



WILMINGTON URBAN AREA Metropolitan Planning Organization

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Members:

City of
WILMINGTON
Lead Planning Agency

Town of
CAROLINA BEACH

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County

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LELAND

Town of
NAVASSA

BRUNSWICK
County

PENDER
County

CAPE FEAR PUBLIC
Transportation
Authority

North Carolina
BOARD OF
TRANSPORTATION

Meeting Agenda

Wilmington Urban Area MPO
Technical Coordinating Committee

TO: Technical Coordinating Committee Members
FROM: Mike Kozlosky, Senior Transportation Planner
DATE: February 8, 2007
SUBJECT: February 13th Meeting

A meeting of the Wilmington Urban Area MPO Technical Coordinating Committee will be held on **Wednesday, February 13th at 10:00am**. The meeting will be held in the in the 4th Floor Conference Room at 305 Chestnut Street in downtown Wilmington.

The following is the agenda for the meeting:

- 1) Call to Order
- 2) Approval of Minutes:
 - a. 1/23/07
- 3) Old Business
- 4) New Business
 - a. Resolution adopting WAVE Satellite Station Site Evaluation Study
 - b. Approval of Section 5303 Agreement between WAVE and Wilmington MPO
- 5) Discussion Items
 - a. Long Range Transportation Plan and Citizen Advisory Committee
- 6) Project Updates
 - a. Cape Fear Historic Byway
 - b. Blue Clay Road Bicycle Corridor Study
 - c. Dow Road widening and extension
 - d. Monkey Junction Collector Street Plan
 - e. Market Street Corridor Study
 - f. NCDOT Project Update
- 7) Announcements
 - a. 21st Century Transportation Committee meeting- Wilmington, Feb. 20-21
 - b. Monkey Junction Collector Street Plan- February 28th
- 8) Adjournment -- Next Meeting- March 12th

Attachments:

- Minutes from 1/23 Meeting
- Resolution adopting the WAVE Satellite Station Site Evaluation Study
- Agreement of Section 5303 Funding between WAVE and Wilmington MPO
- NCDOT Project

**Wilmington Urban Area
Technical Coordinating Committee
Meeting Notes for January 23, 2008**

Members Present:

Mike Kozlosky, City of Wilmington
Stephanie Ayers, NC Ports Authority
Albert Eby, WAVE Transit
Sam Burgess, New Hanover County
Allen Serkin, Town of Navassa
Ken Vafier, Pender County
Jill Stark, NCDOT
Shane York, NCDOT
Patrick Riddle, NCDOT
Don Bennett, City of Wilmington
Tom Cunningham, Chamber of Commerce

Others Present:

Anthony Prinz, City of Wilmington
Joshuah Mello, City of Wilmington
Bill McDow, City of Wilmington
Joey Raczkowski, Pender County

1. **Call to Order**

Mr. Kozlosky called the meeting to order at 10:09 am.

2. **Approval of Minutes**

The motion to approve the minutes from the December 5, 2007 meeting carried unanimously.

3. **Old Business**

none

4. **New Business**

a. **Election of Officers**

Mr. Cunningham nominated Mr. Kozlosky as chairman of the TCC and Mr. Eby seconded the nomination. The nomination carried by a unanimous vote. Mr. Riddle nominated Mr. Don Bennett as Vice chairman and Mr. Eby seconded the nomination. Mr. Bennett's nomination carried by unanimous vote.

b. **Resolution supporting the filing of the Independence Boulevard Corridor Map**

Mr. Kozlosky told members the project is currently in the design phase and is anticipated to be complete by the end of the year. There has been some development activity along the proposed corridor. Staff is proposing filing the Transportation Official Corridor Map to preserve the corridor for a period of three year time period from the time that any development proposals are submitted.

Mr. Burgess made the motion to support approval of the resolution and forward to the TAC for consideration. Mr. Riddle seconded the motion and it carried unanimously.

c. Resolution supporting the 6-laneing of US 17 in Pender County

Mr. Kozlosky told members he and Mr. Robert Vause, NCDOT District Engineer, attended a meeting in Pender County to discuss a request to analyze the possibility of a six-laneing the US 17 Corridor in Pender County from county line to county line. The Congestion Management section of NCDOT identified that there is a possibility for gridlock on the US 17/NC 210 corridor based on the developments that have been approved. They recommended the consideration of an additional lane in each direction on US 17 to accommodate the growth and development along the corridor.

