

Southeast Louisiana Urban Flood Control Project
(SELA)

FINAL GREEN SPACE DESIGN PLANS
JEFFERSON AND LOUISIANA AVENUES

December 13, 2018

“The views, opinions and findings contained in this report are those of the author(s) and should not be construed as an official Department of the Army position, policy or decision, unless so designated by other official documentation.”

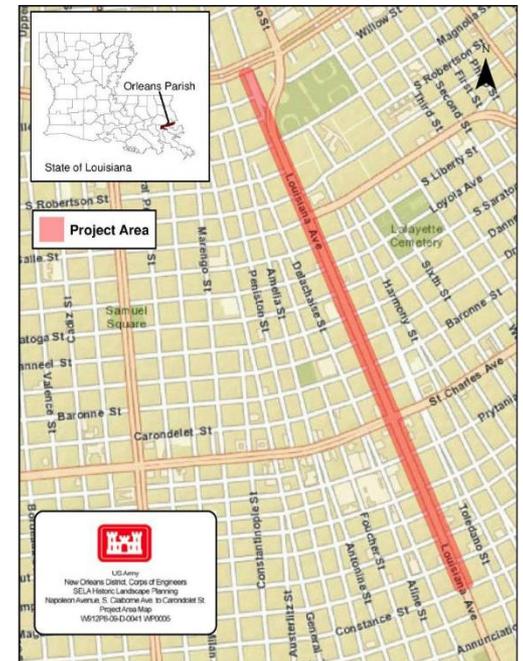
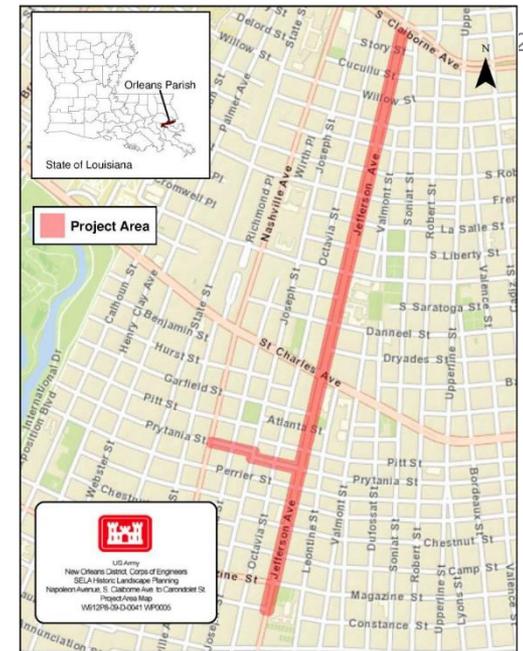


**US Army Corps
of Engineers®**



SOUTHEAST LA URBAN FLOOD CONTROL (SELA) JEFFERSON AND LOUISIANA CORRIDORS

- Authorized following the historic flood of 1995
- Reduces the risk of flooding from a 10-year rain event (9 inches over a 24-hour period)
- Works in conjunction with the City of New Orleans drainage system
- Scheduled to be complete next month
 - ❖ Cones on LA Ave. should be removed by Christmas



SOUTHEAST LA URBAN FLOOD CONTROL (SELA)

JEFFERSON AND LOUISIANA AVE. GREEN SPACE

Considerations

- Historical Neighborhoods
- Pre-Construction Landscape/Vegetation
- Maintenance Requirements
- City Ordinance and Master Plan
- Americans with Disabilities Act
- Site restrictions
 - Narrow Neutral Ground
 - Box Culvert

Input Received

- Residents and Interested Public
- Sewerage and Water Board of New Orleans
- Department of Public Works
- Coastal Protection and Restoration Authority
- LA State Historic Preservation Office
- Parks and Parkways (*future owner*)



SOUTHEAST LA URBAN FLOOD CONTROL (SELA) JEFFERSON AND LOUISIANA AVE. GREEN SPACE

Timeline

Anticipated contract awards in December and January

Work on both avenues should begin in January or February

Based on Dwyer Rd landscaping effort, we anticipate:

