

STAFF REPORT

DATE: June 18, 2014

RE: Bill Butler Park-Galveston Lane (permit application #6819)

FROM: Karen DeMaria, Urban Forestry Manager,
City of Key West

An application was received for the removal of **(1) Avocado tree, (1) unidentified Citrus tree, and (1) Blolly tree**. A site inspection was done and documented the following:



1. Tree Species: Avocado (*Persea americana*)





Avocado

Citrus





Diameter: 11.5" (2 trunks)

Location: 50% (next to curbing and underground utilities)

Species: 100% (on protected tree list)

Condition: 60% (fair)

Total Average Value = 70%

Value x Diameter = **8 replacement caliper inches**

2. Tree Species: Unidentified Citrus-possibly sour orange (Citrus sp.)





Diameter: 3.5"

*Not regulated due to diameter-trees not on the protected tree list are regulated if over 4" diameter.

3. Tree Species: Blolly (*Guapira discolor*)







Diameter: 15"

Location: 50% (next to curbing and street, underground utilities)

Species: 100% (on protected tree list)

Condition: 80% (multi trunk, healthy)

Total Average Value = 76 %

Value x Diameter = **11 replacement caliper inches**

NOTE: The City of Key West must create a path in Bill Butler Park for ADA accessibility. The starting location on Galveston Lane is due to an existing pathway that runs from Elizabeth to Galveston lane.

The City did discuss transplanting the trees but due to underground utility cables, it is not feasible to transplant the trees.

Recommendations: Recommend approval of the removal of (1) Avocado tree and (1) Blolly tree located along the Galveston Lane portion of Bill Butler Park, to be replaced with 19 caliper inches of FL#1 native dicot or fruit trees at Bill Butler Park.



THE CITY OF KEY WEST

Post Office Box 1409 Key West, FL 33041-1409 (305) 809-3700

MEMORANDUM

Date: June 16, 2014
To: Karen DeMaria, Urban Forestry Manager
From: Karen Olson, Special Projects Designer
CC: David Fernandez, ACM
Jim Bouquet, Engineering Services Director
Subject: **Tree Removal Bill Butler Park**

The City has been working to improve conditions within Bill Butler Park over the past several months. Trees have been pruned, sidewalks repaired, playground equipment and fencing installed. In addition an ADA complaint access route to and through the park from Galveston Lane and Elizabeth Street access sidewalk will be installed.

During the planning of this route it was discovered that there were many obstacles including trees and communications equipment. It was decided that tree relocation was the only solution to providing the ADA access required. Karen DeMaria spoke with two Certified Arborists who stated the avocado and bolly trees were transplantable.

The City proceeded with design to include the relocation of these trees within the park. The Contractor was directed to provide pricing, within the construction cost estimate, for the relocation of the trees along with a thatch palm. A public meeting was held to present the plans and the City discussed the intent of tree relocation in lieu of removal.

