Sharrows	Durham	0.08	City/County	208
283	Rivermont Rd			Paved Shoulder	Durham	1.17	City/County	702,000
284	Rocky Springs Rd			Sharrows	Durham	0.35	City/County	910
285	Rogers Rd			Paved Shoulder	Durham	1.02	City/County	612,000
286	Rose of Sharon Rd	Cole Mill Rd.	Guess Rd.	Bicycle Lane	Durham	2.53	City/County	1,518,000
287	Ross Rd	Junction Rd.	Chandler Rd.	Paved Shoulder	Durham	1.03	City/County	618,000
288	Rougemont Rd	Bill Poole Rd.	South Lowell Rd.	Paved Shoulder	Durham	2.66	City/County	1,596,000
289	Rowena Ave			Bicycle Lane	Durham	0.33	City/County	198,000
290	Roxboro St			Existing Bicycle Lane	Durham	0.78	City/County	0
291	Roxboro St			Paved Shoulder	Durham	9.44	City/County	5,664,000
292	Roxboro St			Restripe Bicycle Lane	Durham	13.96	City/County	36,296
293	Russell Rd			Paved Shoulder	Durham	3.81	City/County	2,286,000
294	Safeway St			Restripe Bicycle Lane	Durham	0.07	City/County	182
295	Saint Marys Rd			Paved Shoulder	Durham	2.36	City/County	1,416,000
296	Santee Rd			Paved Shoulder	Durham	1.51	City/County	906,000
297	Scarlett Dr			Bicycle Lane	Durham	0.2	City/County	120,000
298	Science Dr			Bicycle Lane	Durham	0.66	City/County	0
299	Scott King Rd	Hwy 751/Fayetteville Rd.	Grandale Dr.	Bicycle Lane	Durham	1.95	City/County	1,170,000
300	Sedwick Rd	Grandale Dr.	Alston Ave.	Bicycle Lane	Durham	1.84	City/County	1,104,000
301	Shady Grove Rd	Leesville Rd.	Wake County line	Paved Shoulder	Durham	1.1	City/County	660,000
302	Shannon Rd			Bicycle Lane	Durham	1.04	City/County	624,000
303	Sherron Rd	US 70	NC 98	Paved Shoulder	Durham	3.25	City/County	1,950,000
304	Slater Rd	Emperor Boulevard	Wake County line	Bicycle Lane	Durham	0.66	City/County	396,000
305	Snow Hill Rd	US 501	Old Oxford Hwy.	Paved Shoulder	Durham	4.55	City/County	2,730,000
306	So Hi Dr			Bicycle Lane	Durham	0.72	City/County	432,000
307	South Lowell Rd			Paved Shoulder	Durham	4.95	City/County	2,970,000
308	South St			Bicycle Lane	Durham	0.84	City/County	504,000
309	Southview Rd			Paved Shoulder	Durham	2.41	City/County	1,446,000
310	Southwest Durham Dr			Bicycle Lane	Durham	0.12	City/County	72,000
311	Sowell St			Sharrows	Durham	0.07	City/County	182
312	Sparger Rd			Bicycle Lane	Durham	1.78	City/County	1,068,000
313	Sprunt Ave			Sharrows	Durham	1.06	City/County	2,756
314	St. Mary's Rd. (SR 1002)	Guess Rd.	Orange County line	Bicycle Lane	Durham	4.5	City/County	2,700,000



Bicycle Element of the LRTP - Bike Preferred Option

2035 No.	Facility Description	Begin Segment (Limits from)	End Segment (Limits to)	Facility Type	County	Length	Municipality	2035 Total Cost
315	Stadium Dr	Olympic Ave.	Horton Rd.	Restripe Bicycle Lane	Durham	2.71	City/County	7,046
316	Stagecoach Rd	Farrington Rd.	NC 751	Bicycle Lane	Durham	1.62	City/County	972,000
317	Stagville Rd	Bahama Rd.	Old Oxford Hwy.	Paved Shoulder	Durham	3.78	City/County	2,268,000
318	Stallings Rd	Cheek Rd.	Patterson Rd.	Paved Shoulder	Durham	1.86	City/County	1,116,000
	State Forest Rd			Paved Shoulder		2.23		
319					Durham		City/County	1,338,000
320	Summit St			Restripe Bicycle Lane	Durham	0.4	City/County	1,040
321	Swift Ave	Duke University Rd.	Main St.	Restripe Bicycle Lane	Durham	0.51	City/County	1,326
322	Swing Rd			Paved Shoulder	Durham	0.15	City/County	90,000
323	T W Alexander Dr	NC 55	Wake County line	Bicycle Lane	Durham	8.25	City/County	0
324	Tavistock Dr			Sharrows	Durham	0.21	City/County	546
325	Taylor St			Bicycle Lane	Durham	1.43	City/County	858,000
326	Teknika Pkwy			Paved Shoulder	Durham	0.68	City/County	408,000
327	Third Fork Creek Greenway	Southern Boundaries Pk	NC 751	Multi-Use Path	Durham	3.3	City/County	2,310,000
328	Tom Clark Rd			Paved Shoulder	Durham	0.73	City/County	438,000
329	Tom Wilkinson Rd			Paved Shoulder	Durham	0.23	City/County	138,000
330	Towerview Rd			Bicycle Lane	Durham	1.01	City/County	0
331	Trent Dr			Bicycle Lane	Durham	0.29	City/County	0
332	Trent Dr			Sharrows	Durham	0.21	City/County	546
333	Tri Center Boulevard	Alston Ave.	Cornwallis Road	Bicycle Lane	Durham	0.6	City/County	360,000
334	Trinity Ave			Bicycle Lane	Durham	1.15	City/County	690,000
335	Trinity Ave			Sharrows	Durham	0.38	City/County	988
336	Umstead Rd	Guess Rd.	Cole Mill Rd.	Paved Shoulder	Durham	3.41	City/County	2,046,000
337	Umstead Rd. (SR 1449)	Guess Rd.	Cole Mill Rd.	Bicycle Lane	Durham	3.4	City/County	2,040,000
	University Dr			Restripe Bicycle Lane		4.55		
338		Lakewood Ave.	Old Chapel Hill Rd.		Durham		City/County	11,830
339	US 15/501	Orange County line	University Dr.	Bicycle Lane	Durham	4.9	City/County	2,940,000
340	US 70	Angier Ave.	Wake County line	Bicycle Lane	Durham	1.2	City/County	720,000
341	Valley Springs Rd			Paved Shoulder	Durham	0.44	City/County	264,000
342	Vickers Ave			Bicycle Lane	Durham	0.83	City/County	498,000
343	Virgil Rd			Paved Shoulder	Durham	2.36	City/County	1,416,000
344	Ward St			Sharrows	Durham	0.77	City/County	2,002
345	Washington St	Glendale Ave.	Corporation St.	Restripe Bicycle Lane	Durham	1.43	City/County	3,718
346	Watkins Rd			Bicycle Lane	Durham	0.87	City/County	522,000
347	Wiley Mangum Rd			Paved Shoulder	Durham	1.37	City/County	822,000

Bicycle Element of the L RTP - Bike Preferred Option

2035 No.	Facility Description	Begin Segment (Limits from)	End Segment (Limits to)	Facility Type	County	Length	Municipality	2035 Total Cost
348	Wilkins Rd	Hampton Rd.	Bahama Rd.	Paved Shoulder	Durham	2.98	City/County	1,788,000
349	Willard St			Bicycle Lane	Durham	0.37	City/County	222,000
350	Winkler Rd			Paved Shoulder	Durham	0.68	City/County	408,000
351	Woodcroft Pkwy	Hope Valley Rd.	Carpenter Fletcher Rd.	Bicycle Lane	Durham	3.8	City/County	2,280,000
<b>Durham City/County Totals</b>							<b>675.46</b>	<b>341,173,846</b>

