Community Meeting
Tuesday, October 29th 6pm-7pm
Bay Breeze Subdivision Street Tree and Sidewalk Replacement Project
Meeting Agenda

Bay Breeze Subdivision Street Tree and Sidewalk Replacement Project

- **6:00 – 6:10pm** Welcome & Introductions
- **6:10-6:20pm** Project Overview
- **6:20- 6:30pm** Replacement Tree Options
- **6:30-6:45pm** Questions & Answers
- **6:45- 6:55pm** Select Preferred Tree(s)
- **6:55pm** Results
- **7:00pm** Meeting Adjourned
Project Overview
Project Overview

- **Community Meeting**
  - Inform Neighbors
  - Select Replacement Trees

- **Tree Removal**
  - Remove 59 Street Trees
  - Stump grind
  - Cap Irrigation

- **Sidewalk Repair**
  - Patch Damaged Sidewalk
  - Re-install Tree Grates

- **Tree Planting**
  - Replace Trees
  - Repair Irrigation
  - Notify Residents

- **Timeline**
  - 2019 October
  - 2019 Mid November to Early December
  - 2019 Early December to Mid January
  - 2020 Late January
Existing Conditions
Existing Conditions
54 out of 59 Tree Removals are London Plane Trees
## Tree Removals by Species / Location

<table>
<thead>
<tr>
<th>Tree Species</th>
<th>Location</th>
<th>Tree Removals</th>
</tr>
</thead>
<tbody>
<tr>
<td>London Plane</td>
<td>Kingfisher Dr.</td>
<td>47</td>
</tr>
<tr>
<td>London Plane</td>
<td>Egret Ln.</td>
<td>7</td>
</tr>
<tr>
<td>Purple-leaf Plum</td>
<td>Yarrow Ct.</td>
<td>1</td>
</tr>
<tr>
<td>Kwanzan Cherry</td>
<td>Heron Ct.</td>
<td>1</td>
</tr>
<tr>
<td>Gingko</td>
<td>Pelican Dr.</td>
<td>1</td>
</tr>
<tr>
<td>Liquidambar</td>
<td>Pelican Dr.</td>
<td>2</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>59</strong></td>
</tr>
</tbody>
</table>
Tree & Sidewalk Replacement Locations
Preventing Further Damage

Tree grate offset will get worse over time
Project Schedule
Bay Breeze Subdivision Street Tree and Sidewalk Replacement Project

- Nov 14 – Dec 6, 2019
  Tree Removals
  Stump Grinding

- Dec 9 – Jan 24, 2020
  Sidewalk Repairs
  Grate Re-installation

- Jan 20 – Jan 31, 2020
  Tree Planting
  Irrigation Repair
Please Be Aware...

- Off-street parking may be impacted momentarily; temporary no parking signs
- Contractor will only work during normal business hours M-F, 8-5; no holiday or weekend work
- Contractors will employ safe working practices
- Please remove plant material before Nov 14
- Irrigation Controls for trees are in your home
- If possible, shut off Irrigation for trees until Feb.

Parks Supervisor / Project Manager Contact:
Jose Rocha, 831-750-8783
# Project Budget

**Bay Breeze Subdivision Street Tree and Sidewalk Replacement Project**

- **$25,000**  
  Tree Removals

- **$40,000**  
  Stump Grinding

- **$35,000**  
  Sidewalk Repairs

  Grate Re-installation

  Tree Planting

  Irrigation Repair

= **$100,000 (Estimate)**
Replacement Tree Options
## Tree Replacement Species

<table>
<thead>
<tr>
<th>Tree Removed</th>
<th>Location</th>
<th>Replacement</th>
</tr>
</thead>
<tbody>
<tr>
<td>London Plane (47)</td>
<td>Kingfisher Dr.</td>
<td>TBD</td>
</tr>
<tr>
<td>London Plane (7)</td>
<td>Egret Ln.</td>
<td>TBD</td>
</tr>
<tr>
<td>Purple-leaf Plum (1)</td>
<td>Yarrow Ct.</td>
<td>Purple Leaf Plum</td>
</tr>
<tr>
<td>Kwanzan Cherry (1)</td>
<td>Heron Ct.</td>
<td>Kwanzan Cherry</td>
</tr>
<tr>
<td>Gingko (1)</td>
<td>Pelican Dr.</td>
<td>Gingko</td>
</tr>
<tr>
<td>Liquidambar (2)</td>
<td>Pelican Dr.</td>
<td>Ginkgo</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>59</strong></td>
</tr>
</tbody>
</table>
Deciduous Tree Replacement Options

Crape Myrtle – Lagerstroemia ‘Natchez’

Frontier Elm – Ulmus ‘Frontier’

25′-30′ (H) x 15′-20′ (W)

25-40′ (H) x 20′-35′ (W)
Evergreen Tree Replacement Options

Water Gum – Tristania laurina ‘Elegant’

Brisbane Box – Tristania conferta

20-30′ (H) x 15′-25′ (W)

25-35′ (H) x 15′-25′ (W)
**Deciduous or Evergreen?**

<table>
<thead>
<tr>
<th>Deciduous Tree Characteristics</th>
<th>Evergreen Tree Characteristics</th>
</tr>
</thead>
<tbody>
<tr>
<td>▪ Loses all of its leaves every winter (Lots of leaf fall once a year)</td>
<td>▪ Retains leaves all year (A little bit of leaf fall all year long)</td>
</tr>
<tr>
<td>▪ Moderate to fast growth rate</td>
<td>▪ Slow to moderate growth rate</td>
</tr>
<tr>
<td>▪ Showy Flowers and fall color</td>
<td>▪ Typically inconspicuous flowers, no fall color</td>
</tr>
<tr>
<td>▪ Typically more tolerant of poor soils</td>
<td>▪ Some species need well-draining soil</td>
</tr>
<tr>
<td>▪ Many species need mod-high water during growing season.</td>
<td>▪ Many species are drought tolerant and require no to very little water once established</td>
</tr>
</tbody>
</table>
Single Species or Multiple Species?

Example of single species layout

Example of multiple species layout
One species vs. Multiple species

Monoculture Characteristics

▪ Single species
▪ Uniform, formal, symmetry
▪ More susceptible to loss due to Pest/Disease
▪ Discourages bio-diversity
▪ In Agriculture, often considered more scalable, typical in Commercial Ag

Polyculture Characteristics

▪ Many species
▪ Diverse, informal, natural (can have symmetry)
▪ Pest & Disease Issues won’t be as widespread
▪ Encourages bio-diversity
▪ Typical in organic farming; more complex but can be more productive and require less inputs
Tree Planting

Trees will be 15gallon sized and ~ 6ft at planting time.

They will grow!
Questions & Answers

Park & Community Services Main Office 768-3240
Public Works & Utilities Customer Service 768-3133
Park Maint. Supervisor / Project Manager 750-8783
Assistant Director / Arborist 768-3150
Select Preferred Tree
Select Your Preferred Tree(s) by putting a colored dot on the posters

- **Crape Myrtle** – *Lagerstroemia ‘Natchez’*
- **Frontier Elm** – *Ulmus ‘Frontier’*
- **Water Gum** – *Tristania laurina ‘Elegant’*
- **Brisbane Box** – *Tristania conferta*
Results
Results

- Crape Myrtle – Lagerstroemia ‘Natchez’
- Frontier Elm – Ulmus ‘Frontier’
- Water Gum – Tristania laurina ‘Elegant’
- Brisbane Box – Tristania conferta

Preferred
Thank You for Coming!

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