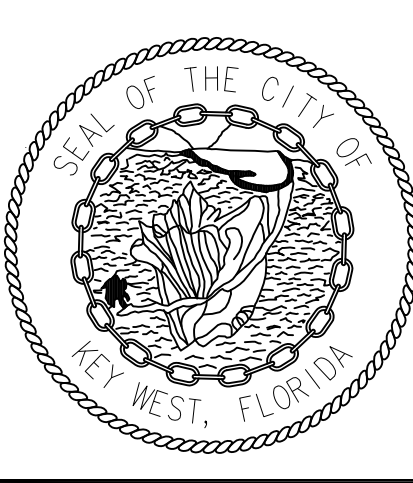
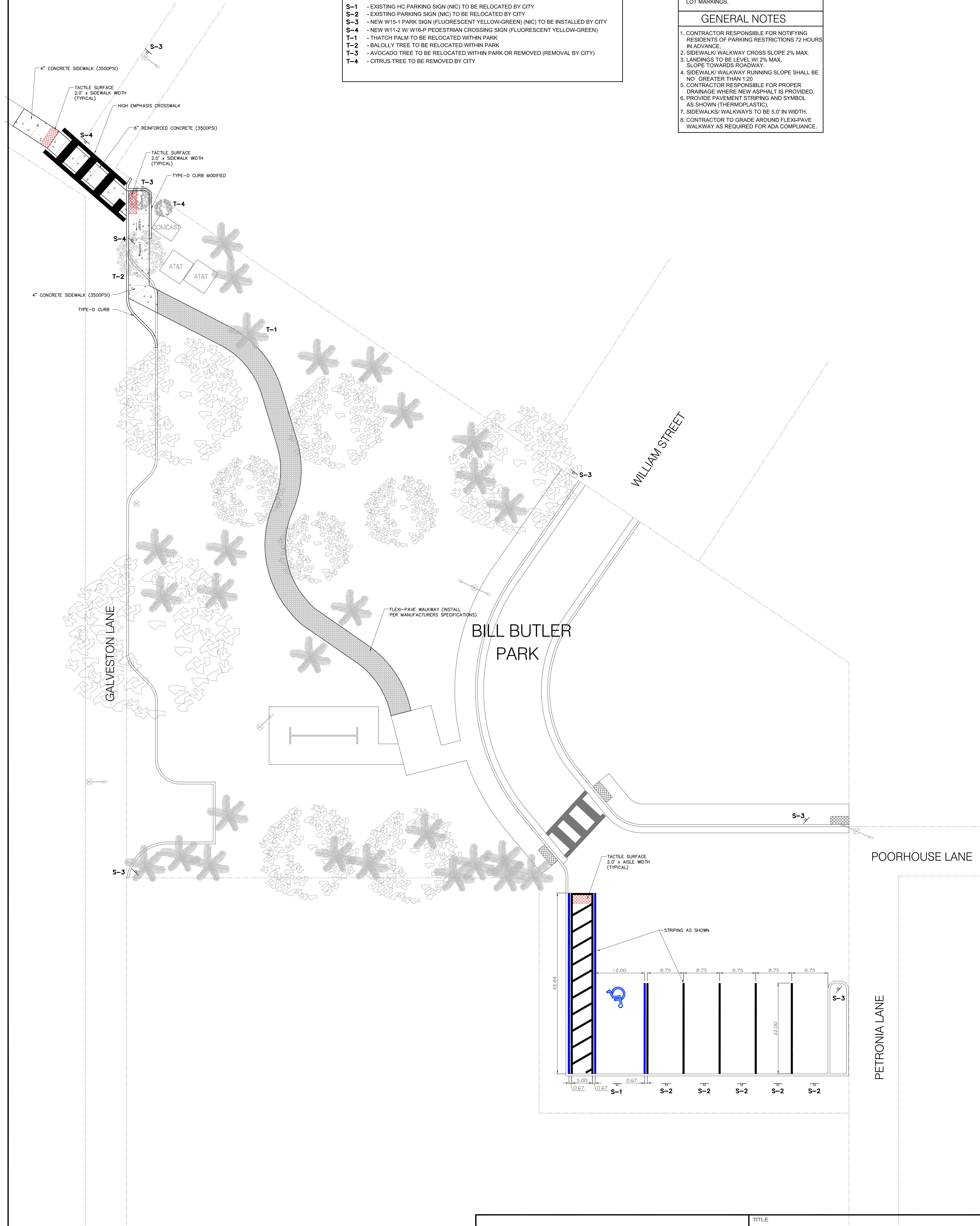
Once City Commission approval was obtained the Contractor was directed to contact a Certified Arborist to get a time frame for the transplantation process. The arborist evaluated the locations of the avocado and bolly trees and due to their proximity to underground utilities, curbing and roadway recommended removal of the trees. The Contractor was then instructed to get an opinion from a second arborist whose evaluation and recommendation were the same.

The City is required, by federal code, to provide this access through the park. It is unfortunate that it will require the removal of these two trees. Another tree, a citrus tree, will also be removed but due to its location and condition was never considered for transplantation. The thatch palm will be transplanted within the park.

DEMOLITION NOTES
1. SAWCUT AND REMOVE ASPHALT AS REQUIRED TO FORM FACE OF CURB AND SIDEWALK.
2. REMOVE FENCE POST AND ROPING AS REQUIRED FOR NEW SIDEWALK. CITY TO REINSTALL.
3. CONTRACTOR TO GRIND OUT EXISTING PARKING LOT MARKINGS.

GENERAL NOTES
1. CONTRACTOR RESPONSIBLE FOR NOTIFYING RESIDENTS OF PARKING RESTRICTIONS 72 HOURS IN ADVANCE.
2. SIDEWALK/ WALKWAY CROSS SLOPE 2% MAX.
3. LANDINGS TO BE LEVEL W/ 2% MAX. SLOPE TOWARDS ROADWAY.
4. SIDEWALK/ WALKWAY RUNNING SLOPE SHALL BE NO GREATER THAN 1:20
5. CONTRACTOR RESPONSIBLE FOR PROPER DRAINAGE WHERE NEW ASPHALT IS PROVIDED.
6. PROVIDE PAVEMENT STRIPING AND SYMBOL AS SHOWN (THERMOPLASTIC).
7. SIDEWALKS/ WALKWAYS TO BE 5.0' IN WIDTH.
8. CONTRACTOR TO GRADE AROUND FLEXI-PAVE WALKWAY AS REQUIRED FOR ADA COMPLIANCE.

