

Connecting Corolla



**Bike, Pedestrian, Access &
Wayfinding Plan**

October 21, 2013



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Introduction



Corolla has grown exponentially since the late 80's but has a deep rooted heritage tied directly to its abundant natural and cultural resources. Corolla began as a small village near the Currituck Lighthouse, but now encompasses the Currituck Outer Banks from the County line to the ramp for the Off – Road Area and Northern Beaches.

Corolla prides itself as a family beach destination boasting wide, clean beaches, a high quality of life, and an abundance of cultural and historical destinations that make it a charming place to live, work, and play. However, as Corolla continues to grow, the County recognizes the need to improve safety, connectivity, availability, and access to destinations. These destinations include cultural, commercial, and natural (beach and sound accesses) sites and locations. Understanding this, the Board of Commissioners directed Staff to undertake a planning effort to better address the needs of the community.



Need

Corolla encompasses approximately 12.5 square miles. Roughly, 50,000 people visit Corolla during a typical week in the summer season. The summer season, from Memorial Day to Labor Day, draws approximately, 750,000 people to this narrow strip of land. Highway 12 acts as the backbone connecting all subdivisions in Corolla and the northern parts of Corolla south to Dare County. Highway 12 has a two foot wide, extended shoulder used by cyclists and pedestrians. Many of the subdivisions have side paths that connect and move people within the subdivision. However, there are many gaps in infrastructure that move users between destinations.

During the season with the large number of weekly visitors, Highway 12 is frequently congested with vehicular traffic and people walking, biking, and jogging. Many visitors bike and walk, from their rental homes along Highway 12, on the extended shoulder, and to the many destinations in Corolla often in direct opposition with vehicular traffic creating unsafe situations.



Goals



Connecting Corolla: Bike, Pedestrian, Access, & Wayfinding Plan explores and examines the existing infrastructure and facilities along with community needs and recommends policies and enhancements to:

- Improve overall safety between destinations;
- Increase mobility for all modes of transportation; and
- Enhance the overall sense of place, feel, and quality of life.



Goals for the plan were developed through analysis and examination of existing conditions for the area and through extensive stakeholder input (see Appendix A and Process and Timeline).

Process and Timeline



Existing Condition Analysis & Field Work

Existing condition research began in the fall of 2012. Staff field verified and studied existing public and private roads, sidepaths, sound and ocean access points, parking areas, and cultural, commercial, and natural destinations (See maps in Appendix G).

Stakeholder Interviews

Staff held interviews with stakeholders that have a vested interest in the plan. This included meetings with home owner associations and boards, property management companies, real estate companies, the business community, cultural and institutional uses, and various county departments (See meeting summaries in Appendix B & C).

All stakeholders were asked a series of questions including:

- Is there consistent feedback you receive from visitors about their stay in Corolla?
Is there consistent feedback you receive specifically related to ocean and sound access, side paths, facilities, and their ability to move between destinations?
- How can the County improve access to destinations including commercial sites, cultural opportunities, and beach/sound accesses?

A full list of stakeholder questions and responses can be found in Appendix D.

Field Verification:

From June through August, staff field verified assumptions and findings made during the existing conditions analysis and stakeholder interviews. In addition, staff conducted additional stakeholder interviews with visitors utilizing county facilities. Users were asked:

- Where do you typically access the ocean or sound?
- How do you typically get to a beach or sound access?
- What types of amenities would you like to see at a beach or sound access?

The complete survey and user responses can be found in Appendix E.



Findings

Through the existing conditions analysis and stakeholder interviews, consistent findings rose to the surface. Below is a summary of these findings and general recommendations. Specific implementation projects are covered in the Project section.

Access to the Sound and Ocean

All subdivisions in Corolla, except Currituck Club and Monterey Shores, have direct access to the ocean. Currituck Club residents and visitors utilize the Southern Beach Public Access. During field verification checks, staff observed approximately 80-85% of the cars parked at the Southern Beach Public Access, on Yaupon Lane, as a visitor of the Currituck Club by guest window place cards or owner stickers. Stakeholder interviews and user surveys revealed that although visitors have access to a trolley system, many choose not to utilize the trolley due to long wait and ride times to travel to the beach and large amounts of gear. Some users felt it easier, quicker, and allowed them more flexibility to drive their vehicle to the Public Access than wait for the trolley. Monterey Shores visitors and residents also do not have direct access to the ocean. Residents and visitors utilize the

public access parking areas and beach cross overs in Whalehead Subdivision to gain access to the ocean. Field surveys reflected that the most utilized accesses in Whalehead are Bonito and Shad.

At the start of the plan, there was a perception that the Southern Beach Access and Whalehead Public Access areas were being utilized by day trippers. The field verification and surveys by staff indicate that the majority of users are already renting homes in Corolla and utilizing the Public Access Areas out of convenience. *Staff recommends better utilizing and improving existing accesses to make them user friendly and appealing. In addition staff recommends seeking additional opportunities and facilities for access to the ocean.*

During the existing conditions analysis, staff determined that in the 22 miles of Shoreline there are only 2 sound access points. One is located at Heritage Park by the Whalehead Club and the other is located in the off road area. *Staff recommends increasing availability and access to the sound whenever possible on County properties and through partnership opportunities with private citizens, developers, businesses or non-profits.*



ADA Accessibility

The need for ADA Accessibility to the beach was a concern brought up by every stakeholder group interviewed. Several of the beach accesses have drive over points for emergency access that allow users to utilize a beach wheel chair to cross over. However, there are no cross overs that meet ADA standards.

The 2012 Currituck Outer Banks Comprehensive Visitor Research Study indicates that the majority of visitors are families and baby boomers with an average age of 53. In addition, the study recommends developing facilities that will support diversification and growth of the destination for weddings, reunions, etc. It is apparent that users of the beach now and in the future will likely involve people over the age of 50 that will need greater availability to ADA accesses. Knowing that, staff recommends that existing beach cross overs, bath houses, and similar facilities be retrofitted to accommodate ADA accessibility and any future facilities be designed with ADA accessibility in mind.

Clean Beaches

Stakeholders expressed the importance of clean beaches during the interview and research process. The Visitor Research Study indicated that over 75% of people that visit Corolla come for leisure and the beach. Corolla beaches are an important natural resource that should be protected not only for their value to the environment but their significance and link to tourism and our local economy. Staff recommends continued efforts to maintain clean beaches as well as development of educational programs for residents and visitors on the importance and value of clean beaches.



