“Getting It Done”

More than 2,000 years ago Hippocrates’ observed that

*Our well-being is affected by our settings*

...which became a cornerstone of western medicine

Nashville Southeast Corridor Public Forum – September 2004
“Getting It Done”

In Post-World War II Communities...

- Significant Public Policy initiatives spurred outward growth
"Getting It Done"

In Post-World War II Communities...

- Reliance on the private automobile begins to eclipse transit use
“Getting It Done”

Trends in Transit Decline

Ridership
- 1946 - Highest year, 23.4 billion
- 1972 - Lowest Year, 6.567 billion
- 1999 - On the rise, 9 billion

Number of transit systems in Operation in United States
- 1959 - 1225
- 1970 - 1,075
- 1992 - 495
“Getting It Done”

In Post-World War II Communities...

- Zoning to separate land uses becomes the norm
“Getting It Done”

Wake County Home Growth: 2005 - 2025

- 100 Dwelling Units - 2005
- 100 Dwelling Units in 2025

Prepared by Jill Harper, CAMPO
Triangle Region:
Chapel Hill
Durham
Research Triangle Park
Cary
Morrisville
Raleigh
“Getting It Done”

Forces of Change:

<table>
<thead>
<tr>
<th></th>
<th>1995</th>
<th>2025</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Population</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Durham County</td>
<td>196,400</td>
<td>300,710</td>
<td>53%</td>
</tr>
<tr>
<td>Orange County</td>
<td>88,331</td>
<td>140,900</td>
<td>60%</td>
</tr>
<tr>
<td>Wake County</td>
<td>485,378</td>
<td>1,117,329</td>
<td>130%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>770,109</td>
<td>1,558,939</td>
<td>102%</td>
</tr>
<tr>
<td><strong>Jobs</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Durham County</td>
<td>150,817</td>
<td>245,323</td>
<td>63%</td>
</tr>
<tr>
<td>Orange County</td>
<td>37,397</td>
<td>68,130</td>
<td>82%</td>
</tr>
<tr>
<td>Wake County</td>
<td>247,898</td>
<td>594,870</td>
<td>140%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>436,112</td>
<td>908,323</td>
<td>108%</td>
</tr>
</tbody>
</table>

Source: Capital Area & Durham-Chapel Hill-Carrboro Metropolitan Planning Organizations
“Getting It Done”

Forces of Change:

NC Population & VMT Growth

Source: NC Department of Transportation
“Getting It Done”

Forces of Change:

Air Quality

Source: Western North Carolina Alliance
“Getting It Done”

Forces of Change:

Consequences of Growth

Positive
- Robust Economy
- National Recognition
- Optimistic Future
- A Great Place to Live & Work

Negative
- Suburban Sprawl
- Air and Water Quality Concerns
- Increasing Traffic Congestion
- Lack of Transportation Choices
- Loss of Community Identity
“Getting It Done”

Forces of Change:

The Auto Dependent Transportation System -

- Constrains access to jobs and employees
- Threatens long-term economic competitiveness
- Limits choices in housing
- Discourages walking, biking, transit use - increases need for road widening
- Contributes significantly to pollution
- By 2025, vehicle hours traveled projected to increase 2.7 times
- Peak hour travel in congestion
  - 1990 >16%
  - 2020 >29%
“Getting It Done”

So what are we to do...
“Getting It Done”

“It must be remembered that there is nothing more difficult to plan, more doubtful of success, nor more dangerous to manage, than the creation of a new system.

For the initiator has the enmity of all who would profit by the preservation of the old institutions and merely lukewarm defenders in those who would gain by the new ones.”

*The Prince* by Machiavelli, 1513
“Getting It Done”

It helps to have a champion – or in our case four champions

Four Mayors:
- Wib Gulley, Durham
- Jonathan Howes, Chapel Hill
- Avery Upchurch, Raleigh
- Koka Booth, Cary
“Getting It Done”

Triangle Transit Authority

Organization
- Established in 1989 as independent unit of local government
- 13 Member Board of Trustees
- Jurisdiction includes Durham, Orange and Wake Counties
- $5 Vehicle Registration Tax (authorized 1991)
- 5% Rental Car Tax (authorized 1994)

Programs
- Vanpool, Carpool (1989) & Transportation Demand Management
- Regional Bus (1993) & Para-Transit Service
- High Capacity Transit Planning & Implementation
Regional Studies & Actions:

1986:

1987:
- “World Class Region Conference” held and regional leaders agree commuting options between/among their communities is critical issue. Begin negotiating terms.