- 3-6 months to complete on each corridor.
- 2-4 weeks per block



SOUTHEAST LA URBAN FLOOD CONTROL (SELA) JEFFERSON AND LOUISIANA AVE. GREEN SPACE

During construction

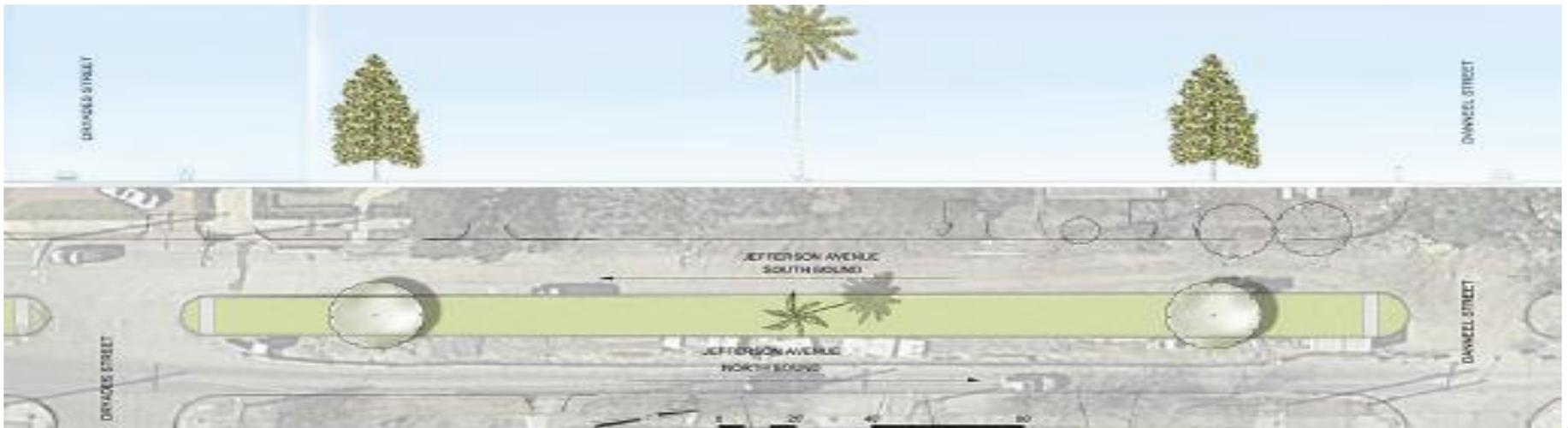
Any road closures will be removed at the end of each work day and will be limited to two crossovers.

Jefferson Avenue:

- Contractor will only be allowed to close southbound lane, northbound lane will remain open.

Louisiana Avenue:

- Contractor will only be allowed to close the left travel lane adjacent to the median.



Army Corps Construction Hotline

(877) 427-0345

Caitlin.E.Campbell@usace.army.mil

Sewerage and Water Board's SELA Claims Hotline

(504) 585-2450

Presentation and design boards will be online at
www.usace.army.mil/missions/HSDRRS/SELA



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Southeast Louisiana Urban Flood Control Project
(SELA)

FINAL GREEN SPACE DESIGN PLANS
NAPOLEON AVENUE AND SOUTH CLAIBORNE
AVENUE

October 15, 2019

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NAPOLEON AND CLAIBORNE CORRIDORS

- Authorized following the historic flood of 1995
- Reduces the risk of flooding from a 10-year rain event (9 inches over a 24-hour period)
- Works in conjunction with the City of New Orleans drainage system
- Claiborne Avenue construction completed in 2016
- Napoleon Avenue construction completed in 2018



US Army Corps of Engineers.



SOUTHEAST LA URBAN FLOOD CONTROL (SELA) NAPOLEON AND CLAIBORNE AVE. GREEN SPACE

Considerations

- Historical Neighborhoods
- Pre-Construction Landscape/Vegetation
- Maintenance Requirements
- City Ordinance and Master Plan
- Americans with Disabilities Act
- Site restrictions
- Limited Soil Depths over Box Culvert
- Box Culvert and other underground utilities
- Line of Sight
- Mardi Gras

Input Received

- Residents and Interested Public
- Sewerage and Water Board of New Orleans
- Department of Public Works
- Coastal Protection and Restoration Authority
- LA State Historic Preservation Office
- Louisiana Department of Transportation and Development (Claiborne Ave)
- Parks and Parkways (future owner)



NAPOLEON AND CLAIBORNE CORRIDORS

- Timeline of Resident Input
 - Sept 2014 – 3 options are presented at a public meeting. Surveys and comment cards are taken
 - June 2015 – Details about the option chosen are presented, including tree palette.



SOUTHEAST LA URBAN FLOOD CONTROL (SELA)

NAPOLEON AND CLAIBORNE AVE. GREEN SPACE

Timeline

Napoleon Ave. contract was awarded Sept 29 to Tarpan Construction LLC in the amount of \$1,599,801.