Bathroom Facilities

The Existing Condition Analysis revealed that there are only two locations for public restrooms near the beach and sound in Corolla- Southern Beach Access and Heritage Park. Interviewees referenced the need for additional bath room facilities near public beach access points. *Staff recommends seeking additional sites and opportunities to construct and locate restrooms in Corolla. The site should be designed and constructed to minimize impacts to adjacent residential areas.*



Current Facilities

Stakeholder interviewees indicated the need to improve existing facilities for beach goers with amenities such as showers, foot wash stations, and drop off areas. In addition, interviewees also indicated the need to improve maintenance for facilities- i.e. keeping walk ways and accesses clear and vegetation trimmed back. *Staff recommends a study be conducted to identify and determine typical staffing needs, on-going maintenance costs, and any needed facility renovations once finished the study results should be incorporated in the County's Capital Improvement Plan (CIP).*



Marketing and Orientation

During stakeholder interviews, real estate companies, property management companies, and the business community indicated the need for better, more organized signage directing and orienting people to destinations.

Interviewees also indicated the need for maps demonstrating the locations of recreational facilities, destinations, and side paths. *Staff recommends development of an area map for pedestrians and cyclists and a study to determine appropriate locations for safety and way finding signage for all users.*

Public Transportation

Many stakeholders expressed interest and the need for public transportation to connect to major destinations. The ability to leave their car and explore Corolla was appealing. Currituck Club and Corolla Light already have trolley systems that run within the development. However, there is not a system that connects subdivisions to destinations.

Staff recommends further study and exploration of a public transportation service.

Projects

After extensive research, stakeholder input, and development of plan goals, staff developed a project list. These projects range from infrastructure, signage, and safety. The project list encompasses 40 projects in Corolla.

Projects are broken down into 9 different categories:

1. Multi Use Paths
2. Beach Access Improvements
3. Parking Lot Improvements
4. Sidewalks
5. Baths Houses
6. Sounds Access
7. Public Transportation
8. Signage
9. Safety

Projects were ranked within each category by the following criteria (starting with the most important criteria):

1. Public Safety-
Does the project improve overall safety for users?
2. Need & Public Benefit-
Is there a need for the facility/infrastructure that would improve public safety or the overall user experience?

3. Interconnectivity and proximity to surrounding destinations-
Does the project connect destinations? i.e. neighborhoods to cultural, commercial, or natural destinations or beach/sound accesses. Is the project close by to existing destinations or neighborhoods that the project would be desirable or needed?
4. Cost Benefit-
Does the cost of the project outweigh the public safety improvements or need/public benefit?
5. Constraints-
Are there major constraints that would delay, lengthen, or be problematic to implementation?

County staff from Planning, Recreation, Engineering, Tourism, and the Manager's office met to review and prioritize projects. Staff worked together to review each project and rank the projects, within each category, according to the criteria listed above. Projects in each category are listed from highest priority to lowest priority.

Project List

ID #	Project Description
Multi-Use Paths (M)	
M1	Albacore Street to Schooner Road <i>Monterey Plaza (Food Lion)/Timbuck II/Southern Whalehead Subdivision to The Shoppes at Currituck Club/Harris Teeter</i> Construct multi use path in the right of way on the east side of NC 12. Length of path: 1.9 miles, .13 wet
M2	Audubon: Phase I A <i>Southern County Line to Audubon Drive(Hampton Inn)</i> Partner with Audubon to improve existing path with immediate improvements such as benches, landscaping, interpretative signage, and wildlife observation platforms. Length of path: 2.5 miles, 2.35 wet
M3	Schooner Road to Yaupon Lane <i>The Shoppes at Currituck Club/Harris Teeter to Southern Currituck Beach Access(Bathroom)</i> Construct multi use path in the right of way on the east side of NC 12. Length of path: 1.7 miles, .38 wet
M4	Albacore Street to Dolphin Street <i>Commercial Areas from Timbuck II/Monterey Plaza to Bank of Currituck</i> Construct multi use path in the right of way on the east and west sides of NC12. Also include connection to existing Monterey Shores bike path. Length of path: .3 miles, .04 wet
M5	Audubon: Phase 2 <i>Audubon Drive (Hampton Inn) to Yaupon Lane (Southern Outer Banks Beach Access (Bathroom)/Ocean Club Centre Shopping</i> Partner with Audubon to construct a multi use path on Audubon property from the Audubon Drive to Yaupon Ln. Evaluate potential locations for wildlife observation platforms. Length of path: 1.4 miles, .2 wet

M6	Audubon: Phase I B <i>Southern County Line to Audubon Drive(Hampton Inn)</i> Partner with Audubon to construct a multi use path on Audubon property from the County line to Audubon Drive. Also coordinate with Town of Duck for possible Southern connection. Evaluate potential locations for wildlife observation platforms and interpretative signage. Length of path: 2.5 miles, 2.35 wet
M7	Monterey Shores to Corolla Light <i>Connect existing path at Ocean Forest Court (Monterey Shores) to existing Corolla Light Path (North of Corolla Light Sports Center)</i> Construct multi use path in the right of way on the west side of Highway 12. Length of path: .7 miles, .04 wet
M8	Monterey Shores Bike Path- <i>Dolphin Street to Ocean Forest Court</i> Acquire existing multi use path, redesign, and improve (widen) Length of path: 1.4 miles, .41 wet
M9	Corolla Light Bike Path <i>South of Corolla Light Sports Center to Club Road (The Whalehead Club)</i> Acquire existing multi use path, redesign, and improve (widen) Length of path: 1.2 miles, .04 wet

Beach Access Improvements (BA)	
Whalehead Beach Access Improvements	
Redesign beach accesses to accommodate handicap access (roll out matting) and parking, kiss and ride (where feasible and appropriate), bicycle parking, and foot tower showers at the following locations:	
BA1:	Albacore: 60' ROW Width
BA 2:	Shad: 70' ROW Width
BA 3:	Dolphin: 60' ROW Width
BA 4:	Herring: 60' ROW Width



Whalehead Beach Parking Lots (P)

Whalehead Beach Parking Lot Improvements
Improve existing parking lots to be more user-friendly and aesthetically pleasing. Includes landscaping, trash cans, benches, shade, etc.

