

## THE CITY OF KEY WEST - Tree Commission

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Date:

May 28, 2015

From:

Karen DeMaria, Urban Forestry Manager

Reference: Mangroves at Jose Marti Pond

(Corner of N. Roosevelt Blvd/Jose Marti Drive)

The maintenance trimming of the waterward side of the mangrove trees in the conservation easement associated with the Jose Marti Pond drainage pond area has been completed.

Photos of the site dated November 2014, prior to trimming work commencing, are attached (Attachment A).

Photos of the completed work are attached (Attachment B).

The waterward boundary of the conservation easement has been remarked via GPS using pvc poles (see Attachment D). Photos of the marked area are included in Attachment B.

An area 28 feet wide in the mangrove conservation easement was accidently cut beyond what the authorized mangrove trimming allowed. Documentation of the unauthorized work is attached (Attachment C).

Tree Commission
NEMOZANO

Kampfain

### ATTACHMENT A (November 2014)



Standing on Jose
Marti Blvd looking to
the south toward
HOB school and the
side entrance to the
police station.



Standing on Jose Marti Blvd sidewalk looking toward the northeast at the conservation area.



Standing on Jose Marti Blvd looking southeast toward the police station property.



Standing on Jose Marti Blvd looking east toward the police station property and N. Roosevelt Blvd.



Standing on Jose Marti Blvd looking east toward the police station property and N. Roosevelt Blvd.



Standing on N. Roosevelt Blvd looking southwest at conservation area.



Standing in the driveway to the police station looking toward the southwest at the conservation area.

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#### ATTACHMENT B (Photos taken April 2015)



Standing on the sidewalk of Jose Marti Blvd next to the side entrance of the Key West Police Department property next to the HOB School, looking toward N. Roosevelt Blvd (southwest corner of conservation area)









Broad view of Area A



Standing on the sidewalk along Jose Marti Blvd looking **eas**t toward Key West Police Department property at existing culvert area.



Photo of Area Csee Attachment C for additional information and photos



Broad view of Area B

Overhang area of Area B



Standing on N. Roosevelt Blvd looking toward the south at Jose Marti pond area.







Standing on the access driveway to the Key West Police Department property looking at GPS point #17 and end of conservation easement.

Below are two photos in the overhang area of Area B. Most of the branches in this area were tall, long, trunks that had, due to weight, fallen into the water. Proper cuts were made closer to the main trunk during the trimming.



Lampfun.

#### ATTACHMENT C





April 13, 2015 1 p.m. (Before crew erred and prior to parking lot ciean up)

Standing on the Jose Marti Blvd seawall looking east toward the conservation area (Police/Fire Station property).



April 13, 2015 3 p.m. (after parking lot clean up)



Standing on the Jose Marti Blvd seawall looking east toward the conservation area (Police/Fire Station property).



Conservation Area accidently cleaned out by crew-28 ft long



Photos taken from Key West Police Department parking lot





Area is a mixture of white and red mangroves. Following photos show impacted area from left to right.

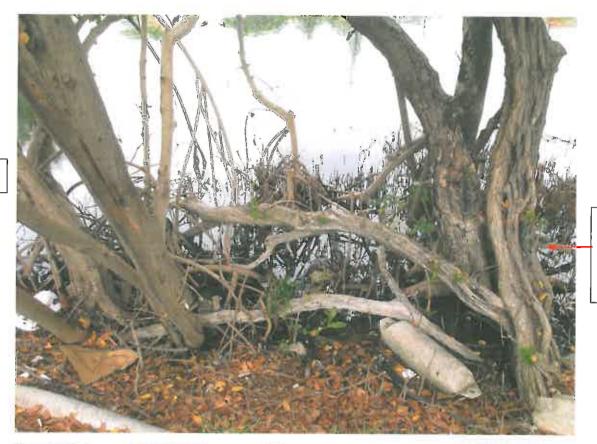


White and red mangrove clump



Photo 2

Photo 1



Buttonwoo d with dead black mangrove



Photo 4

Photo 3

Black mangrove



Photo 6

The City crew, while cleaning up the vegetative debris pile in the parking lot from the waterward trimming work, removed dead and decaying branches from this area. In the process, they also cut red mangrove prop roots and trimmed some lower branches off of existing trees. This is the only area along the entire Conservation Area that has been over trimmed/cleaned out. The area is approximately 28 feet wide by 12 ft.

SITE MAP: JOSE MARTI POND	
Plan/NTS KKD/June 2016	
JOSE MARTI DRIVE	
	P
	8
"POND"	
EXISTING CULVERT	

PARKING LOT (KW Police Station)

Approx. 28 ft wide

PARKING LOT (KW Police Station)

KEY

W: EXISTING WHITE MANGROVE

B:EXISTING BLACK MANGROVE

BU: EXISTING BUTTON WOOD

(WITH DEAD BLACK MANGROVE TREE)

R: EXISTING RED MANGROVE

KEY

: AREAS OF CUT MANGROVES (PRIMARILY AERIAL ROOTS)

X: WHITE MANGROVE (REMOVED)

# Jose Marti Conservation Easement



WINDOWS CHARGE AT			
Point#	Latitude	Longitude .	
17	24.55828	-81.787298	Top North east corner
18	24.55829	-81.787329	
19	24.558225	-81.787454	
20	24.558145	-81.787513	Pole submerged (OLD)
21	24.558104	-81.787549	
22	24.558029	-81.787549	
23	24.557947	-81.787589	
24	24.557895	-81.787590	
25	24.557832	-81.787586	
26	24.557778	-81.787577	
27	24.557749	-81.787551	
28	24.557709	-81.78753	
29	24.557603	-81.787494	
30	24.557508	-81.787504	
31	24.557397	-81.78744	
32	24.557326	-81.787385	
1	24.557314	-81.787333	Bottom South west corner