Claiborne Ave. contract is expected to be awarded in October – November timeframe

Work on both avenues should begin before the year's end

Based on Jefferson and Louisiana landscaping effort, we anticipate:

- 3-6 months to complete on each corridor.
- 2-4 weeks per block



SOUTHEAST LA URBAN FLOOD CONTROL (SELA) NAPOLEON AND CLAIBORNE AVE. GREEN SPACE

During construction

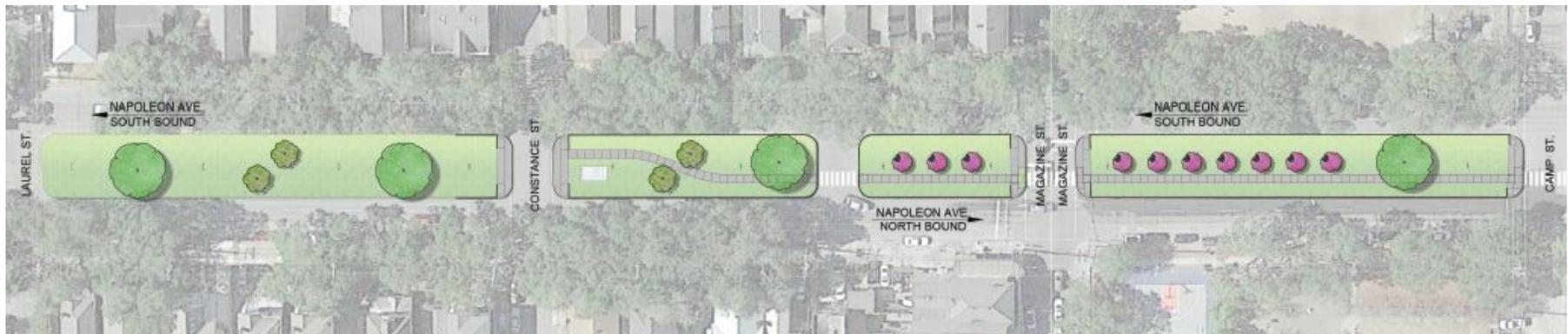
Any road closures will be removed at the end of each work day and will be limited to two crossovers.

Napoleon Avenue:

- *Contractor will close either the northbound or southbound travel lane adjacent to the median but not both at the same time.*

Claiborne Avenue:

- Contractor will be allowed to close only the left travel lane, adjacent to the median, on Claiborne avenue during construction.



SOUTHEAST LA URBAN FLOOD CONTROL (SELA) NAPOLEON AVE. GREEN SPACE

Work will begin:

- on Laurel Street and proceed North
- 1-2 blocks will be worked at any given time, only during business hours
- Contractor is expected to mobilize to the site during the final weeks of October, weather permitting.



**To stay up to date on the project activities
follow us on Facebook:**

**[WWW.facebook.com](http://WWW.facebook.com/SELAfloodprotection)
[/SELAfloodprotection](http://WWW.facebook.com/SELAfloodprotection)**



**US Army Corps
of Engineers.**



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(877) 427-0345

Jamie.C.Braun@usace.army.mil

Sewerage and Water Board's SELA Claims Hotline

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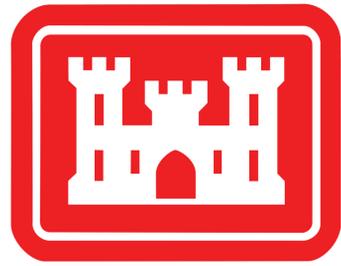
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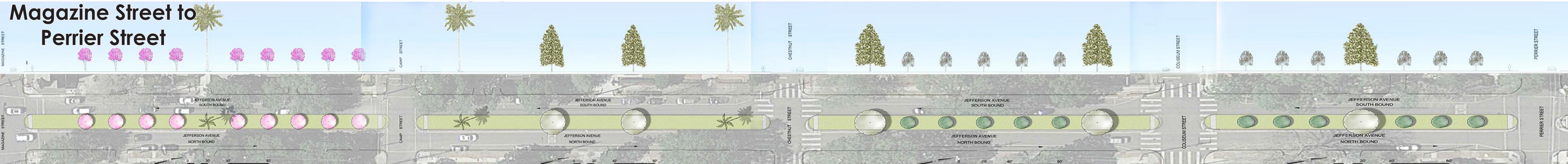


Green Space Implementation Plan

Southeast Louisiana Urban Flood Control Project (SELA)

Jefferson Avenue

Magazine Street to Perrier Street



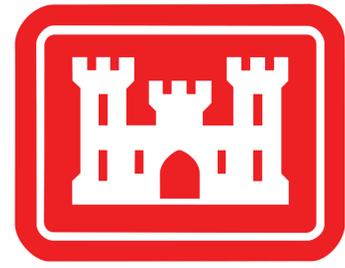
Magazine to Camp Streets
Crape Myrtle and Palm

Camp to Chestnut Streets
Magnolia and Palm

Chestnut to Coliseum Streets
Holly and Magnolia

Coliseum to Perrier Streets
Holly and Magnolia

Visit the tree palette board to find out more information about the trees that will be on your block.

