



OCRACOKE

COMPREHENSIVE TRANSPORTATION PLAN SUBCOMMITTEE MEETING

Date: March 23, 2011

Time: 2:00 pm

Location: Community Center

Ocracoke, NC



TABLE OF CONTENTS

MEETING AGENDA.....5

CTP PRESENTATION.....7

SAMPLE ADOPTION MAP.....10

SAMPLE HIGHWAY MAP.....11

SAMPLE RAIL/TRANSIT MAP.....12

SAMPLE BICYCLE MAP.....13

SAMPLE PEDESTRIAN MAP.....14

EXAMPLE VISION & GOALS STATEMENT.....15

EXAMPLE PUBLIC ONLINE SURVEY.....17

EXAMPLE PUBLIC PAPER SURVEY.....20

HIGHWAY FACILITY CLASSIFICATIONS.....21

ORGANIZATIONAL CHART.....22

AGENDA – MEETING
HYDE COUNTY COMPREHENSIVE TRANSPORTATION PLAN
SUBCOMMITTEE
2:00 PM—COMMUNITY CENTER, OCRACOKE
WEDNESDAY – MARCH 23, 2011

A. INTRODUCTIONS

B. CTP PRESENTATION

1. NCDOT Presentation - CTP Process/Review

C. DISCUSSION OF ROADWAYS AND OTHER FACILITIES TO STUDY

1. Evaluate roadway map
2. General input regarding roads and modes of travel for study

D. DISCUSSION OF 3/21 OCRACOKE COMMITTEE MEETING

1. Previous Ocracoke Transportation Committee Plans
2. 21st Century Hyde County 2077 Strategic Plan
3. OBX Scenic Byway
4. Miscellaneous Items

D. NEXT COMMITTEE MEETING

1. Vision and Goals Statement
2. Public Survey

E. ADJOURN

Hyde County

What is a CTP?

(Comprehensive Transportation Plan)

What is a CTP?

(Comprehensive Transportation Plan)

- o A **long-range, multi-modal** transportation plan
- o Developed cooperatively with NCDOT, the Albemarle Rural Planning Organization (RPO), and representatives from the county
- o Incorporates **local interests**, community goals, and **statewide needs** in one common plan
- o Comes at **no cost** to the county
- o **Not** maintenance related
- o Vision plan → no funding attached

What can be included in the CTP?

<p>YES</p> <ul style="list-style-type: none"> o Bicycle Elements o Fixed Route Transit o Park & Ride Lots o Pedestrian Elements o Ferry o Roadway improvements to improve drainage issues 	<p>NO</p> <ul style="list-style-type: none"> o General Parking o Marketing o Restrooms o Signage o Visitor Centers o Scenic Pull Offs o General Maintenance
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These elements may be included in the report but cannot be mutually adopted.

What is a CTP?

(Comprehensive Transportation Plan)

- o Adopted/endorsed at 3 levels – local (county/municipalities), regional (MPO/RPO), and state (NCDOT)
 - o Board of Transportation mutually adopts the CTP, making it the ultimate plan for guiding future decisions – see GS 136-66.2
- o Time frame of 18-24 months
- o CTP recommendations are concepts and still requires an environmental analysis, design and safety standards

Updated Long Range Planning Process

Thoroughfare Plan
The Old Way – Highway Intensive

➔

Comprehensive Transportation Plan (CTP)
The NEW WAY!
~Multi-modal~

Relationship Between Plans

Comprehensive Transportation Plan (~30 Year Needs)

TIP 7-Year

- Transportation Improvement Program
- Seven year planning document
- Contains funding information and schedules
- Fiscally constrained
- Entire TIP adopted by NCDOT Board of Transportation

Components of a CTP

- o Adoption Sheet
- o Maps
 - Highway
 - Public Transportation and Rail
 - Bicycle
 - Pedestrian
- o Technical Report



Components of a CTP

- o Recommendations
 - For each mode
 - All roads from the Modeled Roadways network are studied
 - Existing, Needs Improvement, Recommended
 - Highway categories broken down further:
 - Freeways, Expressways, Boulevards, Other Major Thoroughfares, Minor Thoroughfares