- P1: Bonito
- P2: Shad
- P3: Sturgeon
- P4: Sailfish

Sidewalks (SW)

Whalehead Beach Sidewalk Improvements
Design and construct sidewalks to connect NC 12 to Lighthouse Drive at the following beach access points:

- SW1: Albacore: 60' ROW Width/ 463' length
- SW 2: Shad: 70' ROW Width / 458' length
- SW 3: Bonito: 45' ROW/ 460' Length; Improve existing sidewalk
- SW 4: Dolphin: 60' ROW Width/ 461' length; appears to be more room for improvement on the north side of ROW.
- SW 5: Sailfish: Paper Street connection to NC12
- SW6: Perch: Pedestrian/Bike connection through Corolla Shores Development

Bath House (BH)

- BH1 Corolla Village Road Bath House
Construct Bathhouse on Corolla Village Road adjacent to Heritage Park and Currituck Lighthouse – incorporate handicap features, provide parking close to beach access point for handicapped and elderly, include air up/air down if possible
- BH2 Corolla Village Road- Bath House Parking
Short term parking and ADA improvements
- BH3 Trailhead and Parking Area (Turnpike Property across from Yaupon Lane)
Design and build a trailhead and parking area to serve the Audubon multi use path and overflow parking for the Yaupon St. Bath House.
- BH4 Southern Beach Access Improvements
Redesign and add ADA spaces
- BH5 Herring Street Bath House
Design and Construct bath house at Herring Street

Currituck Sound Access (CS)

- CS1 **County Property, 10 acre Sound Front**
North of Corolla Bay on west side of NC12
Phased master plan for parcel including immediate use for sound access and long term design objectives
- CS2 **Whalehead Club- Sound front boardwalk connection**
Improve usage of sound front. Design and construct boardwalk and fishing/crabbing/educational platforms to connect gazebo by the bridge to the State boardwalk north of the Wildlife Education Center.
- CS3 **Whalehead Club Boat Access**
Improve usage of sound front at Whalehead Club through design and installation of small boat slips (20' or less), docking pier, boardwalks, kayak launch, and fishing/crabbing platforms.

Public Transportation(PT)

- PT1 Investigate need and interest in public transportation that links neighborhoods to cultural, commercial, and natural destinations including beach and sound access points.

Signage (S)

- S1 Vehicular Signage
Create and develop branded signage including but not limited to:
 - Safety related signs for multi use paths: yield to pedestrians, multi use path crossing ahead, etc.
 - Wayfinding/Directional signage:
 - ID for destinations
 - mileage to destinations
 - Consistent system (similar to MP system) of referencing location within Currituck Outer Banks
 - Consistent public beach access signage



- S2 **Pedestrians and Cyclist Signage**
 Create and develop branded signage including but not limited to:
- Safety related signs for multi use paths: stop signs, crossing ahead, yield to traffic
 - Location map- beach/sound access points, multi use path trail system, and destinations
 - Way finding/Directional signage: ID for destinations and mileage to destinations
 - Street name signs at crossovers on road and ocean side
 - Lighthouse Drive Signed Bike Route (Albemarle Regional Bicycle Plan)
- S3 **Interpretive Signage**
 Evaluate and locate areas for interpretative signage that educate and inform users about local history, culture, and natural environment

Safety (SA)

- SA1 **Pedestrian Crosswalks**
1. Install pedestrian crosswalks at NC 12 and:
 - N. Harbor View
 - Shad
 - Herring
 - Albacore (stripe all 4 sides)
 - Schooner
 - Spindrift
 - Audubon Dr
 2. Install pedestrian crosswalks at Lighthouse and:
 - Shad
 - Tuna
 - Sturgeon
 - Perch
 - Mackerel (needs pedestrian sign only, crosswalk existing)
 - Bonito (needs pedestrian sign only, crosswalk existing)
 - Dolphin (needs restriping)
 - Albacore
 3. Install traffic calming mechanisms and/or pedestrian crossing island
 - Yaupon Lane/Old Stoney Road
 - Corolla Village Road

***Petition NC DOT to install crosswalks on NC DOT streets

- SA2 **Outreach**
- Design and create multi use path map for Corolla that reflects connections to all destinations and beach/sound accesses
 - Coordinate with the Tourism Department
- SA3 **Signalized Lights**
 Petition NC DOT to modify existing stop lights to pedestrian signalized lights at the following locations:
- Albacore and NC 12
 - Schooner Ridge/Currituck Clubhouse Drive and NC12
- SA4 **Air Up/Air Down Stations and Vehicle Pull Off's**
 Identify areas for and install air up and air down stations for users of the off road area.
 Potential locations include:
- ROW VOH Well field (east side Hwy 12, air down)
 - ROW VOH Pocket Park or south of pocket park (VOH Open Space)(west side Hwy 12, vehicle pull off)
 - County Satellite office or ROW in front
 - Whalehead Club
 - 10 acre county parcel adjacent to Corolla Bay
 - Southern Outer Banks Water Department or ROW
 - Proposed Corolla Village Bathhouse, Corolla Village Road



Policies & Actions

Policy CC1: Continue to collaborate with partners in the private and nonprofit sectors to develop innovative facilities and spaces that provide a diversity of needed recreation facilities.

Action CC1a: Continue to partner with Audubon to design and construct facilities that meet the needs of visitors and residents.

Action CC1b: Continue to collaborate with Whalehead Trust to master plan the property.

Policy CC2: Ensure that facilities planned and developed are universally accessible to all users and comply with ADA standards. Update existing facilities, when renovations are undertaken, to be compliant with ADA standards and any new county, state, and federal regulations.

Action CC2a: Develop a prioritized list of existing county facilities that outlining what improvements are needed to make them more ADA compliant, and the associated cost for potential improvements.

Policy CC3: Ensure that all development includes public spaces that connect to and benefit from their proximity to public and private infrastructure such as greenway trails, sidewalks, beach and sound accesses, and plazas.

Action CC3a: Amend the UDO to incorporate standards for design and construction of public spaces that are accessible to all users and connect to existing or planned infrastructure.

Policy CC4: Promote Complete Street design standards that provide mobility for all types of transportation modes and support mutually reinforcing land use and transportation decisions. This includes but is not limited to: side paths, bike lanes, pedestrian scaled lighting, well spaced trees and vegetation, and frequent and well matched pedestrian crossings.

Action CC4a: Coordinate with NCDOT to examine the typical street cross section accepted for regular street/road maintenance and work collaboratively to better incorporate infrastructure that safely meets the needs of all users.



Action CC4b: Amend the UDO to define and require pedestrian scale lighting, pedestrian crossings, and bike parking for all development.

Policy CC5: Ensure that all development is designed in a way that provides appropriate and safe movement, infrastructure, and amenities for all users including, bicyclists, pedestrians, and motorists.

Policy CC6: Ensure that all development plans for and constructs infrastructure to connect existing or planned projects.

Action CC6a: Amend the UDO Section 1.5 Conformance with Adopted Plans to include Connecting Corolla: Bike, Pedestrian, & Wayfinding Plan.

Action CC6b: Amend the UDO to incorporate standards that require all development to connect to existing or planned infrastructure.

Policy CC7: Ensure that all development provides separation of side paths, or similar facilities, from roadways consistent with AASTHO standards.

Action CC7a: Amend the UDO to incorporate standards that require separation of side paths, or similar facilities, from roadways consistent with AASTHO standards.

Policy CC8: Encourage street design layout that calms traffic, encourages pedestrian safety, and increases livability through the use of roundabouts, medians, speed tables, safety signage, and bulbouts.

Policy CC9: Encourage and support the creation of a comprehensive safety awareness and bicycle, pedestrian, driver outreach program.

Action CC9a: Partner with Tourism to develop outreach programs and materials such as bike to work/school, bike/pedestrian side path maps, and integration of location of facilities into smart phone application.

