



Town of Lake Park, Florida

Tree Board Meetingg Agenda

Tuesday, December 13, 2022 at 6:00 PM

Town Hall Commission Chamber, 535 Park Avenue, Lake Park, FL 33403

| | | |
|-------------------------------|---|---------------------|
| Brady Drew | — | Chair |
| Pamela Frazier | — | Vice-Chair |
| Shana Phelan | — | Board Member |
| Gillian Kennedy Wright | — | Board Member |

PLEASE TAKE NOTICE AND BE ADVISED, that if any interested person desires to appeal any decision of the Tree Board, with respect to any matter considered at this meeting, such interested person will need a record of the proceedings, and for such purpose, may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based. Persons with disabilities requiring accommodations in order to participate in the meeting should contact the Town Clerk's office by calling 881-3311 at least 48 hours in advance to request accommodations.

CALL TO ORDER/ROLL CALL

PLEDGE OF ALLEGIANCE

PRESENTATIONS: NONE

CONSENT AGENDA:

- [1.](#) October 11, 2022 Tree Board Meeting

NEW BUSINESS:

- [2.](#) 2023 Meeting Schedule

PUBLIC COMMENT:

This time is provided for addressing items that do not appear on the Agenda. Please complete a comment card and provide it to the Agency Clerk so speakers may be announced. Please remember comments are limited to a TOTAL of three minutes.

BOARD MEMBER COMMENTS:

STAFF MEMBER COMMENTS:

ADJOURNMENT:

FUTURE MEETING DATE: The next scheduled Tree Board Meeting will be conducted on January 10, 2023

Exhibit "A"

This agenda item is a follow up to the presentation made by the Department of Public Works to the Town of Lake Park Tree Board on July 12, 2022, regarding the Stormwater Utility infrastructure and the impacts of swale plantings on effective stormwater runoff management and other related topics.

During the presentation, the Board asked several questions, which were addressed by department staff, except as follows (Also see **Attachment 2**):

1. Board Member Wright asked whether trees removed from the swales could be sold to nurseries.

Answer: The department has investigated this option and determined that selling trees to a private party may pose certain liabilities to the Town and may require significant coordination and effort to identify potential buyers. This option should be studied further. A legal opinion from the Town Attorney will be requested at a later time.

2. Board Member Wright asked whether a different type of sod could be used in the swales (other than the Bahia type).

Answer: The department has investigated this option and while other sod options are available, Bahia sod provides the Town and private property owners with the best value due to its hardiness, drought resistance, and ease of maintenance.

3. Board Member Wright asked whether pebbles could be used in the swales in place of sod.

Answer: The department has investigated this option and determined that pebbles are not a cost-effective ground cover option for the Town. Additionally, the use of pebble rock in the swales will result in higher procurement and maintenance costs for the Town and private property owners, while not significantly improving water-filtering and water-conveyance efficiencies for the stormwater system.

Furthermore, based on comments and feedback provided by the Board to the department, two (2) major areas of concern remained to be addressed following the Tree Board meeting of July 12, 2022:

- **Proposed Native Tree Planting List:** The Tree Board requested to investigate additional planting options that could be included in the Town's Approved Native Tree and Plantings List. To address this concern, the department met on two occasions with Town stormwater engineers and landscape architects to review options and subsequently received a substantially more inclusive list. The department is seeking feedback from the Board regarding the revised native tree planting list included on this agenda item as **Attachment 1**, which was developed in accordance with the University of Florida's Institute of Food and Agricultural Sciences (IFAS) Florida Friendly Plant Guide.
- **Proposed Recommendations to Address Existing Plantings in the Swale and Improve Water Conveyance in the Swales:** The Tree Board also expressed concerns regarding the potential gradual removal of established/matured tree plantings in the swales to allow for effective re-grading of the swale, and to be followed by the planting of native, undersized trees from an approved list. In order to address these concerns, the department met on two

occasions with stormwater engineers and landscape architects and as well as with the Town Manager to discuss potential policy changes that could be proposed to the Town Commission to maximize the preservation of most of the existing tree plantings while improving water conveyance in the swales and enhancing operation of the stormwater utility.

