

1998

TOWN OF KILL DEVIL HILLS SHORELINE ACCESS PLAN UPDATE

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TOWN OF KILL DEVIL HILLS

SHORELINE ACCESS PLAN UPDATE

1998

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EXECUTIVE SUMMARY

Mission Statement: The Town of Kill Devil Hills supports and encourages efforts, programs, and initiatives to provide and maintain safe, convenient, environmentally compatible public facilities to accommodate resident and visitor passage to and from its shorelines.

The ocean and estuarine waters bordering Kill Devil Hills provide residents and visitors with a variety of recreational and commercial opportunities.

The provision of public access sites benefits diverse groups of people.

The Town can provide visitors with facilities such as parking, designated walkways, and litter receptacles. Visitors will have a more pleasant experience. The Town will minimize the impact of visitors on seaside and estuarine neighborhoods and ecosystems.

The Town adopted its first shoreline access plan in 1979. The plan was updated in 1992, and subsequently in 1998.

In the past several years, the Town has followed the guidelines set by the 1979 plan and 1992 update and developed and/or improved numerous public access facilities.

The Town has updated its shoreline access plan in order to address the present concerns and anticipated future needs of a growing community.

This update provides an inventory of shoreline access facilities in Kill Devil Hills and provides model standards for access development.

This update outlines a set of objectives for the provision of shoreline access facilities and suggests priorities for meeting these objectives.

Shoreline access planning was also discussed and included in the 1997 Land Use Plan Update. Surveyed respondents were asked to indicate their opinion about the expenditure of public funds to provide public shoreline access facilities. Support was given for use of public funds to develop and maintain shoreline access within Town.

Concerning the use of local funds to construct ocean beach accesses, 46.6% of survey respondents agreed or strongly agreed, while 23.9% disagreed or strongly disagreed, with this method of funding.

Concerning the use of local funds to construct soundside accesses, 44.9% agreed or strongly agreed, while 23.7% disagreed or strongly disagreed, with this method of funding. Similarly, 44.3% of respondents agreed or strongly agreed (as opposed to 23.8% who disagreed or strongly disagreed) that the Town should purchase/acquire soundside property for public access to the sound.

Many residents believe that more regulation of the use of certain beach accesses needs to be studied and that placement of beach access facilities needs to be studied, particularly with regard to placing them in the center of Town versus each end of Town.

A question concerning beach vending resulted in 79.0% disagreeing or strongly disagreeing that vendors should be allowed on the beach.

During the development of this update, several areas of issues and concerns were identified and categorized into five topic areas. These are:

- Management and Administration
- Maintenance
- Possible New Facilities and Improvements to Existing Facilities
- Site Acquisition
- Funding

Planning for shoreline access in Kill Devil Hills must take into account that the Town has two distinct shoreline environments--the ocean beach shoreline to the east and the estuarine (soundside) shoreline to the west.

Pedestrian walkways elevated above the dunes on pilings safeguard the dune and facilitate beach visitors' travel between their automobiles and the beach.

It is important to provide facilities for visitors' convenience such as parking areas, restrooms, showers, and litter barrels.

Kill Devil Hills provides lifeguard services at a number of access points and considers emergency vehicle access in ocean access design.

Recreation at the soundside shoreline typically involves nature watching, boating, fishing, windsurfing, and sailing. Facilities which support these activities include walkways, piers, benches, litter receptacles, parking, and small boat launches.

The North Carolina Department of Environment and Natural Resources, Division of Coastal Management, which oversees beach access programs at the State level, divides improved shoreline access sites into three categories. The Town utilizes these same categorizations. The three classifications for access points are local, neighborhood, and regional. The model standards for each of these are described as follows:

Local access sites - provide pedestrian access with few, if any, other facilities.

Neighborhood access sites - may include parking (5-25 cars) and other facilities.

Regional access sites - parking for 25-80 cars, restrooms, and other facilities.

Management and Administration

Policy:

The Town supports the enforcement of laws and regulations to keep its beach and soundside accesses convenient, clean, safe, orderly, and attractive.

Implementation Strategies:

The Town will rely on its Police Department and State regulatory agencies to police its access sites.

The Town will study regulations as necessary to foster convenient, clean, safe, orderly, and attractive access sites.

Maintenance

Policy:

The Town supports regular maintenance activities at shoreline access sites.

Implementation Strategies:

The Town will continue to allocate general fund monies from occupancy tax revenues for the maintenance of all sites to the appropriate standards for their respective designation.

The Town will seek North Carolina Coastal Estuarine and Beach Access Program grants and Dare County Tourist Bureau funds for upgrading and maintaining accessways.

The Town will use general fund maintenance allocations and grant contributions for sign placement, litter control, repairs to buildings, accessways, parking, and driveway areas.

The Town will implement maintenance/upkeep of beach accesses according to this Update.

The Town will rely on its Public Works and Buildings and Grounds departments for maintenance activities.

The Town will study the costs and benefits of a regular beach grooming and cleaning program.

The Town will encourage groups and businesses to adopt a beach and conduct regular clean-ups.

The Town will support beach nourishment projects.

Possible New Facilities and Improvements to Existing Facilities

Policy:

The Town supports the construction and/or addition of shoreline access facilities and/or improvements thereto when needed, cost beneficial, and determined by the Town to be in the best interests of the citizens of and visitors to the Town.

Implementation Strategies:

The Town will coordinate local policy with State policy on providing restroom facilities at accesses other than regional access sites.

The Town will consider the purchase or lease of property near beach accesses in order to provide convenient parking and access to the ocean beach.

The Town will support private sector initiatives to provide parking.

The Town will consider using the unimproved Eden Street right-of-way west of NC 12 for access parking.

The Town will consider using the 100' right-of-way on Raymond Street for parking.

The Town will consider the lease or purchase of property on the west side of NC 12 near the Lake Drive ocean access in order to create the space needed for a neighborhood access.

Site Acquisition

Policy:

The Town supports the acquisition of access sites for improvements and amenities when such acquisitions are determined to be needed, cost beneficial, and in the best interests of the citizens of and visitors to the Town.

Implementation Strategies:

The Town will consider acquiring unbuildable lots on Kitty Hawk Bay west of Bay Drive between West Hayman Boulevard and West Bickett Street in order to provide public access and natural areas along the shoreline.

The Town will continue efforts to increase ocean access parking capacity, particularly in northern and southern Kill Devil Hills.

Funding

Policy:

The Town supports the expenditure of public (State, Federal, and Town) funds and private funds for the construction, reconstruction, maintenance, and rehabilitation of its shoreline accesses.

Implementation Strategies:

The Town will continue to apply for North Carolina Coastal and Estuarine Access Program grants.

The Town will continue to pursue Dare County Tourist Bureau Restricted Fund grants for shoreline access development.

The Town will continue to allocate matching funds for grants.

The Town will continue to allocate general fund revenues to operate, upgrade, and maintain accesses.

The Town will pursue grants and consider capital outlays for land acquisitions.

The Town will pursue grants for upgrades and repairs to accesses.

The Town will encourage developments with impact on shoreline access use to contribute to the public beach access program in a manner which directly addresses the impact of the development.

The Town will analyze facility fee financing for shoreline access development.

The Town will encourage land donation for shoreline accesses.

The Town will investigate alternative sources of funding, including programs such as parking stickers and parking meters and the use of Powell Bill funds, for improvement and maintenance of accesses.

The Town will lobby the State to allocate funding for maintenance and rehabilitation of shoreline accesses.

Within four years, the Town will:

Improve Cameron/St. Louis Streets and Wallace/Helga Streets soundside accesses to local standards.

Develop Atlantic Street ocean access to neighborhood standards.

Investigate acquisition, donation, or lease of land to provide ocean access parking or for purposes of storm hazard mitigation.

Conduct a title search and establish ownership of the 10' ocean access easement at 1400 block of NC 12.

Improve Lake Drive ocean access to neighborhood standards.

Improve Third Street ocean access to neighborhood standards.

Improve West Arch Street to local soundside access standards.

Construct a wooden walkway at Oregon Avenue ocean access.