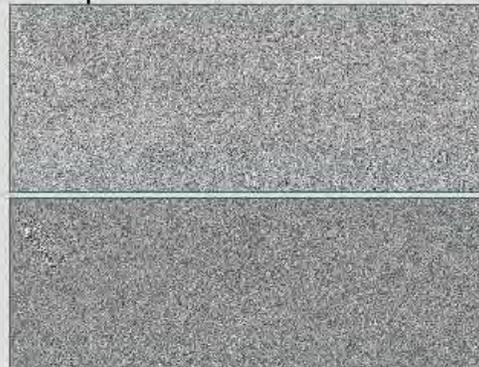


Benefits of a CTP

- o Data and projections are in place to support projects
- o Incorporates local priorities and input, community goals, and statewide goals
 - County and towns are updated multiple times throughout the process
 - Input from all parties provides the best chance for a plan that can satisfy everybody's goals
- o Anticipates and addresses future traffic demand
- o Well-informed public
- o Corridor protection for future growth needs



Corridor Protection



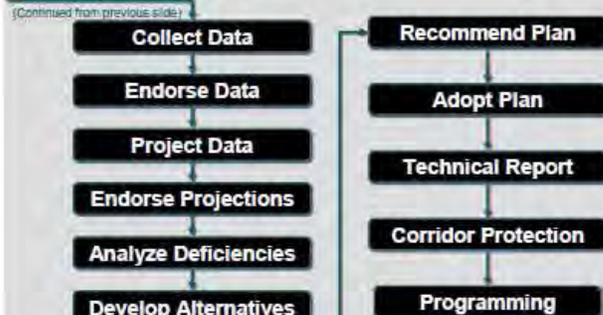
Benjamin Parkway (Greensboro) protected corridor in 1981

Benjamin Parkway after construction in 1990

Transportation Planning Process



Transportation Planning Process





More Info / Contact Info

Hyde County CTP Website:

<http://www.ncdot.gov/doh/preconstruct/tpb/planning/hydeco.html>

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Triangle Unit Supervisor
NCDOT TPB
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Steven Lambert
Planning Director
Albemarle Commission
(252) 426-5753
slambert@albemarlecommission.org
More info at www.ncdot.org/~tpb

Adopted by:

- Pamlico County
Date: November 2, 2009
- Town of Alliance
Date: October 12, 2009
- Town of Arapahoe
Date: June 3, 2010
- Town of Bayboro
Date: October 20, 2009
- Town of Minnesott Beach
Date: November 10, 2009
- Town of Oriental
Date: October 6, 2009
- Town of Vandemere
Date: October 19, 2009

NC Department of Transportation

Date: March 4, 2010

Endorsed by:

- Olympia
Down East RPO
Date: December 1, 2009

Recommended by:

