



STATE OF DELAWARE  
DEPARTMENT OF NATURAL RESOURCES  
AND ENVIRONMENTAL CONTROL  
DIVISION OF WATERSHED STEWARDSHIP

89 Kings Highway  
DOVER, DELAWARE 19901

OFFICE OF THE  
DIRECTOR

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**APPLICATION FOR CONSTRUCTION LETTER OF APPROVAL FOR A  
PEDESTRIAN DUNE CROSSOVER**

This application form is provided for construction of a pedestrian dune crossover in the defined beach area as required by Part 4 of the Regulations Governing Beach Protection and the Use of Beaches.

Crossovers may be a maximum width of 4 foot wide and must be constructed in a manner that does not alter the existing profile of the dune. Examples of acceptable crossovers are attached.

**Please answer all questions thoroughly and provide the applicable drawings.  
Incomplete applications will be returned.**

Name of Property Owner: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

\_\_\_\_\_

E-Mail Address: \_\_\_\_\_

Telephone Numbers: A/C ( ) \_\_\_\_\_ Residence A/C ( ) \_\_\_\_\_ Office

Name of Authorized Agent: \_\_\_\_\_

(Optional)

Mailing Address: \_\_\_\_\_

\_\_\_\_\_

E-Mail Address: \_\_\_\_\_

Telephone Numbers: A/C ( ) \_\_\_\_\_ Residence A/C ( ) \_\_\_\_\_ Office

*Delaware's good nature depends on you!*

**Location of proposed work:**

Lot(s) Number: \_\_\_\_\_ Block Number: \_\_\_\_\_

Street: \_\_\_\_\_

Subdivision/Community: \_\_\_\_\_

Tax Map #: \_\_\_\_\_

**Type of crossover proposed:** \_\_\_\_\_

**Width of Crossover:** \_\_\_\_\_

**Please supply the following information:**

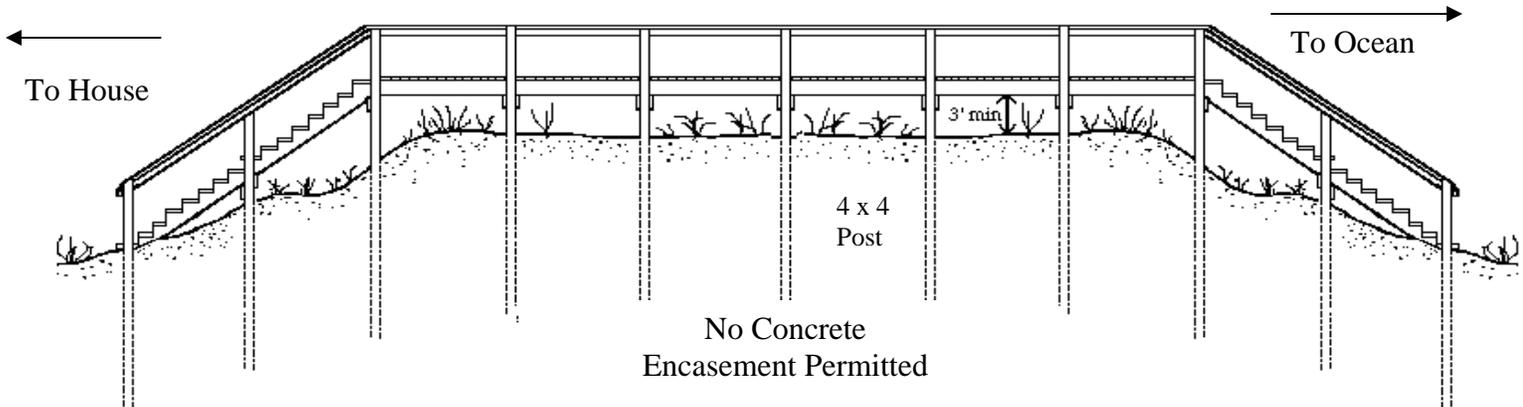
1. Copy of deed, lease, sales contract or other instrument showing legal interest of the property upon which work is to take place.
2. An **8 1/2" X 11"** plan (drawn to scale), indicating:
  - a. The location of the pedestrian dune crossover on the lot and in relation to the existing structure(s).
  - b. The dimensions of the proposed crossover.
  - c. A profile view (cross section) of the proposed crossover.