Improve Pinehurst Avenue ocean access to neighborhood standards.

Develop 100' and 90' right-of-ways in the commercial and high density zones for access parking in coordination with the development of major access corridors at Ocean Bay Boulevard and any other street suitable for corridor use in conjunction with the Wright Brothers 2003 Celebration.

Investigate possibility of coordinating a parking plan with the National Park Service for the property known as the "Window to the Sea" between the Wright Brothers Monument and the ocean in conjunction with the Wright Brothers 2003 Celebration.

The Town will continue it's efforts to increase ocean access and parking capacity, particularly in northern and southern Kill Devil Hills.

The Town will work with adjacent land-owning entities, both public and private, for the purpose of investigating soundside access opportunities south of Ocean Bay Boulevard.

Within eight years, the Town will:

Improve Aviation Avenue ocean access to neighborhood standards. (Phase I: Utilize the site as a bicycle/pedestrian access.)

The Town will consider acquiring unbuildable lots on Kitty Hawk Bay, west of Bay Drive between West Hayman Boulevard and West Bickett Street.

The Town of Kill Devil Hills, through its long history of access development projects, has developed model standards for improving access. These model standards provide general guidance only and are not intended to be construction drawings or denote what will be installed or used at each access owned by the Town.

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I. INTRODUCTION

A. Shoreline Access Planning

The ocean and estuarine waters bordering the Town of Kill Devil Hills provide residents and visitors with a variety of recreational and commercial opportunities. These waters are part of the reason people move to Kill Devil Hills. They attract thousands of seasonal visitors and are certainly the community's greatest natural resource.

The provision of public access sites benefits diverse groups of people. Access facilities provide convenient access to the public waters for residents and visitors who do not live or stay on the waterfront. Abundant shoreline access facilities will also attract visitors to the beach. When the Town can provide visitors with facilities such as parking, designated walkways, and litter receptacles, visitors have a more pleasant experience, and the Town will minimize the impacts of visitors on seaside and estuarine neighborhoods and ecosystems.

Recognizing the importance of shoreline access to the community, the Town adopted its first shoreline access plan in 1979. This plan outlined development goals and objectives for a number of the Town's access sites. The plan was updated in 1992, and subsequently in 1998.

In the past several years, the Town has followed the guidelines set by the 1979 plan and 1992 update and developed and/or improved numerous public access facilities. EXHIBIT 1 and EXHIBIT 2 which follow as pages I-2 through I-4, document the changes to soundside and ocean accesses since 1992. Growth of both permanent and visitor population continue to increase the demand for shoreline access facilities. At the same time, continued development of private shoreline properties has increased reliance on public access areas.

EXHIBIT 1

Changes to Soundside Accesses Since The 1992 Shoreline Access Plan

Cameron/St. Louis Streets

No Change

NCDOT Canal

No Change

Arch Street

No Change

The Landing (Private)

No Change

Wallace/Helga Streets

No Change

No Change

Wright Woods (Private)**Moor Shores Homeowners (Private)****Chowan Street**

No longer owned by Town

Ocean Bay Boulevard

No Change

Hayman Boulevard

No Change

(Grant approved through the
Division of Coastal Management to Build
a Gazebo and Install Picnic Tables,
Landscaping, Bike Rack, Litter Receptacles
and Signage)

Walker Street

No Change

Eden Street

No Change

Avalon Homeowners Sportsman Drive (Private)

Access

Avalon Drive

No Change

Dock Street

On N.C. Wildlife Portion Boardwalks Along Launching Area
Reconstructed,
Town Side No Change

Wright's Shores (Private)

Third Street

Handicapped Accessible Walkway
Gazebo
Fencing
Landscaping
Signage
Litter Receptacles

EXHIBIT 2

Changes to Ocean Accesses Since The
1992 Shoreline Access Plan

Arch Street

No Change
No Structural Improvements

Third Street

Closed to Vehicle Parking

Helga Street

No Change

Second Street

No Change

Sea Village Lane (Private)

Fence Replaced

First Street

Chowan Street

No Change
No Change

1400 Block Easement

Title Opinion Requested

Hayman Boulevard (between NC 12 and U.S. 158)

Paved and Striped Parking

Windsong Way

(Private)

Landscaping
Lighting
Sidewalks
Walkway
Litter Receptacles
Access

Asheville Drive

Handicapped Accessible

Rinse Shower

Emergency Vehicle

Walker Street

No Change
Paved and Striped Parking

Bike Rack

Lights

Eden Street

No Change
Litter Receptacles

Landscaping

Signage

Avalon Pier (Private)

Prospect Avenue

Avalon Beach Homeowners Association (Private)

Accessible Walkway

Handicapped

Rinse Shower

Fifth Street

No Change

Landscaping

Fourth Street

Handicapped Accessible Dune Crossover

Signage

Trash Receptacles

Bike Rack

Paved and Striped Parking

Fence

Signage

Litter Receptacles

EXHIBIT 2 (cont.)

Changes to Ocean Accesses Since The
1992 Shoreline Access Plan

Glenmere Avenue

No Change

Woodmere Avenue

No Change

Ferris Avenue

Handicapped Accessible Walkway

Rinse Shower

renovations through

Bike Rack

Lights

Paved and Striped Parking Spaces

Landscaping No Change

Fence

Signage

Litter Receptacles

Raleigh Avenue

No Change

Carlow Avenue

(Private)

Handicapped Accessible Walkway

Lighthouse Gazebo

Rinse Shower

Parking

Bike Rack

Lights

28 Paved and Striped Parking Spaces

Landscaping

Accessible Walkway

Fence

Signage

Litter Receptacles

Paved and Striped Parking Spaces

Sutton Avenue

No Change

Litter Receptacles

Pinehurst Avenue

No Change

Aviation Avenue

Carlton Avenue

No Change

Oregon Avenue

No Change

Clark Street

No Change

(Possible

grant 1998-99 FY)

Calvin Street

Martin Street

No Change

Atlantic Street

No Change

Ocean Acres Access

Lake Drive

Closed to Vehicle

No Structural Changes

Eighth Street

Handicapped

Emergency Vehicle Access

Rinse Shower

Bike Rack

Landscaping

Signage

No Change

Ocean Bay Boulevard

No Change

In 1998, the Town updated its shoreline access plan in order to address the present concerns and anticipated future needs of a growing community. This update addresses issues and changing priorities of recent years. Sixteen public and private access sites have been identified on the sound since 1979. Additional access points have been identified on the ocean as well. This plan incorporates these new sites and changes in demand for facilities such as parking since 1990.

This update provides an inventory of shoreline access facilities in Kill Devil Hills and provides model standards for access development. Based on an assessment of current needs and anticipated future demands for public access, this update outlines a set of objectives for the provision of shoreline access facilities, and suggests priorities for meeting these objectives.

The preparation of this document was financed in part through a grant provided by the North Carolina Coastal Management Program, through funds provided by the Coastal Zone Management Act of 1972, as amended, which is administered by the Office of Ocean and Coastal Resource Management, National Oceanic and Atmospheric Administration.

Shoreline access planning was also discussed and included in the 1997 Land Use Plan Update. Public input was solicited concerning shoreline access planning through a community survey and at public meetings. A synopsis of this input follows, as well as the policy and implementation strategy from the 1997 Land Use Plan. These policies have been further defined and expanded upon in this update.

Surveyed respondents were asked to indicate their opinion about the expenditure of public funds to provide public shoreline access facilities. Support was given for use of public funds to develop and maintain shoreline access within Town.

Concerning the use of local funds to construct ocean beach accesses, 46.6% of survey respondents agreed or strongly agreed, while 23.9% disagreed or strongly disagreed with this method of funding.

Concerning the use of local funds to construct soundside accesses, 44.9% agreed or strongly agreed, while 23.7% disagreed or strongly disagreed with this method of funding. Similarly, 44.3% of respondents agreed or strongly agreed (as opposed to 23.8% who disagreed or strongly disagreed) that the Town should purchase/acquire soundside property for public access to the sound.

Many residents believe that more regulation of the use of certain beach accesses needs to be studied and that construction of beach access facilities needs to be studied, particularly with regard to placing them in the center of Town versus each end of Town.