Policy CC10: Support development and maintenance of public facilities that represent and reflect the level of investment and value of private investment in the community.

Action CC10a: Conduct a study to be incorporated into the County's Capital Improvement Plan (CIP), to identify and determine typical staffing needs, on-going maintenance costs, and any needed facility renovations and costs.



Action CC10b: Design and plan County facilities that are compatible with coastal architecture (Coast Guard Style), embrace sustainable design methods, meet the needs of users, and utilize low maintenance, native, and drought/salt tolerant vegetation.

Policy CC11: Support the exploration of public transportation.

Action CC11a: Conduct a study to determine the best methodology for implementing a public transportation system in Corolla. Seek partnership opportunities to strengthen the study such as ICPTA.

Policy CC12: Encourage development of a wayfinding signage system for pedestrians and vehicles to better orient users to the area.

Action CC12a: Develop a plan to identify types and locations of branded wayfinding, safety, and information signage for pedestrians, cyclists, and vehicles and install appropriate signage.



Appendices

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Appendix F: Projects

Appendix G: Maps

Future: Conceptual Plan

Future: Typical Cross Sections

Appendix A: Meeting Schedule

Date	Meeting Attendees
1/25/2013	<i>Corolla Light Resort</i> Don Cheek, General Manager Suzanne Serianni, Operations Manager
1/25/2013	<i>Buck Island</i> Harry Elam,
1/25/2013	<i>Villages at Ocean Hill</i> Vicki Garvey, General Manager
1/29/2013	<i>Monteray Shores</i> Karen Galganski, General Manager
1/29/2013	<i>Ocean Hill</i> Ed Cornet, Karen Ish
1/29/2013	<i>Lighthouse Resort Services – The Currituck Club</i> Daniel Walker
1/30/2013	<i>Corolla Ocean Rescue</i> Sylvia Wolff
2/15/2013	<i>Pine Island</i> Jeff Shields
2/20/2013	<i>Village Realty</i> Krista Templeton, Rental Management
2/20/2013	<i>Corolla Classic Vacations</i> Billy Casper, VP of Property Management Nancy Beasley, Director of Reservations
3/12/2013	<i>Sun Realty</i> Neil Konigsberg, Manager & Broker in Charge
3/12/2013	<i>Brindley Beach</i> Doug Brindley, President
3/12/2013	<i>Twiddy & Company</i> Sharon Twiddy Ross Twiddy, Marketing Director
3/14/2013	<i>Corolla Civic Association</i> Barb Marzetti
4/25/2013	<i>Corolla Civic Association</i> Public Meeting
5/3/2013	<i>Whalehead Club Subdivision</i> Terry Ruggles (conference call)
6/11/2013	<i>Whalehead Club Subdivision</i> Terry Ruggles
8/19/2013	<i>Currituck Club</i> Heidi Corsello John Bohan



Appendix B: Realty and Property Management Company Meeting Notes

Village Realty

Krista Templeton, Rental Management

2.20.2013

Village Realty rents 227 units in Currituck County, 134 are in Currituck Club

Feedback:

1. Currituck County Southern Beach Access is crowded and parking is a problem – sometimes there is overflow parking in Ocean Club Center and parallel parking along Old Stoney Road (“no parking” enforcement is intermittent)
2. Need Handicapped Accessible boardwalks and parking closer to beach for Handicapped and Elderly
3. It is challenging to get to the beach in certain sections of Ocean Sands because of the layout and the pond (HIJO & KLMN)
4. Need better education (ex. RV’s, Mobile Homes, Trailers not allowed)
5. Public Transit may be helpful
6. More events in the shoulder season may be beneficial to extend rental season
7. Tourists ask about bike trails – maps of existing trails would be helpful
8. Improve connectivity to commercial centers
9. Some Currituck Club owners buy passes to Pine Island Beach Club for better ocean access

Marketability factors:

1. The home & it’s amenities
2. Location
3. Time of year
4. # Bedrooms (Largest house in rental program is 8 bedrooms, fewer # bedrooms rent more quickly & easier)

Best way to distribute information:

1. Website
2. Links to maps/information
3. Front desk – packets not effective
4. Community map may be helpful
5. Magnets aren’t as effective (wont stick to stainless appliances)



Trends:

Rentals are staying consistent

A few properties come out of rental program each year to be used as second homes

Currituck Club is desirable because the homes are custom and luxurious; also the houses have more amenities. Renters like the privacy of the gated community.

From Memorial – Labor Day, golf doesn't seem to be the driving factor for rentals in Currituck Club

Year round population in Currituck Club has decreased (possibly because of seasonal rentals)

In Currituck Club, tourists complain about long waits for trolleys to the beach mostly from 4th of July through mid-August

Sun Realty

Neil Konigsberg, Manager & Broker in Charge

3.12.2013

Feedback:

Parking is an issue in Corolla – especially on rainy days

Traffic is a problem (weekend check-in days) – Sun Realty does rolling check-in so guests can access their rental house as soon as it is ready.

A bathhouse could help with early check-in to give visitors a place to park and go to the beach while they are waiting on their house.

There needs to be more activities in the shoulder season.

Ocean Sands (no parking close to beach)

Whalehead is a popular area to rent because the lots are next to the beach

There is a shortage of rentals for workers

Rental of sound side homes is more difficult



Consolidate information and make available on website or by email (i.e. Tourist, Lifeguard, and Planning)

Provide better information about what is unique to the Corolla area

Widen shoulder of NC12 for road bikes

Provide Handicapped access

There has been an increase in pet-friendly houses.

Sun Realty does not have any rental properties in Pine Island

Marketability factors:

1. Location (Close to beach)
2. Amenities
3. Keeping Home updated and current
4. Number of bedrooms
5. Saturday to Saturday rentals rent better than Sunday to Sunday rentals
6. Time of year (July-Aug easy months to rent)

Feedback on 4x4 Areas:

Off-road rentals – are improving

Water quality – better through treatment systems

Better vendors – more competent – more professional

Most people who rent in 4x4 area have visited Corolla

Rental costs are less in off road

Sun Realty provides air for guests

Sun Realty is the second largest realty company in 4x4 area with 30-40 houses



Corolla Classic Vacations

Billy Casper, Vice President of Property Management

Nancy Beasley, Director of Reservations

2.20.2013

Manage 213 properties in Corolla, none in 4x4 areas

Feedback:

Easy access to beach is important

Manage 74 homes in Whalehead

Monterey Shores is hard to rent because there is no direct access to the beach

Rent approximately 200 Oceanside homes

Have 2 to 3 properties per year pull out of rental program for use as a second home (often after 10 yrs of renting)

Average home size is 6 bedrooms, none smaller than 4 bedrooms, a few 10 bedrooms

Whalehead 6th row center (parking is necessary because of distance to beach)