Following these meetings, the previously proposed tasks and policy recommendations have been revised to achieve a sustainable balance, as indicated below in **Recommendations b, c, and d**:

| RECOMMENDATION | PREVIOUS LANGUAGE | REVISED LANGUAGE |
|----------------|---|---|
| a. | Complete an exhaustive swale plantings inventory | No changes to proposed recommendation/task. |
| b. | Grandfather native swale tree plantings <u>only</u> . | <p>In coordination with the Tree Board, recommend that the Town Commission establishes policy that would prioritize grandfathering of native and non-invasive tree, except in cases where one or more of the following criteria applies:</p> <ul style="list-style-type: none"> ▪ Tree planting has been determined to be in unresolvable conflict with the scope of an approved Town capital improvement project. All options (i.e.: relocating trees onto private property) should be exhausted to save the tree planting ▪ Tree planting has been deemed to be unviable by a certified arborist working on behalf of the Town ▪ Tree planting represents a public safety hazard (unstable, encroaching into traffic line-of-sight or utility clearance requirements), or has caused or is likely to cause damage to Town-owned or privately-owned property. ▪ Tree planting is listed on the invasive species list ▪ Upon proper notice about tree plantings permitting requirements, the owner of a property abutting the swale planting does not obtain a permit within the allowable time period or is denied such permit. |

| | | |
|----|---|--|
| | | |
| c. | Remove non-native tree plantings during each swale's scheduled maintenance interval, which is typically 36 months or 3 years (suggested at Town's expense). | This language will be revised to be consistent with revised language in Recommendation (b). Swale maintenance and re-grading will only be performed in swales that unplanted or become temporarily free of tree plantings. |
| d. | Plant native tree of property owner's choice (suggested at Town's expense) | This language will be revised to be consistent with revised language in Recommendation (b). Additionally, incentives (i.e.: vouchers, giveaways, etc.) will be developed in coordination with the Tree Board to encourage the permitting and planting of native trees. |
| e. | Develop native planting brochure; post to Town website and social media (Attachment 6) | No changes to proposed recommendation/task. |
| f. | Conduct public meetings on swale plantings | No changes to proposed recommendation/task. |
| g. | Conduct marketing campaigns on swale plantings | No changes to proposed recommendation/task. |
| h. | Manage tree giveaways and similar initiatives to ensure adherence with applicable Ordinance | No changes to proposed recommendation/task. |

The above recommendations appear in order of priority and proposed to be completed or implemented starting in Calendar Year 2023 and beyond, as budget allows.

Memo

To: Roberto Traviesio, MPA
Director of Public Works, Town of Lake Park

From: Hays Henderson, PLA

Date: 8/25/2022

Re: Town of Lake Park Swale Plant List

The attached information is intended as a guideline for discussion to outline a broad selection of trees for the road right of way swale planting areas within the Town of Lake Park. The plants are selected to provide for a range of native trees and palms that are generally accepted as adapted to the soils, temperatures and rainfall patterns typically found within the city limits of the Town of Lake Park.

However, it is understood that vegetation being designated as a native plant does not also imply that a specific native tree or palm is adapted to all soil types and hydrological conditions found in South Florida. The built environment typically adjacent to a roadway area may have had the native topsoil removed or water flow patterns changed during development that could affect the health and vitality of the selected vegetation. Also, a common denominator is that the locations under consideration are roadway swale areas which are intended as water conveyance structures. For these reasons, the specific site conditions where the native vegetation is planted should be a primary consideration for the selection criteria.

Further, with vegetation being adjacent to a vehicular thoroughfare consideration must be given to the location that allows for clear lines of sight from and to the vehicle, adequate recovery room for vehicles that may stray from the travel lane, and safe passage for a variety of pedestrian users.

The authority used in preparation of the attached list is Native Trees for South Florida, Doc EES-57 by the Department of Environmental Horticulture, Florida Energy Extension Service, UF/IFAS Extension. Reviewed April 2020. <https://edis.ifas.ufl.edu>

The attached list has been edited to remove trees that are noted as problem trees, weak branching, messy fruit litter or produce thorns.

