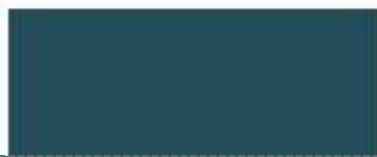




Overview Presentation

Durham-Orange Light Rail Transit Project

August 2015



High-Growth Triangle Region



- Durham & Orange Corridor
 - 175,000 people (2005)
 - 231,000 people (2035)
- 3 Major Universities
- 3 Major Medical Centers
- Hub of innovation and entrepreneurship
- Abundant parks, cultural, culinary, artistic & historical resources



UNC
HEALTH CARE



DukeMedicine



U.S. Department
of Veterans Affairs



Explosive Growth



- Led to more congestion, increased travel times & sprawling development
- Outpacing our ability to repair, replace and expand roadway network
- Transit systems operating close to maximum capacity
 - 84 buses per hour at UNC Hospitals
 - 46 buses per hour at Duke University and Durham VA Medical Centers



What We Need

- A long term solution that
 - Provides convenient and accessible transit service
 - Provides a competitive and reliable alternative to congested roadways
 - Seamlessly serves many popular destinations in Durham and Chapel Hill
 - Fosters growth, compact development and economic development along a high-capacity transportation network

Regional Transit Plan Milestones

2006

**STAC
Convened**

- Special Transit Advisory Commission
- Citizen Advisory Group, convened by CAMPO & DCHC-MPO

2008

**STAC
Report**

- Enhanced Region-Wide Bus Network & Local Circulators
- Commuter & Light Rail Service
- Local Funding Options & Priorities

2009-10

**MPOs Adopt
LRTP**

- Long Range Transportation Plan
- 2010 Triangle Transit began rail corridor analysis



Implementing the Plan

2011

**Durham County
Voters Approve
Sales Tax**

- 60.1% majority
- 16,754/27,858

2012

**Orange County
Voters Approve
Sales Tax**

- 58.9% majority
- 42,152/71,588

2012-14

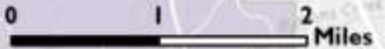
**GoTriangle
Began
Implementation**

- Bus & Rail Investment Plan
- New bus services and improvements to existing service and amenities
- GoTriangle entered project development for the D-O LRT Project



Durham-Orange

Light Rail Project



Map Data by Esri, AECOM and others. Copyright 2015 GoTriangle. All rights reserved. Revised August 2015.

Our Project



- 17-miles serving 17 stations of currently developed and ready to be developed areas
- Electrically powered system that runs in a dedicated guideway
- Travels between UNC Hospitals & Alston Avenue in ~42 min
- Operates 7 days a week
 - 10 min during peak times
 - 20 min off-peak and on weekends





Courtesy of Charlotte Area Transit System



Courtesy of Norfolk TIDE: LRT at Intersection



CATS Vehicle Maintenance Facility



CATS Station Platform

What Light Rail Brings to Communities



- **Consistent, reliable transportation**
 - Often accompanied with other service and capital improvements
- **Increased Development Activity**
 - Property values around stations often increase
 - Investments made in infrastructure around stations
- **Economic Opportunity**
 - Jobs during construction period
 - Jobs when operating and maintaining system

Morning Rush Hour Travel Times



Origin	Destination	Bus Today	Car Today	Light Rail 2025 & beyond
Alston Avenue	Patterson Place	51 min.	14-18 min.	27 min.
Leigh Village	UNC Hospitals	28 min.	10-18 min.	12 min.
Gateway Station	Downtown Durham	51 min.	14-20 min.	28 min.
Woodmont Station	Duke/VA	69 min.	16-26 min.	24 min.
Ninth Street	UNC Hospitals	69 min.	22-35 min.	34 min.
MLK Jr. Parkway	Downtown Durham	29 min.	9-12 min.	17 min.