No.	Facility Description	Begin Segment (Limits from)	End Segment (Limits to)	Facility Type	County	Length	Municipality	2035 Total Cost
<b>CHAPEL HILL</b>								
1	Bolin Creek Bikeway	CHPD	Community Center	Bike lanes	Orange	1.1	CH	\$0
2	Booker Creek Rd	Honeysuckle Rd.	Old Oxford Rd.	Bike lanes	Orange	0.4	CH	\$240,000
3	Boundary St.	Country Club Rd.	Rosemary St.	Bike lanes	Orange	0.4	CH	\$240,000
4	Burning Tree Dr./Pinehurst Dr.	NC 54	Ephesus Church Rd.	Bike lanes	Orange	2	CH	\$1,200,000
5	Cameron Ave.	Pittsboro St.	Raleigh St.	Bike lanes	Orange	0.5	CH	\$300,000
6	Caswell Rd./Curtis Rd./N. Lakeshore	Estes Dr.	Weaver Dairy Rd.	Bike lanes	Orange	2.5	CH	\$1,500,000
7	Culbreth Rd.	Smith Level Rd.	US 15-501 South	Bike lanes	Orange	1.1	CH	\$660,000
8	Elliott Rd.	Curtis Rd.	E. Franklin St.	Bike lanes	Orange	0.7	CH	\$420,000
9	Ephesus Church Rd.	US 15-501	Durham Co. line	Bike lanes	Orange	2.1	CH	\$1,260,000
10	Erwin Rd.	US 15-501	Durham Co. line	Bike lanes	Orange	0.9	CH	\$540,000
11	Estes Dr./Estes Dr. Extension	US 15-501	N. Greensboro St.	Bike lanes	Orange	3.7	CH	\$2,220,000
12	Eubanks Rd.	Old NC 86	NC 86	Bike lanes	Orange	2.6	CH	\$1,560,000
13	Finley GC/Mason Farm Rds.	NC 54 East	NC 54 Bypass	Bike lanes	Orange	1.4	CH	\$840,000
14	Fordham Blvd./Chapel Hill Blvd.	Old Durham Rd.	Culbreth Rd.	Bike lanes	Orange	5.1	CH	\$3,060,000
15	Franklin St. (E. Franklin St.)	Boundary St.	N. Fordham Blvd.	Bike lanes	Orange	2.9	CH	\$1,740,000
16	Homestead Rd.	Airport Rd.	Old NC 86	Bike lanes	Orange	3.3	CH	\$1,980,000
17	Manning Dr.	NC 54 Bypass	S. Columbia St.	Bike lanes	Orange	1.2	CH	\$720,000
18	Mason Farm Rd.	Fordham Blvd.	S. Columbia St.	Bike lanes	Orange	1.2	CH	\$720,000
19	Merritt Mill Rd./S. Greensboro St.	Cameron Ave.	NC 54 Bypass	Bike lanes	Orange	0.8	CH	\$480,000
20	Mt. Carmel Church Rd.	US 15-501	Chatham Co. line	Bike lanes	Orange	2.5	CH	\$1,500,000
21	NC 86/Airport Rd.	Columbia St.	Whitfield Rd.	Bike lanes	Orange	4.3	CH	\$2,580,000
22	Old Durham Rd.	US 15-501	Durham Co. line	Bike lanes	Orange	0.6	CH	\$360,000
23	Old Oxford Rd.	Elliott Rd.	Erwin Rd.	Bike lanes	Orange	0.4	CH	\$240,000
24	Piney Mtn. Rd./Emily Rd./Partin St./H	Airport Rd.	Weaver Dairy Rd.	Bike lanes	Orange	2.2	CH	\$1,320,000
25	Pittsboro St.	Cameron Ave.	S. Columbia St.	Bike lanes	Orange	0.4	CH	\$240,000
26	Rogers Rd.	Homestead Rd.	Eubanks Rd.	Bike lanes	Orange	1.2	CH	\$720,000

Bicycle Element of the LRTP - Bike Preferred Option

2035 No.	Facility Description	Begin Segment (Limits from)	End Segment (Limits to)	Facility Type	County	Length	Municipality	2035 Total Cost
27	Rosemary St.	Boundary St.	Carrboro limits (Merritt Mill Rd.)	Bike lanes	Orange	1.4	CH	\$840,000
28	Seawell School Rd.	Homestead Rd.	Estes Dr. Ext	Bike lanes	Orange	1.5	CH	\$900,000
29	South Columbia St.	Airport Rd.	US 15-501 Bypass	Bike lanes	Orange	0.2	CH	\$120,000
30	Raleigh Rd. (NC 54)	Country Club Rd.	Durham Co. line	Bike lanes	Orange	1.9	CH	\$1,140,000
31	Smith Middle School Greenway	Homestead Rd.	Seawell School Rd.	Multi-Use Path	Orange	0.5	CH	\$350,000
32	South Rd.	S. Columbia St.	Country Club Rd.	Bike lanes	Orange	0.6	CH	\$360,000
33	Sunrise Rd.	Whitfield Rd.	Weaver Dairy Rd.	Bike lanes	Orange	1.3	CH	\$780,000
34	Umstead Dr.	Estes Dr. Ext.	Airport Rd.	Bike lanes	Orange	1	CH	\$600,000
35	US 15-501 Corridor	Old Durham Rd.	Durham Co. line	Bike lanes	Orange	0.3	CH	\$180,000
36	US 15-501 South	Culbreth Rd.	Chatham County Line	Bike lanes	Orange	0.5	CH	\$300,000
37	Weaver Dairy Rd.	NC 86	Erwin Rd.	Bike lanes	Orange	0.4	CH	\$240,000
38	Weaver Dairy Rd. Ext.	Homestead Rd.	NC 86	Bike lanes	Orange	1.3	CH	\$780,000
<b>Chapel Hill Totals</b>							<b>56.4</b>	<b>\$33,230,000</b>

No.	Facility Description	Begin Segment (Limits from)	End Segment (Limits to)	Facility Type	County	Length	Municipality	2035 Total Cost
<b>HILLSBOROUGH</b>								
1	Eno Mt. Rd./Allison St.	Dimmocks Mill Rd.	Orange Grove Rd.	4' shoulders	Orange	0.8	Hillsborough	\$480,000
2	Lakeshore Dr./Brownville St./Bellvue	Latimer St.	Dimmocks Mill Rd.	shared	Orange	0.7	Hillsborough	\$1,820
3	Mt. Sinai Rd.	NC 86	Kerley Rd. (Durham line)	4' shoulders	Orange	4.9	Hillsborough	\$2,940,000
4	Nash St./Eno St.	Revere Rd.	Dimmocks Mill Rd.	shared	Orange	1	Hillsborough	\$2,600
5	NC 751/US 70/Old NC 10	Durham County	NC 86	4' shoulders	Orange	6.6	Hillsborough	\$3,960,000
6	NC 86	US 70 Business	Whitfield Rd.	4' shoulders	Orange	7.1	Hillsborough	\$4,260,000
7	NC 86 N	US 70 Bypass	Coleman Loop SR1334	shared	Orange	3.3	Hillsborough	\$8,580
8	New Hope Church Rd.	Old NC 10	Old NC 86	4' shoulders	Orange	4.1	Hillsborough	\$2,460,000
9	Oakdale Dr.	Old NC 86/Churton St	Orange Grove Rd.	4' shoulders	Orange	1.1	Hillsborough	\$660,000
10	Old Greensboro Rd.	Sturbridge Ln.	Alamance County line	4' shoulders	Orange	9.6	Hillsborough	\$5,760,000
11	Old NC 86	Eubanks Rd.	LaFayette Dr.	4' shoulders	Orange	6.1	Hillsborough	\$3,660,000
12	Orange Grove Rd.	Old NC 86/Churton St.	Dimmocks Mill Rd.	shared	Orange	3.2	Hillsborough	\$8,320
13	Orange Grove Rd./Dodsons Crossroad	Dimmocks Mill Rd.	Chatham County line	4' shoulders	Orange	12.6	Hillsborough	\$7,560,000
14	Pleasant Green Rd./Schley Rd.	US 70	Walnut Grove Church Rd.	4' shoulders	Orange	15.6	Hillsborough	\$9,360,000
15	Revere Rd./Corbin St./Orange High	Cornelius St.	Holman Dr.	shared/bike path	Orange	1.7	Hillsborough	\$1,190,000
16	Riverwalk	S. Cameron St.	Allison St.	Multi-Use Path	Orange	1.6	Hillsborough	\$1,120,000
17	Sawmill Rd./Carr Store Rd.	Walnut Grove Church Rd.	NC 49	4' shoulders	Orange	8.5	Hillsborough	\$5,100,000
18	St. Mary's Rd.	E. King St.	US 70 Bypass	shared	Orange	1.2	Hillsborough	\$3,120