- Transportation Planning Branch
Date: January 28, 2010

Adoption Sheet



Pamlico County

North Carolina

**Comprehensive
Transportation Plan**

Plan date: September 30, 2009

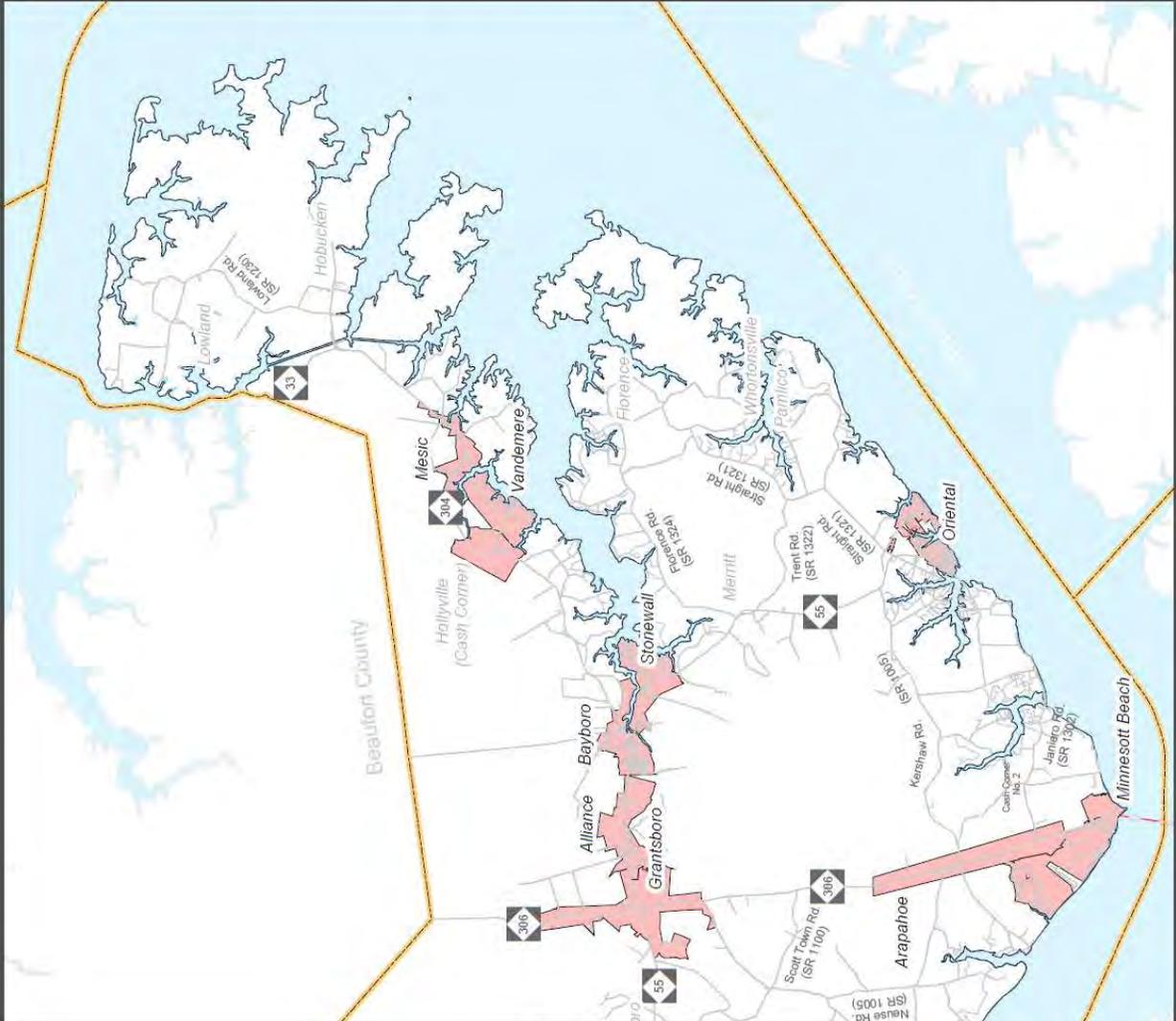
- Sheet 1 Adoption Sheet
- Sheet 2 Highway Map
- Sheet 3 Public Transportation and Rail Map
- Sheet 4 Bicycle Map
- Sheet 5 Pedestrian Map

Legend

- Pamlico Roads
- County Boundary
- Rivers and Streams
- Town Boundary
- Existing Ferry



Figure 1 (Sheet 1 of 5)
Base map date: July 31, 2008
Refer to CTP document for more details