Why This Route



HILLSBOROUGH

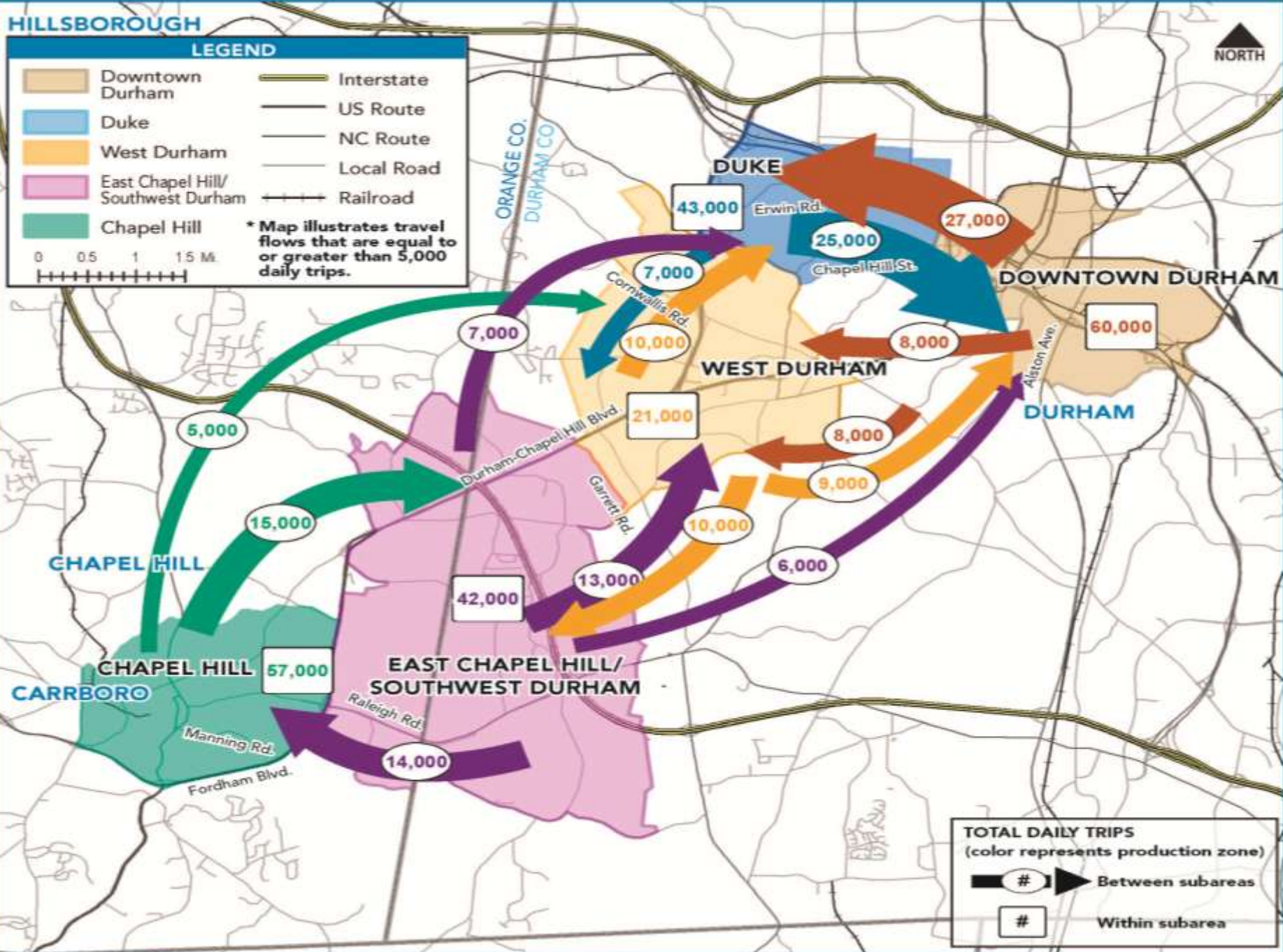
LEGEND

- | | |
|--|--|
|  Downtown Durham |  Interstate |
|  Duke |  US Route |
|  West Durham |  NC Route |
|  East Chapel Hill/Southwest Durham |  Local Road |
|  Chapel Hill |  Railroad |


0 0.5 1 1.5 M.




* Map illustrates travel flows that are equal to or greater than 5,000 daily trips.