Bicycle Element of the L RTP - Bike Preferred Option

2035 No.	Facility Description	Begin Segment (Limits from)	End Segment (Limits to)	Facility Type	County	Length	Municipality	2035 Total Cost
19	St. Mary's Rd./New Sharon Church Rd.	US 70 Bypass	NC 157 (Guess Rd.)	4' shoulders	Orange	8.6	Hillsborough	\$5,160,000
20	Torain St./Lawndale Ave. (off road bypass)	Faucette Mill Rd.	Orange High School Rd.	shared/bike path	Orange	0.7	Hillsborough	\$490,000
21	US 70 Business (partially on new alignment)	Churton St.	Lawrence Rd.	4' shoulders	Orange	2	Hillsborough	\$1,200,000
22	US 70 Bypass	NC 86	I-85 exit 170	4' shoulders	Orange	7.5	Hillsborough	\$4,500,000
<b>Orange County/Hillsborough Totals</b>								<b>\$59,884,440</b>

108.5

No.	Facility Description	Begin Segment (Limits from)	End Segment (Limits to)	Facility Type	County	Length	Municipality	2035 Total Cost
<b>ORANGE COUNTY</b>								
1	Ben Johnston Rd./US 70/I-85 Connector	Dimmocks Mill Rd.	Mattress Factory Rd.	4' shoulders	Orange	7.2	Orange Co.	\$4,320,000
2	Buckhorn Rd./Orange Grove Rd./Dalton Rd.	West Ten Rd.	Union Grove Church Rd.	4' shoulders	Orange	13.5	Orange Co.	\$8,100,000
3	Cornwallis Rd./Mt. Herman Ch. Rd.	Durham County Line	US 70	4' shoulders	Orange	3.4	Orange Co.	\$2,040,000
4	Dimmocks Mill Rd./Orange Grove Rd./Dodson's Crossroads/Butler Rd./White Cross Rd.	I-40/I-85	Chatham County line	4' shoulders	Orange	14.7	Orange Co.	\$8,820,000
5	Faucette Mill Rd./Frank Perry Rd./Cottrell Rd.	Thompson Ct.	NC 86	4' shoulders	Orange	3.8	Orange Co.	\$2,280,000
6	Highland Farm Rd./Efland-Cedar Grove Rd.	Coleman Loop Rd.	Carr Store Rd.	4' shoulders	Orange	4.7	Orange Co.	\$2,820,000
7	Jones Ferry Rd.	Old Greensboro Rd.	Chatham County Line	4' shoulders	Orange	4.1	Orange Co.	\$2,460,000
8	Lawrence Rd.	Old NC 10	St. Mary's Rd.	4' shoulders	Orange	2.8	Orange Co.	\$1,680,000
9	Lebanon Rd./Brookhollow Rd./Forrest Rd.	Mill Creek Road	West Ten Rd.	4' shoulders	Orange	6.5	Orange Co.	\$3,900,000
10	Mt. Sinai Rd.	NC 86	Kerley Rd. (Durham line)	4' shoulders	Orange	4.9	Orange Co.	\$2,940,000
11	NC 751/US 70/Old NC 10	Durham County	NC 86	4' shoulders	Orange	6.6	Orange Co.	\$3,960,000
12	NC 86	US 70 Business	Whitfield Rd.	4' shoulders	Orange	7.1	Orange Co.	\$4,260,000
13	NC 86/Walnut Grv. Ch. Rd.	Coleman Loop Rd.	Person County line	4' shoulders	Orange	7.97	Orange Co.	\$4,782,000
14	New Hope Church Rd.	Old NC 10	Old NC 86	4' shoulders	Orange	4.1	Orange Co.	\$2,460,000
15	Old Greensboro Rd.	Sturbridge Ln.	Alamance County line	4' shoulders	Orange	9.6	Orange Co.	\$5,760,000
16	Old NC 86	Eubanks Rd.	I-40/I-85	4' shoulders	Orange	4.9	Orange Co.	\$2,940,000
17	Old NC 86	I-40/I-85	LaFayette Dr.	4' shoulders	Orange	0.8	Orange Co.	\$480,000
18	Pleasant Green Rd./Schley Rd.	US 70	Walnut Grove Church Rd.	4' shoulders	Orange	15.6	Orange Co.	\$9,360,000
19	Sawmill Rd./Carr Store Rd.	Walnut Grove Church Rd.	NC 49	4' shoulders	Orange	8.5	Orange Co.	\$5,100,000
20	St. Mary's Rd./New Sharon Church Rd.	US 70 Bypass	NC 157 (Guess Rd.)	4' shoulders	Orange	8.6	Orange Co.	\$5,160,000
21	US 70 Bypass	St. Mary's Rd.	I-85 exit 170	4' shoulders	Orange	6.5	Orange Co.	\$3,900,000
22	Whitfield Rd.	NC 86	Erwin Rd.	4' shoulders	Orange	3.4	Orange Co.	\$2,040,000
<b>Orange County Totals</b>								<b>\$89,562,000</b>

149.27

### Bicycle Element of the LRTP - Bike Preferred Option

2035 No.	Facility Description	Begin Segment (Limits from)	End Segment (Limits to)	Facility Type	County	Length	Municipality	2035 Total Cost
<b>CARBORO</b>								
1	Bolin Creek Greenway Trail	Estes Dr.	Homestead Road	Multi-Use Path	Orange	2.3	Carrboro	\$1,610,000
2	Bolin Creek Greenway Trail	Homestead Road	Lake Hogan Farms	Multi-Use Path	Orange	1	Carrboro	\$0
3	Bolin Creek Greenway Trail	Lake Hogan Farms	Old NC 86	Multi-Use Path	Orange	0.2	Carrboro	\$140,000
4	BPW Club Rd / Tar Hill Dr./Rock Ha	Tar Hill Dr.	Rock Haven Road	Bike Lanes	Orange	0.2	Carrboro	\$0
5	Dairyland Road	Old NC 86	Union Grove Church Rd.	Bike Lanes	Orange	0.6	Carrboro	\$360,000
6	Davie Rd.	W.Main St.	Jones Ferry Rd.	Bike Lanes	Orange	0.6	Carrboro	\$360,000
7	Farm House/Tramore Connector	Farm House Drive	Tramore Road	Bike Lanes	Orange	0.1	Carrboro	\$60,000
8	Jones Ferry Road	Old Greensboro Rd.	Highway 54	Bike Lanes	Orange	0.7	Carrboro	\$420,000
9	Morgan Creek Greenway Trail	Smith Level Road	University Lake	Multi-Use Path	Orange	1.7	Carrboro	\$1,190,000
10	N. Lake Hogan Farm Extension	Lake Hogan Farm Road	Eubanks Road	Bike Lanes	Orange	1	Carrboro	\$600,000
11	Old Fayetteville Road	Jones Ferry Road	Strowd Lane	Bike Lanes	Orange	1.6	Carrboro	\$960,000
12	Old Greensboro Road	Jones Ferry Road	Sturbridge Lane	4' shoulders	Orange	0.4	Carrboro	\$240,000
13	Old NC 86	Farm House Drive	Eubanks Road	Bike Lanes	Orange	2.3	Carrboro	\$1,380,000
14	Pathway Drive	Cates Farm Rd.	end	Bike Lanes	Orange	1.2	Carrboro	\$0
15	Quail Roost Drive	Hillsborough Road	McDougle School	Sharrow	Orange	0.3	Carrboro	\$780
16	Roberson Place Bikepath	Eugene St.	Rand Rd.	Multi-Use Path	Orange	0.4	Carrboro	\$0
17	S. Lake Hogan Farm Road	Tramore Road	Homestead Road	Bike Lanes	Orange	0.3	Carrboro	\$0
18	Seawell School Connector	Lake Hogan Farm Road	Seawell School Road	Bike Lanes	Orange	1.7	Carrboro	\$1,020,000
19	Smith Level Road	NC 54 Bypass	Woodcrest Dr.	Bike Lanes	Orange	0.7	Carrboro	\$0
20	Strowd Lane	Old Fayetteville Road	Anderson Community Park	Sharrow	Orange	0.3	Carrboro	\$780
21	Tripp Farm Road	Fairoaks	Seawell School Road	Multi-Use Path	Orange	0.5	Carrboro	\$350,000
22	Tripp Farm Road	Hillsborough Road	Fair Oaks	Bike Lanes	Orange	0.3	Carrboro	\$180,000
23	Smith Level Rd	Woodcrest Dr.	US 15-501	4' shoulders	Orange	2.2	Carrboro	\$1,320,000
24	Damascus Church Rd.	Smith Level Rd.	planning boundary	4' shoulders	Orange	0.6	Carrboro	\$360,000
25	Pathway Drive	Eastern terminus	Seawell School Rd.	Multi-Use Path	Orange	0.2	Carrboro	\$140,000
26	W. Main	Poplar	Jones Ferry Rd.	Bike Lanes	Orange	0.3	Carrboro	\$180,000
27	Weaver st.	N. Greensboro	Main St.	Bike Lanes	Orange	0.1	Carrboro	\$60,000
28	E Main St.	Weaver St./Roberson	Brewer Ln.	Bike Lanes	Orange	0.3	Carrboro	\$180,000
29	Bolin Creek Greenway Trail	Old NC 86	Old NC86	Multi-Use Path	Orange	1.8	Carrboro	\$1,260,000
30	Estes spur trail	Estes Ext. @ Estes Park Apts	Wilson Park	Multi-Use Path	Orange	0.2	Carrboro	\$140,000
31	Jones Creek Trail	Lake Hogan Farms Rd.	Morris Grove Elem.	Multi-Use Path	Orange	0.9	Carrboro	\$630,000
32	Old Fayetteville Rd.	Poplar	Laycock	Bike Lanes	Orange	0.15	Carrboro	\$90,000

