

**PROPOSED SAND MANAGEMENT PLAN
COLLIER CREEK NAVIGATION IMPROVEMENTS**

1. Limit sand placement east of H-9 solely for beach nourishment needs.
2. Sand in excess of beach nourishment needs, which exceed the permit templates, or to keep the lagoon open should be disposed of where it will minimize impacts to the inlet (offshore disposal). Permit templates between H-9 and H-12 should be reduced to be similar in size compared to T-groin cross sections as those between H-12 to H-14.
3. Sand dredged from Collier Creek should be used primarily for beach nourishment or be placed in an offshore stockpile area.
4. Minimize inlet dredging, encourage sand conservation and sand transport away from the inlet.
5. The proposed groin will be permeable, mitigate downdrift impacts of the T-groins, and promote zero net loss of state lands.
6. The Big Marco/Capri Pass disposal area should be expanded. Disposal areas will be jointly developed by the City of Marco Island and Collier County.