A question concerning beach vending resulted in 79.0% disagreeing or strongly disagreeing that vendors should be allowed on the beach. In the 1997 Land Use Plan Update, a policy and a strategy for its implementation were developed.

POLICY: The Town supports the provision of access to the shores for residents and visitors of Kill Devil Hills.

IMPLEMENTATION STRATEGY: The Town will continue to implement the Shoreline Access Plan and fund improvements through Town funds and grants when feasible.

B. Mission Statement

The Town of Kill Devil Hills supports and encourages efforts, programs, and initiatives to provide and maintain safe, convenient, environmentally compatible public facilities to accommodate resident and visitor passage to and from its shorelines.

C. Issues and Concerns

During the development of this update, several areas of issues and concerns were identified and categorized into five topic areas. These, along with specific observations, follow.

1. Management and Administration

- Provision of space and equipment for ocean (rough water) conditions warning signs.

- Provision of community bulletin boards and/or notice signs.

- Restriction of vehicle parking.

- Closure of accesses.

- Effectiveness of adopt-an-access program.

- Commercial fishermen conflicts - including dead fish in water and on the beach.

- Ban beach driving year-round because of safety concerns.

- Closure of accesses from midnight to sunrise. Create exceptions for businesses who provide a bond to keep accesses clean and free of litter and debris from their operations.

- Create a permitting procedure for placard, poster, and flyer distribution with a substantial bonding requirement to insure that litter will be policed.

- Create/enforce special events procedures requiring prior notification to and approval by the Town.

- Dogs are a problem on the beach - intensify enforcement.

- Problems with loitering or soliciting at accesses. Vagrants and drunks creating problems. Intensify enforcement efforts.

2. Maintenance

- Reconstruction of public accesses and public access facilities damaged by a natural disaster.

- Maintenance and reconstruction criteria schedule and funding.

- Beach grooming as an ongoing function.

- Enhance maintenance of access facilities.

3. Possible New Facilities and Improvements to Existing Facilities

- Locate vending machines at accesses.

- Designation of one-way streets between NC 12 and U.S. 158 and on-street parking.

Provision of water fountains at accesses.
Provision of portable restroom facilities at accesses.
Install sand stabilization material for vehicle access (matting and webbing) for ease of ingress and egress.
Where practicable, make dune crossovers meet handicapped needs.
Design a sign for all accesses which is uniform, clear, and easy to understand.
Widening of U.S. 158 - difficulties crossing highway.
Feasibility of installing benches at oceanfront accesses.
Concept of bicycle/pedestrian-only accesses.
Bridges spanning the Memorial Avenue drainage ditch to provide access to beach.

4. Site Acquisition

Fostering public-private partnerships for access construction and maintenance.

Land acquisition techniques (for accesses) and off-site parking
Options for taking over private accesses.
Condemn private accesses which are problem areas.
Feasibility of Town acquiring private accesses (Avalon Beach Homeowners Association East and West, Wright's Shores, the Landing, Wright Woods, Sea Village Lane, Windsong Way, Avalon Pier, Ocean Acres, and Moor Shores).

5. Funding

Encourage State funding for access maintenance.
Feasibility of fees for parking at beach accesses.
Private contributions for maintenance.

II. SHORELINE ACCESS DEVELOPMENT

A. Local Shoreline Environment

Planning for shoreline access in Kill Devil Hills must take into account that the Town has two distinct shoreline environments--the ocean beach shoreline to the east and the estuarine (soundside) shoreline to the west. Each shoreline supports different activities and requires site specific consideration of particular environmental conditions.

1. Ocean Beach Shoreline

A sand beach and dune system characterize the ocean shoreline. The primary environmental consideration at the ocean shore is the protection of the dunes which defend landward development from damage in heavy surf. Vegetation stabilizes the dune, so it is essential that ocean accesses are designed in a way which minimizes the impact of pedestrian and vehicular traffic on the dune vegetation. Pedestrian walkways elevated above the dunes on pilings safeguard the dune and facilitate beach visitors' travel between their automobiles and the beach.

The most popular recreational uses of the beach include swimming, sunbathing, surfing, and fishing. These activities require few

facilities other than the beach itself. However, it is important to provide facilities for visitors' convenience such as parking areas, restrooms, showers, and litter barrels. While these facilities serve to protect the beach from the impact of visitors, another important consideration is protecting the visitors from potentially hazardous conditions. To this end, Kill Devil Hills provides lifeguard services at a number of access points and considers emergency vehicle access in ocean access design. The Town is committed to providing lifeguard services in areas of high swimming activity, giving careful attention to lifeguard stand placement and the presence of mobile lifeguards in an attempt to provide coverage from stand to stand.

2. Estuarine Shoreline

The estuarine shoreline consists of shallow water, sandy beaches, and marsh. The sound's particular mix of salt and fresh water supports a delicate ecosystem. Development at the sound shoreline should avoid excessive disturbance of the marsh. Recreation at the sound shoreline typically involves nature watching, boating, fishing, windsurfing, and sailing. Facilities which support these activities include walkways, piers, benches, litter receptacles, parking, and small boat launches. Careful initial construction will minimize the impact of shoreline access facilities along the sound. The provision of access facilities as needed will minimize impact from users.

B. Shoreline Access Categories

The North Carolina Department of Environment and Natural Resources, Division of Coastal Management, which oversees beach access programs at the State level, divides improved shoreline access sites into three categories. For the sake of consistency, the Town utilizes these same categorizations. The three classifications for access points are local, neighborhood, and regional. The model standards for each of these are described as follows:

Local access sites - provide pedestrian access with few, if any, other facilities.

Neighborhood access sites - may include parking (5-25 cars) and other facilities.

Regional access sites - parking for 25-80 cars, restrooms, and other facilities.

1. Local Access

The purpose of local access sites is to provide a way to the ocean or sound for people who reside within walking distance of the water. Preferably, local access points should be located no more than one - quarter mile apart, unless regional and neighborhood accesses are available. At a minimum, local access points shall include:

walkway or maintained path from the road to the beach or soundside shore

CAMA identification sign and a sign stating applicable Town rules or restrictions

litter receptacle

2. Neighborhood Access

Neighborhood accesses are designed for people who choose to drive to the shoreline. These access points are ideally located approximately every one-half mile along the shoreline. Neighborhood access points include:

- parking for at least 10 vehicles
- wooden walkway from the parking area to the beach or soundside shore
- observation deck (where practical) at the top of the primary dune or at the soundside shoreline
- bicycle parking rack
- CAMA identification sign and a sign stating applicable Town rules or restrictions
- litter receptacles
- emergency vehicle access, if appropriate
- lighting as appropriate

3. Regional Access

Regional access points provide more facilities for visitors than local or neighborhood accesses. Regional access facilities should be accessible to the handicapped. Regional access sites have:

- parking for a minimum of 24 vehicles
- restroom and bathhouse facilities
- wooden walkways from the parking area to the beach or soundside shore
- observation deck (where practical) at the top of the primary dune or end of pier
- bicycle parking rack
- CAMA identification sign and a sign stating applicable Town rules or restrictions
- litter receptacles
- emergency vehicle access where appropriate
- lighting as appropriate

III. EXISTING ACCESS AREAS

Presently, the Town of Kill Devil Hills has 42 public access sites, 11 on the sound and 31 on the ocean. See EXHIBIT 3, page III-57. An additional 10 private access sites, five on the sound and five on the ocean, designated for use by residents of specific subdivisions, are located within the Town.

For each Town-owned access a brief description is given listing existing improvements and possible improvements to the site. Possible improvements are based on factors such as the size of the site, the environment, and surrounding land uses. For each private access a brief description is given.

