

2030 Long Range Transportation Plan



WILMINGTON URBAN AREA
Metropolitan Planning Organization

Public Involvement Process

- **Four 2.5-hour meetings**
- **Leland Town Hall,
Laney High School,
Carolina Beach Town
Hall & Wilmington City
Hall**
- **Documented public
comments and
incorporated into plan**



Analysis

- **Economic & demographic forecasts**
- **Cape Fear Regional Household Travel Survey**
- **External cordon travel surveys**



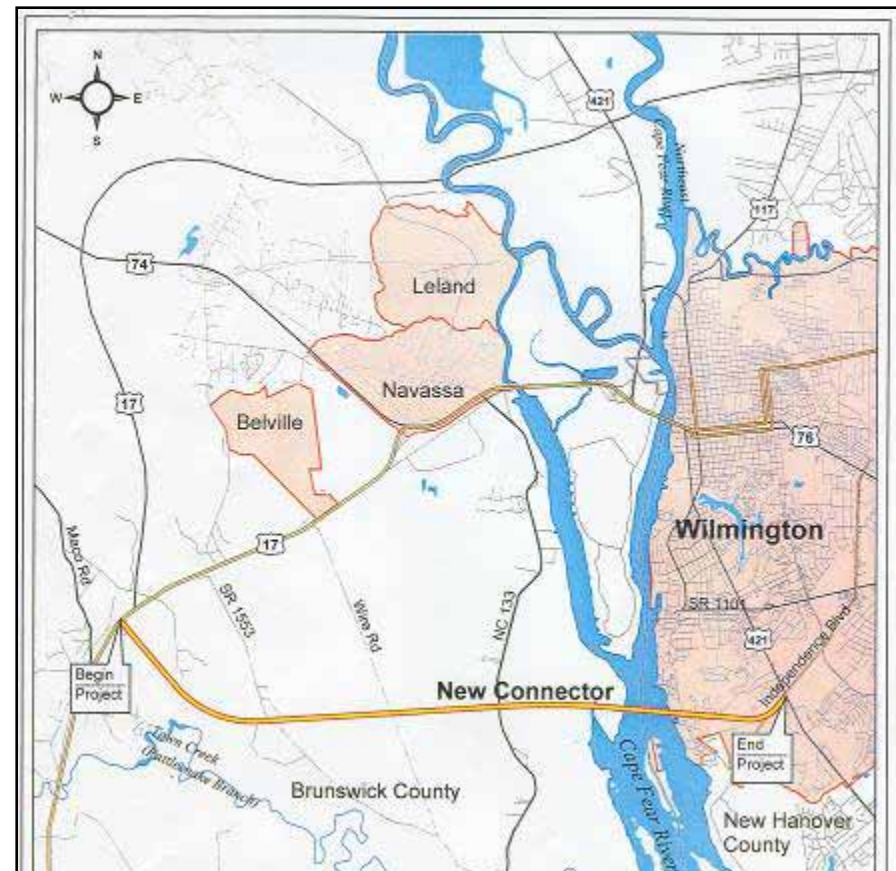
Wilmington Bypass

- I-140 Wilmington Bypass between Porters Neck and Winnabow
- Status:
 - Porters Neck to US 421 section is complete
 - Design for US 421 to Winnabow section complete



Cape Fear Skyway

- Provide access from US Highway 17 in Brunswick County to US Highway 421 in New Hanover County
- NC Turnpike Authority toll project
- Costs estimated to be between \$400-900 million
- Status: gap funding not yet identified