Town of Lake Park Right of Way Plant List

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| Scientific Name | Common Name | Natural Height (in feet) | Growth Rate | Soil pH | Hardiness Zone* | Salt Tolerance | Light Requirement | Drought Tolerance | Nutritional Requirement |
|------------------------------------|--------------------------------|--------------------------|-------------|-----------------|-----------------|----------------|-------------------|-------------------|-------------------------|
| Acer rubrum | Red maple | 35-50 | Fast | Wide | C,N,ST | Low | High | Low | Low |
| Acoelorrhaphe wrightii | Paurotis palm, everglades palm | 15-25 | Slow | Acid to Neutral | C,ST,T | Med um | Medium, High | Medium | Medium to High |
| Bourreria succulenta var. revoluta | Strongbark | 20 | Medium | Wide | ST,T | Medium | High | High | Low |
| Bursera simaruba | Gumbo limbo, tourist tree | 40-60 | Medium | Wide | ST,T | Medium | High | High | Low |
| Chrysophyllum oliviforme | Satin leaf | 30-40 | Slow | Wide | ST,T | Medium | High | High | Low |
| Citharexylum fruticosum | Fiddlewood | 25-30 | Slow | Wide | C,ST,T | Medium | High | High | Low |
| Clusia rosea | Pitch apple, Autograph tree | 25-30 | Slow | Wide | T | High | High | High | Low |
| Coccoloba diversifolia | Pigeon plum | 25-30 | Slow | Wide | ST,T | High | High | High | Low |
| Coccoloba uvifera | Sea grape | 15-30 | Medium | Wide | ST,T | High | High | High | Low |
| Coccothrinax argentata | Silver palm | 10-20 | Slow | Wide | ST,T | High | Medium, High | High | Low |
| Conocarpus erectus | Buttonwood | 30-50 | Medium | Wide | ST,T | High | High | High | Low |
| Cordia sebestena | Geiger tree | 20-25 | Medium | Wide | T | High | High | High | Low |
| Dipholis salicifolia | Willow-leaved bustic | 30-50 | Medium | Wide | ST,T | Low | High | Medium | Low |
| Eugenia spp. | Stoppers | 15-20 | Slow | Wide | ST,T | High | Medium, High | High | Low |
| Guapira discolor | Blolly | 35-50 | Medium | Wide | ST,T | Medium | High | High | Low |
| Gymnanthes lucida | Crabwood | 15-30 | Slow | Wide | ST,T | Medium | High | High | Low |
| Hype/ate trifoliata | White ironwood | 30-40 | Slow | Wide | ST,T | High | High | High | Low |
| Ilex cassine | Dahoon holly | 25-40 | Medium | Acid | C,N,ST | Medium | High | Medium | Low |
| Ilex krugiana | Tawnyberry holly | 25-40 | Medium | Wide | T | High | Medium | Medium | Medium |
| Ilex vomitoria | Yaupon holly | 20-25 | Medium | Wide | C,,NST | High | Medium, high | High | Low |
| Juniperus silicicola | Southern juniper | 25-30 | Medium | Wide | C,N,ST | High | High | | Low |
| Krugiodendron ferreum | Black ironwood | 20-30 | Slow | Wide | ST,T | Medium | High | High | Low |
| Leucothrinax morrisii | Key thatch palm | 15-30 | Slow | Wide | ST,T | High | Medium, High | High | Low |
| Magnolia grandiflora | Southern magnolia | 60-100 | Medium | Acid | C,N,ST | High | High | High | Low |
| Magnolia virginiana | Sweetbay | 40-60 | Medium | Acid | C,N,STT | Low | High | Low | Low |
| Myrcianthes fragrans | Simpson's stopper, twinberry | 20-30 | Medium | Wide | ST,T | High | Medium, high | High | Low |
| Persea borbonia | Red bay | 50-60 | Medium | Wide | C,N,ST,T | Medium | High | High | Low |
| Pinus clausa | Sand pine | 60-80 | Slow | Wide | C,N,ST | High | High | High | Low |