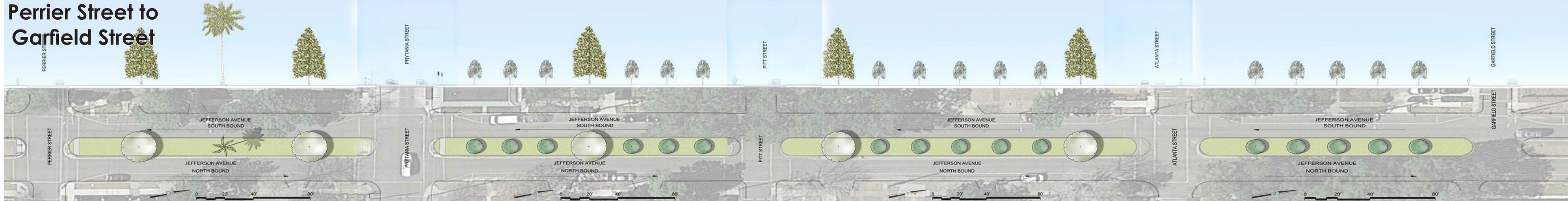


Green Space Implementation Plan

Southeast Louisiana Urban Flood Control Project (SELA)

Jefferson Avenue

Perrier Street to
Garfield Street



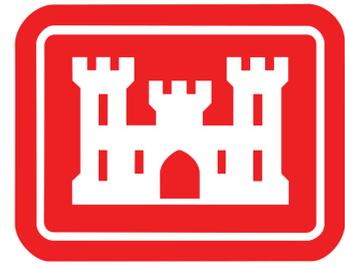
Perrier to Prytania Street
Palm and Magnolia

Prytania to Pitt Streets
Holly and Magnolia

Pitt to Atlanta Streets
Magnolia and Holly

Atlanta to Garfield Streets
Holly

Visit the tree palette board to find out more information about the trees that will be on your block.



Green Space Implementation Plan

Southeast Louisiana Urban Flood Control Project (SELA)

Jefferson Avenue

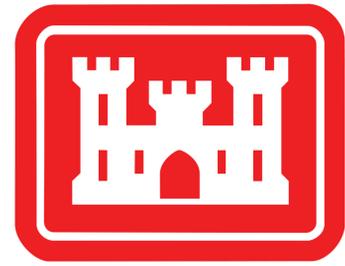


Garfield Street to St. Charles Avenue
Magnolia, Holly and Crape Myrtle

St. Charles Avenue to Dryades Street
Crape Myrtle

Dryades to Danneel Streets
Magnolia and Palm

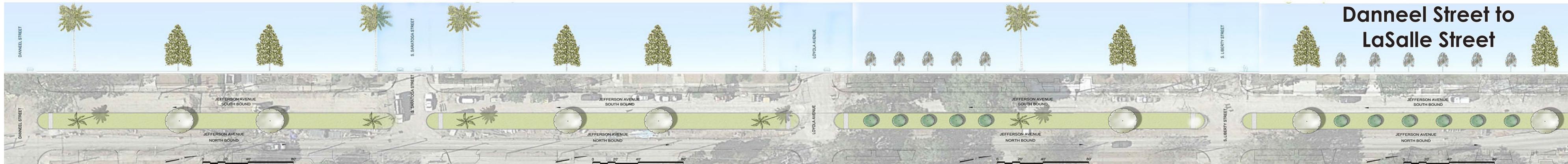
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Green Space Implementation Plan

Southeast Louisiana Urban Flood Control Project (SELA)

Jefferson Avenue



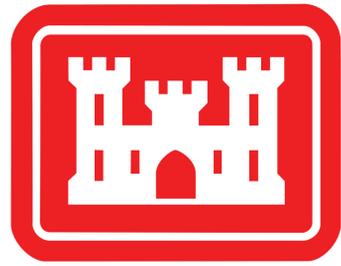
Danneel to S. Saratoga Streets
Palm and Magnolia

S. Saratoga Street to Loyola Avenue
Palm and Magnolia

Loyola Avenue to S. Liberty Street
Holly, Palm and Magnolia

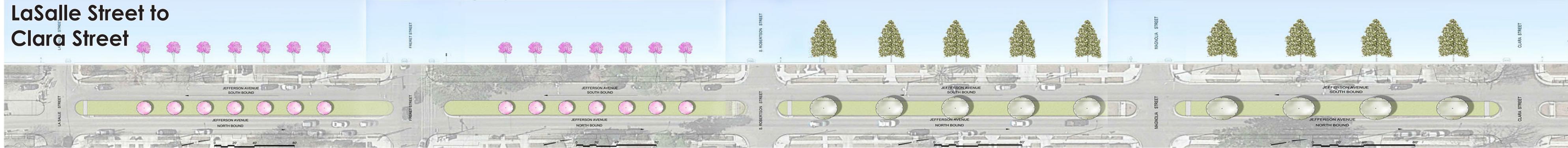
S. Liberty to LaSalle Streets
Magnolia and Holly

Visit the tree palette board to find out more information about the trees that will be on your block.



