# Hollywood A1A Streetscape

<u>Improvements</u> Palm Re-Installation July 2, 2025 Update

# Design

#### HISTORY

- 2016 Landscape Design started
- 2018 Design and variance first submitted to FDOT
- 2019 Design and variance approved by FDOT
- 2020 plan revised and permit resubmitted
- 2022 MMOA submitted and approved
- 2023 design changed to Montgomery Palms from Sabal Palms



2018 Concept Rendering

### Planting History Schedule -Burkhardt Construction



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Begin Planting Week of 11/09/2023 - Palms Installed Along this Strip efmpleteyplanting<sup>0</sup>End of December 2023 / Beginning of January 2024 Begin Planting Week of 03/04/2024 - Palms Installed Along this Strip efmpleteyplanting<sup>0</sup>End Late April 2024

Tree Reinstallation Map







$\bigotimes$	PALM IS DEAD; DO NOT REPLACE	22
8	PALM IS DEAD; REPLACE (HIT BY CAR OR OTHER REASON)	30
C	PALM TO BE INSTALLED	1
C	PALM TO REMAIN	126

#### Tree Reinstallation Map - Highlights: Arizona to Buchanan Street



	LEGEND	
$\otimes$	Dead Palm to be removed	7
$\otimes$	Dead Palm Replace	8
0	Palm to remain	25



#### Tree Reinstallation Map - Highlights: Buchanan to Hayes Street



LEGEND		
$\otimes$	Dead Palm to be removed	1
8	Dead Palm Replace	4
0	Palm to remain	23



### Tree Reinstallation Map - Highlights: Garfield to Cleveland Street



VTRACOASTAL WATERWAY

### Tree Reinstallation Map - Highlights: Oklahoma to Taft Street



	LEGEND	
$\otimes$	Dead Palm to be removed	4
$\otimes$	Dead Palm Replace	4
0	Palm to remain	23



#### Tree Reinstallation Map - Highlights: Carolina to Scott Street



LEGEND	
🚫 Dead Palm Replace	12
Palm to remain	21



#### Tree Reinstallation Map - Highlights: New Hampshire to Sheridan Street



	LEGEND	
$\otimes$	Dead Palm to be removed	7
$\otimes$	Dead Palm Replace	1
0	Palm to remain	22



#### Planting Methods for Replacement



1. Back in the tree
grates
Kimley >>> Horn

2. Surface strip
planting (West Side
of A1A only, where
possible)

3. Cover tree grate with pavers until a solution is 11

#### Groundwater Monitoring - Two locations



Groundwater monitor on an empty pit

Groundwater monitor on the proposed new detail for the most critical locations.

### Kimley **»Horn**

Nodel 1990 Control 1990 Nodel 1990 Node Made In Conada 4G LevelSender Shallow groundwater 12 monitoring

#### **Proposed Planting Detail**

KH to provide cross section

Kimley Horn to provide locations
where control test pit will be, what
will be in the test pit, how it will
be monitored. What will the cover
be? Grate or otherwise?
Kimley-Horn to provide location and
detail of second test pit
Kimley-Horn to provide a timeline
coordinated with Burkhardt on test
Modified Dubai
pits
Solution per pit \$
 \*\*\*\*



#### Crushed #57 rock

- 1. Over Exclavate 12" beyond bottom of rootball and remove all existing (salty/wet) soil to extent practical.
- 2. fill hole with 12" of #57 stone
- 3. Place new tree in hole, backfilling with 80% clean sand/ 20% well-rotted muck soil mix.
- 4. Re-install tree grate

Cost per pit \$ \*\*\*\*

#### Summary

- 1 Remove dead trees at locations where saltwater intrusion is high and cover these areas with pavers to match existing sidewalk design.
- 2 West side tree replacement will be maximized through an at-grade/surface planting strip condition due to the width of the sidewalk, at a select location allowed taking into account engineering site line restrictions.
  3 An evaluation will be made regarding where and how tree conditions on the east side of S.R. AlA can be addressed. This will be done once the appropriate amount of data has been collected through geotechnical groundwater monitoring.
  4 GOAL: To replace failed landscape in appropriate locations and to maintain the health and quality of the new and existing landscape, all while taking the existing appropriate and the second se

#### the existing constraints of the corridor into consideration.