Highway Map



Pamlico County

Comprehensive Transportation Plan

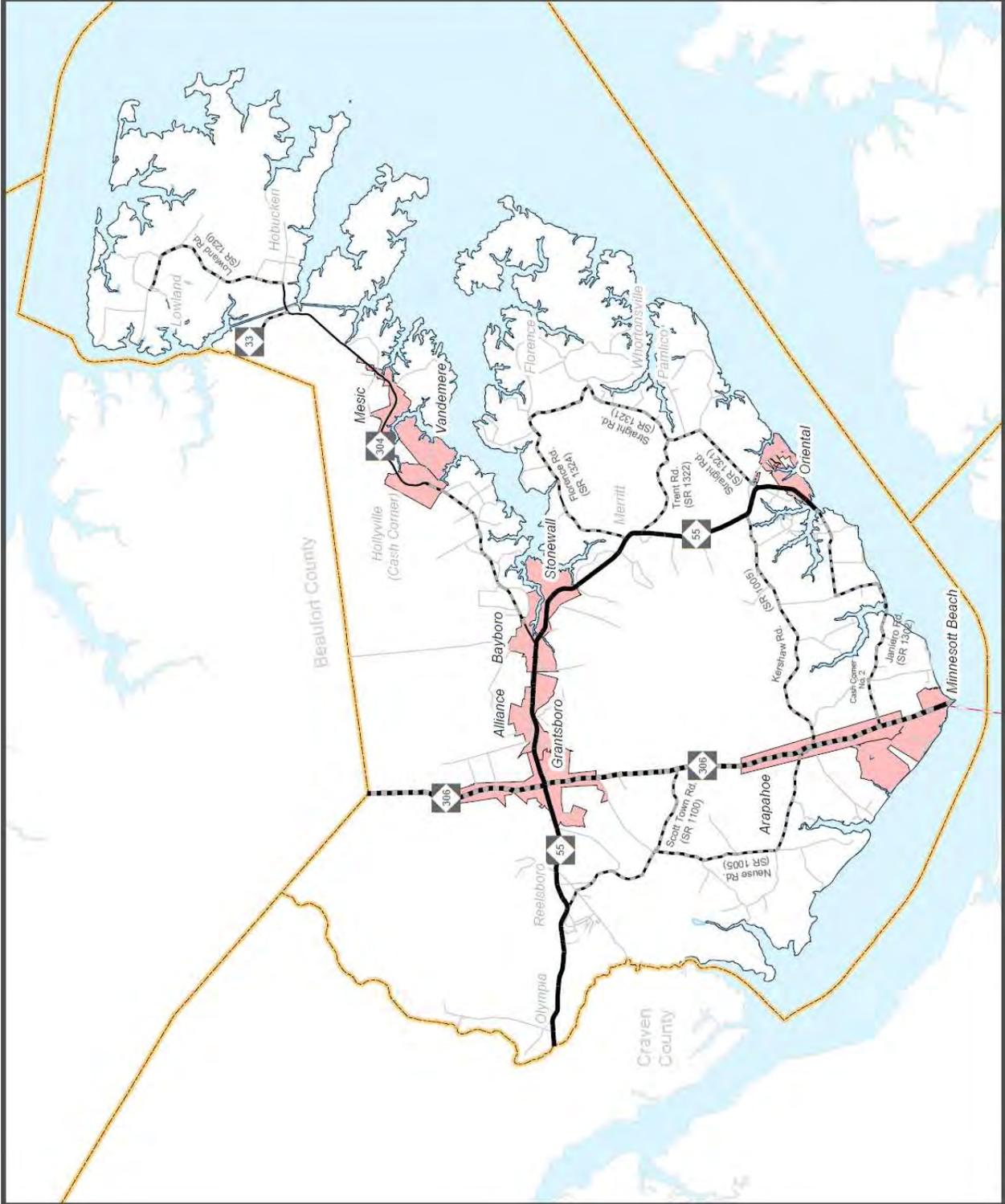
Plan date: September 30, 2009

- Freeways**
 - Existing
 - Needs Improvement
 - Recommended
- Expressways**
 - Existing
 - Needs Improvement
 - Recommended
- Boulevards**
 - Existing
 - Needs Improvement
 - Recommended
- Other Major Thoroughfares**
 - Existing
 - Needs Improvement
 - Recommended
- Minor Thoroughfares**
 - Existing
 - Needs Improvement
 - Recommended

- Existing Interchange
- Proposed Interchange
- Existing Grade Separation
- Proposed Grade Separation
- Existing Ferry



Figure 1 (Sheet 2 of 5)
Base map date: July 31, 2008
Refer to CTP document for more details



Public Transportation and Rail Map



Pamlico County

Comprehensive Transportation Plan

Plan date: September 30, 2009

- Bus Routes**
 - Existing: Solid green line
 - Needs Improvement: Dashed green line
 - Recommended: Dotted green line
- Fixed Guideway**
 - Existing: Solid blue line
 - Needs Improvement: Dashed blue line
 - Recommended: Dotted blue line
- Operational Strategies**
 - Existing: Solid brown line
 - Needs Improvement: Dashed brown line
 - Recommended: Dotted brown line
- Park and Ride Lot**
 - Existing: Blue square with 'P'
 - Recommended: White square with 'P'
- Existing Ferry**: Red dashed line