Bicycle Element of the L RTP - Bike Preferred Option

2035 No.	Facility Description	Begin Segment (Limits from)	End Segment (Limits to)	Facility Type	County	Length	Municipality	2035 Total Cost
33	Old Fayetteville Rd.	Swansea	NC 54	Bike Lanes	Orange	0.25	Carrboro	\$150,000
34	Old Pittsboro Rd.	S. Greensboro Rd.	S. Greensboro Rd	Sharrow	Orange	0.4	Carrboro	\$1,040
35	Carr St.	PTA bike path	Sweet Bay Pl.	Sharrow	Orange	0.2	Carrboro	\$520
36	Roberson St.	S. Greensboro Rd.	Sweet Bay Pl.	Sharrow	Orange	0.2	Carrboro	\$520
37	Sweet Bay Pl.	Roberson St.	Red Sunset	Sharrow	Orange	0.3	Carrboro	\$780
38	Red Sunset	Sweet Bay Pl.	Purple Leaf	Sharrow	Orange	0.07	Carrboro	\$182
39	Purple Leaf	Red Sunset	Rand	Sharrow	Orange	0.08	Carrboro	\$208
40	Rand	Purple Leaf	S. Greensboro Rd	Sharrow	Orange	0.07	Carrboro	\$182
41	Brewer Ln.	Roberson Place bike path	E. Main St.	Sharrow	Orange	0.2	Carrboro	\$520
42	Greensboro St.	Old Pittsboro Rd.	Poplar St.	Sharrow	Orange	0.3	Carrboro	\$780
43	Pleasant St.	N. Greensboro St.	dead end	Sharrow	Orange	0.2	Carrboro	\$520
44	Shelton St.	Hillsborough Rd.	N. Greensboro St.	Sharrow	Orange	0.4	Carrboro	\$1,040
45	Elm St.	Weaver St.	Shelton	Sharrow	Orange	0.2	Carrboro	\$520
46	Cobblestone	Hillsborough Rd.	Rock Garden	Sharrow	Orange	0.4	Carrboro	\$1,040
47	Colfax	Rock Garden	Homestead	Sharrow	Orange	0.5	Carrboro	\$1,300
48	Barrington Hills	Hillsborough Rd.	Circadian	Sharrow	Orange	0.1	Carrboro	\$260
49	Rock Garden	Cates Farm	Bolin Creek Trail	Sharrow	Orange	0.3	Carrboro	\$780
50	Horne	Horne Hollow path	Hillsborough Rd.	Sharrow	Orange	0.2	Carrboro	\$520
51	James St.	Hillsborough Rd.	Main St.	Sharrow	Orange	0.6	Carrboro	\$1,560
52	Carol	Old Fayetteville	Lorraine	Sharrow	Orange	0.6	Carrboro	\$1,560
53	Lorraine	James	Hillsborough Rd.	Sharrow	Orange	0.35	Carrboro	\$910
54	Pine St.	Hillsborough Rd.	N. Greensboro St.	Sharrow	Orange	0.3	Carrboro	\$780
55	Williams St.	N. Greensboro St.	Wilson Park	Sharrow	Orange	0.15	Carrboro	\$390
56	Bolin Creek Dr.	Pathway	end	Sharrow	Orange	0.5	Carrboro	\$1,300
57	Bolin Forest	Hillsborough Rd.	Bolin Creek Dr.	Sharrow	Orange	0.3	Carrboro	\$780
58	Camilla	Sharp	Afterbury	Sharrow	Orange	0.6	Carrboro	\$1,560
59	Talley Ho	Rogers	Lake Hogan farms Rd	Sharrow	Orange	1.3	Carrboro	\$3,380
<b>Carrboro Totals</b>							<b>34.22</b>	<b>\$13,404,492</b>

No.	Facility Description	Begin Segment (Limits from)	End Segment (Limits to)	Facility Type	County	Length	Municipality	2035 Total Cost
<b>CHATHAM COUNTY</b>								
1	American Tobacco Trail	Durham County Line	Wake County Line	Bike Path	Chatham	5.2	County	\$0
2	Mt. Carmel Church Road	Orange County line	Old Farrington Point Road	Bike lanes	Chatham	1.2	County	\$720,000
3	NC 751	Durham County line	US 64 Hwy	Bike lanes	Chatham	3.2	County	\$1,920,000

Bicycle Element of the LRTP - Bike Preferred Option

2035 No.	Facility Description	Begin Segment (Limits from)	End Segment (Limits to)	Facility Type	County	Length	Municipality	2035 Total Cost
4	Old Farrington Point Road	Durham County Line	Mt. Carmel Church Road	Bike lanes	Chatham	1.7	County	\$1,020,000
5	US 15-501 South	Orange County line	US 64 Bypass	Bike lanes	Chatham	3.2	County	\$1,920,000
	<b>Chatham County Totals</b>					<b>14.5</b>		<b>\$5,580,000</b>
<b>TOTAL BICYCLE FACILITIES</b>						<b>1038.35</b>		<b>\$542,834,778</b>