Green Space Implementation Plan

Southeast Louisiana Urban Flood Control Project (SELA)
Jefferson Avenue



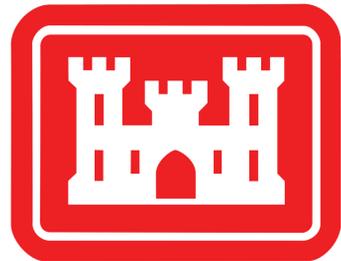
LaSalle to Freret Streets
Crape Myrtle

Freret to S. Robertson Streets
Crape Myrtle

S. Robertson to Magnolia Streets
Magnolia

Magnolia to Clara Streets
Magnolia

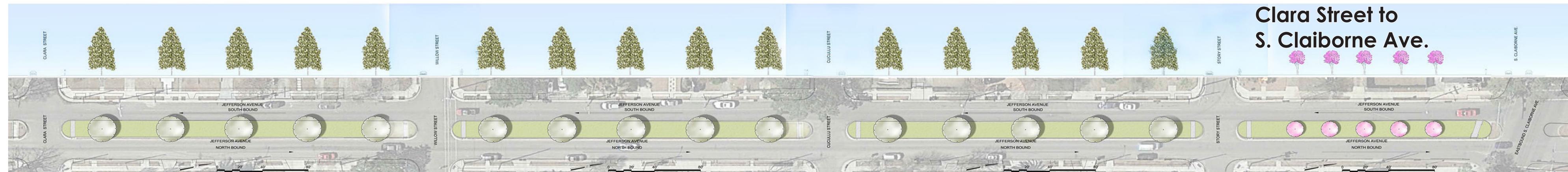
Visit the tree palette board to find out more information about the trees that will be on your block.



Green Space Implementation Plan

Southeast Louisiana Urban Flood Control Project (SELA)

Jefferson Avenue



Clara Street to
S. Claiborne Ave.

Clara to Willow Streets
Magnolia

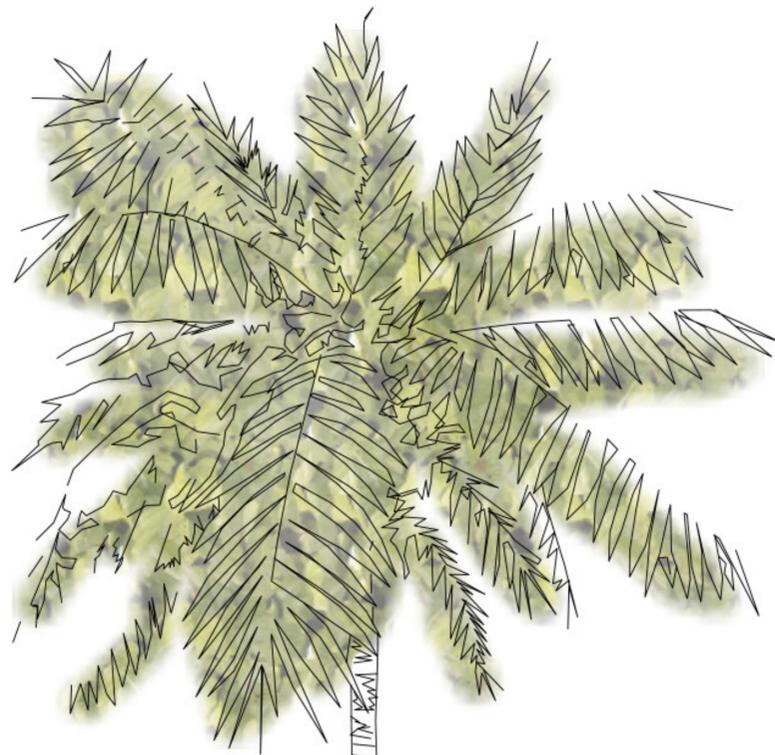
Willow to Cucullu Streets
Magnolia

Cucullu to Story Streets
Magnolia

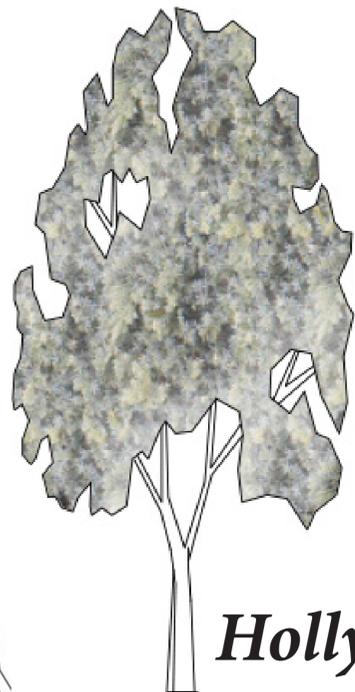
Story Street to S. Claiborne Avenue
Crape Myrtle

Visit the tree palette board to find out more information about the trees that will be on your block.