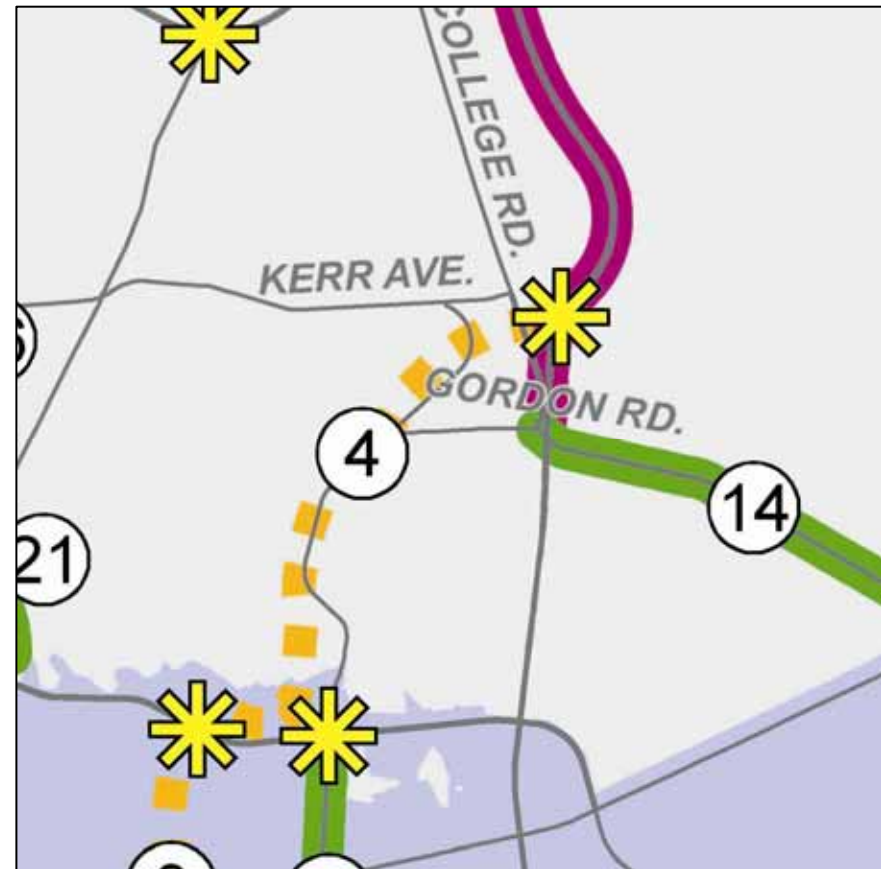
Independence Blvd Extension

- Four- to six-lane divided facility from Randall Parkway to Martin Luther King, Jr. Parkway
- Funding for planning and environmental study only
- Provide for improved mobility within and through the Wilmington Urban Area
- Status: No funding for right-of-way purchase or construction