# **Pedestrian Preferred Option – Projects (Durham portion)**



**Pedestrian Network Element of the 2035 LRTP**

No.	Project Name	From	To	Rank	Length (Feet)	Length (Miles)	County	Municipality	Cost	AQ Implement'n Year
1	Academy1	Duke University	Cornwallis	B	5269.320	0.998	Durham	Durham City	\$526,932	2025
2	Academy2	Cornwallis	University	B	3725.660	0.706	Durham	Durham City	\$372,566	2025
3	Acadia	Knox	Markham	C	1020.980	0.193	Durham	Durham City	\$102,098	2035
4	Albany	Sprunt	Indian	C	1124.630	0.213	Durham	Durham City	\$112,463	2035
5	AlstonA1	Trinity	Holloway	B	5056.600	0.958	Durham	Durham City	\$505,660	2025
6	AlstonA2	Holloway	NC 147	B	4941.160	0.936	Durham	Durham City	\$494,116	2025
7	AlstonA3	Cecil	Riddle	B	6482.510	1.228	Durham	Durham City	\$648,251	2025
8	AlstonA4	Riddle	Cornwallis	C	9621.750	1.822	Durham	Durham City	\$962,175	2035
9	AlstonA5	Cornwallis	Carpenter Fletcher	B	5743.800	1.088	Durham	Durham City	\$574,380	2025
10	AlstonA6	Carpenter Fletcher	Sedwick	A	7649.360	1.449	Durham	Durham City	\$764,936	2015
11	AlstonA7	Sedwick	TW Alexander	C	5063.450	0.959	Durham	Durham City	\$506,345	2035
12	Ancroft	Delray	Riddle	C	843.643	0.160	Durham	Durham City	\$84,364	2035
13	Ancroft2	Ancroft	ATT	C	1048.150	0.199	Durham	Durham City	\$104,815	2035
14	Anderson2	Lewis	Campus	B	1337.880	0.253	Durham	Durham City	\$133,788	2025
15	AndersonA1	Lewis	Yearby	B	545.928	0.103	Durham	Durham City	\$54,593	2025
16	AngierPW	Hoover	Midway	B	5466.900	1.035	Durham	Durham City	\$546,690	2025
17	Archdale1	Old Chapel Hill	Hope Valley	C	4090.320	0.775	Durham	Durham City	\$409,032	2035
18	Archdale2	Alpine	Oak Ridge	C	1691.560	0.320	Durham	Durham City	\$169,156	2035
19	Avondale	Roxboro	Geer	A	5613.870	1.063	Durham	Durham City	\$561,387	2015
20	Barbee	Fayetteville	Herdon	B	15009.700	2.843	Durham	Durham City	\$1,500,970	2025
21	Briggs	Holloway	Main	C	2841.960	0.538	Durham	Durham City	\$284,196	2035
22	Broad1	Durham Freeway	F Street	B	900.339	0.171	Durham	Durham City	\$90,034	2025
23	Broad2	F Street	North Pointe	B	3621.810	0.686	Durham	Durham City	\$362,181	2025
24	Broad3	Eatondale	Carver	C	2678.890	0.507	Durham	Durham City	\$267,889	2035
25	Buchanan1	Old Chapel Hill	Butler	C	1109.840	0.210	Durham	Durham City	\$110,984	2035
26	Buchanan2	Yancey	Main	C	3125.260	0.592	Durham	Durham City	\$312,526	2035
27	Buchanan3	Trinity	Club	B	1511.390	0.286	Durham	Durham City	\$151,139	2025
28	Cameron	Erwin	Duke University	A	4425.240	0.838	Durham	Durham City	\$442,524	2015
29	Campus Walk	Morrone	LaSalle	A	1811.510	0.343	Durham	Durham City	\$181,151	2015
30	Canal	Roxboro	Gearwood	C	1967.520	0.373	Durham	Durham City	\$196,752	2035
31	Carpenter Fletcher	E Woodcroft Pkwy	Alston	B	4098.280	0.776	Durham	Durham City	\$409,828	2025
32	Casa	Valley	Horton	C	1408.070	0.267	Durham	Durham City	\$140,807	2035
33	Chapel Hill1	Kent	Carroll	C	511.406	0.097	Durham	Durham City	\$51,141	2035
34	Chapel Hill2	Maplewood	Lakewood	C	3930.690	0.744	Durham	Durham City	\$393,069	2035
35	Chapel Hill3	Prince	Huron	C	1015.010	0.192	Durham	Durham City	\$101,501	2035

**Pedestrian Network Element of the 2035 L RTP**

No.	Project Name	From	To	Rank	Length (Feet)	Length (Miles)	County	Municipality	Cost	AQ Implement'n Year
36	Chapel Hill4	Huron	Anderson	C	379,130	0.072	Durham	Durham City	\$37,913	2035
37	Chapel Hills	Vesson	University	B	5585,590	1.058	Durham	Durham City	\$558,559	2025
38	Cheek	Hoover	Junction	B	5460,260	1.034	Durham	Durham City	\$546,026	2025
39	CheekPW2	Geer	Hardee	A	2556,150	0.484	Durham	Durham City	\$255,615	2015
40	Club1	Ruffin	Ambridge	A	6296,050	1.192	Durham	Durham City	\$629,605	2015
41	Club2	Ambridge	Dearborn	B	4446,080	0.842	Durham	Durham City	\$444,608	2025
42	Cobb	Carroll	Duke	B	1984,680	0.376	Durham	Durham City	\$198,468	2025
43	Cole Mill	Sparger	Hillsborough	C	14011,000	2.654	Durham	Durham City	\$1,401,100	2035
44	Cook - Juliette	Fayetteville	Fayetteville	B	13264,400	2.512	Durham	Durham City	\$1,326,440	2025
45	Cornwallis1	Erwin	Chapel Hill	B	13320,900	2.523	Durham	Durham City	\$1,332,090	2025
46	Cornwallis3	Fayetteville	TW Alexander	B	13596,000	2.575	Durham	Durham City	\$1,359,600	2025
47	CornwallisA1	15-501	Roxboro	A	6184,760	1.171	Durham	Durham City	\$618,476	2015
48	CornwallisA2	Roxboro	Fayetteville	C	3460,410	0.655	Durham	Durham City	\$346,041	2035
49	Corporation1	Duke	Rigsbee	C	1903,390	0.360	Durham	Durham City	\$190,339	2035
50	Corporation2	Rigsbee	Mangum	C	1436,000	0.272	Durham	Durham City	\$143,600	2035
51	Dacian	Buchanan	Watts	C	310,139	0.059	Durham	Durham City	\$31,014	2035
52	DearbornA1	Old Oxford	Ruth	A	3957,340	0.749	Durham	Durham City	\$395,734	2015
53	DearbornA2	Ruth	Club	B	4470,350	0.847	Durham	Durham City	\$447,035	2025
54	Dixon	University	Archdale	C	3556,580	0.674	Durham	Durham City	\$355,658	2035
55	Duke Homestead	Carver	Guess	C	4539,290	0.860	Durham	Durham City	\$453,929	2035
56	Duke2	Leon	Club	B	3157,140	0.598	Durham	Durham City	\$315,714	2025
57	Duke3	Club	Minerva	C	4534,070	0.859	Durham	Durham City	\$453,407	2035
58	Duke4	Peabody	Memorial	B	253,689	0.048	Durham	Durham City	\$25,369	2025
59	Duke6	Cobb	Lakewood	B	855,514	0.162	Durham	Durham City	\$85,551	2025
60	DukeA1	Roxboro	Carver	B	5758,210	1.091	Durham	Durham City	\$575,821	2025
61	DukeA2	Carver	Murray	B	4148,350	0.786	Durham	Durham City	\$414,835	2025
62	Durham - Chapel Hill 1-40	15-501	15-501	B	13846,000	2.622	Durham	Durham City	\$1,384,600	2025
63	Durham - Chapel Hill	15-501	Cornwallis	B	7954,570	1.507	Durham	Durham City	\$795,457	2025
64	Durham - Chapel Hill	Cornwallis	University	B	4136,820	0.783	Durham	Durham City	\$413,682	2025
65	Englewood	Watts	Ruffin	C	2318,940	0.439	Durham	Durham City	\$231,894	2035
66	Erwin1B	Kerley	Mt. Sinai	B	2095,730	0.397	Durham	Durham City	\$209,573	2025
67	Erwin2	Cameron	LaSalle	B	4287,290	0.812	Durham	Durham City	\$428,729	2025
68	Erwin3	Flowers	Pettigrew	B	3343,540	0.633	Durham	Durham City	\$334,354	2025
69	Everett	Arbor	Edgevale	C	894,353	0.169	Durham	Durham City	\$89,435	2035
70	FayettevilleA1	Massey Chapel	Crooked Creek	B	5982,630	1.133	Durham	Durham City	\$598,263	2025