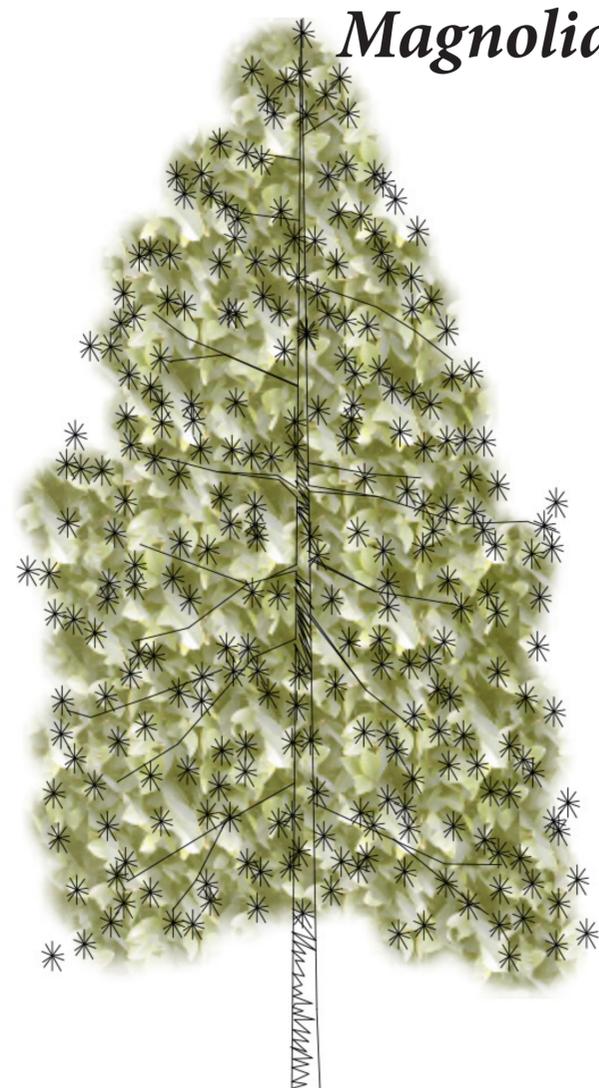
Jefferson Avenue: Tree Palette



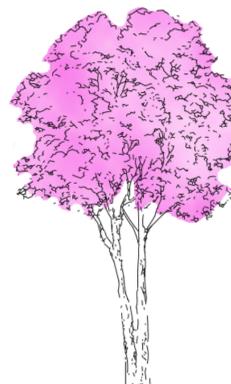
Palm



Holly



Magnolia



Crape Myrtle

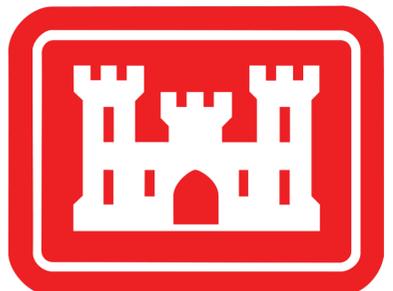
The Jefferson Avenue planting median is restricted by width and the amount of soil cover on top of the concrete box culvert. As a result, medium and small trees were selected for planting.

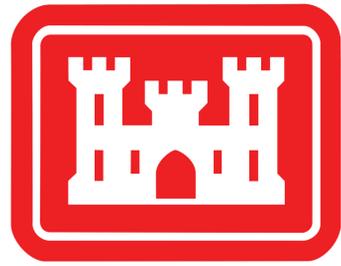
Crape Myrtle "Tuscarora" - Small flowering tree that is used to frame major intersections. They provide dependable, year-round ornamental features and are highly adapted to our climate. Tuscarora produces profuse coral-pink flower clusters. Typical growing height is 15' tall.

Magnolia "D.D. Blanchard" - Cultivar of Southern Magnolia and is a dense evergreen which provides fruits consumed by birds in the fall and creamy-white flowers in the summer. It has an open-branched pyramidal form. Typical growing height is 50' tall.