Facilities

Guests/Tourists ask if there is public transportation

Need wheel chair accessible accesses

People come mostly for the beach

Asked about a ferry from the mainland

Marketability factors:

1. Size of home
2. Location (as close as possible to beach)
3. Amenities (pool/hot tub/recreation room)
4. Traffic is a drawback (split check-ins help)
5. Affordability
6. Well maintained and current homes



How can County help:

A bathhouse could help with early check-in to give visitors a place to park and go to the beach while they are waiting on their house

Improve existing parking areas with foot showers and other amenities

Provide Handicap access to the beach

Improved access via bike paths

Public transportation (to commercial areas & Whalehead)

Best way to disseminate Information:

1. Send an email to guests (10 days ahead of arrival)
2. Facebook
3. Website
4. Map or links with beach access points and lifeguard stands

Brindley Beach

Doug Brindley, President

3.12.2013

Feedback:

Need ocean access – few and far between outside of communities

Need Trolley System – Public Transportation

Multi use path

Need one focal point ocean access with commercial area and services, food, childcare



Improve facilities at existing accesses

Need more organized activities (ex: Weekly 5K run, bootcamps, triathlon)

Service provider's need the ability to drive on beach in am and pm (i.e. cabana service chairs and umbrella setup)

Rentals:

Corolla 444

Corolla Light 139

Whalehead 77

Pine Island 66

Ocean Sands 51

Marketability Factors

1. Location
2. # Bedrooms
3. Pool – Amenities
4. Upgraded/Maintained
5. 6-8 Bedrooms rent best

Best way to disseminate Information

1. Website
2. Social Media
3. Blog
4. Tent signs /Fridge signs



Twiddy & Co.

Sharon Twiddy

Ross Twiddy

3.12.2013

Marketability:

1. Direct beach access/Oceanfront
2. # Bedrooms
3. Amenities (hot tub, pool, elevator, theatre)

Rental Properties:

Pine Island 75

Whalehead 142

4x4 Area has 173 total rentals (Twiddy has 149)

Problems:

Long term parking

Feedback:

Beach is the #1 priority – Clean Beach

Provide hospitality team out on beach

Provide bathrooms

Provide Long term & Short term parking

Provide Air up/air down

Improve roads in 4x4 area



Water quality in 4x4 area

Need trash cans and pick up on beach

Haven't received feedback on tents on beach

Improve signage

Best way to disseminate information:

1. YouTube Videos
2. Pre Arrival Email
3. Facebook



Appendix C: Home Owner Association Meeting Notes

Corolla Light Resort

Don Cheek, General Manager

Suzanne Serianni, Operations Manager

1/25/2013

Total Units	Undeveloped Lots	Year Round	Rentals	Non-Rental	E of NC12	W of NC12
419	19	10-12	291		268	151

Corolla Light operates an internal trolley system to transport guests to amenities within the resort. The trolleys operate from Memorial Day to Labor Day between 9AM and 7PM. The oceanfront trolley transported approximately 8,500 people and the two larger trolleys transported approximately 72,000 people over the summer.

Property Management Companies with majority of properties:

- Brindley Beach
- Twiddy
- Corolla Classic Vacations
- Village Realty
- Sun Realty

Feedback and Suggestions:

- Would like the County to acquire and improve existing sidewalk in Corolla Light
- Provide fitness equipment along multi use paths
- Increase education on the use of low-speed vehicles (golf carts)
- Improve signage (convey a consistent message)
- Provide a public relations person on beach
- Provide trashcans on the beach
- Corolla Light Resort would like permission for use of an ATV and service vehicles on the beach in the early AM
- Improve maintenance of County facilities and paths
- Provide pet friendly areas (i.e. dog park)



Other Comments

- There appears to be a trend in Corolla Light Resort of a decline in the number of rental homes.
2008 – 324 rental homes

2009 – 312 rental homes

2010 – 302 rental homes

2011 – 307 rental homes

2012 – 292 rental homes

2013 – 291 rental homes
- Currituck County owns 6 lots in Corolla Light PUD

Buck Island

Harry Elam

1/25/2013

Total Units	Undeveloped Lots	Year Round	Rentals	Non-Rental	E of NC12	W of NC12
113	8-10	8	64	18	111	2 (not in association)

Property Management Companies with most units in Subdivision

- Twiddy

Other Comments

- Buck Island is open to a sidewalk connection to the stoplight at Albacore Street
- Existing pedestrian paths connect Buck Island to Albacore Street



Monterey Shores

Karen Galganski, General Manager

1/29/2013

Total Units	Undeveloped Lots	Year Round	Rentals	Non-Rental	E of NC12	W of NC12
385	109 (+71 maybe)	29	108		35	350

Property Management Companies with most units in Subdivision

- Brindley
- Resort Realty

Suggested Improvements

- Parking for ocean access is scarce (Monterey Shores usually directs visitors to the Sailfish Street and Bonito Street parking lots)
- Provide water fountains along multi use paths
- Provide more bathroom facilities
- Interested in trolley/public transit
- Provide directional signage along multi-use paths and to access points
- Expand the multi-use path to Monterey Shores Plaza and other commercial areas

Other Comments

- There appears to be a trend of decreasing rental properties in Monterey Shores



Villages at Ocean Hill

Vicki Garvey, Manager

1/25/2013

Total Units	Undeveloped Lots	Year Round	Rentals	Non-Rental	E of NC12	W of NC12
244 (9-12 potential sketch) 199 houses	46	Approx. 20 (more rentals than 2 nd homes)			140 (129 homes, 11 vacant)	104 (69 homes, 35 vacant lots, not including well site)

Suggested Improvements

- Provide Handicapped Access to Beach
- Tourists need help finding where they are going

Other Comments

- Possible abandoned well site on corner of Windance/NC12



Ocean Hill

Ed Cornet, Karen Ish

1/29/2013

Total Units	Undeveloped Lots	Year Round	Rentals	Non-Rental	E of NC12	W of NC12
113	12	9	76	16	111	2

Property Management Companies with most units in Subdivision

- Twiddy

Pine Island

Jeff Shields, Seaside Management, Pine Island POA

2/15/2013

Total Units	Undeveloped Lots	Year Round	Rentals	Non-Rental	E of NC12	W of NC12
273	4	1	232	35	All	0

Property Management Companies with most units in Subdivision

- Twiddy
- Brindley
- Carolina Designs



Suggested Improvements

- Dune Management is a concern and a priority
- Explore feasibility of a Trolley service
- Improve maintenance of Currituck County Southern Beach Access (i.e. pot holes, trim Russian olives)
-

Other Comments

- Pine Island may consider opening some accesses to the public to be eligible for beach nourishment funds
- Currituck Club owners can buy beach passes to use Pine Island Pool Facility and Beach Access

