



TOWN OF PALM BEACH

Town Manager's Office

PUBLIC WORKS COMMITTEE MEETING

TOWN HALL
COUNCIL CHAMBERS – SECOND FLOOR
360 SOUTH COUNTY ROAD

AGENDA
FRIDAY, DECEMBER 21, 2018
9:00 A.M.

WELCOME!

I. CALL TO ORDER AND ROLL CALL

Bobbie Lindsay, Committee Chair
Margaret A. Zeidman, Committee Member

II. PLEDGE OF ALLEGIANCE

III. APPROVAL OF AGENDA

IV. COMMUNICATIONS FROM CITIZENS

V. FICUS INVENTORY AND REPLACEMENT SCHEDULE

VI. GREEN INITIATIVE PROGRAM

- Town-Wide Planting Survey
- Identification of Organic Alternatives
- Bid Documents
- Inspections and Education

VII. NON-TOXIC NEIGHBORHOODS, LLC

VIII. ENGINEERING PROJECT UPDATES AND SUMMER 2019 ANTICIPATED WORK

IX. TOPICS FOR FUTURE MEETINGS (Already Approved by Town Council)

- Fertilizer Ordinance Review
- Town-wide Paving Program

X. ANY OTHER MATTERS

XI. ADJOURNMENT

PLEASE TAKE NOTE:

The progress of this meeting may be monitored by visiting the Town's website (www.townofpalmbeach.com) and clicking on "Meeting Audio" in the left column. If you have questions regarding that feature, please contact the Office of Information Systems (561) 227-6315. The audio recording of the meeting will appear within 24 hours after the conclusion of the meeting.

Disabled persons who need an accommodation in order to participate in the Public Works Committee Meeting are requested to contact the Town Manager's Office at 838-5410 or through the Florida Relay Service by dialing 1-800-955-8770 for voice callers or 1-800-955-8771 for TDD callers, at least two (2) working days before this meeting.

TOWN OF PALM BEACH

Information for Public Works Committee Meeting: December 21, 2018

TO: Public Works Committee

VIA: Kirk W. Blouin, Town Manager

FROM: H. Paul Brazil, P.E., Director of Public Works

RE: Ficus Inventory and Replacement Schedule

DATE: December 19, 2018

STAFF RECOMMENDATION

Please see the attached ficus hedge inventory and replacement list and provide any additional input deemed necessary.

GENERAL INFORMATION

Town staff has completed an inventory of ficus hedges on all Town owned properties including total footage at each location. Also included in the attachment is the proposed list of native plant hedge materials that will be considered as replacements for the ficus.

Staff will separately evaluate each location and determine which native plant will provide the same effect as the hedge it is replacing. In some locations, a shorter hedge is acceptable (screening for backflows and irrigation valves) while in other areas a taller hedge is required to provide screening for entire buildings.

In an effort to provide an estimated cost for removal and replacement, staff used a labor rate of \$100 per linear foot and an average price of \$95 per plant to gain the cost average estimate. The actual cost of labor, and plant material will vary due to location, size, and amount of material ordered. These unit rates will be refined as the program progresses.

Staff will continuously review, modify, and update the list to include replacement totals and species type in an effort to avoid establishing a mono-culture of hedge materials and to promote species diversity.

Attachment

cc: Jay Boodheshwar, Deputy Town Manager
Brett E. Madison, Facility Maintenance Division Manager
John Lawrence, Grounds Supervisor