Pender County Board of Commissioners endorsed a resolution urging NCDOT for fully fund and accelerate the Hampstead Bypass project, fund a study of the US 17 corridor and explore alternatives to improve safety before the bypass can be constructed other than the 6-laning of Highway 17.

Based on Congestion Management's review, we do feel the need for a feasibility study to look at the corridor and identify the necessary improvements. The TIAs that were reviewed and Congestion Management's recommendations were that an additional lane in each direction be considered, otherwise there could be gridlock along the US 17 corridor in Pender County.

Mr. Kozlosky told members the resolution recognizes that based on the approved development along the entire corridor, there will be an additional increase of approximately 200,000 trips per day. After DOT's Congestion Management review, they recommended the possibility of a 6-lane cross section along the US 17 corridor to provide additional capacity. The resolution requests a feasibility study in order to identify the feasibility of upgrading the US 17 corridor in Pender County.

Mr. Raczkowski told members he respects what DOT is saying about the necessity to upgrade the facility, but the only way Pender County could support the resolution today is if the 6-lane facility verbiage is removed and it is more broad-based where the resolution states a feasibility study. Mr. Raczkowski suggested amending the resolution to say the TCC supports the request for a feasibility study to evaluate up-grading US Highway 17 in Pender County. Mr. Raczkowski made a motion with the amendments. Mr. Eby seconded the revised motion and it carried unanimously.

d. Resolution supporting the installation of a traffic signal at Market Street and Marsh Oaks Drive

Mr. Kozlosky told members NCDOT has conducted a traffic signal warrant analysis at the Marsh Oaks Drive and Market Street intersection. They identified that the intersection meets the warrants for the installation of a traffic signal. The Department is requesting support of a resolution pursuing funding for the installation of the traffic signal.

Mr. Burgess made the motion to support the installation of a traffic signal at Market Street and Marsh Oaks Drive and forward to the TAC for consideration. Mr. Riddle seconded the motion and it carried unanimously.

5. Discussion Items

a. Dawson Street Refuge Island

Mr. Mello told members that the River to Sea Bikeway crosses Dawson Street, between Wrightsville Avenue and Oleander Drive. There are visibility issues which makes it dangerous for people using the bike path. Staff has been working with DOT to develop a plan for a refuge island at that location. The plan is now in the design phase. The Bike and Pedestrian Division in Raleigh have agreed to pay for the pedestrian element and the Division will pay for re-striping the dual right turn lanes.

b. Long Range Transportation Plan Schedule

Mr. Kozlosky distributed the draft schedule for the work-schedule on the Long Range Transportation Plan and briefly reviewed the tentative schedule. He asked members to review the schedule and submit any comments back to him. He told members that the next LRTP update is not due until March 2010 but staff is trying to get ahead of the curve and utilize the information in order to complete this project in a timely manner.

c. Citizen Advisory Committee

Mr. Kozlosky told member the ads seeking interested citizens for the Citizens Advisory Committee are running in newspapers next week.

d. 21st Century Transportation Committee

Mr. Kozlosky told member that he attended the second 21st Century Transportation Committee meeting on January 15th in Charlotte. At that meeting Charlotte identified that they have some sever congestion within the region. The next meeting will be here in Wilmington on February 21st. Mr. Cunningham told member the Chamber is working with the group and will host the breakfast on the morning of February 21st.

6. Project Updates

a. Cape Fear Historic Byway Study

Mr. Mello told members staff has the draft plan in hand and are in the process of reviewing it. They will be submitting comments to the consultant by the end of the week and then it will be presented to the steering committee. Presentations to the TCC and TAC will follow by the end of the month.

b. Blue Clay Road Bicycle Corridor Study

Mr. Mello told members the public meeting for the corridor study was held two weeks ago. This is looking at bicycle facilities along Blue Clay Road from North 23rd Street to Holly Shelter Road. There is a lot of development in northern New Hanover County and staff felt it was a good time to get something on paper. The consultant came back with three alternatives. One was mainly a off-road facility, one was mostly on-road and then a hybrid mix version. Staff favors the off-road plan between 23rd Street through the Airport Industrial Park and using the county sewer easements which will almost reach GE on Castle Hayne Road just south of I-140. There will be a spur through Blue Clay Farms over to Laney High School. Staff will be holding an additional meeting with the airport authority and the Blue Clay Farms developer to work on the agreement so we can get the final alignment adopted.