A. Soundside Accesses (From North to South)

1. Cameron/St. Louis Streets
 2. Arch Street
 3. Wallace/Helga Streets
 4. Moor Shores Homeowners
 5. Hayman Boulevard
 6. Walker Street
 7. Eden Street
 8. Avalon Homeowners Sportsman Drive
 9. Avalon Drive
 10. Dock Street
 11. Wright's Shores
 12. Third Street
 13. NC DOT Canal
 14. The Landing
 15. Wright Woods
 16. Ocean Bay Boulevard
- 1. Cameron/St. Louis Streets Soundside Access**

This local access encompasses a 10' wide undeveloped right-of-way providing pedestrian access to the sound. The access is located between Cameron Street and St. Louis Street on Bay Drive. It is owned and maintained by the Town of Kill Devil Hills. Surrounding land use is residential. Currently there are no existing improvements to this access site.

Possible improvements include:

- wooden walkway (handicapped accessible where practicable)
- litter receptacle

CAMA identification sign and a sign stating applicable Town rules or restrictions

2. Arch Street Soundside Access

This local access encompasses a 50' wide right-of-way providing pedestrian access to the sound. The access is located at West Arch Street and Bay Drive. It is owned and maintained by the Town of Kill Devil Hills. Surrounding land use is residential. Currently there are no existing improvements to this access site.

Possible improvements include:

- picnic table
- wooden walkway (handicapped accessible where practicable)
- gazebo
- fencing
- litter receptacle

CAMA identification sign and a sign stating applicable Town rules or restrictions

3. Wallace/Helga Streets Soundside Access

This local access encompasses a 10' wide right-of-way providing pedestrian access to the sound. The access is located between Wallace Street and Helga Street on Bay Drive. It is owned and maintained by the Town of Kill Devil Hills. Surrounding land use is residential. Currently there are no existing improvements to this access site.

Possible improvements include:

- wooden walkway (handicapped accessible where practicable)
- litter receptacle

CAMA identification sign and a sign stating applicable Town rules or restrictions

4. Moor Shores Homeowners Soundside Access

This private access, encompassing a 50' x 150' site, is owned and maintained by the Moor Shores Homeowners Association. Use is limited to residents of the 143-lot Moor Shores Subdivision.

If acquired by the Town, possible improvements include:

- acquire land and transfer ownership to Town
- 10 designated parking spaces
 - wooden walkway (handicapped accessible where practicable)
 - observation deck

- bicycle parking rack
- fencing

CAMA identification sign and a sign stating applicable Town rules or restrictions

- litter receptacle

5. Hayman Boulevard Soundside Access

This local access encompasses a 100' wide right-of-way providing pedestrian access to the sound. Land has also been acquired adjacent to this access south of the pier encompassing a total of four lots with a 100' wide right-of-way (total 200' width along Kitty Hawk Bay). The access is located at West Hayman Boulevard and Bay Drive. It is owned and maintained by the Town of Kill Devil Hills. Surrounding land use is residential. Existing improvements include:

- 200' pier with observation platform
- litter receptacle
- unmarked parking for several cars

Possible improvements for this access include:

- gazebo

picnic table
benches
bicycle parking rack
landscaping

CAMA identification sign and a sign stating applicable Town rules or restrictions

6. Walker Street Soundside Access

This local access encompasses a 60' wide undeveloped right-of-way. The access is located at West Walker Street and Bay Drive. It is owned by the Town of Kill Devil Hills. Surrounding land use is residential. Currently there are no existing improvements to this access site.

Possible improvements include:

wooden walkway (handicapped accessible where practicable)
litter receptacle

CAMA identification sign and a sign stating applicable Town rules or restrictions

7. Eden Street Soundside Access

This local access encompasses a 60' wide undeveloped right-of-way. The access is located at West Eden Street and Bay Drive. It is owned by the Town of Kill Devil Hills. Surrounding land use is residential. Currently there are no existing improvements to this access site.

Possible improvements include:

wooden walkway (handicapped accessible where practicable)
litter receptacle

CAMA identification sign and a sign stating applicable Town rules or restrictions

8. Avalon Homeowners Sportsman Drive Soundside Access

This private access is located at Sportsman Drive and Bay Drive. It is owned by the Avalon Homeowners Association.

Possible improvements include:

none at this time

9. Avalon Drive Soundside Access

The Town of Kill Devil Hills will attempt to acquire this land and upgrade to neighborhood access standards consisting of the following:

- wooden walkway (handicapped accessible where practicable)
- gazebo
- fencing
- benches
- bicycle parking rack
- litter receptacle
- landscaping

CAMA identification sign and a sign stating applicable Town rules or restrictions

10. Dock Street Soundside Access

This neighborhood access encompasses a 50' long x 250' wide right-of-way. The access is located at Dock Street and Bay Drive. It is owned by the Town of Kill Devil Hills. Surrounding land use is residential. The North Carolina Wildlife Resource Commission owns and maintains a boat launching facility for shallow draft vessels south of Dock Street. The Town's lot is used primarily for boat trailer and vehicle parking, while the North Carolina Wildlife Resource Commission's lot has a gravel driveway, parking area, and boat ramp. Existing improvements include:

- gravel parking area
- boat launch

Possible improvements include:

- bicycle parking rack
- litter receptacle

(10. Dock Street Soundside Access continued)

11. Wright's Shores Soundside Access

A private access for Wright's Shores residents, this access serves the 178 lots of the Wright's Shores subdivision. The Wright's Shores Homeowners Association owns and maintains this access.

If acquired by the Town, possible improvements include:

acquire land and transfer ownership to Town
10 designated parking spaces
 wooden walkway (handicapped accessible where practicable)
 observation deck
 fencing
bicycle parking rack
 CAMA identification sign and a sign stating applicable Town
rules or restrictions
litter receptacle

12. Third Street Soundside Access

This public access encompasses a 50' wide right-of-way providing pedestrian access to the sound. It is owned and maintained by the Town of Kill Devil Hills. The access was developed in 1998. A site plan is available in the Town Hall. Surrounding area is residential. Existing improvements for this access include:

 wooden walkway (handicapped accessible)
 gazebo
 fencing
 benches
 bicycle parking rack
 litter receptacle
 landscaping

 CAMA identification sign and a sign stating applicable Town rules or restrictions

Possible improvements include:

 none at this time

13. NCDOT Canal Soundside Access

This public access provides pedestrian access to the NCDOT canal. A crossing at First Street provides the only public access to this canal which flows through a residential neighborhood. Surrounding land use is residential. This access will continue to be utilized as a local access.

Possible improvements include:

 none at this time

14. The Landing Soundside Access

This private access for residents of The Landing subdivision is located off Captains Circle. It consists of a small boat ramp and unpaved driveway.

Possible improvements include:

none at this time

15. Wright Woods Soundside Access

This private access for residents of Wright Woods subdivision consists of a wooden walkway extending to a covered platform at the Kitty Hawk Bay shoreline. Presently, there is fire damage to the existing wooden walkway. The Town of Kill Devil Hills may consider the possibility of acquiring this access and repairing the facility to include:

wooden walkway (handicapped accessible where practicable)
litter receptacle
gazebo
CAMA identification sign

16. Ocean Bay Boulevard Soundside Access

This local access provides a dedicated easement for this 100' wide right-of-way. Currently this access cannot be easily reached from Town land, and would primarily serve residents of Baum Bay, a subdivision in Dare County. When Ocean Bay Boulevard becomes a through street in this area, the Town should work with Dare County or require proposed land development to include development of this site as a neighborhood access. Surrounding land use is residential.