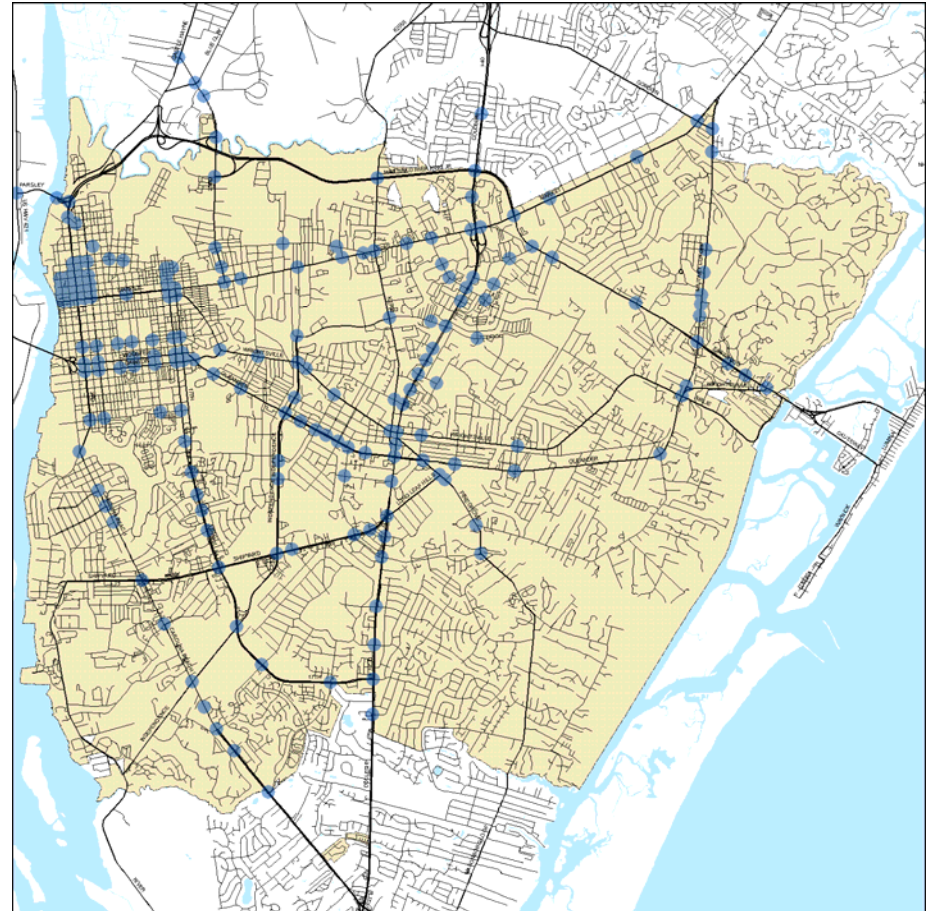
Interstate 40 Extension

- Extend Interstate 40 from Gordon Road to the Martin Luther King, Jr. Parkway
- Status:
 - Independence Boulevard and North Kerr Avenue alignments deemed infeasible
 - Currently studying North College Road alignment