LEGEND	
S-1	- EXISTING HC PARKING SIGN (NIC) TO BE RELOCATED BY CITY
S-2	- EXISTING PARKING SIGN (NIC) TO BE RELOCATED BY CITY
S-3	- NEW W15-1 PARK SIGN (FLUORESCENT YELLOW-GREEN) (NIC) TO BE INSTALLED BY CITY
S-4	- NEW W11-2 W/ W16-P PEDESTRIAN CROSSING SIGN (FLUORESCENT YELLOW-GREEN)
T-1	- THATCH PALM TO BE RELOCATED WITHIN PARK
T-2	- BALOLLY TREE TO BE RELOCATED WITHIN PARK
T-3	- AVOCADO TREE TO BE RELOCATED WITHIN PARK OR REMOVED (REMOVAL BY CITY)
T-4	- CITRUS TREE TO BE REMOVED BY CITY



City of
Key West
Engineering Services
3140 Flager Avenue
Key West, FL 33040

TITLE BILL BUTLER PARK IMPROVEMENTS		
DESIGN KMO	PROPOSED SITE LAYOUT	PROJECT No.
DRAWN KMO		DWG. No.
CHKD J. Bouquet	GENERAL SERVICES CONTRACT	DATE 5-8-14
SCALE NOTED		SHEET 1 of 1

Application



6819

Tree Permit Application

Date: 3-14-14

Please Clearly Print All Information unless indicated otherwise.

Tree Address balveston lane - Bill Butler Park
 Cross/Corner Street next to Att boxes
 List Tree Name(s) and Quantity 1-citrus 1-avocado 1-bolly
 Species Type(s) check all that apply () Palm () Flowering () Fruit () Shade () Unsure
 Reason(s) for Application:

☒ REMOVE () Tree Health () Safety ☒ Other/Explain below
 () TRANSPLANT () New Location () Same Property () Other/Explain below
 () HEAVY MAINTENANCE () Branch Removal () Crown Cleaning/Thinning () Crown Reduction

Additional Information and Explanation ADA access from Elizabeth st path into Bill Butler Park.

Property Owner Name City of Key West
 Property Owner eMail Address _____
 Property Owner Mailing Address PO Box 1409
 Property Owner Mailing City Key West State FL Zip 33041
 Property Owner Phone Number () _____
 Property Owner Signature EDZ

Representative Name Karen Olson / Karen DeManica
 Representative eMail Address _____
 Representative Mailing Address _____
 Representative Mailing City _____ State _____ Zip _____
 Representative Phone Number () _____

NOTE: A Tree Representation Authorization form must accompany this application if someone other than the owner will be representing the owner at a Tree Commission meeting or picking up an issued Tree Permit.

Tree Representation Authorization form attached ()

<<<<< Sketch location of tree in this area including cross/corner Street >>>>>

Please identify tree(s) with colored tape

B: bolly = total 3'11" circ
 multitrunked - healthy
 C: citrus = 11" circ
 A: avocado? = 2 trunks 1'6" + 1'6" circ
 path
 House
 House
 Houses →
 House
 Att boxes
 Park

If this process requires blocking of a City right-of-way, a separate ROW Permit is required. Please contact 305-809-3740.



Blooly

avocado

citrus



avocado?

citrus

bloody





Karen DeMaria <kdemaria@keywestcity.com>

Fwd: Bill Butler Park Trees

Karen Olson <kolson@keywestcity.com>
To: Karen DeMaria <kdemaria@keywestcity.com>

Fri, Jun 13, 2014 at 9:04 AM

Karen -

My contractor has had two opinions that the Avocado and Ballolly tree should be removed and not transplanted. I have discussed with David Fernandez and his direction is to change the permit to removal. Please let me know if you have any questions.

Thanks

----- Forwarded message -----

From: **Paul R Waters** <dnhigginskeywest@aol.com>
Date: Thu, Jun 12, 2014 at 5:34 PM
Subject: Bill Butler Park Trees
To: kolson@keywestcity.com
Cc: otism@dnhiggins.com

Karen

We had two different Arborist look at the transplanting of (3) trees in Bill Butler Park identified on the plans as T-1, T-2 and T-3. Both Arborist stated the same thing it would take 6 to 8 week maybe more for root pruning and pre transplant (shock time). They both had concern about the electric under ground conduit in the area of T-2 and T-3 if they could do a proper pruning job. Neither Arborist would guarantee the trees would live if they were transplanted, they both recommended removal and planting of another tree in there place.

Paul R Waters
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