c. Dow Road Widening and Extension

Mr. Kozlosky told member staff interviewed six consultations to complete the corridor study and selected Wilbur Smith and Associates. Staff is in negotiations with the consultant on the fee and scope for the project.

d. WAVE Satellite Stations

Mr. Mello told members that staff is currently looking at satellite transfer station locations near the Independence Mall, Mayfaire and Monkey Junction area. Staff reviewed the plan and sent it back to the consultant with comments. A steering committee meeting will be held February 7th. The second draft will be available at the meeting. They are working with the Mall to secure a site for a temporary transfer facility with the idea of transitioning into a permanent facility. All of the fixed bus routes will be changing and serving new locations by the end of this quarter and we hope to have something on the ground by March or April at the Mall.

e. Cross City Trail

Mr. Mello told members the Mayor introduced the Cross City Trail at a press conference in February of 2007. The trail will be a 10-foot off-road bicycle and multi-use path from Hallyburton Park to the drawbridge at Wrightsville Beach. A meeting was held between staff, the Mayor and UNCW officials Friday because of concerns about the path transverse the UNCW campus. A tentative agreement was reached to allow the trail to traverse the campus, but the university will have the final say over how it get from point A to point B. Phase 1 of the design, running from Hallyburton Park to the Cameron Museum, is currently in design and should be under construction within the year.

d. NCDOT Project Update

attached

7. Announcements

- a. Division 3 TIP Public Hearing- January 29, 2008**
- b. Wilmington Bypass Public Hearing-January 31, 2008**
- c. 21st Century Transportation Committee meeting- Wilmington, Feb. 20-21**

8. Adjournment

With no further items, the meeting was adjourned at 11:12 am.

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
TRANSPORTATION ADVISORY COMMITTEE**

**RESOLUTION SUPPORTING THE ADOPTION OF THE WAVE TRANSFER STATIONS:
EVALUATION OF SITE LOCATIONS AND PLANNING**

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization provides transportation planning services for the City of Wilmington, Town of Carolina Beach, Town of Kure Beach, Town of Wrightsville Beach, Town of Belville, Town of Leland, Town of Navassa, New Hanover County, Brunswick County, Pender County, Cape Fear Public Transportation Authority and the NC Board of Transportation, and

WHEREAS, the WAVE Short range Transit Plan completed in 2004 provided recommendations for improving transit services to New Hanover and Brunswick Counties; and

WHEREAS, one of the recommendation of the plan is to re-structure the routes to better serve the community; and

WHEREAS, WAVE Transit plans to implement a restructured route service by March 31, 2008; and

WHEREAS, with the route restructuring, additional transfer locations will be necessary to better serve the community; and

WHEREAS, the Wilmington Metropolitan Planning Organization has developed a study that evaluated potential transfer centers at Independence Boulevard at Oleander Drive, Mayfaire Town Center and Monkey Junction; and

WHEREAS, the WAVE Transfer Stations: Evaluation of Site Locations and Planning analyzes potential transfer locations and provides recommendations for the installation of transfer locations at Independence Boulevard at Oleander Drive, Mayfaire Town Center and Monkey Junction; and

NOW THEREFORE, be it resolved that the Wilmington Metropolitan Planning Organization's Transportation Advisory Committee hereby adopts the "WAVE Transfer Stations: Evaluation of Site Locations and Planning" study.

ADOPTED at a regular meeting of the Transportation Advisory Committee on February 27, 2008.

Lanny Wilson, Chair
Transportation Advisory Committee

Mike Kozlosky, Secretary

STATE OF NORTH CAROLINA
COUNTY OF NEW HANOVER

**PUBLIC TRANSPORTATION PLANNING AGREEMENT FOR THE
WILMINGTON URBANIZED AREA**

THIS AGREEMENT made and entered into this ____ day of _____, 2008 by and between the Transportation Advisory Committee of the Wilmington Urban Area Metropolitan Planning Organization (MPO) and the Cape Fear Public Transportation Authority d/b/a Wave Transit (Authority), a North Carolina public transportation authority.