Possible improvements include:

none at this time

B. Ocean Access Points (listed from North to South)

1. Arch Street
2. Helga Street
3. Sea Village Lane
4. Chowan Street
5. Hayman Boulevard
6. Walker Street
7. Eden Street
8. Avalon Pier
9. Avalon Beach Homeowners Association
10. Fifth Street
11. Fourth Street
12. Third Street
13. Second Street
14. First Street
15. 1400 Block Easement
16. Windsong Way
17. Asheville Drive
18. Prospect Avenue
19. Glenmere Avenue

20. Woodmere Avenue
21. Ferris Avenue
22. Raleigh Avenue
23. Carlow Avenue
24. Sutton Avenue
25. Pinehurst Avenue
26. Aviation Avenue
27. Ocean Bay Boulevard
28. Carlton Avenue
29. Oregon Avenue
30. Clark Street
31. Calvin Street
32. Martin Street
33. Atlantic Street
34. Ocean Acres
35. Lake Drive
36. Eighth Street

1. Arch Street Ocean Access

This local access encompasses a 50' wide right-of-way providing pedestrian and off-road and emergency vehicle access to the beach. The access is located at Arch Street and N. Virginia Dare Trail. It is owned and maintained by the Town of Kill Devil Hills. Surrounding land use is residential. Existing improvements include:

CAMA identification sign and a sign stating applicable Town rules or restrictions

Possible improvements include:

litter receptacle
sand stabilization material for vehicle access
(matting/webbing)

2. Helga Street Ocean Access

This local access encompasses a 50' wide right-of-way providing a pathway through the dune and off-road and emergency vehicle access to the beach. The access is located at Helga Street and N. Virginia Dare Trail. It is owned and maintained by the Town of Kill Devil Hills. Surrounding land use is residential. Existing improvements include:

CAMA identification sign and a sign stating applicable Town rules or restrictions

sidewalk from U.S. 158 to NC 12
litter receptacle
four unmarked parking spaces

Possible improvements include:

sand stabilization material for vehicle access (matting/webbing)

3. Sea Village Lane Ocean Access

This private access encompasses a 20' wide right-of-way which consists entirely of the primary dune.

Possible improvements include:

none at this time

4. Chowan Street Ocean Access

This local access encompasses a 50' wide right-of-way providing pedestrian and off-road and emergency vehicle access to the beach. The access is located at Chowan Street and N. Virginia Dare Trail. It is owned and maintained by the Town of Kill Devil Hills. Surrounding land use is residential. Existing improvements include:

CAMA identification sign and a sign stating applicable Town rules or restrictions

Possible improvements include:

litter receptacle
sand stabilization material for vehicle access
(matting/webbing)
off-road vehicle parking

5. Hayman Boulevard Ocean Access

This local access encompasses a 100' wide right-of-way providing pedestrian and off-road and emergency vehicle access to the beach. The access is located at Hayman Boulevard and N. Virginia Dare Trail. It is owned and maintained by the Town of Kill Devil Hills. A site plan is available at the Town Hall. Surrounding land use is residential. Existing improvements include:

CAMA identification sign and a sign stating applicable Town rules or restrictions

parking (west of NC 12)
sidewalk from Raymond Avenue to NC 12
lighting
litter receptacle
landscaping
handicapped accessible

Possible improvements include:

- shower
- bicycle parking rack
- sand stabilization material for vehicle access
(matting/webbing)
- gazebo

6. Walker Street Ocean Access

This local access encompasses a 60' wide right-of-way providing local pedestrian and emergency vehicle access to the beach. The access is located at Walker Street and N. Virginia Dare Trail. It is owned and maintained by the Town of Kill Devil Hills. Surrounding land use is residential. Existing improvements include:

CAMA identification sign and a sign stating applicable Town rules or restrictions

Possible improvements include:

- litter receptacles
- wooden walkway
- sand stabilization material for vehicle access
(matting/webbing)

7. Eden Street Ocean Access

This local access encompasses a 60' wide right-of-way providing pedestrian access to the beach. The access is located at Eden Street and N. Virginia Dare Trail. It is owned and maintained by the Town of Kill Devil Hills. Surrounding land use is residential. Existing improvements include:

CAMA identification sign and a sign stating applicable Town rules or restrictions

Possible improvements include:

- wooden walkway
- litter receptacle

8. Avalon Pier Ocean Access

This private access encompasses a 300' wide right-of-way for patrons of the Avalon Fishing Pier. It is located at Avalon Drive and N. Virginia Dare Trail. It is owned and maintained by the Avalon

Pier. Surrounding land use is residential and private access.
Existing improvements include:

- pier
- 80 designated parking spaces
- restrooms
- wooden walkway
- handicapped accessible
- litter receptacles/dumpster
- telephone

9. Avalon Beach Homeowners Association Ocean Access

This private access encompasses a 100' wide right-of-way for members of the Avalon Beach Homeowners Association. It is located south of Avalon Fishing Pier on N. Virginia Dare Trail. It is owned and maintained by the Avalon Beach Homeowners Association. This access is not handicapped accessible. Surrounding land use is commercial. Existing improvements include:

- soil parking lot
- fencing
- litter receptacle
- telephone
- steps to the beach

10. Fifth Street Ocean Access

This local access encompasses a 30' wide right-of-way providing pedestrian and off-road and emergency vehicle access to the beach. The access is located at Fifth Street and N. Virginia Dare Trail. It is owned and maintained by the Town of Kill Devil Hills. Surrounding land use is residential. Existing improvements include:

- CAMA identification sign and a sign stating applicable Town rules or restrictions
- gravel parking
- litter receptacle
- fencing

Possible improvements include:

- paved parking
- shower
- landscaping
- temporary restroom facilities
- sand stabilization material for vehicle access (matting/webbing)
- possible land acquisition west of NC 12 for paved parking

11. Fourth Street Ocean Access

This local access encompasses a 30' wide right-of-way providing pedestrian access to the beach. The access is located at Fourth Street and N. Virginia Dare Trail. It is owned and maintained by the Town of Kill Devil Hills. A site plan is available at the Town Hall. This access was developed by Kmart in 1992. Surrounding land use is residential. Existing improvements include:

CAMA identification sign and a sign stating applicable Town rules or restrictions

- fencing
- litter receptacle (near beach)
- wooden walkway (handicapped accessible)

Possible improvements include:

- litter receptacle (near road)

12. Third Street Ocean Access

This neighborhood access encompasses a 30' wide right-of-way providing pedestrian and emergency vehicle access to the beach. The access is located at E. Third Street and N. Virginia Dare Trail. It is owned and maintained by the Town of Kill Devil Hills. A site plan is available at the Town Hall. Surrounding land use is commercial. Existing improvements include:

CAMA identification sign and a sign stating applicable Town rules or restrictions

- telephone
- litter receptacle
- parking (currently closed)

Possible improvements include:

- reopen and pave parking
- shower
- bicycle parking rack
- temporary restroom facilities
- landscaping
- sand stabilization material for vehicle access (matting/webbing)

13. Second Street Ocean Access

This neighborhood access encompasses a 30' wide right-of-way providing pedestrian and emergency vehicle access to the beach. The access is located at Second Street and N. Virginia Dare Trail. It is owned and maintained by the Town of Kill Devil Hills. Surrounding land use is multi-family. Existing improvements include:

CAMA identification sign and a sign stating applicable Town rules or restrictions

- litter receptacle
- 24 designated parking spaces
- wooden walkway
- fencing

Possible improvements include:

- sand stabilization material for vehicle access (matting/webbing)
- shower
- bicycle parking rack
- temporary restroom facilities
- observation platform
- replace wooden walkway

14. First Street Ocean Access

This neighborhood access encompasses a 30' wide right-of-way providing pedestrian and emergency vehicle access to the beach. The access is located at First Street and N. Virginia Dare Trail. It is owned and maintained by the Town of Kill Devil Hills. A site plan is available at the Town Hall. Surrounding land use is multi-family. A link to the access is provided by a sidewalk/bicycle path from US 158 to NC 12. Existing improvements include:

CAMA identification sign and a sign stating applicable Town rules or restrictions

- wooden walkway
- observation area
- fencing (heavy duty design)
- litter receptacle
- 36 designated parking spaces

Possible improvements include:

- sand stabilization material for vehicle access (matting/webbing)
- shower
- bicycle parking rack
- temporary restroom facilities
- landscaping

15. 1400 Block Easement Ocean Access

This local access encompasses a 10' wide right-of-way providing pedestrians access to the beach. Ownership of this access is in question but should be resolved within the planning period. The access is located on N. Virginia Dare Trail north of condominiums at 1401 and 1403 Virginia Dare Trail. Surrounding land use is residential and multi-family. Currently, there are no existing improvements at this access.

Possible improvements include:

CAMA identification sign and a sign stating applicable Town rules or restrictions

litter receptacle
bicycle parking rack

16. Windsong Way Ocean Access

This private access encompasses a 10' wide walkway between two residential structures. This access is for the residents of the Kitty Dunes IV subdivision.