Pedestrian Network Element of the 2035 LRTP

No.	Project Name	From	To	Rank	Length (Feet)	Length (Miles)	County	Municipality	Cost	AQ Implement'n Year
71	FayettevilleA2	Woodcroft	MLK	A	8664.450	1.641	Durham	Durham City	\$866,445	2015
72	FayettevilleA3	MLK	Buxton	B	3846.420	0.728	Durham	Durham City	\$384,642	2025
73	FayettevilleA4	Buxton	Pilot	B	5959.010	1.129	Durham	Durham City	\$595,901	2025
74	FayettevilleA5	Nelson	Pekoe	B	796.112	0.151	Durham	Durham City	\$79,611	2025
75	Fern	Calvin	Driver	C	1722.790	0.326	Durham	Durham City	\$172,279	2035
76	Forestview	Forest Hills	Lakewood	C	1336.120	0.253	Durham	Durham City	\$133,612	2035
77	Formosa	Pekoe	Concord	C	855.838	0.162	Durham	Durham City	\$85,584	2035
78	Foster	Hunt	Monmouth	C	414.102	0.078	Durham	Durham City	\$41,410	2035
79	Freeman	Clayton	Valmet	B	6243.860	1.183	Durham	Durham City	\$624,386	2025
80	GarrettA1	Hope Valley	Swarthmore	A	5389.910	1.021	Durham	Durham City	\$538,991	2015
81	GarrettA2	Swarthmore	Old Chapel Hill	B	5535.590	1.048	Durham	Durham City	\$553,559	2025
82	GarrettA3	Old Chapel Hill	15-501	B	5374.980	1.018	Durham	Durham City	\$537,498	2025
83	GarrettA4	15-501	Pickett	B	5270.260	0.998	Durham	Durham City	\$527,026	2025
84	Geer1	Washington	Foster	C	498.795	0.094	Durham	Durham City	\$49,880	2035
85	Geer3	Elizabeth	Miami	B	3716.920	0.704	Durham	Durham City	\$371,692	2025
86	Geer4	Miami	Club	B	12785.100	2.421	Durham	Durham City	\$1,278,510	2025
87	Georgia	Hillsborough	Club	C	936.252	0.177	Durham	Durham City	\$93,625	2035
88	Gibson	Lynn	Mineral Springs	C	4416.390	0.836	Durham	Durham City	\$441,639	2035
89	Glendale1	Leon	Lavender	C	2375.330	0.450	Durham	Durham City	\$237,533	2035
90	Glendale2	I-85	Corporation	C	5481.040	1.038	Durham	Durham City	\$548,104	2035
91	Grandale	Barbee	Scott King	C	10859.500	2.057	Durham	Durham City	\$1,085,950	2035
92	Green1	Oakland	Carolina	C	1048.450	0.199	Durham	Durham City	\$104,845	2035
93	Green2	Carolina	Ninth	C	1117.440	0.212	Durham	Durham City	\$111,744	2035
94	Green3	Ninth	Broad	C	717.107	0.136	Durham	Durham City	\$71,711	2035
95	Green4	Watts	Glendale	C	4453.480	0.843	Durham	Durham City	\$445,348	2035
96	Gregson1	Duke	Club	C	1417.780	0.269	Durham	Durham City	\$141,778	2035
97	Gregson2	Club	Markham	B	2540.510	0.481	Durham	Durham City	\$254,051	2025
98	Guess1	Bramble	Redmond	C	4120.210	0.780	Durham	Durham City	\$412,021	2035
99	GuessA1	Hillcrest	Carver	B	6010.480	1.138	Durham	Durham City	\$601,048	2025
100	GuessA2	Carver	Horton	B	7164.250	1.357	Durham	Durham City	\$716,425	2025
101	Hammond	Farthing	Roxboro	C	861.391	0.163	Durham	Durham City	\$86,139	2035
102	HardeePW	Holloway	Cheek	B	5069.650	0.960	Durham	Durham City	\$506,965	2025
103	Hart	Maple	Harvard	C	2752.950	0.521	Durham	Durham City	\$275,295	2035
104	Herndon	Barbee	Ainsley	C	2448.960	0.464	Durham	Durham City	\$244,896	2035
105	Hillandale1	Rose of Sharon	Peppertree	B	4402.770	0.834	Durham	Durham City	\$440,277	2025

**Pedestrian Network Element of the 2035 L RTP**

No.	Project Name	From	To	Rank	Length (Feet)	Length (Miles)	County	Municipality	Cost	AQ Implement'n Year
106	HillandaleA1	Peppertree	Carver	A	6383.010	1.209	Durham	Durham City	\$638,301	2015
107	HillandaleA2	Carver	I-85	A	3420.290	0.648	Durham	Durham City	\$342,029	2015
108	Hillsborough1	Sparger	LaSalle	B	12854.700	2.435	Durham	Durham City	\$1,285,470	2025
109	Hillsborough2	LaSalle	Ninth	C	7933.120	1.502	Durham	Durham City	\$793,312	2035
110	HollowayA1	Guthrie	Miami	B	1906.870	0.361	Durham	Durham City	\$190,687	2025
111	HollowayA2	Miami	Junction	B	3417.710	0.647	Durham	Durham City	\$341,771	2025
112	HollowayA3	Junction	Chandler	B	5565.660	1.054	Durham	Durham City	\$556,566	2025
113	Holt School	Valley	Duke	C	1863.910	0.353	Durham	Durham City	\$186,391	2035
114	Hope ValleyA1	HWY 54	Swarthmore	A	6131.640	1.161	Durham	Durham City	\$613,164	2015
115	Hope ValleyA2	Swarthmore	Surrey	C	5768.520	1.093	Durham	Durham City	\$576,852	2035
116	Hope ValleyA3	Surrey	Archdale	B	4753.100	0.900	Durham	Durham City	\$475,310	2025
117	Hope ValleyA4	Archdale	15-501	A	5992.040	1.135	Durham	Durham City	\$599,204	2015
118	HortonA1	Hillandale	Stadium	B	5583.460	1.057	Durham	Durham City	\$558,346	2025
119	HortonA2	Stadium	Roxboro	B	4652.440	0.881	Durham	Durham City	\$465,244	2025
120	HWY 54 PW2	Alston	Miami	B	13582.800	2.572	Durham	Durham City	\$1,358,280	2025
121	HWY 54 PW3	Highgate	Fayetteville	B	3341.730	0.633	Durham	Durham City	\$334,173	2025
122	HWY54A1	Fayetteville	Barbee	B	5492.280	1.040	Durham	Durham City	\$549,228	2025
123	HWY54A2	Barbee	NC55	B	6605.000	1.251	Durham	Durham City	\$660,500	2025
124	HWY54A3	NC 55	Alston	B	2087.940	0.395	Durham	Durham City	\$208,794	2025
125	Hyde Park	Fern	Drew	C	2012.280	0.381	Durham	Durham City	\$201,228	2035
126	Indian	Hillandale	Albany	C	2300.720	0.436	Durham	Durham City	\$230,072	2035
127	James	Lakewood	University	C	4731.950	0.896	Durham	Durham City	\$473,195	2035
128	Jester	Alston	end	C	1201.970	0.228	Durham	Durham City	\$120,197	2035
129	Juniper	Hanover	Miami	B	4077.090	0.772	Durham	Durham City	\$407,709	2025
130	Kenan	Duke Homestead	Carver	C	2009.550	0.381	Durham	Durham City	\$200,955	2035
131	Kent1	Morehead	Lakewood	C	2016.400	0.382	Durham	Durham City	\$201,640	2035
132	Kent2	Lakewood	University	B	3612.890	0.684	Durham	Durham City	\$361,289	2025
133	Knox1	Watts	Vista	C	6806.500	1.289	Durham	Durham City	\$680,650	2035
134	Lakewood1	Chapel Hill	University	B	5446.560	1.032	Durham	Durham City	\$544,656	2025
135	Lakewood2	University	Blackwell	B	732.032	0.139	Durham	Durham City	\$73,203	2025
136	LasalleA1	Kangaroo	Erwin	A	2335.100	0.442	Durham	Durham City	\$233,510	2015
137	LasalleA2	Sprunt	Kangaroo	B	3631.150	0.688	Durham	Durham City	\$363,115	2025
138	Latta	Guess	Roxboro	B	6347.330	1.202	Durham	Durham City	\$634,733	2025
139	Lebanon	Guess	Guess	B	3014.650	0.571	Durham	Durham City	\$301,465	2025
140	Leon	Duke	Glendale	B	2270.770	0.430	Durham	Durham City	\$227,077	2025