W I T N E S S E T H

WHEREAS, in accordance with 23 CFR § 450.306, the MPO was designated as the policy body for cooperative decision making in the Wilmington Urbanized Area (UZA); and

WHEREAS, on March 30, 2005 the MPO, including the City of Wilmington, New Hanover County, North Carolina Department of Transportation and other urban area jurisdictions, adopted the Wilmington Metropolitan Planning Organization 2030 Long Range Transportation Plan (Plan); and

WHEREAS, the City of Wilmington and New Hanover County recognize that traffic and transportation concerns are shared between jurisdictions regardless of jurisdictional boundaries, and effective July 1, 2004 established the Authority to provide public transportation services within the UZA; and

WHEREAS, the Authority is the provider of public transportation services in the UZA; and

WHEREAS, on June 22, 2005 the Secretary of Transportation for the State of North Carolina, in accordance with the authority vested by the Governor of the State of North Carolina, and in accordance with Title 49 of the United States Code § 5307(a)(2) and the Transportation Equity Act for the 21st Century, declared the Authority to be a designated recipient of federal Urbanized Area Formula Program funds for the UZA; and

WHEREAS, The Federal Transit Authority, pursuant to 49 CFR § 5303, provides 80% of transportation planning funds for the UZA, the North Carolina Department of Transportation provides 10% and the required 10% local match that is shared by the members of the MPO in accordance with the Memorandum of Understanding for Cooperative, Comprehensive, and Continuing Transportation Planning dated October 24, 2002; and

WHEREAS, the MPO is the recipient of Federal Transit Authority 49 CFR § 5303 transit planning funds for the UZA; and

WHEREAS, 23 CFR § 4510.310 requires an agreement between the Authority and the MPO specifying cooperative procedures for carrying out transportation planning and programming.

NOW, THEREFORE, for and in consideration of the premises and other good and valuable consideration set forth herein, the MPO and the Authority agree as follows:

1. **Cooperation.** The MPO and the Authority shall cooperate in long range planning for the provision of public transportation services in the UZA, including the Metropolitan Transportation Improvement Program (MTIP). The MPO and the Authority shall cooperate in estimating funds needed for such services recommended in the MTIP as adopted by the MPO and updated periodically, and as set forth in the State Transportation Improvement Program (STIP) as updated periodically.
2. **Planning.** The Authority shall have a major role in the public transportation planning process and the inclusion of projects in the public transportation service portion of the MTIP, as updated periodically.
3. **Tasks.** The Authority shall perform the program tasks assigned to it in the PWP.
4. **Funding.** The MPO will pay to the Authority sixty-five (65%) percent of its allocation of § 5303 planning funds for the term of this agreement.
5. **Duration.** Unless terminated as set forth hereinafter, this Agreement shall continue for as long as Federal and State funding for public transportation planning are provided to the UZA.
6. **Termination.** This Agreement shall terminate if Federal and/or State funding for public transportation services to the UZA is terminated. Either party may terminate this Agreement upon written notice to the other party at least thirty (30) days prior to the effective date of termination and specifying the effective date of termination.
7. **Amendment.** This Agreement may be amended at any time in writing signed by the parties.

IN WITNESS WHEREOF, the Wilmington Urban Area Metropolitan Planning Organization has caused this Agreement to be executed in its behalf through its Transportation Advisory Committee by its Chairman as authorized at a regular meeting held on the ____ day of _____, 2008 and attested by its Secretary, and the Cape Fear Public Transportation Authority d/b/a Wave Transit has caused this Agreement to be executed in its behalf by its Chairman as authorized at a regular meeting held on the ____ day of _____, 2008, attested by its Secretary and its seal to be hereto affixed.

**WILMINGTON URBAN AREA
METROPOLITAN PLANNING
ORGANIZATION/Transportation
Advisory Committee**

By: _____
Lanny Wilson, Chairman

ATTEST:

Mike Kozlosky, Secretary

**CAPE FEAR PUBLIC
TRANSPORTATION AUTHORITY
d/b/a Wave Transit**

By: _____
Jeff Bellows, Chairman

(SEAL)

ATTEST:

Fannie Freeman, Secretary

This instrument has been pre-audited in the manner required by the Local Government Budget and Fiscal Control Act.