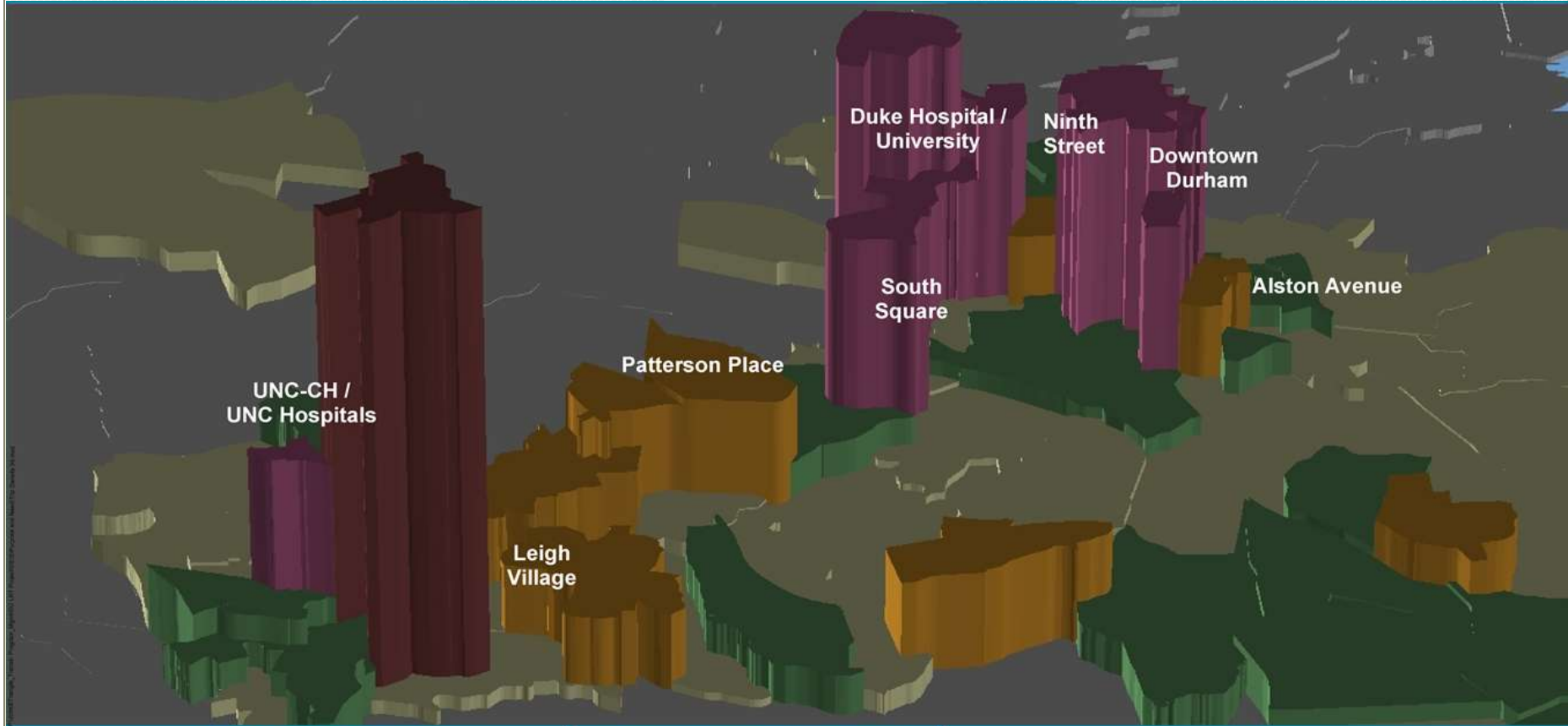


TOTAL DAILY TRIPS
(color represents production zone)

