

# Brunswick County Comprehensive Transportation Plan Recommendations

November 5, 2007

Revised August 12, 2008

**NOTE:** Recommendations from existing transportation plans are an addendum to the following recommendations.

## Highway Map

### Freeways

- I-74\*: TIP Project R-3436: Proposed new freeway from Columbus County to South Carolina State Line.

*Interchanges* are recommended at the following locations: NC 211 (northern part of county), Proposed I-74 / I-140 Connector, Royal Oak Road (SR 1345), NC 130, NC 904, and Hickman Road (SR 1303).

*Grade separations* are recommended at the following locations: Old CC Road, Little Macedonia Road (SR 1343), Makatoka Road (SR 1342) proposed New Briton Road Extension, Pea Landing Road (SR 1304), Gwynn Road and Ash-Little River Road (SR 1300).

- US 74/76\*: Upgrade roadway to freeway standards from Columbus County to the MPO boundary.
- Proposed I-74 / I-140 Connector: Proposed new location facility from the Proposed I-74 Corridor (TIP Project R-3436) to the Wilmington MPO Planning Boundary. It is recommended that the Wilmington MPO study and incorporate this new facility into its Long Range Transportation Plan by connecting it to the Proposed I-140 Corridor.

*Interchanges* are recommended at the following locations: NC 211 and Green Hill Road (SR 1410).

### Expressways

- US 17\*: Upgrade roadway to expressway standards from the MPO Planning Boundary to the South Carolina State Line.
- NC 87\*: Widen to a multi-lane facility from US 17 to Wildwood Drive at the northern Boiling Spring Lakes (BSL) town limits and from the BSL southern town limits to NC 211. NC 87 is recommended to be re-routed onto the proposed expressway (referred to as the BSL Parkway in the 2002 BSL Thoroughfare Plan) facility just west of the existing NC 87.

\* These facilities are NC Strategic Highway Corridors.

## **Boulevards**

- ❑ NC 211: Widen to a multi-lane facility from US 17 to E. Moore Street (in Southport).
- ❑ NC 133: Widen to a multi-lane facility from the MPO boundary to NC 87 and from NC 87 to NC 211.
- ❑ **NC 87: Widen to a multi-lane facility from Wildwood Drive at the northern Boiling Spring Lakes (BSL) town limits to the BSL southern town limits.**

## **Other Major Thoroughfares**

- ❑ TIP Project R-2245 (2<sup>nd</sup> Bridge to Oak Island): Proposed multi-lane facility from NC 211 to Oak Island Drive.
- ❑ TIP Project R-3324 (Long Beach Road Extension): Proposed 2-lane facility from NC 87 to NC 211.
- ❑ TIP Project R-3434 (Midway Road & Galloway Road): Widen to a multi-lane facility from NC 211 to US 17 BYP.
- ❑ Oak Island Drive: Widen to a multi-lane facility from proposed TIP Project R-2245 to Country Club Drive (NC 133).
- ❑ Long Beach Road / Country Club Drive / NC 133: Widen to a multi-lane facility from Oak Island Drive to NC 211.
- ❑ E. Moore Street / NC 211 (*Substandard Design*): Widen to two 12-foot lanes from NC 211 / N. Howe Street to the end of state maintenance.
- ❑ US 17 BUS (Bolivia): Widen to a multi-lane facility from Midway Road (SR 1500) to US 17.
- ❑ NC 130: Widen to a multi-lane facility from US 17 BUS to the end of state maintenance and from US 17 to McMilly Road (SR 1320).
- ❑ US 17 BUS / Main St. (Shallotte): Widen to a multi-lane facility from US 17 W to US 17 E.
- ❑ NC 904 (*Substandard Design*): Widen to two 12-foot lanes from the Columbus County Line to Ash-Little River Road (SR 1300).
- ❑ NC 904: Widen to a multi-lane facility from Ash-Little River Road (SR 1300) to NC 179 (Beach Drive).
- ❑ NC 179: Widen to a multi-lane facility from the South Carolina State Line to NC 904 (Seaside Road) and from Ocean Isle Beach Road (SR 1184) to US 17.
- ❑ NC 179 BUS: Widen to a multi-lane facility from NC 179 to NC 904 (Seaside Road).
- ❑ Ocean Isle Beach Road (SR 1184): Widen to a multi-lane facility from US 17 to NC 179 (Beach Drive).
- ❑ **NC 211: Widen to a multi-lane facility from US 17 to the Proposed I-74/I-140 Connector.**

## **Minor Thoroughfares**

- ❑ TIP Project R-3432: Proposed 2-lane facility from Old Georgetown Road (SR 1163) to NC 179.
- ❑ Old Georgetown Road (SR 1163): Widen to two 12-foot lanes from NC 904 to Ocean Isle Beach Road (SR 1184).

- ❑ Mt. Pisgah Road (SR 1130): Widen to two 12-foot lanes from US 17 to NC 130.
- ❑ Stone Chimney Road (SR 1115): Widen to two 12-foot lanes from NC 211 to Old Ferry Connection (SR 1115).
- ❑ Old Ferry Connection (SR 1115): Widen to two 12-foot lanes from Stone Chimney Road (SR 1115) to Sabbath Home Road (SR 1120).
- ❑ Sabbath Home Road (SR 1120): Widen to two 12-foot lanes from Old Ferry Connection (SR 1115) to NC 130.

**Minor Thoroughfares (*Substandard Design*): Widen to 24' pavement (2-12' lanes) projects.**

- ❑ Ash-Little River Road (SR 1300): From NC 130 to Hickman Road (SR 1303).
- ❑ Calabash Road (SR 1300): From Hickman Road (SR 1303 to US 17).
- ❑ Exum Road (SR 1340): From NC 130 to Makatoka Road (SR 1342).
- ❑ Camp Branch Road (SR 1340): From Makatoka Road (SR 1342) to NC 211.
- ❑ Makatoka Road (SR 1342): From Exum Road (SR 1340) to Sellars Road (SR 1344).
- ❑ Royal Oak Road (SR 1345): From Makatoka Road (SR 1342) to US 17.
- ❑ Sellars Road (SR 1344): From Makatoka Road (SR 1342) to US 17.
- ❑ Turnpike Road (SR 1129): From Mt. Pisgah Road (SR 1130) to Stone Chimney Road (SR 1115).

**Note: Planning is currently underway for transportation improvements that would serve the NC International Terminal. Further analysis is required to determine the exact location of a connector to link the port terminal and the consolidated (BHI and Southport/Ft. Fisher) ferry landing to the larger public transportation system, and a dedicated four-lane limited access transportation corridor to link the connector to the interstate highway system.**

### **Bicycle Map**

In accordance with AASHTO, roadways identified as bicycle routes should incorporate the following standards as roadway improvements are made and funding is available:

- ❑ Curb & gutter sections require at minimum 4-ft. bike lanes or 14-ft. wide outside lanes
- ❑ Shoulder sections require a minimum 4-ft. paved shoulder.
- ❑ All bridges along roadways where bike facilities are recommended shall be equipped with 54" railings.

### **Public Transportation & Rail Map**

There are no planned improvements for public transportation or rail included in this plan. Further coordination will be necessary with the NC Ports Authority as their planning effort progresses on the proposed NC International Terminal.