



Shoreline Stabilization Permit Application

Growth Management Department
Environmental Division

APPLICATION TYPE – Check all that apply

- | | |
|---|--|
| <input type="checkbox"/> REPAIR – existing shoreline structure | <input type="checkbox"/> PRE-APPLICATION Meeting Request |
| <input type="checkbox"/> Shoreline stabilization with native vegetation | <input type="checkbox"/> Riprap |
| <input type="checkbox"/> Retaining Wall | <input type="checkbox"/> Seawall |

Applications for structural hardening of the shoreline protection zone (SPZ) must include documentation from a Coastal Engineer or Environmental Professional to demonstrate that erosion occurring is resulting in an accelerated loss of shoreline and is causing a serious (significant) threat to life or property according to the minimum criteria identified in Section 4.5.C.7., Land Development Regulations (LDR), Martin County Code.

PART 1: APPLICANT INFORMATION

A. Owner(s) of Land
Name
Title and Company (if applicable)
Mailing Address
City, State, Zip
Telephone, E-mail Address
B. Environmental Professional or Professional Engineer
Name
Company
Address, City, State, Zip
Telephone, E-mail Address
C. Licensed Contractor Authorized to Perform Installation
Name
Company and License Number
Address, City, State, Zip
Telephone, E-mail Address

PART 2: SITE INFORMATION

General Site Information

Street address, directions, or gate code, as necessary:

Parcel control number:

Parcel acreage:

Subdivision name:

Date lot was platted:

Plat book #:

Page #:

Parcel Type Residential Multifamily Commercial Other

Legal description of property

PART 3: PROJECT DESCRIPTION

A. General Project Description

Project description and scope and structural dimensions (linear ft. wall/cu yds. riprap):

Describe proposed work within shoreline protection zone or wetland buffer

Quantity of Fill to be added or removed: _____ cubic yards

Proposed slope of buffer area to wetland: less than / greater than 4 horizontal : 1 vertical

B. Site Assessment

Wetlands on or within 100' of property

Adjacent property shoreline features (seawalls, native vegetation, or rip-rap)

Mangroves present on shoreline

Width of manmade waterbody _____ ft.

Shoreline Protection Zone _____ ft.

Wetland Buffer _____ ft.

Residential Lot of Record: year platted

Source of Erosion (briefly describe if erosion problem is waterborne or from uplands, and why)

PART 4: APPLICATION CHECKLIST

The following items must be provided to complete your Application

1. **Application Processing Fee** - Provide a check for the applicable fee made payable to Martin County B.C.C. A pre-application fee may be provided for an on-site qualification evaluation. Provide a completed application and items 2, 3, and 4 listed below, at a minimum.
2. **Location Map** - Identifying the subject parcel, with driving directions or gate codes, as necessary.
3. **Property Survey** - Provide a current signed and sealed property survey indicating the following (*to scale*):
 - Property acreage, existing structures and native SPZ vegetation to be retained.
 - Existing topography – elevation data for subject property, including spot elevations in the proposed buffer area and Mean High Water Line elevation.
4. **Shoreline Erosion Documentation for Structures** – As certified by a Coastal Engineer:
 - See Section 4.5.C.7. and 8., LDR, for required information (Attached at end of application)
 - Evidence of erosion due to hydrological activity in waterbody for new seawalls or riprap, or
 - Evidence of upland stormwater run-off erosion for retaining walls in the SPZ
5. **Site Plan** - Provide **3** copies of a final site plan or property survey indicating the following (*to scale*):
 - Proposed structures and planting areas with distance to Mean High Water Line;
 - Vertical height from top of bank to MHWL
 - Proposed slope of Rip-Rap
 - Identification of wetlands, wetland buffers or shoreline protection zone areas
 - All other setback information (side, front, etc.)
6. **Erosion Control/Stormwater Detention Plan** - Provide a final plan indicating the following (*to scale*):
 - Proposed erosion control device (e.g., silt fence barricade or turbidity barrier) to be installed prior to, and to remain in place during, all construction activities; and
 - Proposed stormwater detention swale or berm, as required.
7. **Representative Photographs** - Provide photos to indicate existing vegetation and slopes within the buffer area and shoreline of the subject property.
8. **Planting Plan** – Provide a planting plan indicating installation of native vegetation compatible with elevations and proximity to the water. The plan shall include the proposed species, size, quantities and spacing.

PART 5: POST-APPROVAL CHECKLIST

The following are to be provided prior to final approval

1. **As-Built Survey**– An as-built survey will be required prior to final approval to identify the following:
 - Locations of stabilization structures, riprap, and existing and planted native vegetation in the SPZ.
 - Topography – elevation data for subject property and permitted structures, including spot elevations in the SPZ and the Mean High Water Line elevation.
2. **Post Approval, 2 Yr. Inspection** – An post-approval inspection shall be conducted 2-years following completion of shoreline stabilization. Stormwater control structures and native vegetation shall be maintained in the SPZ as provided on the approved plans.