Pedestrian Network Element of the 2035 LRTP

No.	Project Name	From	To	Rank	Length (Feet)	Length (Miles)	County	Municipality	Cost	AQ Implement'n Year
141	Liberty1	Dillard	Alston	B	2641.860	0.500	Durham	Durham City	\$264,186	2025
142	Liberty2	Park	Miami	B	3139.340	0.595	Durham	Durham City	\$313,934	2025
143	Luther	Rose of Sharon	Rose of Sharon	C	4933.940	0.934	Durham	Durham City	\$493,394	2035
144	Lynn	Gibson	Miami	C	2643.740	0.501	Durham	Durham City	\$264,374	2035
145	Main	Briggs	Gary	B	1154.650	0.219	Durham	Durham City	\$115,465	2025
146	Maple1	Liberty	Taylor	C	1339.820	0.254	Durham	Durham City	\$133,982	2035
147	Maple2	Taylor	Angier	C	2097.090	0.397	Durham	Durham City	\$209,709	2035
148	Markham1	Ninth	Washington	B	6624.360	1.255	Durham	Durham City	\$662,436	2025
149	Markham2	Washington	Avondale	A	5877.510	1.113	Durham	Durham City	\$587,751	2015
150	Martin Luther King	Yorktown	HWY 55	C	1239.360	0.235	Durham	Durham City	\$123,936	2035
151	Maryland	Guess	Club	C	3179.330	0.602	Durham	Durham City	\$317,933	2035
152	Masondale	Roxboro	Formosa	C	1040.440	0.197	Durham	Durham City	\$104,044	2035
153	Mathison	Ridgeway	End	C	1215.230	0.230	Durham	Durham City	\$121,523	2035
154	Merrimac	Morehead	House	C	295.719	0.056	Durham	Durham City	\$29,572	2035
155	Miami	Angier	Stirrup Creek	B	10509.700	1.990	Durham	Durham City	\$1,050,970	2025
156	MidlandPW	Cheek	Geer	B	3647.070	0.691	Durham	Durham City	\$364,707	2025
157	Milton	Tom Wilkinson	Roxboro	B	3603.790	0.683	Durham	Durham City	\$360,379	2025
158	Morehead1	Anderson	Shepherd	C	5869.710	1.112	Durham	Durham City	\$586,971	2035
159	Morehead3	Duke	Roxboro	B	3689.820	0.699	Durham	Durham City	\$368,982	2025
160	Morreene1	Neal	Campus Walk	B	5146.890	0.975	Durham	Durham City	\$514,689	2025
161	Morreene2	Campus Walk	Erwin	B	2888.080	0.547	Durham	Durham City	\$288,808	2025
162	Murray	Broad	Roxboro	B	6991.050	1.324	Durham	Durham City	\$699,105	2025
163	Newby	Horton	Holt School	C	1649.670	0.312	Durham	Durham City	\$164,967	2035
164	Ninth	Club	Pettigrew	C	133.513	0.025	Durham	Durham City	\$13,351	2035
165	North Bend	Carpenter Fletcher	Meridian	C	533.440	0.101	Durham	Durham City	\$53,344	2035
166	North Pointe	Woodmont	Broad	B	4495.620	0.851	Durham	Durham City	\$449,562	2025
167	Oakland	Sprunt	Green	C	3457.760	0.655	Durham	Durham City	\$345,776	2035
168	Old Chapel Hill A1	Pope	Garrett	B	8772.170	1.661	Durham	Durham City	\$877,217	2025
169	Old Chapel Hill A2	University	Archdale	C	6781.610	1.284	Durham	Durham City	\$678,161	2035
170	Old Chapel Hill A3	Archdale	University	C	3315.530	0.628	Durham	Durham City	\$331,553	2035
171	Old Oxford	Roxboro	Dearborn	B	2762.060	0.523	Durham	Durham City	\$276,206	2025
172	Pettigrew	Fayetteville	Briggs	B	7315.350	1.385	Durham	Durham City	\$731,535	2025
173	Pinecrest	Academy	Marion	C	2343.400	0.444	Durham	Durham City	\$234,340	2035
174	Randolph	Soiterra Way	Pickett	B	3064.120	0.580	Durham	Durham City	\$306,412	2025
175	RaynorPW	Miami	Hardee	B	1819.860	0.345	Durham	Durham City	\$181,986	2025

Pedestrian Network Element of the 2035 LRTP

No.	Project Name	From	To	Rank	Length (Feet)	Length (Miles)	County	Municipality	Cost	AQ Implement'n Year
176	RiddleA1	Fayetteville	HWY 55	B	4420.440	0.837	Durham	Durham City	\$442,044	2025
177	RiddleA2	HWY 55	Ellis	B	5695.230	1.079	Durham	Durham City	\$569,523	2025
178	Ridgeway	Mathison	Lakeland	C	1357.700	0.257	Durham	Durham City	\$135,770	2035
179	Rose of Sharon	Cole Mill	Guess	C	13361.700	2.531	Durham	Durham City	\$1,336,170	2035
180	Roxboro2	Pacific	Murray	A	7418.380	1.405	Durham	Durham City	\$741,838	2015
181	Roxboro3	Davidson	Knox	B	2073.690	0.393	Durham	Durham City	\$207,369	2025
182	Roxboro5	Holloway	Liberty	B	262.525	0.050	Durham	Durham City	\$26,252	2025
183	Roxboro6	Enterprise	Cornwallis	A	8747.800	1.657	Durham	Durham City	\$874,780	2015
184	Roxboro7	Cornwallis	Oak Ridge	C	2740.120	0.519	Durham	Durham City	\$274,012	2035
185	Roxboro8	Juliette	Hope Valley	C	8671.830	1.642	Durham	Durham City	\$867,183	2035
186	RoxboroA1	Pacific	Monk	B	4823.270	0.913	Durham	Durham City	\$482,327	2025
187	RoxboroA2	Monk	Infinity	B	6996.280	1.325	Durham	Durham City	\$699,628	2025
188	RoxboroA3	Infinity	Tom Wilkinson	B	6470.040	1.225	Durham	Durham City	\$647,004	2025
189	Seaton	Revere	Wenonah	C	2187.400	0.414	Durham	Durham City	\$218,740	2035
190	Sedwick	Grandale	Alston	B	9288.050	1.759	Durham	Durham City	\$928,805	2025
191	Shannon	Durham-Chapel Hill	Old Chapel Hill	B	5472.490	1.036	Durham	Durham City	\$547,249	2025
192	Shoreham	University	Stuart	C	664.518	0.126	Durham	Durham City	\$66,452	2035
193	Solitude	Whisperwood	Sedwick	C	1331.310	0.252	Durham	Durham City	\$133,131	2035
194	Sparger	Cole Mill	Stafford	C	10352.200	1.961	Durham	Durham City	\$1,035,220	2035
195	Swarthmore	end	Hope Valley	C	6212.370	1.177	Durham	Durham City	\$621,237	2035
196	Swift	Duke University	Durham Freeway	B	2676.610	0.507	Durham	Durham City	\$267,661	2025
197	Taylor1	Elizabeth	Alston	B	2038.720	0.386	Durham	Durham City	\$203,872	2025
198	Taylor3	Guthrie	Gary	B	1632.180	0.309	Durham	Durham City	\$163,218	2025
199	Tom Wilkinson	Milton	Roxboro	C	1219.320	0.231	Durham	Durham City	\$121,932	2035
200	Trinity2	Rosetta	Edgar	B	2632.490	0.499	Durham	Durham City	\$263,249	2025
201	Umstead1	Scout	Merrick	B	2086.750	0.395	Durham	Durham City	\$208,675	2025
202	Umstead2	Riverdale	Guess	C	6921.410	1.311	Durham	Durham City	\$692,141	2035
203	University1	Old Chapel Hill	Ivy Creek	B	3588.730	0.680	Durham	Durham City	\$358,873	2025
204	University2	Martin Luther King	Old Chapel Hill	B	5335.560	1.011	Durham	Durham City	\$533,556	2025
205	University3	Old Chapel Hill	Hope Valley	A	4091.050	0.775	Durham	Durham City	\$409,105	2015
206	University4	Hope Valley	Forest Hills	B	6470.530	1.225	Durham	Durham City	\$647,053	2025
207	University5	Forest Hills	Lakewood	B	3374.580	0.639	Durham	Durham City	\$337,458	2025
208	Urban	Buchanan	Washington	C	3080.180	0.583	Durham	Durham City	\$308,018	2035
209	Valley	Casa	Holt School	C	1885.060	0.357	Durham	Durham City	\$188,506	2035
210	Vickers	Proctor	University	C	2357.610	0.447	Durham	Durham City	\$235,761	2035

