

## MEMORANDUM

January 28, 2020

TO: City Commission

CC: Greg Harrison, City Manager  
Suzette Sibble, Assistant City Manager  
Brian Donovan, Assistant City Manager  
Earl Bosworth, Assistant City Manager

FROM: Horacio Danovich, CIP and Innovation District Director



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### Issue

Staff is seeking City Commission approval of a Resolution to execute a Sea Turtle Lighting Agreement with the Florida Department of Environmental Protection ("FDEP"). This agreement is necessary to allow the installation of approved light fixtures behind educational graphic panels (see Exhibit "A") installed throughout the Fishing Pier (see Location Map).

### Recommendation

Staff recommends Approval of the Resolution.

### Background

The City sought to incorporate design elements throughout the Fishing Pier that would be educational in nature, but also effective, distinctive, and served the public purpose. One of those elements is a series of 30 graphic panels depicting local marine life. The design team recognized these panels would be better served if lit from behind. To that effect, the design engineer devised a light fixture that's mounted and framed inside a compartment box. The light fixture provides sufficient backlighting to the graphic to be appreciated during nighttime.

FDEP personnel reviewed the City's plans and inspected a sample box to determine compliance with sea turtle regulations. Upon completion, FDEP recommended a series of modifications to the plans. Moreover, they advised City staff that a maintenance agreement was necessary to ensure compliance with existing regulations and to ensure the City would observe said regulations by turning off lights during sea turtle nesting season.

To comply with FDEP's standards, the design team prepared a set of plans that includes the installation of an atomic clock to control when the lights go on and off.