*C=Central; ST=Subtropical; T=Tropical; N=North

Town of Lake Park Right of Way Plant List

Page 2

| Scientific Name | Common Name | Natural Height (in feet) | Growth Rate | Soil pH | Hardiness Zone* | Salt Tolerance | Light Requirement | Drought Tolerance | Nutritional Requirement |
|--|-------------------------------------|--------------------------|-------------|----------|-----------------|----------------|-------------------|-------------------|-------------------------|
| <i>Pinus elliottii</i> var. <i>densa</i> | South Florida slash | 80-100 | Fast | Wide | C,ST,T | Medium | High | High | Low |
| <i>Piscidia piscipula</i> | Jamaican dogwood , fish-poison tree | 35-50 | Fast | Wide | T | High | High | High | Low |
| <i>Prunus myrtifolia</i> | West Indi an cherry | 15-40 | Medium | Wide | T | Low | High | Me di um | Medium |
| <i>Psuedophoenix sargentii</i> | Buccaneer palm , cherry palm | 10-15 | Slow | Wide | ST | High | Medium, high | High | Medium |
| <i>Quercus laurifolia</i> | Laurel oak | 60-100 | Fast | Wide | C,N,ST | Low | High | High | Low |
| <i>Quercus virginiana</i> | Live oak | 50-80 | Medium | Wide | C,N,ST | High | High | High | Low |
| <i>Roystonea regia</i> | Royal palm | 60-125 | Medium | Wide | ST,T | Medium | High | Medium | Medium to High |
| <i>Sabal palmetto</i> | Cabbage palm | 45-70 | Slow | Wide | C,N,ST,T | High | High | High | Medium to High |
| <i>Sapindus saponaria</i> | Soapberry | 35-45 | Medium | Wide | C,ST,T | High | High | High | Low |
| <i>Schaefferia frutescens</i> | Florida boxwood | 20-40 | Slow | Alkaline | T | Medium | Medium | Medium | Medium |
| <i>Simarouba glauca</i> | Paradise tree | 35-50 | Slow | Wide | T | Medium | High | High | Medium |
| <i>Swietenia mahogani</i> | Mahogany | 35-60 | Fast | Wide | ST,T | High | High | High | Low |
| <i>Taxodium ascendens</i> | Pond cypress | 60-100 | Medium | Wide | C,N,ST | Medium | High | High | Low |
| <i>Taxodium distichum</i> | Bald cypress | 60-100 | Medium | Wide | C,N,ST | Medium | High | High | Low |
| <i>Tecoma stans</i> | Yellow Elder | 10-20 | Fast | Wide | ST,T | Medium | High | High | Medium |

*C=Central; ST=Subtropical;
T=Tropical; N=North



Minutes
Town of Lake Park, Florida
Tree Board Meeting
Tuesday, October 11, 2022, 6:00 PM
Town Hall Commission Chamber,
535 Park Avenue, Lake Park, Florida 33403

The Tree Board met for the purpose of a regular meeting on Tuesday, October 11, 2022 at 6:04 p.m. Present were Chair Brady Drew, Board Member Shana Phelan and Gillian Kennedy Wright. Board Members Pamela Frazier was absent. Town staff included Public Works Director Roberto Travieso and Town Consultant Hayes Henderson with JMorton, and Town Clerk Vivian Mendez.

Town Clerk Mendez performed the roll call and Chair Drew led the pledge of allegiance.

Consent Agenda

1. August 9, 2022 Tree Board Meeting Minutes.

Motion: Board Member Phelan moved to appoint the Consent Agenda; Board Member Wright seconded the motion.

Vote on Motion:

| Board Member | Aye | Nay | Other |
|----------------------|-----|-----|--------|
| Board Member Frazier | | | Absent |
| Board Member Phelan | X | | |
| Board Member Wright | X | | |
| Chair Drew | X | | |

Motion Passed 3-0

New Business:

2. Update on Ordinance 34-11, Regulations for Tree Plantings and Improvements in Swales and on Other Town-owned or Controlled Property or Right-of-ways, Related Enforcement, and Impacts on Effective Stormwater Management.