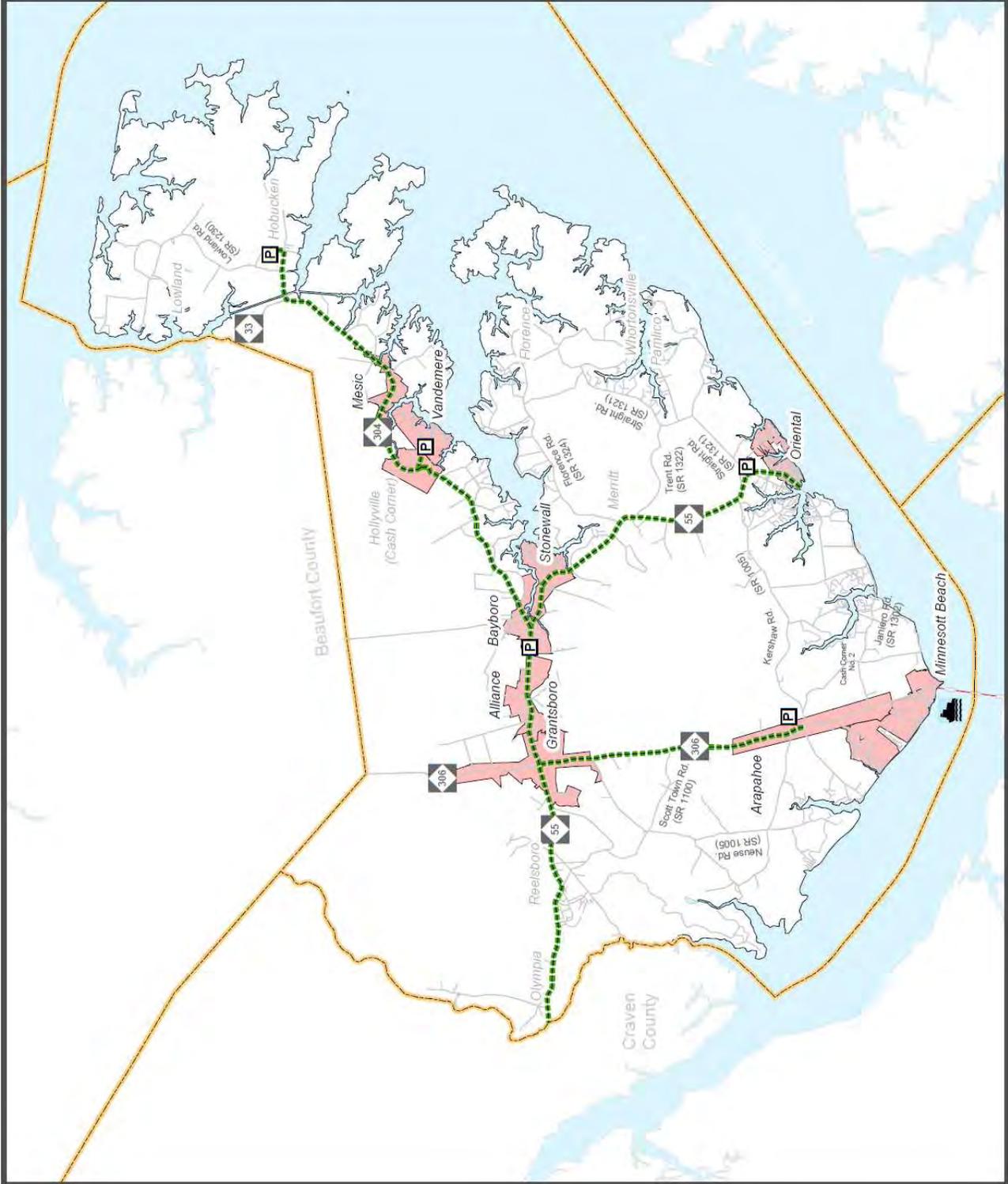


Figure 1 (Sheet 3 of 5)
Base map date: July 31, 2008
Refer to CTP document for more details