1989:
- “Regional Transportation Service: Market Analysis & Service Plan (Ecosometrics, Inc) studies viability of transit. Concludes is viable if oriented to work trips and IF land-use changes occur.
Regional Studies & Actions Continued:

- **1990:**
  - “Research Triangle Regional Transit/Land-use Study” (Barton-Aschman) studies minimum land-use action required for fixed guideway transit.
  - “Land-use & Public Transportation Action Agenda” jointly adopted by CAMPO & DCHC MPOs determines next steps to access viability of recommendations from previous studies.

- **1991:**
  - TTA proposes the “Fixed Guideway Study” to develop consensus within region on desirability, feasibility and location of a fixed guideway transit system. Secures FTA grant for study.
Regional Studies & Actions Continued:

- **1992:**
  - “Fixed Guideway Study” Peer Review Panel assembled. Critiqued design of study & brought experience from other studies, highlighted likely problems & suggested actions to assure effective study.
  - Regional Land-use/Transportation Modeling Peer Review panel convened. Provided guidance on development of a region model to meet current and emerging planning & analysis needs.
“Getting It Done”

Triangle Fixed Guideway Study

- **Purpose of Study**
  - To develop consensus within the Triangle on future land-use and public transportation alternatives for the region.

- **Phases of Study:**
  - Study Design
  - Develop tools & define current trend future
  - Develop alternative Scenarios
  - Develop final plan & recommendations

- **Study Management Structure**
  - State, County City Governments
  - TTA Board of Trustees
  - Management Team
  - Technical Team
  - Advisory Group – Citizens Advisory Committee
  - Consultant Team
“Getting It Done”

Triangle Fixed Guideway Study

- Building Public Support
  - Management Team
  - Technical Team
  - Citizens’ Advisory Committee:
    - Appointed by member governments and TTA Board
      - Created to assist TTA to develop consensus within the region
      - 95-member body representing business & civic groups, professionals and residents from throughout the Triangle. Diverse and representative group.
      - Met quarterly throughout the study
"Getting It Done"

Building Public Support

- Land Use and Transportation Conference
  - 360 attended from 30 municipalities
  - Participants developed optimal regional vision
- “Community Fixed Guideway Buscapade”
  - Visited VA, Washington DC, Baltimore, MD
- TTA Quarterly Newsletter
- Open Houses
  - Held in each community in the region for optimum attendance
  - Strategically timed to critical decision points
“Getting It Done”

Building Public Support

- “Regio-Sprinter Demonstration Project
  - Events held in Durham, Raleigh, Cary and Carrboro attended by thousands
- Annual reports to member governments elected bodies
- Milestone Celebrations
  - If there is ANY milestone TTA throws a party!
- Station Area Planning Meetings
  - TTA Art in Transit Program
- Presentations, Presentations, Presentations
  - To civic, neighborhood, business groups throughout region
“Getting It Done”

Regional Rail Phase I

Project Elements

- 35 mile, exclusive, double track system; 16 stations
- Bi-directional, diesel multiple train units
- Park-and-ride, bus and kiss-and-ride facilities
- Municipal, university and regional bus access
- Shuttle connections to RDU and within RTP
“Getting It Done”

“The human mind once stretched to a new idea never goes back to its original dimensions”

Oliver Wendell Holmes
“Getting It Done”

Presentation materials courtesy of:

- Triangle Transit Authority
- Main Street Program/Office of Urban Development, North Carolina Division of Community Assistance
- Capital Area MPO
- Research Triangle Foundation

Nashville Southeast Corridor Public Forum – September 2004
“Getting It Done”

For more information about the Triangle Transit Authority Regional Rail Transit Plan contact:

Juanita Shearer-Swink  
Project Manager, Architecture  
P. O. Box 13787  
Research Triangle Park, NC  27709  
(919) 485-7412