Possible improvements include:

none at this time

17. Asheville Drive Ocean Access

This neighborhood access encompasses a 60' wide right-of-way providing pedestrian and emergency vehicle access to the beach. The access is located at Asheville Drive and N. Virginia Dare Trail. It is owned and maintained by the Town of Kill Devil Hills. It was developed and dedicated to the memory of former Board of Commissioners member Lacey McNeil in 1994. A site plan is available at the Town Hall. Surrounding land use is residential. Existing improvements include:

CAMA identification sign and a sign stating applicable Town rules or restrictions

wooden walkway (handicapped accessible)

shower

fencing

litter receptacle

landscaping

lighting

bicycle parking rack

36 parking spaces, two of which are reserved for the handicapped

Possible improvements include:

temporary restroom facilities

sand stabilization material for vehicle access
(matting/webbing)

18. Prospect Avenue Ocean Access

This local access encompasses a 60' wide right-of-way providing pedestrian access to the beach. The access is located at Prospect Avenue and N. Virginia Dare Trail. It is owned and maintained by the Town of Kill Devil Hills. It was developed in 1996. A site plan is available at the Town Hall. Surrounding land use is residential and multi-family. Existing improvements include:

CAMA identification sign and a sign stating applicable Town rules or restrictions

- shower
- bicycle parking rack
- shower
- landscaping
- litter receptacle
- lighting
- 28 parking spaces
- wooden walkway (handicapped accessible)

Possible improvements include:

- temporary restroom facilities
- parking lot located on corner of NC 12 at Prospect Avenue

19. Glenmere Avenue Ocean Access

This local access encompasses a 60' wide right-of-way providing pedestrian access to the beach. The access is located at Glenmere Avenue and N. Virginia Dare Trail. It is owned and maintained by the Town of Kill Devil Hills. Surrounding land use is residential. Existing improvements include:

- CAMA identification sign and a sign stating applicable Town rules or restrictions
- approximately three parking spaces

In an initial phase, the Town will consider upgrading this site to a pedestrian/bicycle access. Possible improvements include:

- shower
- bicycle parking rack
- temporary restroom facilities
- wooden walkway (handicapped accessible where practicable)
- litter receptacle
- gazebo
- fencing
- landscaping
- lighting

20. Woodmere Avenue Ocean Access

This neighborhood access encompasses a 60' wide right-of-way providing pedestrian access to the beach. The access is located at Woodmere Avenue and N. Virginia Dare Trail. It is owned and maintained by the Town of Kill Devil Hills. It was developed in 1995. A site plan is available at the Town Hall. Surrounding land use is residential. A link to the access or provided by a 5' wide concrete walk from NC 12 to Memorial Boulevard. Existing improvements include:

- CAMA identification sign and a sign stating applicable Town rules or restrictions
- dune crossover
- wooden walkway
- shower

landscaping
lighting
fencing
litter receptacle
bicycle parking rack
60 parking spaces, two of which are reserved for the handicapped

Possible improvements include:

temporary restroom facilities

21. Ferris Avenue Ocean Access

This neighborhood access encompasses a 60' wide right-of-way providing pedestrian access to the beach. The access is located at Ferris Avenue and N. Virginia Dare Trail. It is owned and maintained by the Town of Kill Devil Hills. It was developed in 1994. A site plan is available at the Town Hall. Surrounding land use is residential and commercial. Existing improvements include:

CAMA identification sign and a sign stating applicable Town rules or restrictions

wooden walkway (handicapped accessible)
shower
fencing
litter receptacle
landscaping
lighting
bicycle parking rack
40 parking spaces (east of NC 12), two of which are reserved for the handicapped
15 parking spaces along Ferris Avenue from NC 12 to Memorial Boulevard

Possible improvements include:

temporary restroom facilities

22. Raleigh Avenue Ocean Access

This local access encompasses a 60' wide right-of-way providing pedestrian and emergency vehicle access to the beach. The access is located at Raleigh Avenue and N. Virginia Dare Trail. It is owned and maintained by the Town of Kill Devil Hills. Surrounding land use is residential and unimproved land. Existing improvements include:

CAMA identification sign and a sign stating applicable Town rules or restrictions

litter receptacle
four parking spaces

The Town will consider upgrading this site to a bicycle/pedestrian only access. Possible improvements include:

temporary restroom facilities
wooden walkway (handicapped accessible where practicable)
shower

- fencing
- gazebo
- landscaping
- lighting
- bicycle parking rack
- sand stabilization material for vehicle access (matting/webbing)

23. Carlow Avenue Ocean Access

This neighborhood access encompasses a 60' wide right-of-way providing pedestrian access to the beach. The access is located at Carlow Avenue and N. Virginia Dare Trail. It is owned and maintained by the Town of Kill Devil Hills. This access was developed in 1997 by the Town of Kill Devil Hills. A site plan is available in the Town Hall. Surrounding land use is residential and commercial. A link to the access is provided by a sidewalk from Memorial Boulevard to NC 12. Existing improvements include:

- CAMA identification sign and a sign stating applicable Town rules or restrictions

- gazebo
- wooden walkway (handicapped accessible)
- shower
- fencing
- landscaping
- lighting
- bicycle parking rack
- 28 designated parking spaces

Possible improvements include:

- temporary restroom facilities

24. Sutton Avenue Ocean Access

This neighborhood access encompasses a 60' wide right-of-way providing pedestrian access to the beach. The access is located at Sutton Avenue and N. Virginia Dare Trail. It is owned and maintained by the Town of Kill Devil Hills. This access was developed in 1989 by Comfort Inn. A site plan for this access is available in the Town Hall. Surrounding land use is commercial and multi-family. Nine parking spaces are provided to the west of this access on Sutton Avenue between NC 12 and Memorial Boulevard. Existing improvements include:

- CAMA identification sign and a sign stating applicable Town rules or restrictions

- wooden walkway (handicapped accessible)
- litter receptacle
- 44 parking spaces (east of NC 12), two of which are reserved for the handicapped

Possible improvements include:

- temporary restroom facilities

landscaping

25. Pinehurst Avenue Ocean Access

This neighborhood access encompasses a 60' wide right-of-way providing pedestrian and emergency vehicle access to the beach. The access is located at Pinehurst Avenue and N. Virginia Dare Trail. It is owned and maintained by the Town of Kill Devil Hills. This access was developed in 1989 by Comfort Inn. Surrounding land use is residential and commercial. Existing improvements include:

CAMA identification sign and a sign stating applicable Town rules or restrictions

litter receptacle

approximately 30 parking spaces (gravel)

Possible improvements include:

sand stabilization material for vehicle access (matting/webbing)

wooden walkway (handicapped accessible where practicable)

shower

fencing

gazebo

landscaping

lighting

bicycle parking rack

temporary restroom facilities

paved parking area

sidewalk from Memorial Boulevard to NC 12

26. Aviation Avenue Ocean Access

This local access encompasses a 60' wide right-of-way providing pedestrian access to the beach. The access is located at Aviation Avenue and N. Virginia Dare Trail. It is owned and maintained by the Town of Kill Devil Hills. Surrounding land use is commercial. Existing improvements include:

CAMA identification sign and a sign stating applicable Town rules or restrictions

three unmarked parking spaces (non-designated)

In an initial phase, the Town will consider upgrading this site to a bicycle/pedestrian access. Possible improvements include:

wooden walkway (handicapped accessible where practicable)

shower

fencing

gazebo

landscaping

lighting

bicycle parking rack

temporary restroom facilities

litter receptacle

27. Ocean Bay Boulevard Ocean Access

This regional access encompasses a 100' wide right-of-way providing pedestrian and emergency vehicle access to the beach. This regional access site is 100% handicapped accessible as special mats can be placed on the beach to provide access to the edge of the water. The access is located at Ocean Bay Boulevard and N. Virginia Dare Trail. It is owned and maintained by the Town of Kill Devil Hills. This access was developed in 1983 by the Town of Kill Devil Hills. A site plan is available at the Town Hall. Surrounding land use is commercial. A link to the access is provided by a bike trail which extends to the First Flight Schools and residential areas to the west. Existing improvements include:

