



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

#15-1417

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

FROM: Lee R. Feldman, ICMA-CM, City Manager

DATE: November 17, 2015

TITLE: Resolution Approving a License Agreement with the Florida Department of
Transportation (FDOT) for Construction of a Dune Project as part of the
A1A Reconstruction Project

Recommendation

It is recommended that the City Commission adopt a resolution allowing the Florida Department of Transportation (FDOT) to access, construct, restore and repair the sand beach dunes between Northeast 9th Street and 1151 State Road A1A (Park Towers) by importing, grading and shaping beach sand as well as installing appropriate plant material on and adjacent to the sand beach dunes.

Background

FDOT is currently reconstructing A1A. Florida Department of Environmental Protection (FDEP) permit BO-694 and condition 7, requires that they build a dune habitat. The project will create dune habitat within the existing dune features and will provide infill and connectivity opportunities between dunes from Northeast 9th Street to 1151 State Road A1A (Park Towers). The additional dune habitat will also provide storm protection and help protect the significant investment put into the reconstruction of A1A.

FDOT's plan is to use approximately 400 cubic yards of sand and planting a variety of approximately 18,000 plant species including Dune Sunflower, Railroad Vine, Beach Elder, and Sea Oats. In addition, FDOT will be installing approximately 2500 linear feet of a dune protection rope fence.

Per the FDEP permit, FDOT will be required to maintain the new dune and plantings up to 180 days after installation to ensure a 90% overall survival rate. Once FDOT submits a final construction completion certificate to FDEP, the maintenance responsibilities will be placed on the City. The City currently maintains the existing dune structure by removing litter and cutting back the vegetation that creeps beyond the ropes via FDEP permit when needed. Maintaining the additional dune footprint is not expected to cause an additional resource burden on the City. Also, the City does not have any monitoring responsibilities for the new plantings nor ensuring survival rates.

The dune project is set to begin construction in late 2015. This agreement will be in effect until the completion of the resurfacing project, but no later than June 2016.

Resource Impact

There is no fiscal impact associated with this action as the project will be funded and constructed by FDOT.

Strategic Connection

This item is a *Press Play Fort Lauderdale Strategic Plan 2018* initiative, included within the Business Development Cylinder of Excellence, specifically advancing:

- Goal 7: Be a well-positioned City within the global economic and tourism markets of the South Florida region, leveraging our airports, port, and rail connections.
- Objective 3: Advance beach resiliency and re-nourishment.

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

Attachments:

Exhibit 1 – License Agreement
Exhibit 2 – Roadway Plan
Exhibit 3 – Dune Enhancement Plan
Exhibit 4 – FDEP Permit Section
Exhibit 5 – Resolution

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