Pedestrian Map



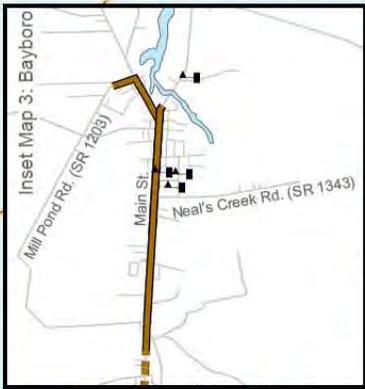
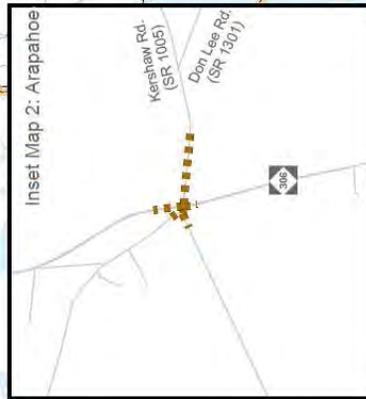
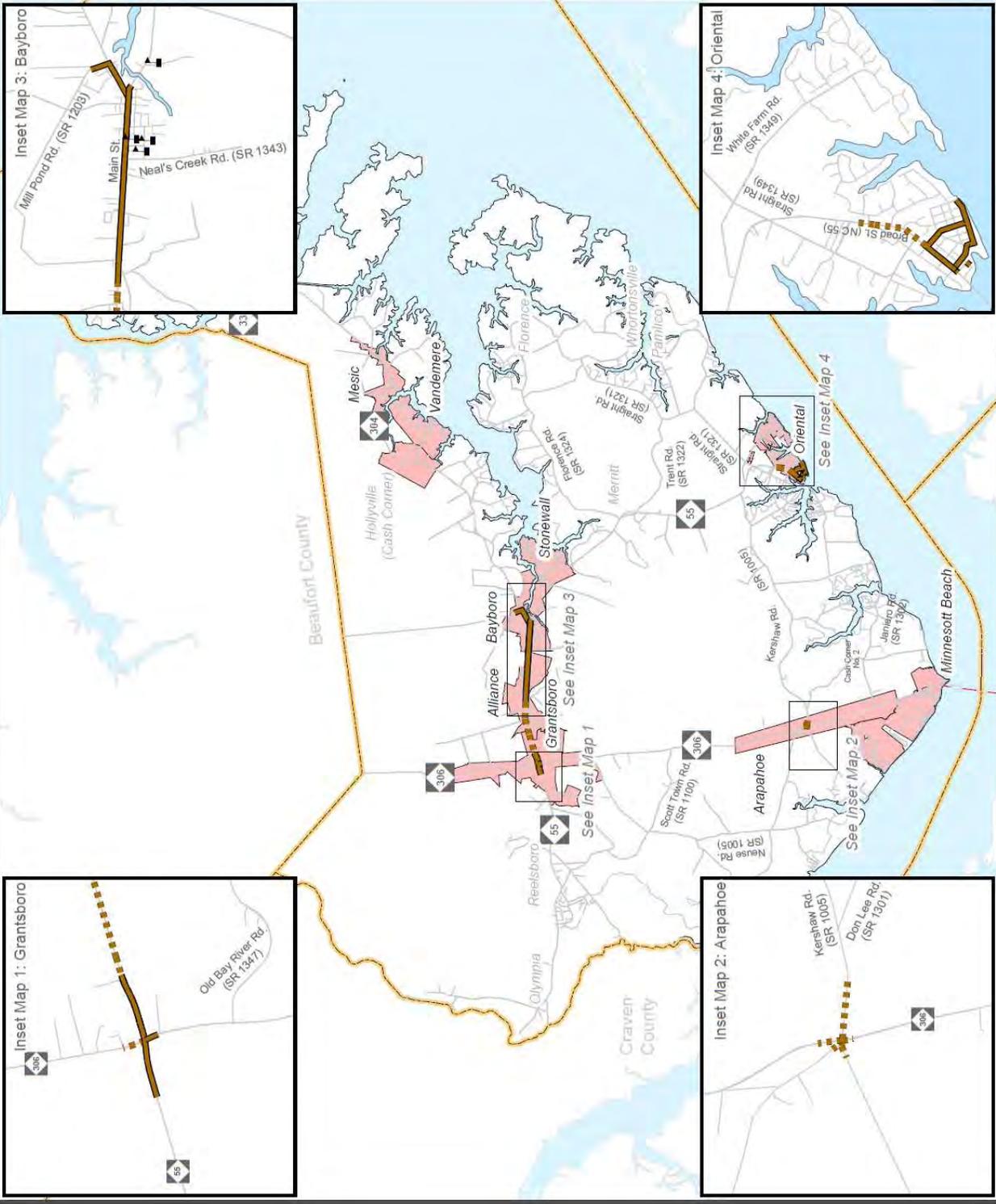
Pamlico County Comprehensive Transportation Plan

Plan date: September 30, 2009

- Sidewalks**
 - Existing
 - Needs Improvement
 - Recommended
- Off-road**
 - Existing
 - Needs Improvement
 - Recommended
- Multi-Use Paths**
 - Existing
 - Needs Improvement
 - Recommended
- Existing Grade Separation
- Proposed Grade Separation
- Existing Ferry
- Schools



Figure 1 (Sheet 5 of 5)
Base map date: July 31, 2008
Refer to CTP document for more details



Hyde County Comprehensive Transportation Plan Vision & Goals

Vision

To provide a multimodal transportation system that enhances the quality of life in Hyde County and promotes safety, reliability, efficiency and connectivity, while encouraging sustainable economic growth that is compatible with the environmental and land use patterns.

Goals

1. Ensure the integrity of the existing transportation system by encouraging planned and strategic development.
2. Provide a means of identifying and prioritizing transportation system needs on a local and regional scale.
3. Promote roadways that allow and encourage alternative modes of transportation such as walking and biking.
4. Educate the public on general transportation issues as well as alternative forms of transportation.
5. Encourage identification and consideration of sustainable practices and environment sensitivity.
6. Preserve right of way construction of future transportation facilities.
7. Provide a well-designed highway system supportive of economic agriculture development and efficient land development.
8. Create better connectivity and mobility throughout the county.
9. Explore more ferry options between Ocracoke and the mainland.
10. Improve the Hyde County airport facility to meet general aviation needs and to provide transportation service in support of agriculture, tourism, seafood and other local industries.