Pedestrian Network Element of the 2035 LRTP

No.	Project Name	From	To	Rank	Length (Feet)	Length (Miles)	County	Municipality	Cost	AQ Implement'n Year
211	Wabash	end	Plum	C	2488.470	0.471	Durham	Durham City	\$248,847	2035
212	Ward	Chapel Hill	Forest Hills	C	4514.890	0.855	Durham	Durham City	\$451,489	2035
213	Washington	Glendale	Urban	B	5325.100	1.009	Durham	Durham City	\$532,510	2025
213	Watts	Green	Englewood	C	1999.950	0.379	Durham	Durham City	\$199,995	2035
									<b>\$89,555,622</b>	

# ITS/CMS/TDM



**DCHC-MPO 2035 LRTP : ITS Component**  
Intelligent Transportation Systems

	<b>ITS Component of the 2035 LRTP</b>	<b>2035 LRTP Cost Estimates</b>
<b>1</b>	<b>Freeway Management I-40, I-85, US 15-501, US 70, NC 147, Triangle Parkway, East End Connector</b>	\$17,550,000
	Electronic Surveillance and traffic monitoring	
	Ramp metering	
	DMS	
	HAR	
	CCTV	
	IMAP Expansion	
<b>2</b>	<b>Incident Management System</b>	\$7,450,000
2.1	Surveillance cameras	
2.2	Incident Management algorithms	
2.3	Cell phone communication	
2.4	On-Call sErvice Patrol/Towing Services	
2.5	Road access and disruption mangement system	
	Work zone safety monitoring	
<b>3</b>	<b>Arterial Mangement (advanced signal/traffic control systems)</b>	\$79,740,000
	CCTVs	
	DMS	
	Fibers/communications	
	Traffic Adaptive signals	
	Signal Systems upgrade and Enhancements	
<b>4</b>	<b>Public Transportation ITS - Regional Rail (Phase1, Phase 2, NC54; and Buses: Chapel Hill Transit ( 245 fixed route buses, 38 demand-responsive buses. )</b>	\$21,000,000
4.1	Automated Vehicle Tracking-AVL/AVI	
4.2	Eletronic Fare Payment including smard card fare system	
4.3	Public Transporttaion (Transit Center)	

**DCHC-MPO 2035 LRTP : ITS Component**  
 Intelligent Transportation Systems

	<b>ITS Component of the 2035 LRTP</b>	<b>2035 LRTP Cost Estimates</b>
4.4	Real time bus information (bus stops and transfer centers)	
4.5	Transit corridor priority systems and multi-modal coordination	
4.6	Web-based scheduling system and trip planner	
4.7	Transit security	
	Transit center**	
<b>5</b>	<b>Rail Operation Information Network</b>	\$2,300,000
5.1	Operation network	
5.2	Rail Crossing	
<b>6</b>	<b>Advanced Traveler Information System (ATIS)</b>	\$4,000,000
<b>7</b>	<b>Electronic Toll/transponders/smart card for Triangle Parkway and I-40 HOT</b>	\$4,000,000
<b>8</b>	<b>Emergency Mangement</b>	\$4,900,000
8.1	HAZMAT Mangement	
8.2	Emergency routing	
8.3	Weather Information Processing and Distribution	
<b>9</b>	<b>ITS Data Wharehouse and Archive</b>	\$2,800,000
<b>10</b>	<b>Commercial Vehicle ITS</b>	\$2,700,000
	<b>Total ITS Investment</b>	<b>\$146,440,000</b>

**Projects Descriptions**

	Deployment of Variable Message Sign along Arterials cross I-40, I-85, NC 147, US 70 and US 15-501	

**DCHC-MPO 2035 LRTP : ITS Component**  
 Intelligent Transportation Systems

	<b>ITS Component of the 2035 LRTP</b>	<b>2035 LRTP Cost Estimates</b>
	Deployment of video traffic system and traveler information system that provide live and still image data via cable television and internet. Deployment locations to include transportation center/kiosk.	
	Signal upgrade	
	Advanced Signal Priority System for Transit	
	Regional rail and intercity rail Operations Information Network for distributing information on service status, passengers, operators/staff and mangement center	
	Transit Priority Systems along major DATA, CHT and TTA routes (approx. 25 routes within the MPO)	
	School Bus ITS system	
	CCTV	
	DMS	

# Preferred Option Costs and Revenue Summary

**DCHC 2035 Long-Range Transportation Plan (LRTP)**  
**Preferred Option Transportation Plan Elements : Cost Estimates**

<b>COST ESTIMATES (2008 Dollars)</b>		
<b>No.</b>	<b>Cost Componests</b>	<b>2035 LRTP (2008 \$)</b>
<b>1</b>	<b>Highway</b>	
1.1	construction/Improvements	\$3,339,881,960
1.2	Maintenance	\$1,018,070,580
	Total Highway Cost Estimates	\$4,357,952,540
<b>2</b>	<b>Others</b>	
2.0	Non Motorized Transportation	
2.1	Bike Facilities	\$542,834,780
2.1	Sidewalks & Pedestrian Walkways	\$180,435,000
	Total non-motorized	\$723,269,780
<b>3</b>	<b>ITS/CMS/TDM</b>	\$193,306,300
	Total Others	\$916,576,080
<b>4</b>	<b>Transit/Public Transportation</b>	
4.1	<i>Buses (local and Express)- bus component of the light rail option</i>	
4.1.1	Bus Capital Cost	\$291,091,330
4.1.2	Bus Operating & Maintenance	\$466,568,840
4.1.3	Amenities and Park&Ride	\$46,550,400
	Total Bus Cost	\$804,210,570
4.2	<i>Fixed guideway</i>	
4.2.1	Fixed Guideway Capital	\$0
4.2.2	Fixed Guideway Operating & Maintenance	\$0
	Total Fixed Guideway Cost Estimate	\$0
4.3	Rail Corridor Protection	\$12,454,700
	Total Transit/Public Transportation Cost Estimate	\$816,665,270

**DCHC 2035 Long-Range Transportation Plan (LRTP)  
 Preferred Option Transportation Plan Elements : Cost Estimates**

<b>COST ESTIMATES (2008 Dollars)</b>		
<b>No.</b>	<b>Cost Componests</b>	<b>2035 LRTP (2008 \$)</b>
<b><u>TOTAL COST ESTIMATES</u></b>		<b><u>\$6,091,193,890</u></b>

2035 LRTP Revenue Summary Table

TCC 10/22/08 Attachment 5

2035 LRTP Revenue Table		
<b>1</b>	<b>Highway Funding</b>	<u>Amount</u>
1.1	Federal/State Construction	\$ 2,774,801,447
1.2	Federal/State Maintenance	\$ 1,018,070,580
1.3	N.C. Highway Trust Fund	\$ 683,621,383
1.4	N.C. Turnpike Authority Projects	\$ 156,700,000
	Local (CIP)	\$ 71,845,820
	Private	\$ -
	<b>Total</b>	<b>\$ 4,705,039,230</b>
<b>Bus Transit Funding</b>		
	Federal/State Capital	\$ 81,488,210
	Federal/State Op./Mtce/Planning	\$ 90,172,140
	Local	\$ 438,481,620
	Fares	\$ 263,798,020
	Private - Capital (Duke and NCCU)	\$ 25,377,310
	Private - Operating (Duke and NCCU)	\$ 124,767,220
	<b>Total</b>	<b>\$ 899,317,300</b>
<b>Fixed Guideway Transit Funding</b>		
	Federal	\$ -
	State	\$ -
	Fares	\$ -
	<b>Total</b>	<b>\$ -</b>
<b>Other Funding (bike/ped)</b>		
	Federal	\$ 1,850,000
	Local	\$ 36,500,000
	Total Others	\$ 38,350,000
	<b>TOTAL Traditional Revenue</b>	<b>\$ 5,642,706,530</b>
<b>Local Revenue Source Funding</b>		
	Vehicle Rental Tax	\$ -
	Bonds?	\$ -
	Sales Tax	\$ -
	Vehicle Registration Fee	\$ -
	Tax Increments Financing	\$ -
	Special Tax District	\$ -
	Etc...	\$ -
	<b>Total</b>	<b>\$ -</b>
<b>Highway and Transit Funding</b>		
	Federal Highway ("flexible)	\$ -
	<b>Total</b>	<b>\$ -</b>