Public Works Director Travieso explained the item (see Exhibit "A"). Board Member Phelan asked if the inventory proposal has received approval. Public Works Director Travieso stated that it was an unbudgeted item. He stated that the Town does not have curb and gutters, so minimal plantings in the swales is ideal. Board Member Phelan reminded everyone of the discussion regarding plaques for the specimen trees, so residents could see what a specific trees looks like. She suggested that it remain a Town priority. Public Works Director Travieso stated that it was a great idea and would be included as part of the plan being developed by JMorton. Board Member Phelan asked if on the Town's website, there could be a reference to resource websites with information about native trees and plantings. Public Works Director Travieso felt that it would not provide direction to Town residents of what the Town has adopted as its preferred list. He would look to expand the Town's Stormwater page to include information to residents. Chair Drew asked if the current list would be replaced by the list JMorton was developing. Public Works Director Travieso explained that

they hope to finalize the list and present to the Commission at a future date. He stated that the goal was to promote consistency across the Code and the operations/maintenance aspects. Chair Drew asked if a resident would need to request a permit to install something other than sod on their lawns. Public Works Director Travieso stated that it was a Community Development Department question. However, whatever was installed would need to be consistent with the Town Code.

3. Preferred Plants List Provided by Chair Drew

The Board discussed the need to review the preferred plant list provided by Chair Drew. The Board decided to wait for JMorton to provide a list. The Board discussed their personal concerns with some of the plantings that were or were not on the list.

PUBLIC COMMENT:

None

BOARD MEMBER COMMENTS:

Vice-Chair Frazier was absent.

Board Member Phelan had no comments.

Board Member Wright had no comments.

Chair Drew asked if the Memorial Tree program was on an upcoming Commission agenda. Town Clerk Mendez stated that it was on an upcoming Commission agenda.

STAFF COMMENTS:

Town Clerk Mendez reminded the Board that the next meeting was scheduled for December 13, 2022. Board Member Phelan asked when the 2023 schedule would be provided. Town Clerk Mendez stated that it would be provided during the December meeting.

ADJOURNMENT

There being no further business to come before the Board, and by unanimous vote, the meeting adjourned at 6:55 p.m.

Chair Brady Drew

Town Seal

Town Clerk, Vivian Mendez, MMC

Approved on this _____ of _____, 2022



Town of Lake Park Town Tree Board

Agenda Request Form

Meeting Date: December 13, 2022

Agenda Item No.

Agenda Title: October 11, 2022 Tree Board Meeting Minutes.

☐ SPECIAL PRESENTATION/REPORTS ☒ **CONSENT AGENDA**
☐ BOARD APPOINTMENT ☐ OLD BUSINESS
☐ PUBLIC HEARING ORDINANCE ON _____ READING
☐ NEW BUSINESS
☐ OTHER: _____

Vivian Mendez, Town Clerk, _____

Name/Title

| | | |
|--|--|--|
| Originating Department: <p style="text-align: center;">Town Clerk's Office</p> | Costs: \$ 0.00 Funding Source: Acct. # <input type="checkbox"/> Finance _____ | Attachments: <p style="text-align: center;">Meeting Minutes Exhibit "A"</p> |
| Advertised: Date: _____ Paper: _____ <input checked="" type="checkbox"/> Not Required | All parties that have an interest in this agenda item must be notified of meeting date and time. The following box must be filled out to be on agenda. | Yes I have notified everyone _____ <p style="text-align: center;">OR</p> Not applicable in this case ____ Please initial one. |

Recommended Motion: I move to approve the October 11, 2022 Tree Board Meeting Minutes.

2023 Tree Board Meeting Dates
Town Hall Commission Chamber, 6:00 p.m.

January 10, 2023

February 14, 2023

March 14, 2023 Canceled – Municipal Election Day

April 11, 2023

May 9, 2023

June 13, 2023

July 11, 2023

August 8, 2023

September 12, 2023

October 10, 2023

November 14, 2023

December 12, 2023