"Savannah" Holly - Provide showy, red berry clusters which provide food for several bird and small mammal species. They also provide cover and nesting sites within evergreen foliage. Typical growing height is 25' tall.

Palm - The exact palm species is still being decided by the Corps and Parks and Parkways.



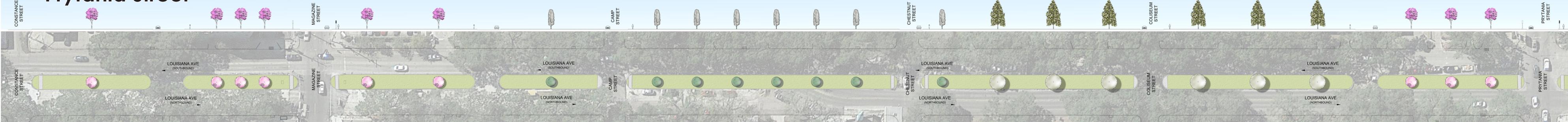


Green Space Implementation Plan

Southeast Louisiana Urban Flood Control Project (SELA)

Louisiana Avenue

Constance Street to Prytania Street



Constance to Magazine Streets

Crape Myrtle "Tuscarora" and Palm

Magazine to Camp Streets

Crape Myrtle "Tuscarora" and Holly

Camp to Chestnut Streets

Holly

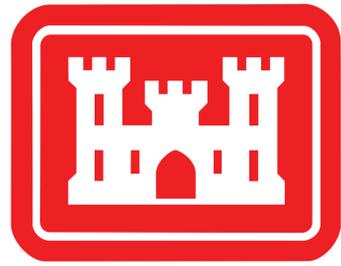
Chestnut to Coliseum Streets

Holly and Alta Magnolia

Coliseum to Prytania Streets

Alta Magnolia and Crape Myrtle "Tuscarora"

Visit the tree palette board to find out more information about the trees that will be on your block.

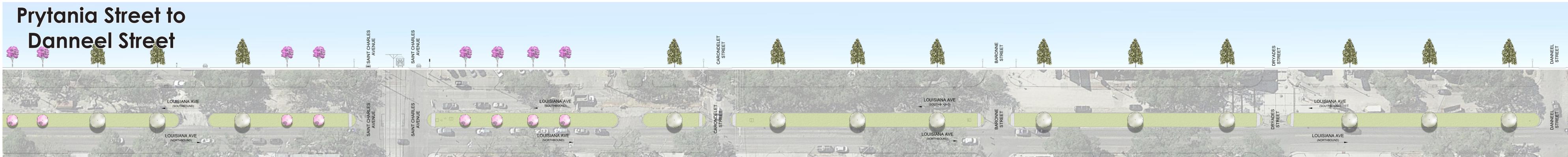


Green Space Implementation Plan

Southeast Louisiana Urban Flood Control Project (SELA)

Louisiana Avenue

Prytania Street to Danneel Street



Prytania Street to St. Charles Avenue

Crape Myrtle "Tuscarora" and Alta Magnolia

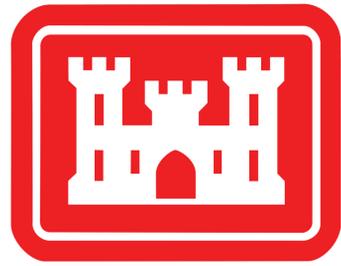
St. Charles Avenue to Carondelet Street

Crape Myrtle "Tuscarora" and Alta Magnolia

Carondelet to Danneel Streets

Alta Magnolia

Visit the tree palette board to find out more information about the trees that will be on your block.

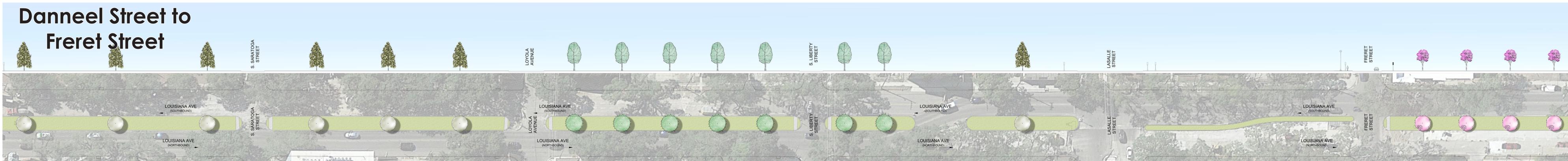


Green Space Implementation Plan

Southeast Louisiana Urban Flood Control Project (SELA)

Louisiana Avenue

Danneel Street to Freret Street



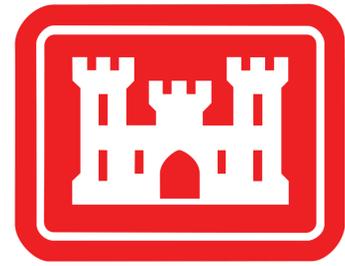
Danneel Street to Loyola Avenue
Alta Magnolia

Loyola Avenue to S. Liberty Street
Sweet Bay Magnolia

S. Liberty to Lasalle Streets
Alta Magnolia

Freret to S. Robertson Streets
Crape Myrtle "Muskogee"

Visit the tree palette board to find out more information about the trees that will be on your block.