 # Between subareas

 # Within subarea

Travel Intensity



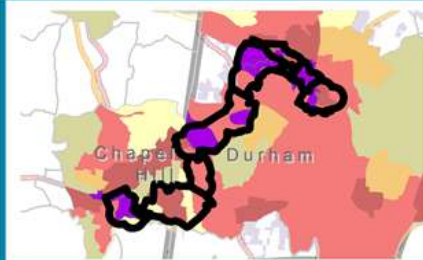
Travel Intensity

DURHAM-ORANGE LIGHT RAIL TRANSIT PROJECT



Note:
Figure Not To Scale

Sources: ESRI, CGIA, NCDOT, TTA, and URS



Trips / Sq Mi

< 9,083

9,083 - 22,137

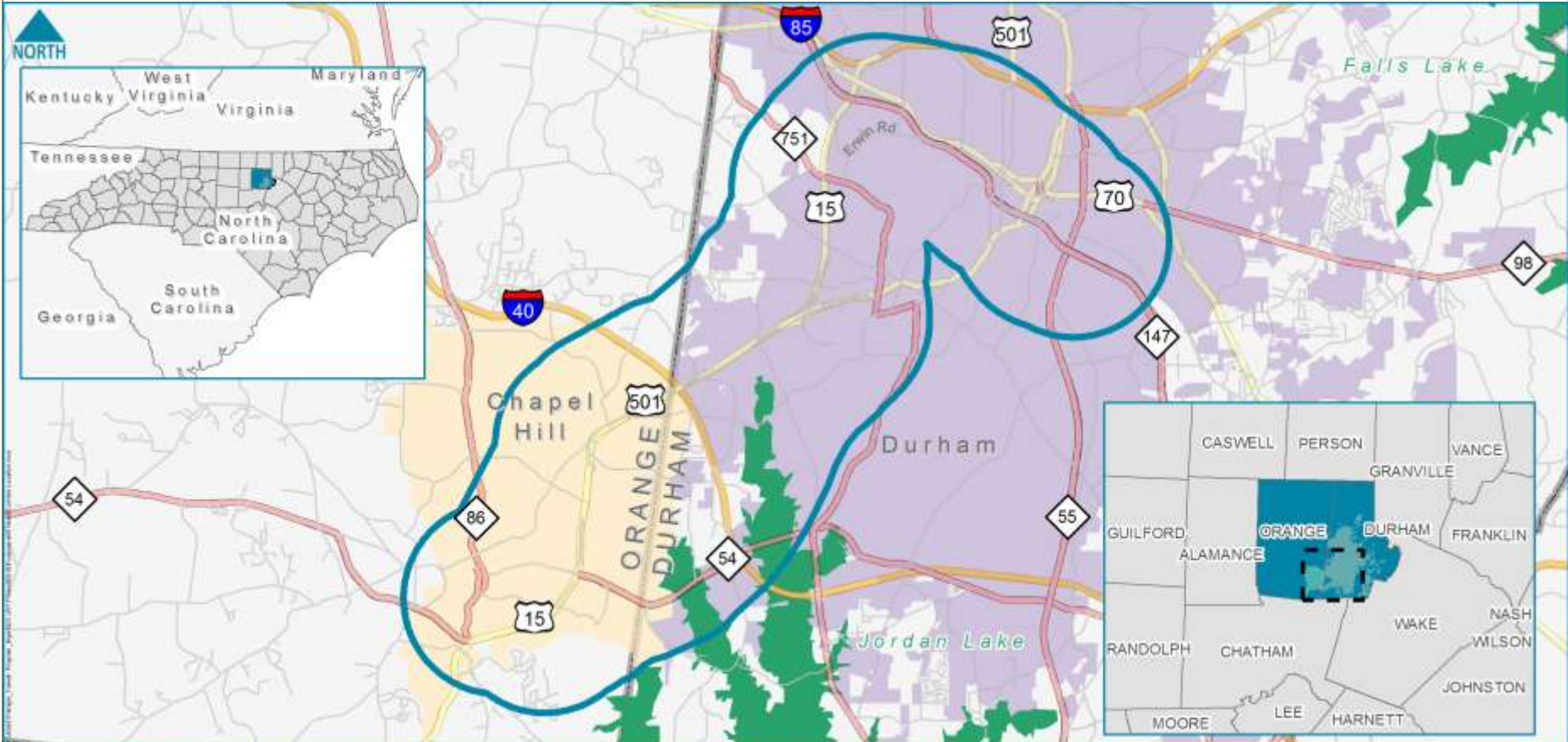
22,137 - 41,259

41,259- 80,626

80,626 - 150,801

> 150,801

The Durham-Orange Study Corridor



D-O Corridor Location Map

DURHAM-ORANGE LIGHT RAIL TRANSIT PROJECT



Sources: ESRI, CGIA, NCDOT, and AECOM



- Durham-Orange Corridor
- USACE Reservoir and Recreation Area
- County Boundary
- Chapel Hill
- Durham
- Interstate
- US Highway
- NC Highway
- State Road



Durham-Orange

Light Rail Project



Project Timeline



We are here



2014-2016



2016-2019



2019-2026

**Project
Development**

- Evaluate alternatives & recommend the NEPA Preferred Alternative
- Complete environmental impact statement (EIS) & preliminary engineering

**Final Design/
Engineering**

- Complete Final Design and Engineering
- Acquire state and local funding commitments
- Begin property negotiations and acquisitions

Construction

- Execute Full Funding Grant Agreement
- Begin construction
- Order vehicles and equipment

Questions?



Going Forward



WE NEED TO HEAR FROM YOU

DEIS Public Hearing Process



- Published by the Federal Transit Administration around the end of August
- 45-day public comment period
 - Posted on **ourtransitfuture.com**, printed copies available for public access
 - Two Information Sessions
 - Two Public Hearings
- Comments submitted will be responded to in the Final Environmental Impact Statement available Late Winter/Early Spring.

How You Can Connect With Us



- Email: info@ourtransitfuture.com
- Mail a letter to: Our Transit Future, P.O. Box 530, Morrisville NC, 27560
- Call us at: 800.816.7817
- Complete our online survey
- Submit a comment form at a public meeting