FICUS REPLACEMENT PROGRAM

LOCATION	SPECIES	LINEAR FT	POTENTIAL REPLACEMENT MATERIAL	ESTIMATED COST	PRIORITY (1 to 5)	REPLACEMENT YEAR
Australian Dock	Ficus	394		\$77,224		
Phipps Ocean / Little Red School House	Ficus	250		\$49,000		
Phipps Ocean North Lot	Ficus	274		\$53,704		
Phipps Ocean South Lot	Ficus	268		\$52,528		
D9 Mediterranean	Ficus	235		\$46,060		
Peruvian Parking Lot	Ficus	224		\$43,904		
D10 Via Marila	Ficus	186		\$36,456		
South Fire	Ficus	180		\$35,280		
D8 Country Club	Ficus	154		\$30,184		
Australian Parking Lot	Ficus	130		\$25,480		
Peruvian Dock	Ficus	115		\$22,540		
Palmo Way	Ficus	83		\$16,268		
North Fire	Ficus	79		\$15,484		
Brazilian Dock	Ficus	71		\$13,916		
Police	Ficus	45		\$8,820		
Central Fire	Ficus	38		\$7,448		
A42	Ficus	35		\$6,860		
Inlet Park		30	Seagrape	\$5,880	0	2018
Phipps Ocean South Restroom	Ficus	15		\$2,940		
Boyd Park	Ficus	0		\$0		
A43		0		\$0		
Country Club/Wells		0		\$0		
Lakeside Park / Docks		0		\$0		
Public Works	Ficus	0		\$0	0	
Phipps Plaza		0		\$0		
Wrightsmen North		0		\$0		
Wrightsmen South		0		\$0		
D4 Phipps Estate		0		\$0		
Ibis Isle Park		0		\$0		
Park Avenue North		0	Cocoplum	\$0	0	2018
Park Avenue South		0		\$0		
Dean Park		0		\$0		
D14 Four Arts		0		\$0		
A7		0		\$0		
Phipps West		0		\$0		
Phipps Tennis	Ficus	0		\$0		
Par 3		0		\$0		
Recreation		0		\$0		
Mid-Town		0		\$0		
Memorial Fountain		0		\$0		
Traffic Circle		0		\$0		
Peruvian Park		0		\$0		
Southern Causeway		0		\$0		
Worth Ave		0		\$0		
Royal Palm		0		\$0		
Bradley Park		0		\$0		

POTENTIAL NATIVE HEDGE MATERIAL

Total Cost \$549,976.00

- | | |
|--------------|---------------------|
| 1 Autograph | 4 Jamaican Caper |
| 2 Buttonwood | 5 Marlberry |
| 3 Cocoplum | 6 Simpson's Stopper |

TOWN OF PALM BEACH

Information for Public Works Committee Meeting: December 21, 2018

TO: Public Works Committee

VIA: Kirk W. Blouin, Town Manager

FROM: H. Paul Brazil, P.E., Director of Public Works

RE: Green Initiative Program

DATE: December 17, 2018

STAFF RECOMMENDATION

Town staff seeks input on the “Green Initiative” proposal for Town owned green spaces, rights-of-way and park areas.

GENERAL INFORMATION

Since the request to identify our current methods for chemical control of pests, weeds, and fertilization of our green areas, we have divided our efforts into four (4) different categories. The overall title is “The Green Initiative”. The following is a general breakdown of our goals/projects.

1. Town-Wide Planting Survey

- a. Identify plants and hedges in each Town-owned area to establish a priority replacement schedule.
- b. Remove chemical dependent plants [ficus benjamina, etc.] as soon as feasible.
- c. Identify plants and trees that require little to no chemical control for possible installation in other areas.
- d. Identify corrective measures that help maintain the condition of the trees or plants [mulch, larger tree rings, etc.].
- e. Identify “Native” plants and possible uses [hedges, screening, trees, etc.] and install “Native” plant materials in locations where they can be viewed by the public.
- f. Create complete areas where no chemical maintenance is required.

2. Identification of Organic Alternatives

- a. Staff and the Town arborist are interviewing vendors and contractors for organic alternatives.
- b. Staff will work with the Purchasing Department to procure the alternatives.
- c. Staff will identify test areas and gauge effectiveness.
- d. Eventual Town-wide implementation.

3. Bid Documents

- a. Staff will begin assembling new bid documents with an emphasis on non-chemical control of weeds and pests.
- b. New bids will specify organic controls where available.

4. Inspections and Education

- a. Staff and the Town arborist will inspect sites for out-breaks of pests or turf related issues.
- b. Staff will continue meeting with the Garden Club and vendors to discuss the latest Best Management Practices [BMP].
- c. Staff will continue to host the annual Garden Club tree tour and identify successes and challenges.

Staff will continuously review and modify this list of projects and goals as new products or BMP methods are available.

cc: Jay Boodheshwar, Deputy Town Manager
Brett E. Madison, Facility Maintenance Division Manager
John Lawrence, Grounds Supervisor

TOWN OF PALM BEACH

Information for Public Works Committee Meeting: December 21, 2018

TO: Public Works Committee

VIA: Kirk W. Blouin, Town Manager

FROM: H. Paul Brazil, P.E., Director of Public Works

RE: Non-Toxic Neighborhoods, LLC

DATE: December 18, 2018

STAFF RECOMMENDATION

Town staff requests that the Committee members review the information below and provide any direction deemed necessary.