Hyde County Comprehensive Transportation Plan Survey



Dear Hyde County Resident:

We need YOUR input!

Hyde County, the NC Department of Transportation and partners are working to develop a Comprehensive Transportation Plan for Hyde County. It will recommend improvements for highways, public transportation, and bicycle and pedestrian facilities over the next 25 to 30 years. Though it may take some time to fund these projects, we need your help in deciding which projects you feel should be a priority.

A key part of both the plan and the information gathering process is citizen input. We are asking for a few minutes of your time to complete a survey so that your opinion can be heard. The final plan, a Comprehensive Transportation Plan, will provide a 'road map' for a sustainable future in Hyde County.

Please take a few minutes to fill out this survey and reply by INSERT DATE. All answers are ANONYMOUS and will only be used for the purpose of public input for this plan.

Thank you for your participation! The survey results will be available in DATE, located on the Hyde County Planning Department website. Please call Lauren Nicholls at 919.733.4705 ext. 28 or email her at lnnicholls@ncdot.gov with any questions or if you wish to receive more information about this transportation plan.

Sincerely,

Hyde County
Albemarle Planning Organization
North Carolina Department of Transportation - Transportation Planning Branch

Hyde County Comprehensive Transportation Plan Survey

1. How many people live in your household?

- 1 2 3 4 5 or more

2. How many licensed drivers are in your household?

- 1 2 3 4 5 or more

3. How many operational automobiles are in your household?

- 1 2 3 4 5 or more

Other (please specify)

4. Do you live in Hyde County?

- Yes No

What is your zip code?

5. On average, how much time do you live in Hyde County each year?

- 0-3 months 9-12 months
 3-6 months Full Time
 6-9 months

6. Are there areas where you would like to see sidewalks constructed or improved?

- Yes
 No

If yes, where:

7. Would you use on-road bike lanes and/or wide shoulders?

- Yes
 No

If yes, where:

8. Are there areas where you would like to have access improved?

- No
- Yes

If yes, where:

9. Please rate the importance of each goal.

	More Important	Important	Neutral	Less Important	Not Important
More Transportation Choices (More ways to get to places - buses sidewalks, trains, etc.)	<input type="radio"/>				
Faster Travel Times (High speed roads with more lanes and fewer intersections.)	<input type="radio"/>				
Economic Growth (New and improved roads and railways to attract and expand business.)	<input type="radio"/>				
Increased Public Transit Options (Bus service to more destinations, park-n-ride lots, more ferry options.)	<input type="radio"/>				
Community and Rural Culture Preservation (Keep business downtown, protect existing neighborhoods, preserve landscape.)	<input type="radio"/>				
Environmental Protection (Protect wetlands, streams and wildlife. Reduce air pollution and noise.)	<input type="radio"/>				
Care for Special Needs Citizens (Better transportation for elderly, low-income, and disabled residents.)	<input type="radio"/>				
Improved Access (Better connections to employment, schools, and services.)	<input type="radio"/>				

10. What do you consider to be the most significant transportation issue in Hyde County?

11. How did you find out about the survey?

12. If you wish to stay informed during the Hyde County Comprehensive Transportation Plan, please provide your email address (your information will remain confidential):

Albemarle Rural
Planning Organization



Hyde
Transportation Plan

This is a survey of Hyde County and the North Carolina Department of Transportation (NCDOT). It will be used to help design a Transportation Plan for the County and will help us understand the transportation needs of the citizens. This survey should take less than 5 minutes of your time. Your answers will be completely anonymous. If you have any questions about the survey, please contact Lauren Nicholls at lnicholls@ncdot.gov or call (919) 733-4705. Thanks!

Mail completed survey to: Steven Lambert – Albemarle Commission
512 S. Church St.
Hertford, NC. 27944

Survey needs to be completed by: INSERT DATE

Section One

	1	2	3	4	5 or more
1 How many people live in your household?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2 How many licensed drivers are in your household?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3 How many licensed personal vehicles are in your household?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4 Do you live in Hyde County? Yes <input type="radio"/> No <input type="radio"/> What is your zip code? _____					
5 How much time do you live in Hyde County each year?	<input type="radio"/> 0-3 months	<input type="radio"/> 3-6 months	<input type="radio"/> 6-9 months	<input type="radio"/> 9-12 months	<input type="radio"/> Full Time

Section Two

	Yes	No
6 Are there areas where you would like to see sidewalks constructed or improved?	<input type="radio"/> <i>If yes where? →</i>	<input type="radio"/>
7 Would you use on-road bike lanes and/or wide shoulders?	<input type="radio"/> <i>If yes where? →</i>	<input type="radio"/>
8 Are there areas where you would like to have access improved?	<input type="radio"/> <i>If yes where? →</i>	<input type="radio"/>

Section Three - Please rate the importance of each goal.