This _____ day of _____, 2008.

Catherine E. Cole, CPA
Authority Finance Director

STATE OF NORTH CAROLINA

COUNTY OF NEW HANOVER

I, _____, a Notary Public in and for the State and County aforesaid, certify that Mike Kozlosky came before me this day and acknowledged that he is the Secretary of the Transportation Advisory Committee of the Wilmington Urban Area Metropolitan Planning Organization, and that by authority duly given and as the act of the Organization, the foregoing instrument was signed in its name by its Chairman and attested by himself as its Secretary.

WITNESS my hand and official seal, this ____ day of _____, 2008.

Notary Public

My commission expires: _____

STATE OF NORTH CAROLINA

COUNTY OF NEW HANOVER

I, _____, a Notary Public in and for the State and County aforesaid, certify that Fannie Freeman personally came before me this day and acknowledged that she is the Secretary of the Cape Fear Public Transportation Authority d/b/a Wave Transit, and that by authority duly given and as the act of the Authority, the foregoing instrument was signed in its name by its Chairman, sealed with its seal and attested by herself as its Secretary.

Witness my hand and official seal, this the ____ day of _____, 2008.

Notary Public

My Commission Expires: _____



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
GOVERNOR

DIVISION OF HIGHWAYS

LYNDO TIPPETT
SECRETARY

February 6, 2008

TIP Projects:

- 1. Military Cutoff (U-2734)**, constructing a multi-lane facility from US 17 (Market Street) to US 74 (Eastwood Drive).
Open to traffic, minor checklist of items to be completed, by contractor
- 2. Signing Project:** Division and Raleigh Signing are revisiting the signing for the Parkway and the Bypass. Authorization for funding has been approved. Sign structures are in design and we have ordered the signs.
Estimated Contract Completion Date Winter 2007/08
- 3. B- 4990:** replacement of the moveable span's electrical control system. The covered signs are for detouring traffic when the bridge is closed. They are still up because they have to close the bridge periodical throughout the project's length.
Work Complete
- 4. B-4223:** replace Bridge # 21, over the Northeast Cape Fear River. Under construction
Contract Completion Date December 31, 2009
- 5. R-2245:** Second bridge to Oak Island over the intercoastal waterway. Under construction
Contract Completion Date December 31, 2009
- 6. B-0682:** Bridge to Sunset Beach over the intercoastal waterway. Project has been awarded.
New Completion Date to be negotiated and Pre-Construction Conference February 2008
- 7. U-4733:** intersection improvements for SR 2313 (Wilshire Boulevard) to Forest Hills Drive.
Letting Date 6/17/2008
- 8. R-4002:** widen SR 1472 (Village Road) from SR 1437 (Old Fayetteville Road)/SR 1435 (South Navassa Road) to east of US 17 Interchange ramps with dual left turn lanes on north ramp to US 17. Also, construct dual left turn lanes on Village Road turning onto US 17 NB ramps. **Letting date 9/16/2008**
- 9. U-3462:** Town of Shallotte, SR 1357 (Smith Avenue) extension from West of US 17 Business to NC 130. **Letting date 12/16/2008**
- 10. R-3324:** Long Beach Road extension, two lane road on new location, from NC 211 to SR 1525 (Bethel Road) **Letting date 7/21/2009**

- 11. Military Cutoff Road Extension (U-4751) and Hampstead Bypass (R-3300):** extending Military Cutoff Road from Market Street to the Wilmington Bypass, with an interchange at the Bypass. NCDOT and the merger team are scheduled to have selected a preferred alternative by Spring 2009 and complete the final environmental impact statement by fall 2009. Right of way is scheduled for 2012.
- 12. R-3601 US 17/74/76:** Widening across the “causeway”, between Leland and Wilmington. Just beginning the planning process. We will move into the merger process afterwards and then to design. A scoping meeting will be held in the next couple of months. The TIP schedule has R/W for 2011 and Construction for 2012
- 13. U-4902 B:** construct a concrete median island from SR 1402 (Porter’s Neck Road) to Colonial Drive (non-system road). Project is in the planning process.
- 14. R-5021:** NC 211 widening, from NC 87 to SR 1500 (Midway Road). Right of Way 2012 tentative. Public workshop in February or March 2008. Right of Way 2013
- 15. R-4063:** widen SR 1472 (Village Road) from SR 1435 (South Navassa Road) to SR 1438 (Lanvale Road). Right of Way 2012 and Construction 2013
- 16. U-5017:** Wilmington computerized signal and ITS system. (PBS&J – Todd Brooks)
- 17. Feasibility Studies for NC 211 & NC 904:**
NC 211 – from SR 1500 (Midway Road) to US 17
NC 904 – from NC 179/904 (Beach Drive) to US 17
Tentative Scoping Meeting March 19, 2008