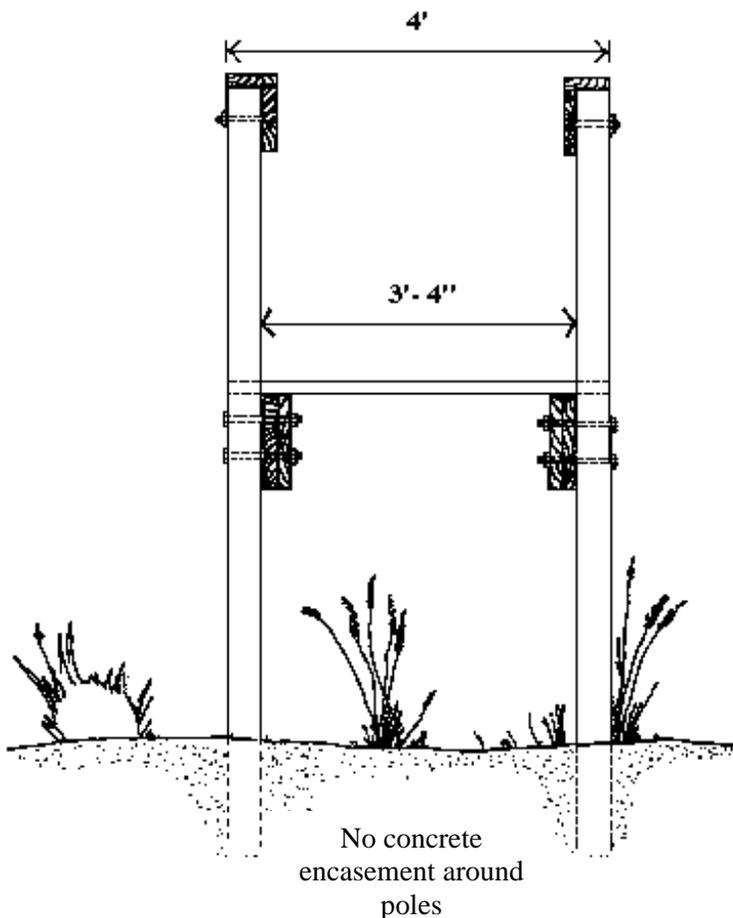
## Example Pedestrian Dune Crossovers

In areas of heavy foot traffic, a dune crossover is recommended to save vegetation and wearing down of the dune. Below are examples of two crossovers. If crossovers are elevated, they should be elevated at least 3 feet above the dune to allow for grass to grow underneath. Failure to elevate properly can lead to loss of vegetation and wind erosion of the dune. Crossovers may be a maximum width of 4 feet wide overall, including the handrails. Encasement of the bottom of pilings with concrete is not permitted.

### Elevated Crossover

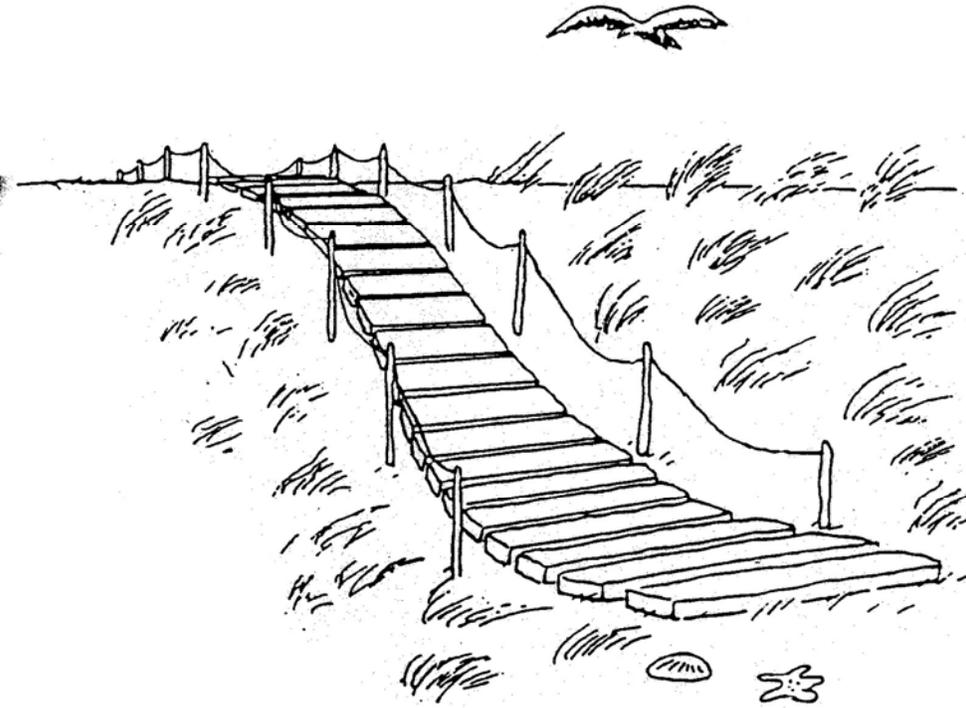


Length of crossover will vary depending on the width of the dune. Include as many step sections as necessary to grade from top of dune (+3 feet above dune) to base of dune. Ocean side steps should be removable so that they can be moved to an inland area during the winter when not in use. This will help to prevent loss during a coastal storm.



Crossovers must be a maximum width of 4 feet wide overall. Elevation at least 3 feet above the dune to allow sunlight to penetrate underneath for the benefit of the vegetation is recommended.

# Roll-Out Crossover



## The advantages of this type of crossover are:

- it is flexible and will follow the contour of the dune.
- it is removable for storage during the winter and during coastal storms.
- The boards will work on the sand but not deeper than their thickness
- It is relatively inexpensive

2 x 6 or 2 x 8 or any appropriate timber can be used.

Use cable or heavy rope for stringer. Short pieces of rubber hose work well for spacers.

As an alternative to drilling holes through the timbers, the rope can be stapled onto the back of the timbers.

Distance between timbers is not critical. It should be about one-third the timbers width.

