



**CITY OF FORT LAUDERDALE
City Commission Agenda Memo
REGULAR MEETING**

#21-0935

TO: Honorable Mayor & Members of the
Fort Lauderdale City Commission

FROM: Chris Lagerbloom, ICMA-CM, City Manager

DATE: November 2, 2021

TITLE: Resolution Authorizing the City Manager to Execute a Grant Agreement
with Sea Turtle Conservancy to Fund the Installation of External Light
Shields Along State Road A1A - \$16,670 - **(Commission District 2)**

Recommendation

Staff recommends the City Commission authorize the City Manager to execute a grant agreement, in substantially the form attached, with the Sea Turtle Conservancy (STC) in the amount of \$16,670 to fund the installation of external light shields along State Road A1A from Alhambra Street north to Sunrise Boulevard and bring existing pedestrian light fixtures into compliance with current Florida Fish and Wildlife Commission (FWC) lighting design standards for light fixtures that can impact sea turtle nesting habitats.

Background

The existing pedestrian light poles on the east side of State Road (SR) A1A do not have an external light shield from the entrance of the South Beach Parking Lot north to Sunrise Boulevard. City Staff has developed a good working relationship with FWC, and they requested installation of the light shields. The purpose of the light shield is to shield point source of light for sea turtles, especially during the sea turtle nesting period.

The existing pedestrian light poles on the east side of SR A1A from the South Beach Park entrance north to Sunrise Boulevard were installed in 2011 without an external cutoff shield. The 2011 fixtures have amber lights and are illuminated 12 months of the year. The light fixtures were approved by FWC in 2011. The pedestrian light poles north of Sunrise Boulevard were installed in 2015 and they have an external cutoff shield. The 2015 fixtures also have amber lights and are illuminated 12 months of the year. The external cutoff shield is the current FWC requirement for light fixtures that can impact sea turtle nesting habitats. Exhibit 3 contains photos of existing shielded and non-shielded light fixtures along SR A1A and a detail of the 2015 light fixture showing the light shield. The proposed light shield is a 270-degree shield with the opening facing west towards the sidewalk and away from the beach.

The STC grant will fund 100% of the costs to furnish and install external light shields on existing pedestrian lights poles from Alhambra Street north to Sunrise Boulevard. A separate City project will retrofit the pedestrian light shields from Alhambra Street to the South Beach Park entrance. Approval of the grant will provide funding to bring existing pedestrian light fixtures into compliance with current FWC lighting design standards for light fixtures that can impact sea turtle nesting habitats.

Resource Impact

This action will result in a positive fiscal impact to the City in the amount of \$16,670 for the grant acceptance which will be appropriated to the account below contingent upon the approval of the Consolidated Budget Amendment CAM 21-0925.

Source:

<i>Funds available as of October 12, 2021</i>					
ACCOUNT NUMBER	INDEX NAME (Program)	CHARACTER CODE/ SUB-OBJECT NAME	AMENDED BUDGET (Character)	AVAILABLE BALANCE (Character)	AMOUNT
129-GSTC22-F741	FY2022 Sea Turtle Conservancy Grant	Grants Fm Misc Sources for Recreation	\$0	\$0	\$16,670.00
TOTAL AMOUNT →					\$16,670.00

Use:

ACCOUNT NUMBER	INDEX NAME (Program)	CHARACTER CODE/ SUB-OBJECT NAME	AMENDED BUDGET (Character)	AVAILABLE BALANCE (Character)	AMOUNT
129-GSTC22-3437	FY2022 Sea Turtle Conservancy Grant	Services/Materials - Imp Repair & Maint	\$0	\$0	\$16,670.00
TOTAL AMOUNT →					\$16,670.00

Strategic Connections

This item is a 2021 Top Commission Priority advancing the Parks and Public Places initiative.

This item is a *Press Play Fort Lauderdale Strategic Plan 2024*, specifically advancing:

- The Public Places Focus Area
- Goal 3: Build a healthy and engaging community
- Objective: Improve access to and enjoyment of our beach, waterways, parks, and open spaces for everyone

This item advances the *Fast Forward Fort Lauderdale 2035 Vision Plan: We Are Here*.

This item supports the Advance Fort Lauderdale 2040 Comprehensive Plan specifically advancing:

- The Public Places Focus Area
- The Parks, Recreation & Open Spaces Element
- Goal 2: Be a community with high quality parks and recreational facilities that highlight the character of our City.

Attachments

Exhibit 1 – Grant Pre-Application

Exhibit 2 - Sea Turtle Conservancy Grant Agreement

Exhibit 3 – Photos of Existing Conditions and Light Shield Detail

Exhibit 4 – Resolution

Prepared by: Tom Green, Project Manager, Parks and Recreation

Department Director: Phil Thornburg, Director, Parks and Recreation
Susan Grant, Director, Finance