

specific to the beach should be provided to drivers. Some beach managers also require drivers to view a brief audio-visual presentation. [See Chapter 6 -- "Public Education and Outreach."]

2) BARRIER BEACH VEHICLE QUOTA _____

Recommended Management Measures

- As a general rule, it is recommended that a certain number of square feet of frontal coastal beach be allowed for each off-road vehicle entering the beach. This will determine the amount of vehicles allowed on a barrier beach at any one time.

In determining the appropriate number of vehicles for a specific area, the beach manager should first estimate the square footage of available coastal beach, ten feet from the Spring High Tide to Mean High Tide. Bathing areas, salt marshes, coastal dunes, tidal flats, rare species habitat, wrack, and staging areas for migratory shorebirds should not be included in the land areas used to calculate the number of square feet allowable.

Available Area/Number of Vehicles = Area per Vehicle (in square feet)

This recommendation must be interpreted by beach managers on a case-by-case basis depending largely upon the characteristics of the barrier beach under consideration for off-road vehicle operations.

3) RARE SPECIES MANAGEMENT _____

Recommended Management Measures

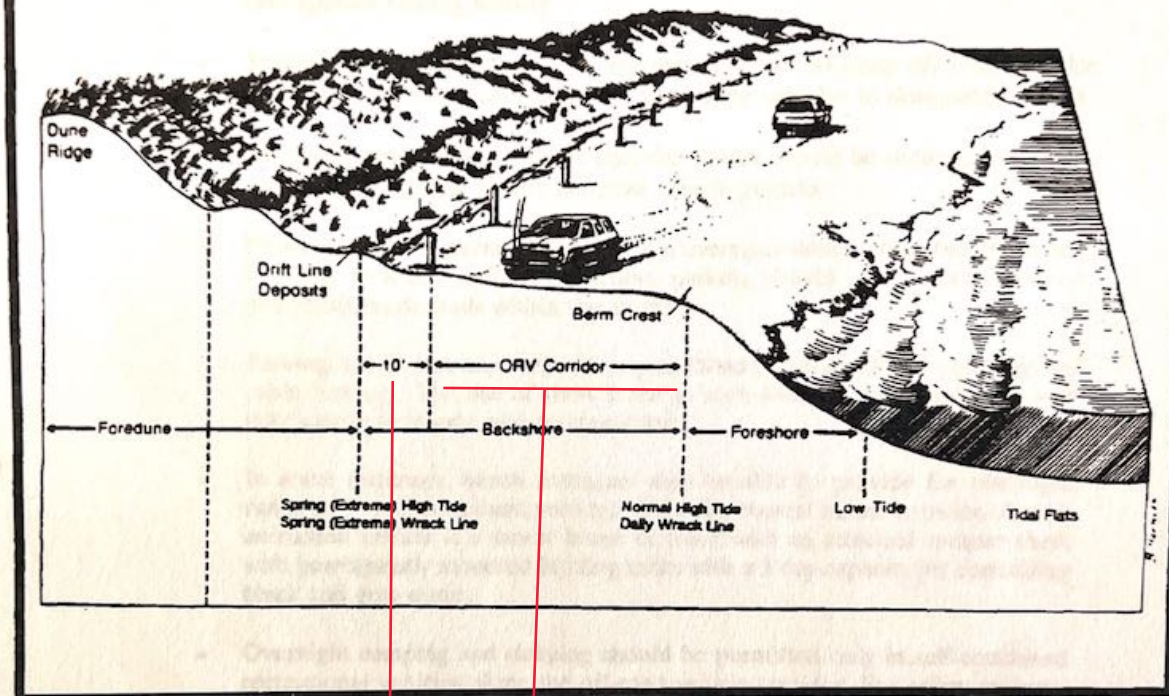
The following jurisdictional matters should be evaluated by beach managers and regulators:

1) Wildlife habitat and rare species habitat is protected under the Massachusetts Wetlands Protection Act and enforced by the municipal conservation commission and the Massachusetts Department of Environmental Protection;

2) Rare species are protected under the federal Endangered Species Act and the Massachusetts Endangered Species Act, which are enforced by the U.S. Fish and Wildlife Service and the Massachusetts Division of Fisheries and Wildlife, respectively; and

3) Wildlife habitat, including that for rare species can and in some instances may be protected under municipal wetlands protection by-laws/ordinances and enforced by the municipal conservation commission.