PART 5: APPLICATION CERTIFICATION

Please read and sign

1. By signing this application form, I am applying, or I am applying on behalf of the applicant, for a shoreline hardening/rip-rap permit. I am familiar with the information contained in this application and represent that such information is true, complete and accurate. I understand this is an application and not a permit, and that commencement of construction prior to approval is a violation of Article 4, Division 1, Land Development Regulations, Martin County Code. I understand that this application, and any other permit issued pursuant thereto, does not relieve me of any obligation for obtaining any other required federal, state, water management district or local permit prior to commencement of construction.

I certify also that existing deed restrictions or covenants on this property will be observed and that, if this application is approved, all portions of the Martin County Code pertaining to the use of the above described property will be observed. I further certify that I have read the instructions and fully understand the conditions set forth and will comply fully with them, knowing that failure to comply or omission thereof may result in no action being taken on this application and forfeiture of the application fee.

Typed/Printed Name of Property Owner or Agent (If one is so authorized below)

Signature of Applicant or Agent

Date

2. **AN AGENT MAY SIGN ABOVE ONLY IF THE PROPERTY OWNER COMPLETES THE FOLLOWING:**

I hereby designate and authorize the agent listed above to act on my behalf, or on behalf of my corporation, as the agent in the processing of this permit application; and to furnish, on request, supplemental information in support of the application. In addition, I authorize the above-listed agent to bind me, or my corporation, to perform any requirements that may be necessary to procure the permit.

Typed/Printed Name of Property Owner

Signature of Property Owner

Date

NOTARY ACKNOWLEDGMENT

STATE OF _____ COUNTY OF _____

I hereby certify that the foregoing instrument was acknowledged before me this _____ day of

_____, 20____, by _____ . He or she () is

personally known to me or () has produced _____ as identification.

Notary Public signature

Typed or printed name

State of _____ at-large

My commission expires: _____

LAND DEVELOPMENT REGULATIONS Article 4 - SITE DEVELOPMENT STANDARDS
DIVISION 1. - WETLANDS AND SHORELINE PROTECTION

- 4.5.C. *Shoreline stabilization.* No new construction shall threaten the stability of the estuarine system. Decisions regarding shoreline stabilization shall be coordinated to protect adjacent properties and to protect the values and functions of wetlands, spoil islands and submerged lands throughout the estuary and its tributaries.
7. The following minimum criteria shall be used by the County Administrator to assess each application for shoreline hardening to determine that erosion is causing a serious (significant) threat to life or property:
- a. Increasing, destructive loss of native vegetation, which results in a documented accelerated shoreline loss. The burden of proof shall be the responsibility of the applicant; or
 - b. Existing shoreline protection trends as established within the immediate area where the shoreline protection measure is proposed shall be considered if:
 - (1) The parcel proposed for shoreline hardening is immediately adjacent to and between existing, riprap, or seawalled lots on either side of the subject parcel; or
 - (2) The parcel is located along a canal where more than 75 percent of the canal has riprap or vertical walls; or
 - (3) The parcel is located less than 150 feet from existing riprap, or vertical walls.
 - c. Existing manmade canals cut into upland areas shall be considered special problems if:
 - (1) Canals 50 feet or less in width (as measured at the mean high water line).
 - (2) A ten foot or larger elevation difference exists between mean high water and the finished floor of existing primary structures.
 - (3) Invasion and domination of the native shoreline vegetation by undesirable exotic vegetation, including Australian Pine, Melaleuca and Brazilian Pepper trees may require not only the removal of the trees but the excavation of the root systems. Depending on the size of the excavation and the proximity to structures, the County Administrator may consider the excavated area more vulnerable to erosion.
 - d. Unique water-dependent requirements of existing and proposed marine waterfront commercial uses.
 - (1) Pursuant to policy 8.1C.1.(3)2), Comprehensive Plan, properties designated for marine waterfront commercial use may access the water through the Shoreline Protection Zone. In these cases the shoreline may be hardened for travel lifts, boat ramps and related facilities and shall generally be limited to 30 feet in width.
8. Shoreline hardening applications must provide plans, test results, or other professionally accepted information that affirmatively demonstrates that any proposed shoreline hardening project will not:
- a. Adversely impact water quality; or
 - b. Adversely affect adjacent properties; or
 - c. Adversely affect biological communities; or
 - d. Adversely affect the flow of water; or
 - e. Increase the waterward extension of the existing shoreline; or
 - f. Create a navigational hazard.