Currituck Club

Daniel Walker, General Manager of Lighthouse Resort Services

1/29/2013

Total Units	Undeveloped Lots	Year Round	Rentals	Non-Rental	E of NC12	W of NC12
650 (including 30 condo units at Windswept Ridge)	405	Approx 30	215-230 weekly rentals	50	All	0

Speculates 95% of Public Access lot use is Currituck Club Residents

Only one ocean access for Subdivision (Yaupon)

Trolley Service: 4 - 15 passenger trolleys, 2 run on hourly schedules, 2 backups, Served 60,000 in 2012 (can take 1 -1.5 hrs to get to beach depending on trolley system)

Trolley runs from Memorial Day to Labor Day

Use wrist band system for trolley

Subdivision approximately 50% built

No sound access: Boat Ramp near Historic Loop – if property changes hands=no boat ramp

Rental companies allow parking in commercial center

Property Management Companies with most units in Subdivision

- Village Realty (approx. 50%)
- Paramount
- By Owner (approx. 20)

Suggested Improvements

- Provide Trash cans on beach
- Provide trash pick up of tents/umbrellas
- Maintain Currituck County Southern Beach Access (clear vegetation)
- Provide more bike racks Currituck County Southern Beach Access
- Provide more parking spaces at Currituck County Southern Beach Access (lot is full)
- Provide parking for golf carts at Currituck County Southern Beach Access

Other Comments

- Subdivision has a problem with trespassing (people enter to use sidewalks)
- Possible Trend: Year round resident properties have decreased
- Rentals have increased; season is extending into fall



Whalehead

Terry Ruggles, President of Whalehead Property Owner's Association

5/3/2013 Conference call

2 ¾ miles of oceanfront, 4 east/west streets (Shad, Albacore, Bonito, Dolphin)

Property Management Companies with most units in Subdivision

- Twiddy
- Kitty Dunes

Suggested Improvements

- Improved signage on 12
- Improved accesses (foot towers, showers, landscaping, signage)



Appendix D: Stakeholder Questions

Home Owner Association Questions

- How many total units are in the development?
- How many undeveloped lots are in the development?
- How many year-round, rentals or second homes are in the development?
- How many units are on the West side of NC 12 (if applicable)?
- How many ocean and sound accesses are there in the development?
- Does the community have future plans for infrastructure (access, sidewalks, and/or renovations)?
- What are the approximate annual costs to maintain the existing amenities in the development?
- How can the County improve access to the beach, sound, commercial areas, or cultural sites?
- Are there types of infrastructure that would improve access or improve the user experience to the beach, sound, commercial areas, or cultural sites?
- Is there consistent feedback you receive from visitors about their stay in Corolla? Is there consistent feedback you receive specifically related to ocean and sound access, side paths, facilities, and their ability to move between destinations?
- Are there restrictions on County-sponsored signage within the development? (i.e. rules of the beach or directional signs)
- Which realty company manages the majority of properties in the development?

Realty and Property Management Company Questions

- Is there consistent feedback you receive from visitors about their stay in Corolla? Is there consistent feedback you receive specifically related to ocean and sound access, side paths, facilities, and their ability to move between destinations?
- How many houses are managed in each subdivision and the location (east or west side of NC 12)?
- What is the best way to disseminate information to visitors about rules of beach, importance of dunes, public accesses, etc?
- Marketability – what makes a difference? What factors make a house more desirable?
- What characteristics or factors increase the value of rentals (OF, Semi OF, Sound side)
- How can the County work with realty companies and the community to make the visitor stay more enjoyable?
- How can the County improve access to destinations including commercial sites, cultural opportunities, and beach/sound accesses?
- Are there things the County can do or implement (i.e. infrastructure or services) that would increase the value of a rental?



Appendix E: User Survey

1. Where are you from?

2. Where are you staying?

3. How did you get here?

4. A. Where do you typically access the ocean or sound? [Check one]
 - Whalehead subdivision public access(s)
 - Currituck Southern Outer Banks access (across from ABC store)
 - Corolla Village Road (across from Currituck Lighthouse)
 - Private subdivision access
 - Off-road area access (4-wheel drive area)
 - Other: _____

B. How do you typically get to a beach or sound access? [Check all that apply]

 - Drive
 - Bike
 - Walk
 - Shuttle
 - Combination (please explain): _____
 - Other: _____
- 5. What types of amenities would you like to see at a beach or sound access? [Check all that apply]
 - Bathhouse (enclosed changing room, shower, restroom)
 - Restroom
 - Water fountain
 - Trash cans/ recycle bins
 - Bike racks
 - Picnic tables
 - Wheelchair access (ADA)
 - Shaded seating area
 - Boardwalk



Appendix F: Projects

ID #	Project Description	Need	Constraints	Cost	Maintenance	Next Steps (Study/Purchase/ Design/Improvement)
	Multi-Use Paths (M)	Provide a safe, alternate means of movement for pedestrians and cyclists from County line to 4x4 area.	—	<ul style="list-style-type: none"> — \$800,000/linear mile (does not include lighting) — Approximate Total: \$8,880,000 (all proposed multi use paths) 	<ul style="list-style-type: none"> — Mowing — Trimming — Weeding beds — Sand/debris removal — Watering/Irrigation — \$27,000/mile 	
M1	Albacore Street to Schooner Road <i>Monteray Plaza (Food Lion)/Timbuck II/Southern Whalehead Subdivision to The Shoppes at Currituck Club/Harris Teeter</i> Construct multi use path in the right of way on the east side of NC 12. Length of path: 1.9 miles, .13 wet		<ul style="list-style-type: none"> — Obtain NC DOT encroachment agreement — Areas around Schooner (in front of Harris Teeter) and NC 12 Intersection may be widened or impacted by bridge design. 	\$1,520,000		<ul style="list-style-type: none"> — Obtain NC DOT Encroachment Agreement — Design — Build
M2	Audubon: Phase I A <i>Southern County Line to Audubon Drive(Hampton Inn)</i> Partner with Audubon to improve existing path with immediate improvements such as benches, landscaping, interpretative signage, and wildlife observation platforms. Length of path: 2.5 miles, 2.35 wet		<ul style="list-style-type: none"> — Site Control 			<ul style="list-style-type: none"> —
M3	Schooner Road to Yaupon Lane <i>The Shoppes at Currituck Club/Harris Teeter to Southern Currituck Beach Access(Bathhouse)</i> Construct multi use path in the right of way on the east side of NC 12. Length of path: 1.7 miles, .38 wet		<ul style="list-style-type: none"> — Obtain NC DOT encroachment agreement — Several areas in the ROW are narrow. May have to taper path or obtain easements — Ocean Sands: Sections A, B, C have 17 driveway crossings on east side of NC12 and 22 driveway crossings on west side of NC12 — Areas around Schooner (in front of Harris Teeter) and NC 12 Intersection may be widened or impacted by bridge design 	\$1,360,000		<ul style="list-style-type: none"> — Obtain NC DOT Encroachment Agreement — Design — Build