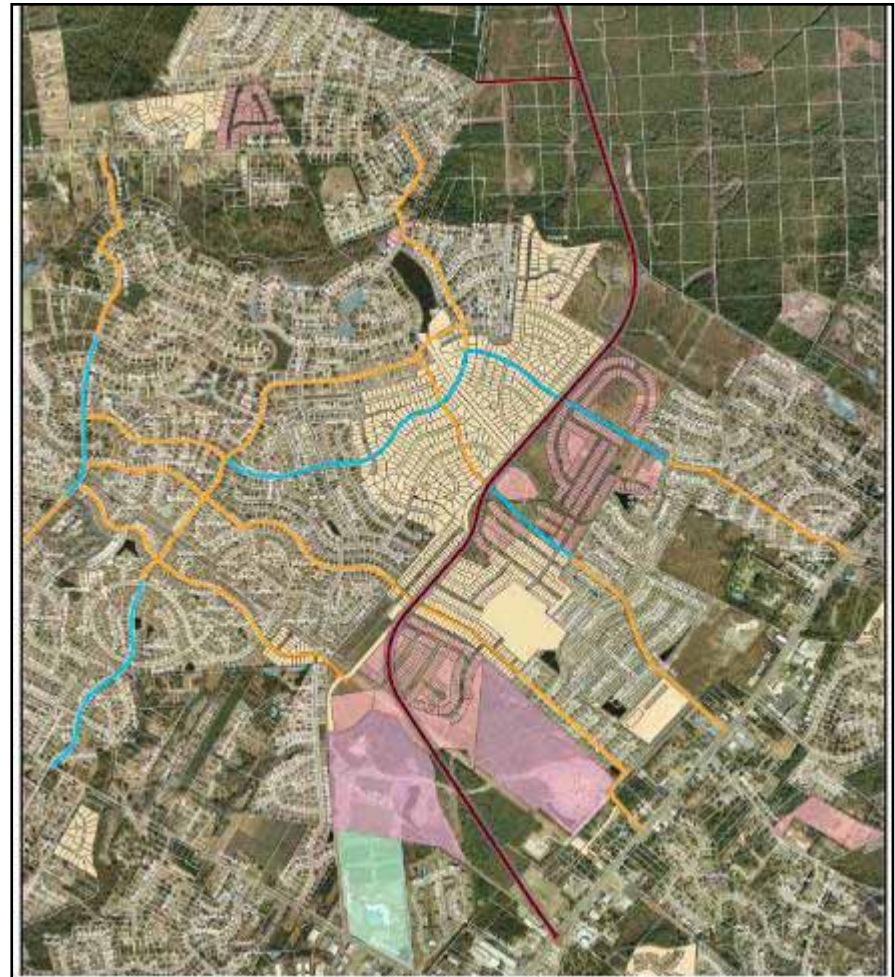
Traffic Signal Control System

- Upgrade all city traffic signals to provide for increased efficiency and flexibility
- Status:
 - City has matched NCDOT contribution of \$5.0 million
 - Project is in the design phase



Military Cutoff Road Extension

- Four-lane divided facility from Market Street to Wilmington Bypass
- Adjacent multi-use path
- Transportation Corridor Official Map was filed in 2005
- Status: Funding programmed for right-of-way purchase in fiscal years 2012 and 2013



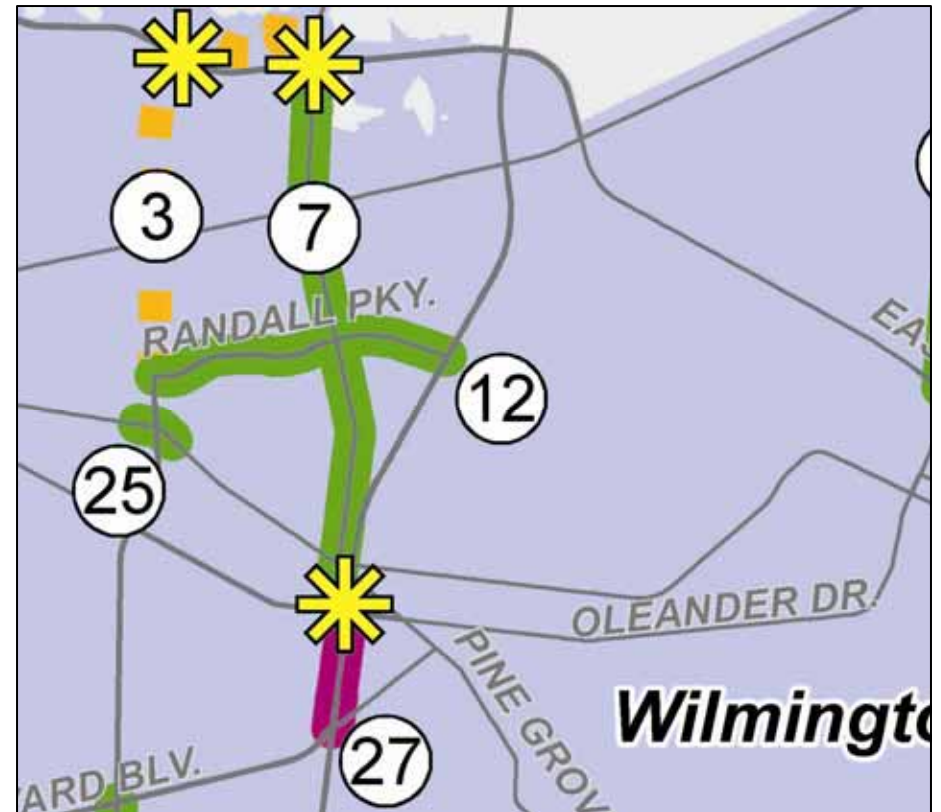
Military Cutoff Road Widening

- Widen to a four-lane divided facility from Eastwood Road to Market Street
- Adjacent multi-use path
- Status: Construction completed in 2008