GENERAL INFORMATION

On December 10, 2018, Town staff, Bobbie Lindsay, Public Works Committee Chair Person, Karen Marcus, President, Sustainable Palm Beach County, and resident Susanne Durst met with a small group from southern California who are actively involved in helping cities in the U.S. eliminate toxic chemicals on their property.

Kim Konte, founding member of Non Toxic Neighborhoods LLC, with whom we met with, shared information and available training on how to organically treat and maintain parks and sport fields. Mrs. Konte also provided the Town with materials and their website which contains more information and a “tool kit” on how they began chemical free treatment.

The Town of Palm Beach has already begun the utilization of a certified “green” herbicide and are currently in the process of planting Florida native plants. In addition, Town staff has recently met with local, non-toxic fertilizer, pesticide, herbicide, and soil amendment suppliers to continue the push for a healthier and safer alternative to conventional horticulture practices. Town staff will continue to review provided materials, as well as others, to establish a focused, long-term green solution for the Town of Palm Beach.

cc: Jay Boodheshwar, Deputy Town Manager
Paul Brazil, P.E., Director of Public Works
Brett E. Madison, Facility Maintenance Division Manager
John Lawrence, Grounds Supervisor

TOWN OF PALM BEACH

Information for Public Works Committee Meeting: December 21, 2018

TO: Public Works Committee

VIA: Kirk W. Blouin, Town Manager

FROM: H. Paul Brazil, P.E., Director of Public Works

RE: Engineering Project Updates and Summer 2019 Anticipated Work

DATE: December 17, 2018

STAFF RECOMMENDATION

Town staff will make a presentation providing an update of the 2018 and 2019 construction projects.

GENERAL INFORMATION

Below is a list of completed and ongoing construction projects within the Town of Palm Beach. Staff will present an overall summary of the status of these projects.

Completed Town Construction Projects for 2018

- Annie's Dock
- Lake Trail Access Paths
- D-4 Pump Station Outfall
- Mid-Town Bathrooms and Lifeguard Building
- Royal Palm Way Irrigation
- Bradley Place Mast Arms – Work Suspended for Season
- Clarke Ave Mast Arms - Work Suspended for Season
- G-1 Sanitary Pump Station – Pine Walk east of Cocoanut Row
- Phipps Ocean Park - North Bathrooms
- Bradley Park Turf Block Driveway and A-5 Pumpstation Bypass Relocation
- Whitehall Drainage Improvements

Ongoing Town Construction Projects into 2019

- A-41 Pump Station – interior pumpstation electrical improvements
- D-14 Pump Station – punch list items and project closeout
- Town Docks – Data exploration and design development
- Seaview Park and Recreation Center Improvements

Staff has evaluated proposed construction projects for the summer of 2019 and, due to escalating construction cost, staff recommends limiting the number of projects for construction. For example, staff recommends not moving forward with construction of Mast Arms at Seabreeze Avenue and Pendleton Avenue due to the cost of the bids received. Staff has also re-evaluated engineer's estimates of probable cost on the designs completed this summer for the remaining pump station maintenance and repairs recommended in the 2016 Wastewater Pump Station Condition Assessment Report prepared by Mock Roos. Based on recent comparable bids throughout South Florida, we recommend only moving forward with the stations that are failing and in immediate need of repair. Below is a list of recommended construction projects for the summer of 2019. Staff will present the recommended projects.

2019 Proposed Construction Projects

- Onondaga North – Paving – (Pay Go)
- North Fire Station Roof and Windows (Pay Go)
- E-1 Sanitary Pump Station – Mediterranean Road and North Lake Way (ACIP)
- E-2 Sanitary Pump Station – North Lake Way between Mockingbird Trail and Nightingale Trail (ACIP)
- E-3 Sanitary Pumpstation Improvements (ACIP)
- E-4 Sanitary Pumpstation Improvements (ACIP)
- G-9 Sanitary Pumpstation Improvements (ACIP)
- Worth Avenue (400 block) Drainage and Watermain (ACIP and CWPB)
- Shared FM Aerial Crossing Improvements – Mangonia Park (ACIP and CWPB)
- Gulfstream Road Beach Access Stairs

cc: Jay Boodheshwar, Deputy Town Manager
Jane Le Clainche, Director of Finance
Eric B. Brown, P.E., Assistant Director of Public Works
Patricia Strayer, P.E., Town Engineer