- CAMA identification sign and a sign stating applicable Town rules or restrictions
- litter receptacle
- 28 parking spaces, two of which are reserved for handicapped
- bathhouse
- wooden walkway (handicapped accessible)
- fencing
- flag pole
- landscaping
- lighting
- bicycle parking rack

(27. Ocean Bay Boulevard Ocean Access continued)

Existing improvements (continued):

- recycling containers
- additional parking located along Memorial Boulevard

Possible improvements include:

- negotiate trade (Aviation Avenue) or acquire additional land on oceanfront from Days Inn for additional parking
- remodel bathhouse
- acquire space for additional parking

28. Carlton Avenue Ocean Access

This neighborhood access encompasses a 50' wide right-of-way providing pedestrian and off-road and emergency vehicle access to the beach. The access is located at Carlton Avenue and N. Virginia Dare Trail. It is owned and maintained by the Town of Kill Devil Hills. This access was developed in 1984 by Best Western Ocean Reef. A site plan is available in the Town Hall. Surrounding land use is residential and commercial. Existing improvements include:

- CAMA identification sign and a sign stating applicable Town rules or restrictions

wooden walkway
eight parking spaces

Possible improvements include:

litter receptacle
bicycle parking rack
wooden walkway (handicapped accessible where applicable) -
possible public/private venture with motel
sand stabilization material for vehicle access
(matting/webbing)

29. Oregon Avenue Ocean Access

This neighborhood access encompasses a 50' wide right-of-way providing pedestrian and emergency vehicle access to the beach. The access is located at Oregon Avenue and N. Virginia Dare Trail. The Town also owns a parcel of land, consisting mostly of dunes between Oregon and Carlton Avenues. It is owned and maintained by the Town of Kill Devil Hills. A site plan is available in the Town Hall. This access was developed in 1989 by Dare County. Surrounding land use is residential. Existing improvements include:

CAMA identification sign and a sign stating applicable Town rules or restrictions

litter receptacle
bicycle parking rack
fencing
10 parking spaces

Possible improvements include:

sand stabilization material for vehicle access (matting/webbing)
shower
wooden walkway (handicapped accessible where practicable)
paved parking spaces
landscaping
temporary restroom facilities

30. Clark Street Ocean Access

This neighborhood access encompasses a 50' wide right-of-way providing pedestrian and emergency vehicle access to the beach. The access is located at Clark Street and S. Virginia Dare Trail. It is owned and maintained by the Town of Kill Devil Hills. A site plan is available in the Town Hall. This access was developed in 1987 by the Town of Hill Devil Hills. Surrounding land use is residential. The Town has applied for a grant to remodel the access. Existing improvements include:

CAMA identification sign and a sign stating applicable Town rules or restrictions

litter receptacle
wooden walkway
fencing

14 designated parking spaces

Possible improvements include:

replace wooden walkway
sand stabilization material for vehicle access (matting/webbing)
bicycle parking rack
lighting
landscaping
parking improvements

31. Calvin Street Ocean Access

This local access encompasses a 50' wide right-of-way providing pedestrian access to the beach. The access is located at Calvin Street and S. Virginia Dare Trail. It is owned and maintained by the Town of Kill Devil Hills. This access was developed by Peppertree Resorts. Surrounding land use is multi-family (condominiums). Existing improvements include:

CAMA identification sign and a sign stating applicable Town rules or restrictions
wooden walkway
10 parking spaces

Possible improvements include:

relocate dumpster
replace wooden walkway (possible public/private venture with a multi-family development)

32. Martin Street Ocean Access

This neighborhood access encompasses a 50' wide right-of-way providing pedestrian access to the beach. The access is located at Martin Street and S. Virginia Dare Trail. It is owned and maintained by the Town of Kill Devil Hills. A site plan is available in the Town Hall. This access was developed in 1990 by Sun Dune Apartments. Surrounding land use is residential and multi-family (condominiums). Existing improvements include:

CAMA identification sign and a sign stating applicable Town rules or restrictions
litter receptacle
bicycle parking rack
fencing
wooden walkway
23 designated parking spaces
additional parking west of NC 12 on Wrightsville Boulevard

Possible improvements include:

- shower
- landscaping
 - temporary restroom facilities
 - replace wooden walkway

33. Atlantic Street Ocean Access

This neighborhood access encompasses a 40' wide right-of-way providing pedestrian and emergency vehicle access to the beach. The access is located at Atlantic Street and S. Virginia Dare Trail. It is owned and maintained by the Town of Kill Devil Hills. A site plan is available in the Town Hall. Surrounding land use is residential. Existing improvements include:

- CAMA identification sign and a sign stating applicable Town rules or restrictions
- litter receptacle
- wooden walkway
- perimeter timbers
- 21 designated parking spaces

Possible improvements include:

- remove timbers - add fencing
- bicycle parking rack
- landscaping
- lighting
 - temporary restroom facilities
 - sand stabilization material for vehicle access (matting/webbing)
 - replace wooden walkway

34. Ocean Acres Ocean Access

This private access is located immediately south of the Ramada Inn and provides access for Ocean Acres Subdivision residents. Paved parking spaces are available on private property along Carolyn Drive west of NC 12 from the dune crossover.

Possible improvements include:

- none at this time

35. Lake Drive Ocean Access

This local access encompasses a 30' wide right-of-way providing pedestrian and emergency vehicle access to the beach. The access is located at Lake Drive and S. Virginia Dare Trail. It is owned and maintained by the Town of Kill Devil Hills. Surrounding land use is residential and a motel. Existing improvements include:

- CAMA identification sign and a sign stating applicable Town rules or restrictions
- litter receptacle

parking (currently closed)

Possible improvements include:

- sand stabilization material for vehicle access (matting/webbing)
- shower
- bicycle parking rack
- landscaping
- lighting
 - temporary restroom facilities
 - reopen and pave parking area

Planning for the development of this site must be coordinated with the North Carolina Department of Transportation, taking into account the existing culvert pipe for a stormwater outfall at this site.

36. Eighth Street Ocean Access

This neighborhood access encompasses a 50' wide right-of-way providing pedestrian and emergency vehicle access to the beach. The access is located at Eighth Street and S. Virginia Dare Trail. It is owned and maintained by the Towns of Kill Devil Hills and Nags Head. A site plan is available in the Town Hall. This access was developed in 1993 by the Towns of Kill Devil Hills and Nags Head. Surrounding land use is residential. Existing improvements include:

- CAMA identification sign and a sign stating applicable Town rules or restrictions
- litter receptacle
- bicycle parking rack
- landscaping
- wooden walkway (handicapped accessible)
- fencing
- shower
- 18 designated and one handicapped parking spaces

Possible improvements include:

- sand stabilization material for vehicle access (matting/webbing)
- temporary restroom facilities
- gazebo

EXHIBIT 3

IV. BACKGROUND, POLICIES, AND IMPLEMENTATION STRATEGIES

A. Introduction

Background, policies, and implementation strategies for the Town's shoreline access program emerge from analysis of the existing sites and consideration of present and future shoreline access needs. A proposed schedule for meeting some of the needs identified is presented in Chapter V.

B. Management and Administration

1. Background

Many of the issues and concerns noted and listed in Chapter I are related to activities on the ocean beach and are under the jurisdiction of law enforcement agencies.

2. Policy

The Town supports the enforcement of laws and regulations to keep its beach and soundside accesses convenient, clean, safe, orderly, and attractive.

3. Implementation Strategies

The Town will rely on its Police Department and State regulatory agencies to police its access sites.

The Town will study regulations as necessary to foster convenient, clean, safe, orderly, and attractive access sites.

C. Maintenance

1. Background

In 1997-98, the Town spent approximately \$6,476 for the maintenance of its beach access sites. Lighting costs are not included in that figure.

With the proper amount of manpower/workforce, a regular maintenance schedule could be implemented with all jobs completed on a routine basis.

2. Policy

The Town supports regular maintenance activities at shoreline access sites.

3. Implementation Strategies

The Town will continue to allocate general fund monies from occupancy tax revenues for the maintenance of all sites to the appropriate standards for their respective designation.