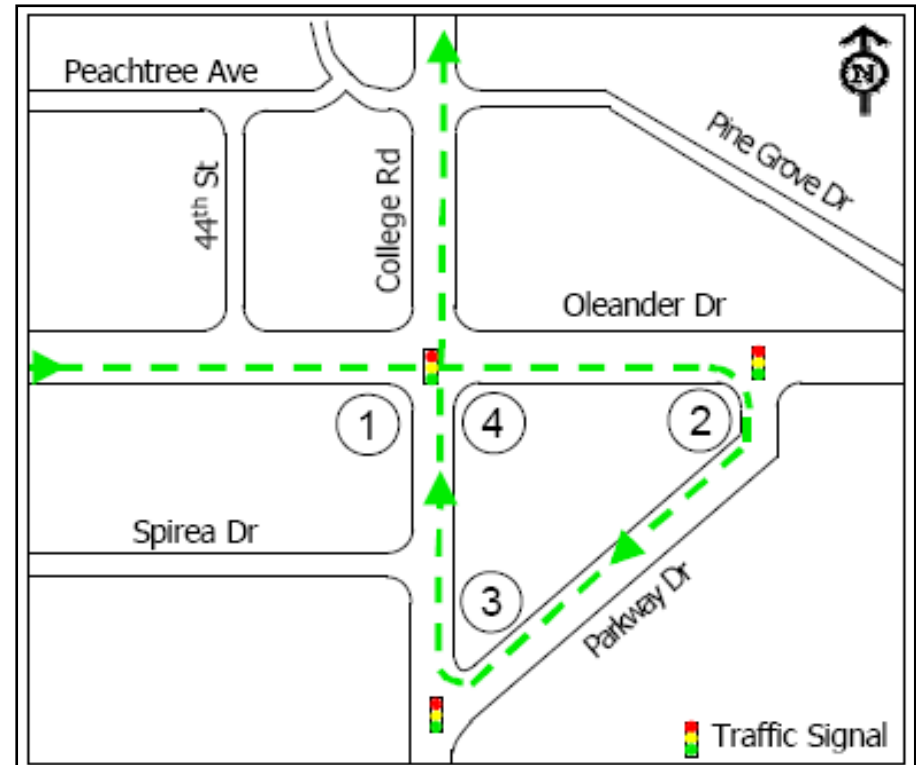
Kerr Ave Widening & Extension

- Widen to a four-lane divided facility from Martin Luther King, Jr. Parkway to Peachtree Drive and extend to Oleander Drive
- Bicycle lanes and sidewalks
- Status:
 - Scope reduced to corridor north of Randall Parkway
 - Right-of-way acquisition scheduled for fiscal year 2009
 - Construction scheduled for fiscal year 2011



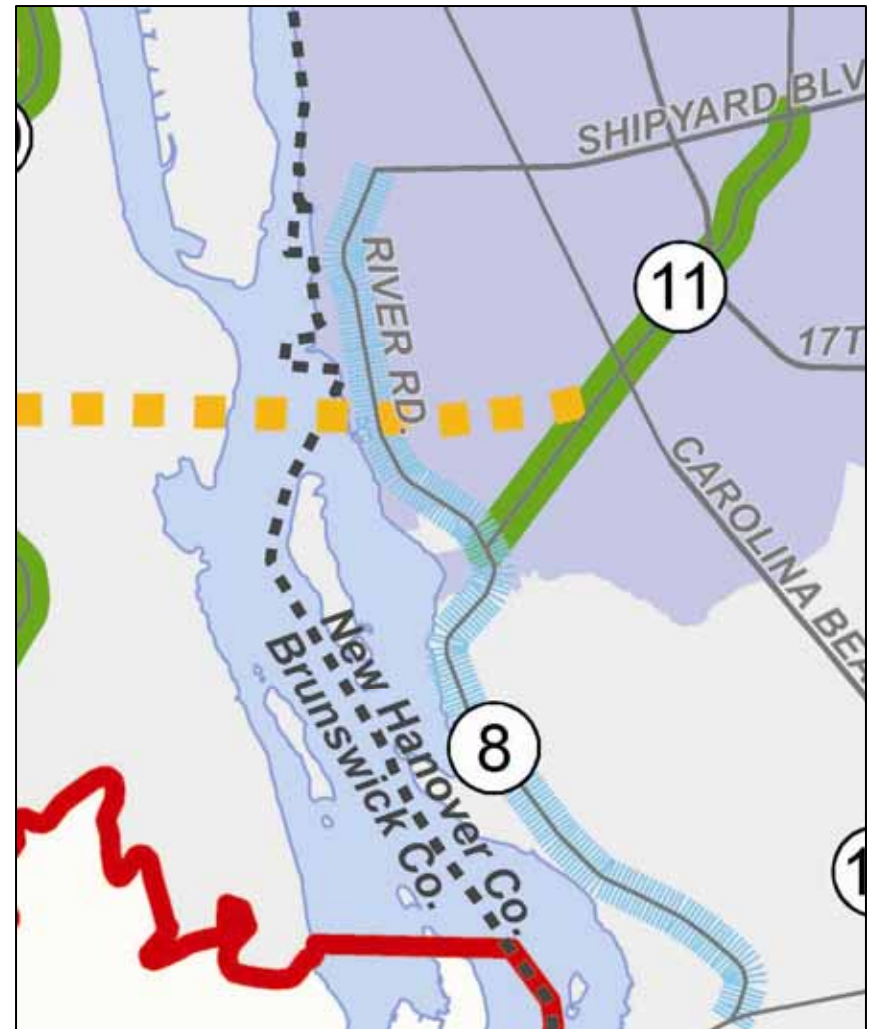
S College Rd/Oleander Dr Intersection Improvements