M4	<p>Albacore Street to Dolphin Street Commercial Areas from Timbuck II/Monteray Plaza to Bank of Currituck</p> <p>Construct multi use path in the right of way on the east and west sides of NC12. Also include connection to existing Monteray Shores bike path.</p> <p>Length of path: .3 miles, .04 wet</p>	<p>Paths on both sides needed to provide safe access to all commercial destinations.</p>	<ul style="list-style-type: none"> — Obtain NC DOT encroachment agreement — This section of NC12 may be widened or impacted by bridge design. 	\$480,000		<ul style="list-style-type: none"> — Obtain NC DOT Encroachment Agreement — Design — Build
M5	<p>Audubon: Phase 2 Audubon Drive (Hampton Inn) to Yaupon Lane (Southern Outer Banks Beach Access (Bathhouse)/Ocean Club Centre Shopping</p> <p>Partner with Audubon to construct a multi use path on Audubon property from the Audubon Drive to Yaupon Ln. Evaluate potential locations for wildlife observation platforms.</p> <p>Length of path: 1.4 miles, .2 wet</p>		<ul style="list-style-type: none"> — Obtaining Site control — Budget 			<ul style="list-style-type: none"> — Obtain site control — Design — Build
M6	<p>Audubon: Phase I B Southern County Line to Audubon Drive(Hampton Inn)</p> <p>Partner with Audubon to construct a multi use path on Audubon property from the County line to Audubon Drive. Also coordinate with Town of Duck for possible Southern connection. Evaluate potential locations for wildlife observation platforms and interpretative signage.</p> <p>Length of path: 2.5 miles, 2.35 wet</p>		<ul style="list-style-type: none"> — Obtaining Site control — Budget 			<ul style="list-style-type: none"> — Obtain site control — Design — Build
M7	<p>Monteray Shores to Corolla Light Connect existing path at Ocean Forest Court (Monteray Shores) to existing Corolla Light Path (North of Corolla Light Sports Center)</p> <p>Construct multi use path in the right of way on the west side of Highway 12.</p> <p>Length of path: .7 miles, .04 wet</p>		<ul style="list-style-type: none"> — This area is the potential terminus for the bridge and will be widened or impacted by bridge design. 	\$560,000		<ul style="list-style-type: none"> — Obtain NC DOT Encroachment Agreement — Design — Build
M8	<p>Monteray Shores Bike Path- Dolphin Street to Ocean Forest Court Acquire existing multi use path, redesign, and improve (widen)</p> <p>Length of path: 1.4 miles, .41 wet</p>		<ul style="list-style-type: none"> — Depending on areas to be improved or widened may need NC DOT encroachment agreement or easement from property owner 	Cost per linear mile may increase if include removal of existing path		<ul style="list-style-type: none"> — Obtain portions of path on private property — Explore redesign and modification
M9	<p>Corolla Light Bike Path South of Corolla Light Sports Center to Club Road (The Whalehead Club)</p>		<ul style="list-style-type: none"> — Depending on areas to be improved or widened may need NC DOT encroachment agreement or easement from 	Cost per linear mile may increase if include removal of existing path		<ul style="list-style-type: none"> — Obtain portions of path on private property — Explore redesign and



	Acquire existing multi use path, redesign, and improve (widen) Length of path: 1.2 miles, .04 wet		property owner			modification
Beach Access Improvements (BA)						
	Whalehead Beach Access Improvements Redesign beach accesses to accommodate handicap access (roll out matting) and parking, kiss and ride (where feasible and appropriate), bicycle parking, and foot tower showers at the following locations: BA1: Albacore: 60' ROW Width BA 2: Shad: 70' ROW Width BA 3: Dolphin: 60' ROW Width BA 4: Herring: 60' ROW Width	<ul style="list-style-type: none"> — Currently there are no handicap accessible beach crossovers or handicap parking areas close to beach accesses — Existing beach accesses are littered with bikes, wagons, and strollers making it difficult to access the crossover. Often bikes are laying on the shoulder of Lighthouse Dr. 	<ul style="list-style-type: none"> — Several of the accesses have limited space — Cost for hook up to water to provide foot tower shower 	<ul style="list-style-type: none"> — Roll Out Matting: \$1500 for 30' — Beach Wheelchairs \$2000/ea. 		<ul style="list-style-type: none"> — Develop conceptual site plan/schematic, phasing (if needed), and renderings (if needed). — Develop construction level drawings — Bid/Award — Construct
Whalehead Beach Parking Lots (P)						
	Whalehead Beach Parking Lot Improvements Improve existing parking lots to be more user-friendly and aesthetically pleasing. Includes landscaping, trash cans, benches, shade, etc. P1: Bonito P2: Shad P3: Sturgeon P4: Sailfish			NA		<ul style="list-style-type: none"> — Develop conceptual site plan/schematic, phasing (if needed), and renderings (if needed). — Develop construction level drawings — Bid/Award — Construct
Sidewalks (SW)						
	Whalehead Beach Sidewalk Improvements Design and construct sidewalks to connect NC 12 to Lighthouse Drive at the following beach access points: SW1: Albacore: 60' ROW Width/ 463' length SW 2: Shad: 70' ROW Width / 458' length SW 3: Bonito: 45' ROW/ 460' Length; Improve existing sidewalk SW 4: Dolphin: 60' ROW Width/ 461' length; appears to be more room for improvement on the north side of ROW. SW 5: Sailfish: Paper Street connection to NC12 SW6: Perch: Pedestrian/Bike connection through Corolla Shores Development	Provide a safe, alternate means of movement for pedestrians and cyclists from Hwy 12 to Lighthouse Dr.	<ul style="list-style-type: none"> — Limited ROW width — Dolphin: Small ditch along both sides of road 	NA		<ul style="list-style-type: none"> — Obtain NC DOT Encroachment Agreement — Develop conceptual site plan/schematic, phasing (if needed), and renderings (if needed). — Develop construction level drawings — Bid/Award — Construct



Bath House (BH)						
BH1	Corolla Village Road Bath House Construct Bathhouse on Corolla Village Road adjacent to Heritage Park and Currituck Lighthouse – incorporate handicap features, provide parking close to beach access point for handicapped and elderly, include air up/air down if possible	To provide restroom and showering facilities for visitors	— No site control	— Building Cost: \$750,000 — Land Cost: Approximately \$100-150,000	—Approximately \$11,000	<ul style="list-style-type: none"> — Develop conceptual site plan/schematic, phasing (if needed), and renderings (if needed). — Develop construction level drawings — Bid/Award — Construct
BH2	Corolla Village Road- Bath House Parking Short term parking and ADA improvements					<ul style="list-style-type: none"> — Develop conceptual site plan/schematic, phasing (if needed), and renderings (if needed). — Develop construction level drawings — Bid/Award — Construct
BH3	Trailhead and Parking Area (Turnpike Property across from Yaupon Lane) Design and build a trailhead and parking area to serve the Audubon multi use path and overflow parking for the Yaupon St. Bath House.		— Site Control			<ul style="list-style-type: none"> — Develop conceptual site plan/schematic, phasing (if needed), and renderings (if needed). — Develop construction level drawings — Bid/Award — Construct
BH4	Southern Beach Access Improvements Redesign and add ADA spaces					<ul style="list-style-type: none"> — Develop conceptual site plan/schematic, phasing (if needed), and renderings (if needed). — Develop construction level drawings — Bid/Award — Construct



