

3. **PRESENTATION(S)**
 - d. Proposal for Causeway Fishing Pier
 - i. City of Sanibel Project and Design Review Criteria and City of Sanibel Staff Comments



Sanibel Causeway Improvements Fishing Pier Bridge “B”

Project and Design Review Criteria and Comments

October 21, 2008

1. Project Scope and Design

The overall project scope and design should be indicative of the natural and passive characteristics that have historically defined the Causeway Island.

2. Projected Intensity of Use

The daily, weekly, seasonal and annual intensity of utilization projected for the facility should not exceed the environmental and infrastructure carrying capacity of the Causeway Island.

3. Hours of Operation

The hours of operation for the fishing pier and associated facilities should be defined including pier and facility management and security measures to ensure public safety.

4. Design, Materials and Height of Structures

The height of the proposed shade structures, including the weather vanes, is 20'6" above the deck of the fishing pier. The height of the proposed entry marquee sign is approximately 20'. The height of the proposed information kiosk/totem will also extend well above the deck of the fishing pier. The design, height and proportions of these proposed facilities should not present a distraction to motorists traveling on the causeway that could impact traffic safety.

The materials or surfaces associated with the shade structures and other vertical elements of the proposed facility design, given their elevation and proximity to vehicular traffic, should not present any reflection or glare that could impact traffic safety.

It should be demonstrated that the design of the shade structures and associated accessory detailing will withstand storm surge, wave action and wind velocities typical for coastal high hazard locations.

5. Signage

All signage should be minimal in size and height and should be of a color and design that responds to the historic passive and environmental character of the Causeway Island. Signage should not introduce commercial or urban characteristics.

The proposed entry marquee sign for the fishing pier introduces a dominant and highly visible and defining element to the project. The compatibility of the sign and the costs associated with maintenance and replacement must be considered given the exposure of the sign to storm surge, wave action and wind velocities typical for coastal high hazard areas.

Signage that discourages the feeding of birds, defines fishing pier regulations, instructs how to de-hook a bird, and where to recycle fishing line would also be prudent additions to the facility.

6. Kiosk/Totem

The purpose, signage and informational displays associated with the proposed kiosk/totem situated at the terminus of the fishing pier should be further defined. The ongoing maintenance costs and structural soundness of the kiosk/totem, in terms of its ability to withstand storm surge, wave action and wind velocities typical for coastal high hazard areas, should be examined.

7. Bird Attraction

The height and complex configuration of the roofs of the proposed shade structures for the new pier may well allow for birds, including listed wading birds attracted to fishing activities, to perch on the roofs and be at risk from being struck by cars crossing the bridge immediately adjacent to these roofs at the same elevation. It is recommended that an alternative roof design be considered that minimizes the potential for bird perching, possibly a more simple, steeper roof design would be effective.

8. Traffic, Pedestrian and Bicycle Safety

The proposed recreational activities, in such close proximity to the road, will cause traffic to slow creating an environment that may contribute to accidents. The fishing pier activities will also attract large volumes of birds that may contribute to accidents.

The design and striping of the roadway and the location and alignment of curb cuts serving existing and proposed parking areas on both sides of the Causeway Island may need to be evaluated to ensure optimum traffic safety.

The location, length and capacity of the existing turning lanes should be evaluated to ensure safe and efficient ingress, egress and through traffic movements.

9. Off-Street Parking

Adequate off-street parking to support the anticipated intensity of use should be available on the eastern side of the Causeway Island to limit pedestrian crossings.

10. Walkway Surface

Alternative pervious surfaces should be considered in lieu of the paved concrete walkway.

11. ADA Compliance

All components of the project, i.e., fishing pier, restrooms, parking areas, picnic tables, benches and shade structures, should be ADA compliant.

12. Future Building Site

The proposed size and use(s) associated with the “future building site” shown on the site plan should be defined. Will this facility provide space for various concessions that will serve the fishing pier? What types of concessions are contemplated? Would any future concessions serve only the primary purpose of the fishing pier; or will there be concessions that will attract the public in general? Will the proposed building be flood proofed? Will the proposed building be constructed to withstand storm surge, wave action and wind velocities associated with coastal high hazard areas?

13. Vegetation Plan

A native vegetation plan should be prepared that will be consistent with the character of the Causeway Island and provide shaded areas as well as stabilize soils.

14. Restrooms

The rest rooms will be expected to receive additional use with the operation of such a large new facility. Lee County should consider either connecting the rest rooms on

both sides of the Causeway Island to Sanibel's central sewage system, as has been suggested by the City's Utilities Director, or at least to utilize some type of decomposting storage with periodic pump-out to prevent pollution of the waters of San Carlos Bay from septic systems.

15. Trash Receptacles and Recycling

The number and type of trash receptacles should be adequate to serve the anticipated type and intensity of uses associated with the fishing pier and picnic areas. The trash receptacles should be enclosed or secured to eliminate attraction to wildlife and prohibit wildlife access.

16. Fish Cleaning

The fish cleaning stations should include a 2' diameter PVC or equivalent fish remains tube such as is used at the existing Sanibel fishing pier at Lighthouse Park. These tubes are recommended to be placed at each fish cleaning station in order to discourage pelicans and other pelagic birds from trying to swallow fish carcasses and choking. If properly designed, these tubes can eliminate attracting large numbers of beggar birds and also minimize the potential for fishermen who may accidentally hook birds that attempt to steal fish from the lines.

17. Lighting

Identify the type and number of additional lighting fixtures that may be planned to serve the fishing pier, picnic area, paved walkways, rest rooms and parking areas.