- Quadrant roadway selected as preferred alternative due to high costs of interchange
- Status:
 - Right-of-way acquisition scheduled for fiscal year 2009
 - Construction scheduled for fiscal year 2011



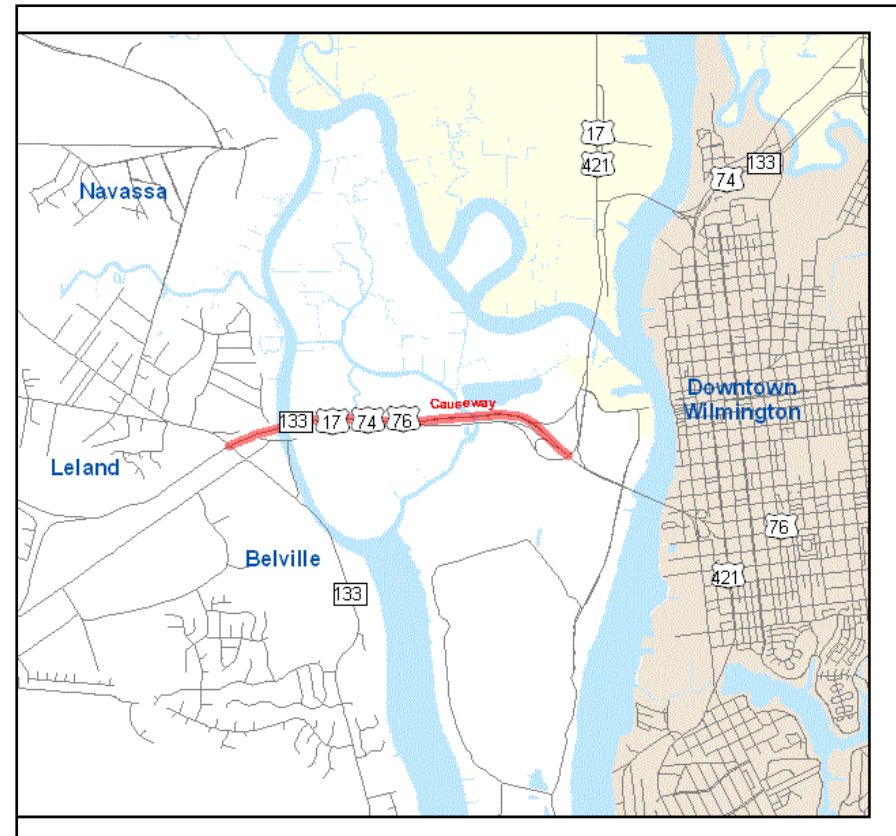
River Road Relocation

- Relocate River Road to an area east of the Port of Wilmington
- Status:
 - No progress