Beach Terminology Diagram



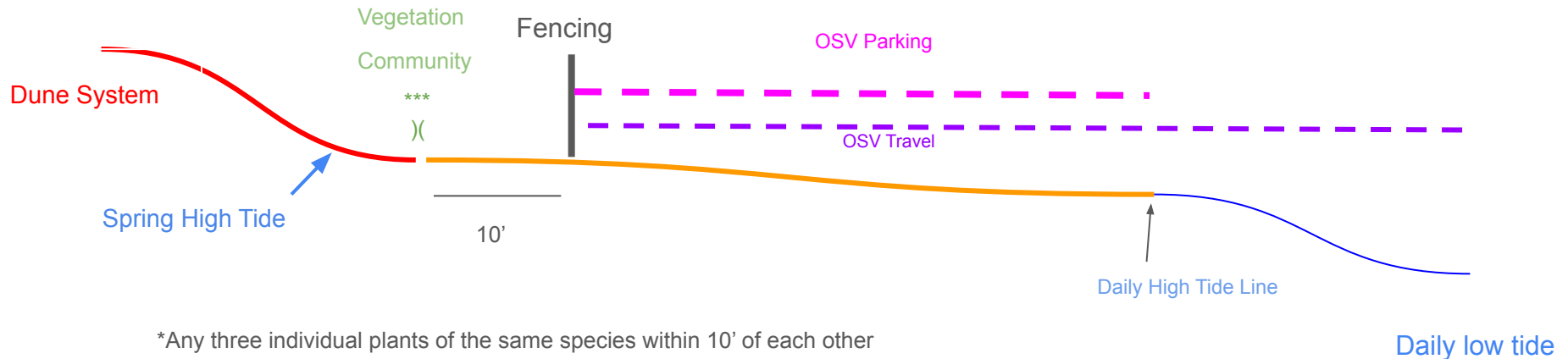
1.5 inches for Corridor. Corridor needs to be a minimum of 40 feet between toe of dune and normal high tide.

3/8 inch = 10 feet

Figure 13. Beach terminology diagram (adapted from: U.S. Department of the Interior/National Park Service/Cape Cod National Seashore).

Recreational OSV Beach Corridor and Parking Zone

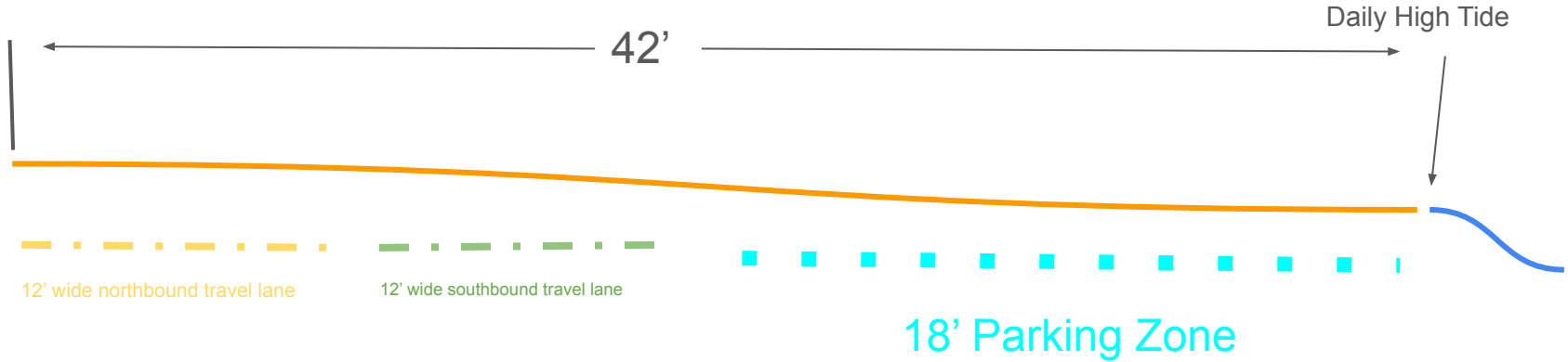
- Outside of dune system
- Below Spring High Tide Line & seaward of vegetation
- Not over shellfish beds
- Symbolic fencing ten feet seaward of the Toe of the Primary Dune and any Vegetation Community*
- Travel corridor of at least 12' wide for each direction of travel without parking
- Parking zone of at least 18' wide



Example of Recreational OSV Beach Corridor

2 way traffic with parking

Symbolic fence line





Symbolic fence line

OSV travel lanes

Daily High Tide line

17' long SUV