Division Projects:

NC 132 (North College Road), SR 1322 (Murrayville Road), SR 1327 (Farley Street) and SR 1322 (Bavarian Drive): roadway improvements for better flow of traffic. Public Workshop was held on 4/17/2007.
Tentative Letting Date March 2008

US 17 (Ocean Highway) - install directional crossovers along US 17 at the intersection of SR 1184 (Ocean Isle Beach Road).
Tentative Letting Date February 12, 2008

NC 133 (River Road) from SR 1551 (Blackwell Road/Main Street) to the intersection with US 74/76 eastbound on ramp, in Belville, convert the existing thru lane to a right turn lane which will establish a dual right turn at the intersection with US 74/76 on ramp. Install a concrete island to convert the intersection with SR 1551 to directional left turns. **Tentative Public Workshop February 2008**

Resurfacing Projects:

NC 87 (Maco Road) patch and resurface from 0.3 miles north of US 17 to 0.03 miles south of US 74/76. **Work Complete**

These roads are in the same contract:

SR 1167 (Persimmon Road) resurface from US 17 to NC 179.

SR 1120 (Sabbath Home Road) resurface from 0.06 miles northeast of NC 130 to SR 1122 (Varnamtown Road).

SR 1513 (Danford Road) patch and resurface from US 17 Business to east Bolivia City Limit.

SR 1245 (Maple Creek Road) patch and resurface from SR 1115 (Stone Chimney Road) to the end of state system.

US 421 mill and resurface from West Lake Shore Drive (non-system) to Greenfield Street (non-system). **Work Complete**

These roads are in the same contract:

SR 2048 (Gordon Road) resurface from SR 1175 (Kerr Ave.) to SR 2698 (Netherlands Drive).

SR 1411 (Wrightsville Ave.) resurface from US 117 to West Huntington Road (non-system).

NC 210 mill patch from I-40 to 0.2 miles northwest of US 17. (Length 13.05 miles)

These roads are in the same contract: **Work complete**

SR 1561 (Sloop Point Road) widen to install a 1.5' paved shoulders from US 17 to SR 1563 (Sloop Point Loop Road). Also, widen 1.5' on SR 1563 from SR 1561 to the change in pavement at the school.

SR 1520 (Shaw Highway) construct short overlays from NC 210 to the Wildlife Boating Access Road.

SR 1332 (Penderlea Highway) mill patch at various spots from SR 1400 (Highsmith Road) to SR 1345 (Cora's Grove Road).

US 17 mill patching at various spots from SR 1565 (Country Club Drive) north to the divided section of US 17.

NC 11 mill patching at various spots from US 117 toward SR 1001 (Willard Road).

These roads are in the same contract:

NC 210 in Pender County from US 117 to 0.2 miles west of US 17, near Hampstead, resurface w/ 2.5" Intermediate course and 1.5" surface course).

US 76 in New Hanover County from US 74 (Eastwood Road) to 0.16 miles Southerly. (Mill 4" and resurface w/ 4" surface course)

Estimated Contract Completion Date November 28, 2008

These roads are in the same contract:

NC 133 in Brunswick County from Jackey's Creek bridge to south 6.45 miles. (Construct spiral widening)

US 17 and SR 1130 (Mt. Pisgah Road) intersection, install directional crossovers.

NC 211 extend the right turn lane onto NC 133 (Long Beach Road)

SR 1112 (Sunset Harbor Road) construct spiral widening.

Estimated Contract Completion Date May 2, 2008