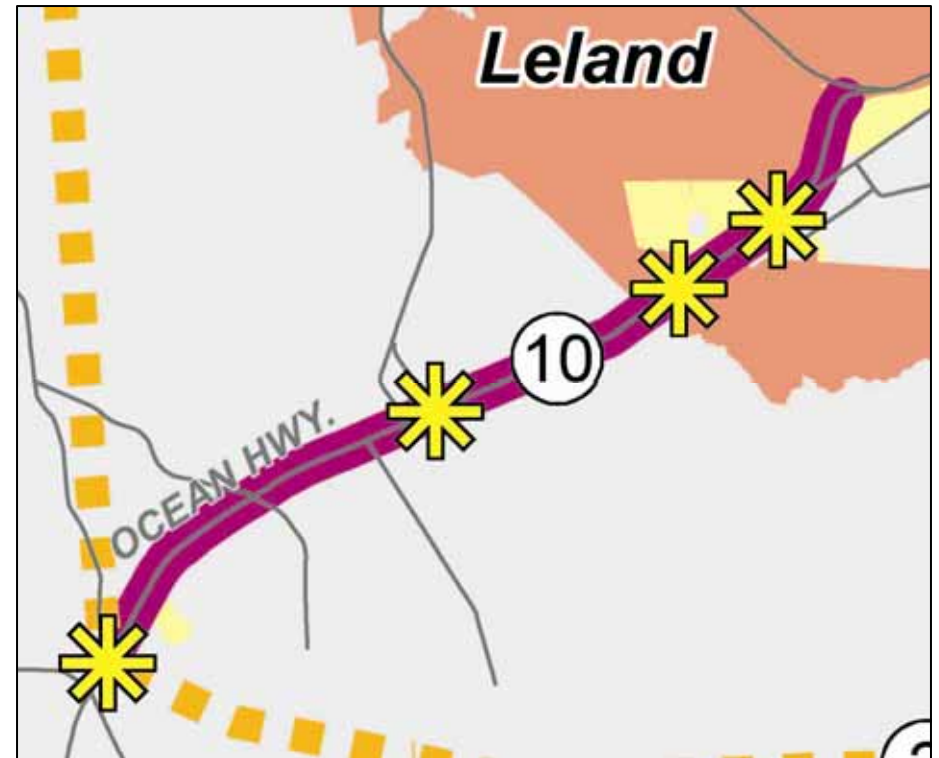
Widening of Alligator Creek & Brunswick River Bridges

- Widen from four-lanes to six-lanes using existing median
- Provide additional capacity between Brunswick and New Hanover Counties
- Improve the level of service
- Right-of-way acquisition scheduled for fiscal year 2011
- Construction scheduled for fiscal year 2012



US 17 Freeway Upgrade

- Upgrade US Highway 17 to a freeway with interchanges at Ploof Road, Grandiflora Drive & Lanvale Road
- Status:
 - No progress on freeway
 - Superstreet constructed in 2006