	Very Important	Important	Neutral	Less Important	Not Important
9 More transportation choices <i>More ways to get to places - buses, sidewalks, ferries, etc.</i>	<input type="radio"/>				
10 Faster travel times <i>High speed roads with more lanes and fewer intersections.</i>	<input type="radio"/>				
11 Economic Growth <i>New and improved roads to attract and expand business.</i>	<input type="radio"/>				
12 Increased Public Transit Options <i>Bus service to more destinations. Park-n-Ride lots for carpooling.</i>	<input type="radio"/>				
13 Community and Rural Culture Preservation <i>Keep business downtown. Protect existing neighborhoods. Preserve landscape.</i>	<input type="radio"/>				
14 Environmental Protection <i>Protect wetlands, streams and wildlife. Reduce air and noise pollution.</i>	<input type="radio"/>				
15 Care for Special Needs Citizens <i>Better transportation for elderly, low-income, and disabled residents.</i>	<input type="radio"/>				
16 Improved Access <i>Better connections to employment, schools, and services.</i>	<input type="radio"/>				

Section Four

17 What do you consider to be the most important transportation issue in Hyde County?

18 How did you find out about this survey? _____

19 If you would like to stay informed during the Hyde County Comprehensive Transportation Plan, please provide your email (your information will remain confidential): _____

HIGHWAY FACILITY CLASSIFICATIONS

	FREEWAY	EXPRESSWAY	BOULEVARD	MAJOR THOROUGHFARE	MINOR THOROUGHFARE
FUNCTIONAL PURPOSE	High mobility, high volume, high speed	High mobility, high volume, medium-high speed	Moderate mobility, moderate access, moderate volume, medium speed	Balanced mobility, balanced access, moderate volumes, low to medium speed	Balanced mobility, balanced access, moderate volumes, low to medium speed
POSTED SPEED	55+	45 to 60	30 to 55	25 to 55	25 to 45
CROSS SECTION	Minimum 4 lanes with continuous median	Minimum 4 lanes with median	Two or more lanes with median (breaks allowed for U-turns)	Numbered routes regardless of lanes, minimum 4 lanes without median	Ultimately 3 lanes (no more than one lane per direction) or less without median
MULTIMODAL ELEMENTS	HOV/HOT lanes, bus ways, truck lanes, park/ride, adjacent shared use path	HOV lanes, bus ways, wide paved shoulders (rural), shared use paths	Bus stops, bike lanes (urban) or wide paved shoulders (rural), sidewalks (urban optional)	Bus stops, bike lanes, or wide outer lane (urban) or wide paved shoulder (rural), sidewalks (urban)	Bus stops, bike lanes, or wide outer lane (urban) or wide paved shoulder (rural), sidewalks (urban)
ACCESS CONTROL	Full Control	Limited or partial	Limited partial or no control	No control	No control
ACCESS MANAGEMENT	Interchange spacing (urban 1 mile, non-urban 3 miles), full control of access for 1000' or island or median, frontage/service roads	Min interchange/ intersection spacing 2000', median breaks only at intersections with minor roadways or to permit U-turns, frontage/ service roads, drive ways limited in number and location, accel/ decel lanes or right turn lanes	Two lane facilities may have median cross overs, medians with turning pockets or turn lanes, accel/ decel or right turn lanes optional, shared drive ways, internal connectivity	Continuous left turn lanes, shared drive ways, internal connectivity	Continuous left turn lanes, shared drive ways, internal connectivity
INTERSECTING FACILITIES	Interchange or grade separation	Interchange, at-grade intersection with minor roads, right in/ right out and/ or left-over or grade separation (no signalization for through traffic)	At-grade intersections and drive ways, interchanges at high volume intersections, traffic signals allowed	Intersections and drive ways, traffic signals allowed	Intersections and drive ways, traffic signals allowed
DRIVEWAYS	Not Allowed	Right-in/ right-out only, direct driveway access via service roads or other alternate connections	Right-in/ right-out or combined with median left-overs, major drive ways may be full access if necessary	Full movement on two lane roadway with center turn lane as permitted	Full movement on two lane roadway with center turn lane as permitted