The Town will seek North Carolina Coastal Estuarine and Beach Access Program grants and Dare County Tourist Bureau funds for upgrading and maintaining accessways.

The Town will use general fund maintenance allocations and grant contributions for sign placement, litter control, repairs to buildings, accessways, parking, and driveway areas.

The Town will implement maintenance/upkeep of beach accesses according to this Update. See EXHIBIT 4.

The Town will rely on its Public Works and Buildings and Grounds departments for maintenance activities.

The Town will study the costs and benefits of a regular beach grooming and cleaning program.

The Town will encourage groups and businesses to adopt a beach and conduct regular clean-ups.

The Town will support beach nourishment projects.

Maintenance/Upkeep on Beach Accesses	
JOB	TIME PERIOD
Clean sand off beach access parking lots	March, April
Striping beach access parking lots	March, April
Repair fences, ramps, walkways & steps	March, April
De-winterize bathhouse & outdoor showers	April
Check fences, ramps, walkways, steps for damage	April
Winterize bathhouse & outdoor showers	November
Mowing	March through October
Planting (plant specific)	January through December
Pest Control (plant specific)	January through December
Fertilizing (plant specific)	January through December
Mulching (as needed)	January through December
Trimming/pruning (plant specific)	March through November
Irrigation (weather specific)	March through November
Landscaping/Hardscaping	November through March
Bulb Planting	September through December
Wildflowers	September through January

D. Possible New Facilities and Improvements to Existing Facilities

1. Background

With the exception of Hayman Boulevard, access sites north of the Avalon Pier are typically unimproved dune cut-through with little, if any, parking. Diminishing distance between the ocean and NC 12 in this area hinders the possibility of parking areas or walkway improvements. However, demand for access parking in the area remains high.

South of Atlantic Street, Kill Devil Hills has only two local and one private access points. At least one neighborhood facility is needed in this area.

Parking development proposals have historically generated opposition from residents. In anticipation of this, the Town should work to notify neighboring property owners, publicize the plans, and provide opportunity for public comment. The Town should continue efforts to minimize impacts from development of parking areas.

The high level of use at the existing ocean regional facility at E. Ocean Bay Boulevard demonstrates the need for additional regional facilities and additional parking at this facility. Locating a second

facility poses a challenge because of the limited availability and high cost of oceanfront land, as well as concerns about the potential impact of a regional access on adjacent uses.

Development in Kill Devil Hills is now primarily oriented along two north-south routes, Croatan Highway and Virginia Dare Trail. As the area between these two roads changes from residential use to more intense usage, routes connecting the two will take on new importance. Key routes between the two can become distinctive and attractive corridors for pedestrian and vehicular traffic. Streetscape features of a corridor include, but are not limited to, sidewalks, decorative plantings, benches, ornamental litter receptacles, and ornamental light fixtures. The corridor will have a beach access as a focal point. The larger rights-of-way are the most appropriate locations for such improvements. Corridor improvement projects could be instituted at the time these roads are repaved or major commercial projects take place in the vicinity.

2. Policy

The Town supports the construction and/or addition of shoreline access facilities and/or improvements thereto.

3. Implementation Strategies

The Town will consider adopting a local policy of providing restroom facilities at accesses other than regional access sites.

The Town will consider the purchase or lease of property near beach accesses in order to provide convenient parking and access to the ocean beach.

The Town will support private sector initiatives to provide parking.

The Town will consider using the unimproved Eden Street right-of-way west of NC 12 for access parking.

The Town will consider improving the 100' wide right-of-way on Raymond Street for parking.

The Town will consider the lease or purchase of property on the west side of NC 12 near the Lake Drive ocean access in order to enhance the space needed for a neighborhood access.

E. Site Acquisition

1. Background

With the growth of soundside neighborhoods in recent years, the need for public soundside access facilities is increasing. In addition, increased demand and limited supply of ocean accesses in both the north and south ends of Town identify the need for additional facilities.

2. Policy

The Town supports the acquisition of access sites for improvements and amenities when such acquisitions are determined to be in the best interests of the citizens of and visitors to the Town.

3. Implementation Strategies

The Town will consider acquiring unbuildable lots on Kitty Hawk Bay west of Bay Drive between West Hayman Boulevard and West Bickett Street in order to provide public access and natural areas along the shoreline.

The Town will continue efforts to increase ocean access parking capacity, particularly in northern and southern Kill Devil Hills.

Consider acquisition of "private" or "homeowners" accesses where possible.

F. Funding

1. Background

Funding for beach access improvements has come from State matching grants, Town funds, private sources and initiatives, and grants from the Dare County Tourist Bureau. Town money for the matching grants and for general maintenance has come from general fund revenues. This plan does not anticipate any substantial change in the means used to fund shoreline access programs. However, additional options should be explored.

2. Policy

The Town supports the expenditure of public (State, Federal, and Town) funds and private funds for the construction, reconstruction, maintenance, and rehabilitation of its shoreline accesses.

3. Implementation Strategies

The Town will continue to participate in the North Carolina Coastal and Estuarine Accesses grant program.

The Town will continue to pursue Dare County Tourist Bureau Restricted Fund grants for shoreline access development and redevelopment.

The Town will continue to allocate matching funds for grants.

The Town will continue to allocate general fund revenues to operate, upgrade, and maintain accesses.

The Town will pursue grants and consider capital outlays for land acquisitions.

The Town will pursue grants for upgrades and repairs to accesses.

The Town will encourage developments with impact on shoreline access use to contribute to the public beach access program in a manner which directly addresses the impact of the development.

The Town will analyze facility fee financing for shoreline access development.

The Town will encourage land donation for shoreline accesses.

The Town will investigate alternative sources of funding, including programs such as parking stickers and parking meters and the use of Powell Bill funds, for improvement and maintenance of accesses.

The Town will lobby the State to allocate funding for maintenance and rehabilitation of shoreline access facilities.

V. PROPOSED SCHEDULE

The importance of shoreline access to the economy and quality of life in Kill Devil Hills warrants that the Town commit its resources to

fulfilling the objectives of this plan. The following schedule is recommended:

Within four years, the Town will:

Improve Cameron/St. Louis Streets and Wallace/Helga Streets soundside accesses to local standards.

Develop Atlantic Street ocean access to neighborhood standards.

Investigate acquisition, donation, or lease of land to provide ocean access parking or for purposes of storm hazard mitigation.

Conduct title search and establish ownership of the 10' ocean access easement at 1400 block of NC 12.

Improve Lake Drive ocean access to neighborhood standards.

Improve Third Street ocean access to neighborhood standards.

Improve West Arch Street to local soundside access standards.

Construct a wooden walkway at Oregon Avenue ocean access.

Improve Pinehurst Avenue ocean access to neighborhood standards.

Develop 100' and 90' right-of-ways in the commercial and high density zones for access parking in coordination with the development of major access corridors at Ocean Bay Boulevard and any other street suitable for corridor use in conjunction with the Wright Brothers 2003 Celebration.

Investigate possibility of coordinating a parking plan with the National Park Service for the property known as the "Window to the Sea" between the Wright Brothers Monument and the ocean in conjunction with the Wright Brothers 2003 Celebration.

The Town will continue it's efforts to increase ocean access and parking capacity, particularly in northern and southern Kill Devil Hills.

The Town will work with adjacent land-owning entities, both public and private, for the purpose of investigating soundside access opportunities south of Ocean Bay Boulevard.

Within eight years, the Town will:

Improve Aviation Avenue ocean access to neighborhood standards. (Phase 1: Utilize the site as a bicycle/pedestrian access.)

The Town will consider acquiring unbuildable lots on Kitty Hawk Bay, west of Bay Drive between West Hayman Boulevard and West Bickett Street.

VI. MODEL STANDARDS

The Town of Kill Devil Hills, through its long history of access development projects, has developed model standards for improving accesses. The following exhibits are model standards that Kill Devil Hills will rely upon when reconstructing access improvements or constructing new improvements at sites. These model standards provide general guidance only and are not intended to be construction drawings or denote what will be installed or used at each access owned by the Town.