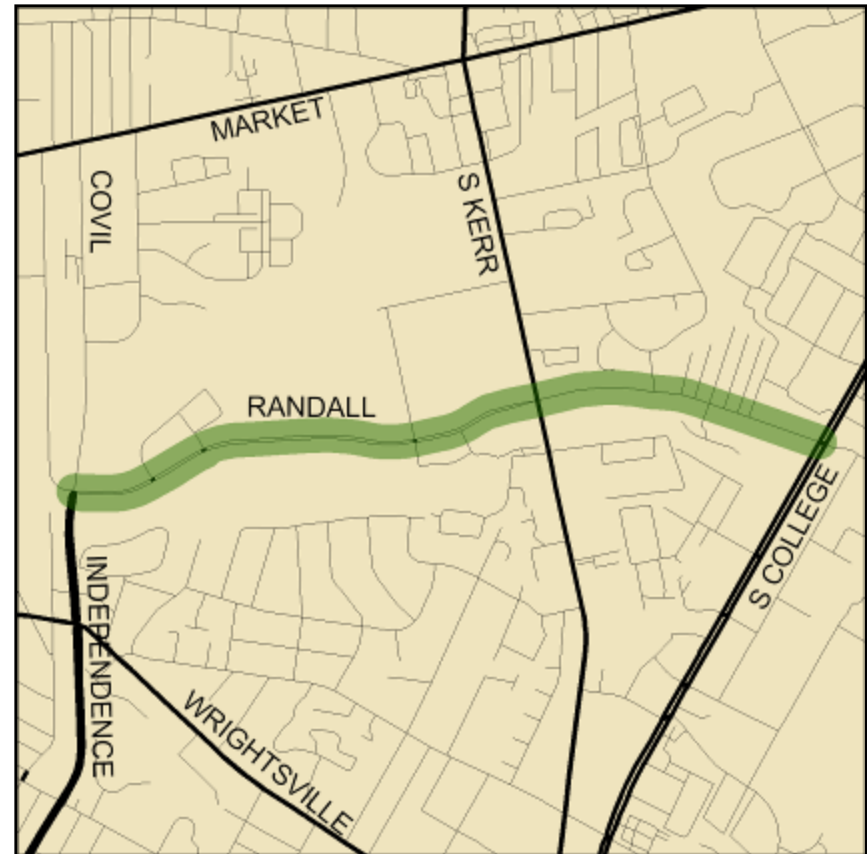
Widen Independence Blvd

- Between Shipyard Boulevard & Carolina Beach Road
- Roadway widened to four-lane divided cross-section
- Add bicycle lanes, sidewalk & multi-use path
- Status: Construction scheduled for fiscal year 2009



Widen Randall Parkway

- Between Independence Boulevard and S College Road
- Roadway widened to four-lane divided cross-section
- Add bicycle lanes and multi-use path
- Federal earmark of approximately \$4 million
- Construction scheduled for fiscal year 2009



Other Highway Projects

- Gordon Road widening
- Village Road widening
- Dow Road widening & extension
- Hampstead Bypass
- North 5th Street Bridge (complete)
- North 23rd Street widening
- Plantation Road improvements

Bicycle Element

- **Identifies regional bicycle system**
- **Includes signed bicycle routes, wide outside lanes, paved shoulders, bicycle lanes and off-road multi-use paths**
- **Completed projects:**
 - **Military Cutoff Road trail**
 - **Eastwood Road trail**
 - **Bicycle lanes on Pine Grive Drive**
 - **Bicycle lanes on Middle Sound Loop Road**
 - **Blue Clay Corridor Bicycle Facilities Study**
 - **Safe Routes to School applications**



Pedestrian Element

- **No specific projects identified**
- **Recommendations include:**
 - **Expand sidewalk network**
 - **Ped friendly design standards**
 - **Interconnectivity**
 - **Density**
 - **Mixed-use development**
 - **Promotional campaigns**



Transit Element

- **Recommended merging New Hanover and Wilmington transit systems**
- **Construct new central transfer facility in the vicinity of Market Street and Kerr Avenue**
- **Complete route restructuring to serve more of city and county**
- **Build Wilmington Multimodal Transportation Center**
- **Passenger rail to Raleigh**



Wilmington Multimodal Transportation Center

- Selected location between North 3rd and North 4th Streets
- Intercity and intracity bus service, taxi service and future passenger rail service to Raleigh
- Property acquisition process is on-going



Freight Element

- Supports ILM Airport expansion plan
- Supports NC Ports Authority expansion plan
- Recommends new rail approach to Port of Wilmington using Eagles Island

TDM & TSM Elements

- Encourage carpools, vanpools, employee incentives, alternative work hours
- Establish efficiency management strategies
- Implement TSM improvements in lieu of widening where appropriate





The End