BH5	Herring Street Bath House Design and Construct bath house at Herring Street		— Site control	— Building Cost: \$750,000	— Approximately \$11,000	<ul style="list-style-type: none"> — Obtain site control — Develop conceptual site plan/schematic, phasing (if needed), and renderings (if needed). — Develop construction level drawings — Bid/Award — Construct
Currituck Sound Access (CS)						
CS1	County Property, 10 acre Sound Front <i>North of Corolla Bay on west side of NC12</i> Phased master plan for parcel including immediate use for sound access and long term design objectives			— Approximately \$200,000		<ul style="list-style-type: none"> — Develop conceptual site plan/schematic, phasing (if needed), and renderings (if needed). — Develop construction level drawings — Bid/Award — Construct — Construct sound access and parking
CS2	Whalehead Club- Sound front boardwalk connection Improve usage of sound front. Design and construct boardwalk and fishing/crabbing/educational platforms to connect gazebo by the bridge to the State boardwalk north of the Wildlife Education Center.			— \$28/Square Foot per Town of Duck		<ul style="list-style-type: none"> — Develop conceptual site plan/schematic, phasing (if needed), and renderings (if needed). — Develop construction level drawings — Bid/Award — Construct
CS3	Whalehead Club Boat Access Improve usage of sound front at Whalehead Club through design and installation of small boat slips (20' or less), docking pier, boardwalks, kayak launch, and fishing/crabbing platforms.			— \$28/Square Foot per Town of Duck		<ul style="list-style-type: none"> — Develop conceptual site plan/schematic, phasing (if needed), and renderings (if needed). — Develop construction level drawings — Bid/Award — Construct



Public Transportation(PT)						
PT1	Investigate need and interest in public transportation that links neighborhoods to cultural, commercial, and natural destinations including beach and sound access points.		<ul style="list-style-type: none"> — Site control for pick up locations — Cost 			<ul style="list-style-type: none"> — Study
Signage (S)						
S1	<p>Vehicular Signage</p> <p>Create and develop branded signage including but not limited to:</p> <ul style="list-style-type: none"> — Safety related signs for multi use paths: yield to pedestrians, multi use path crossing ahead, etc. — Wayfinding/Directional signage: <ul style="list-style-type: none"> o ID for destinations o mileage to destinations o Consistent system (similar to MP system) of referencing location within Currituck Outer Banks — Consistent public beach access signage 				<p>Cost of Signage depends on need for public safety and aesthetics.</p>	<ul style="list-style-type: none"> — Request NC DOT to study and install safety related signage where appropriate — Work with Consultant to study appropriate way finding signage
S2	<p>Pedestrians and Cyclist Signage</p> <p>Create and develop branded signage including but not limited to:</p> <ul style="list-style-type: none"> — Safety related signs for multi use paths: stop signs, crossing ahead, yield to traffic — Location map- beach/sound access points, multi use path trail system, and destinations — Way finding/Directional signage: ID for destinations and mileage to destinations — Street name signs at crossovers on road and ocean side — Lighthouse Drive Signed Bike Route (Albemarle Regional Bicycle Plan) 				<p>Cost of signed Lighthouse Drive bike route (3.6 miles) \$12,000 per Albemarle Regional Bicycle Plan</p> <p>Cost of Signage depends on need for public safety and aesthetics.</p>	<ul style="list-style-type: none"> — Request NC DOT to study and install safety related signage where appropriate — Work with Consultant to study appropriate way finding signage
S3	<p>Interpretive Signage</p> <p>Evaluate and locate areas for interpretative signage that educate and inform users about local history, culture, and natural environment</p>				<p>Depends on number of selections and type of signage</p>	



	Safety (SA)					
SA1	<p>Pedestrian Crosswalks</p> <p>4. Install pedestrian crosswalks at NC 12 and:</p> <ul style="list-style-type: none"> — N. Harbor View — Shad — Herring — Albacore (stripe all 4 sides) — Schooner — Spindrift — Audubon Dr <p>5. Install pedestrian crosswalks at Lighthouse and:</p> <ul style="list-style-type: none"> — Shad — Tuna — Sturgeon — Perch — Mackerel (needs pedestrian sign only, crosswalk existing) — Bonito (needs pedestrian sign only, crosswalk existing) — Dolphin (needs restriping) — Albacore <p>6. Install traffic calming mechanisms and/or pedestrian crossing island</p> <ul style="list-style-type: none"> — Yaupon Lane/Old Stoney Road — Corolla Village Road <p>***Petition NC DOT to install crosswalks on NC DOT streets</p>				Cost for each thermoplastic reflective paint striping \$1500	— Request NC DOT to install crosswalks
SA2	<p>Outreach</p> <ul style="list-style-type: none"> — Design and create multi use path map for Corolla that reflects connections to all destinations and beach/sound accesses — Coordinate with the Tourism Department 					— Coordinate with tourism
SA3	<p>Signalized Lights</p> <p>Petition NC DOT to modify existing stop lights to pedestrian signalized lights at the following locations:</p> <ul style="list-style-type: none"> — Albacore and NC 12 — Schooner Ridge/Currituck Clubhouse Drive and NC12 					— Request NC DOT to look into signalized lights



SA4	<p>Air Up/Air Down Stations and Vehicle Pull Off's Identify areas for and install air up and air down stations for users of the off road area. Potential locations include:</p> <ul style="list-style-type: none"> — ROW VOH Well field (east side Hwy 12, air down) — ROW VOH Pocket Park or south of pocket park (VOH Open Space)(west side Hwy 12, vehicle pull off) — County Satellite office or ROW in front — Whalehead Club — 10 acre county parcel adjacent to Corolla Bay — Southern Outer Banks Water Department or ROW — Proposed Corolla Village Bathhouse, Corolla Village Road 		<ul style="list-style-type: none"> — Site control — Southern Outer Banks Water Department Site potential conflict with spike strip 	<ul style="list-style-type: none"> — Air compressors to service 6 cars: \$10,000 does not include site improvements 		<ul style="list-style-type: none"> — Select locations for stations — Install equipment — Publicize locations
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Appendix G: Maps



Four Wheel Drive Area North Beaches