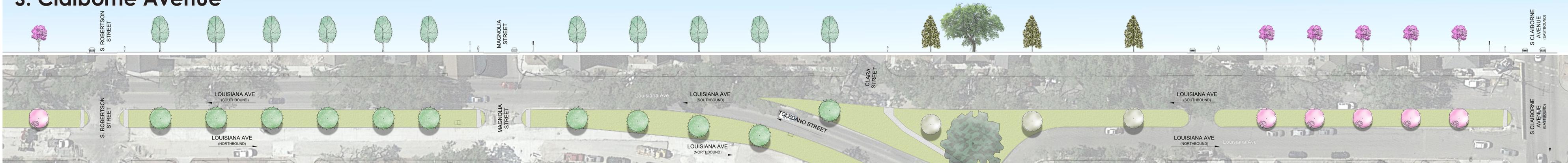


Green Space Implementation Plan

Southeast Louisiana Urban Flood Control Project (SELA)

Louisiana Avenue

**S. Robertson Street to
S. Claiborne Avenue**



S. Robertson to Clara Streets
Sweet Bay Magnolia

Clara Street to S. Claiborne Avenue
Crape Myrtle "Muskogee," Live Oak and
Alta Magnolia

Visit the tree palette board to find out more information
about the trees that will be on your block.

Magnolia 'Alta' - Cultivar of Southern Magnolia and is a dense evergreen which provides fruits consumed by birds in the fall and showy, creamy-white flowers in the summer. Alta takes on a columnar form remaining upright and tight. Typical growing height is 20' tall.

Sweet Bay Magnolia – Semi-evergreen Magnolia and is a seed source for wildlife foragers and indicative of woodland edge habitats. The tree is ideal for narrow spaces and has fragrant flowers. Typical growing height is 20' tall.

Crape Myrtle 'Tuscarora' – Small flowering tree that is used to frame major intersections. They provide dependable, year-round ornamental features and are highly adapted to our climate. Tuscarora produces profuse coral-pink flower clusters. Typical growing height is 15' tall.

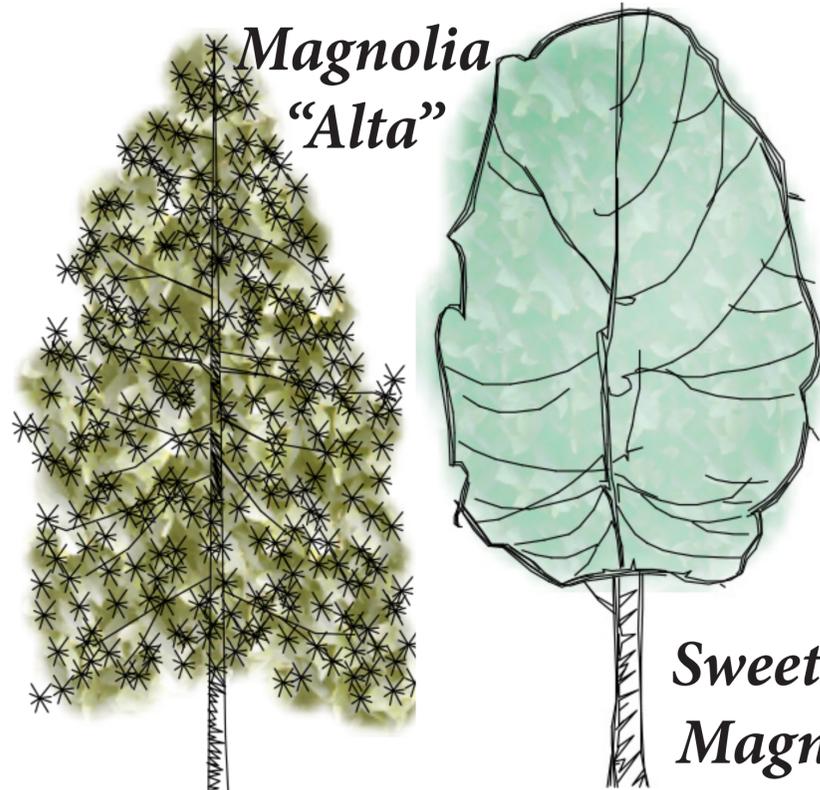
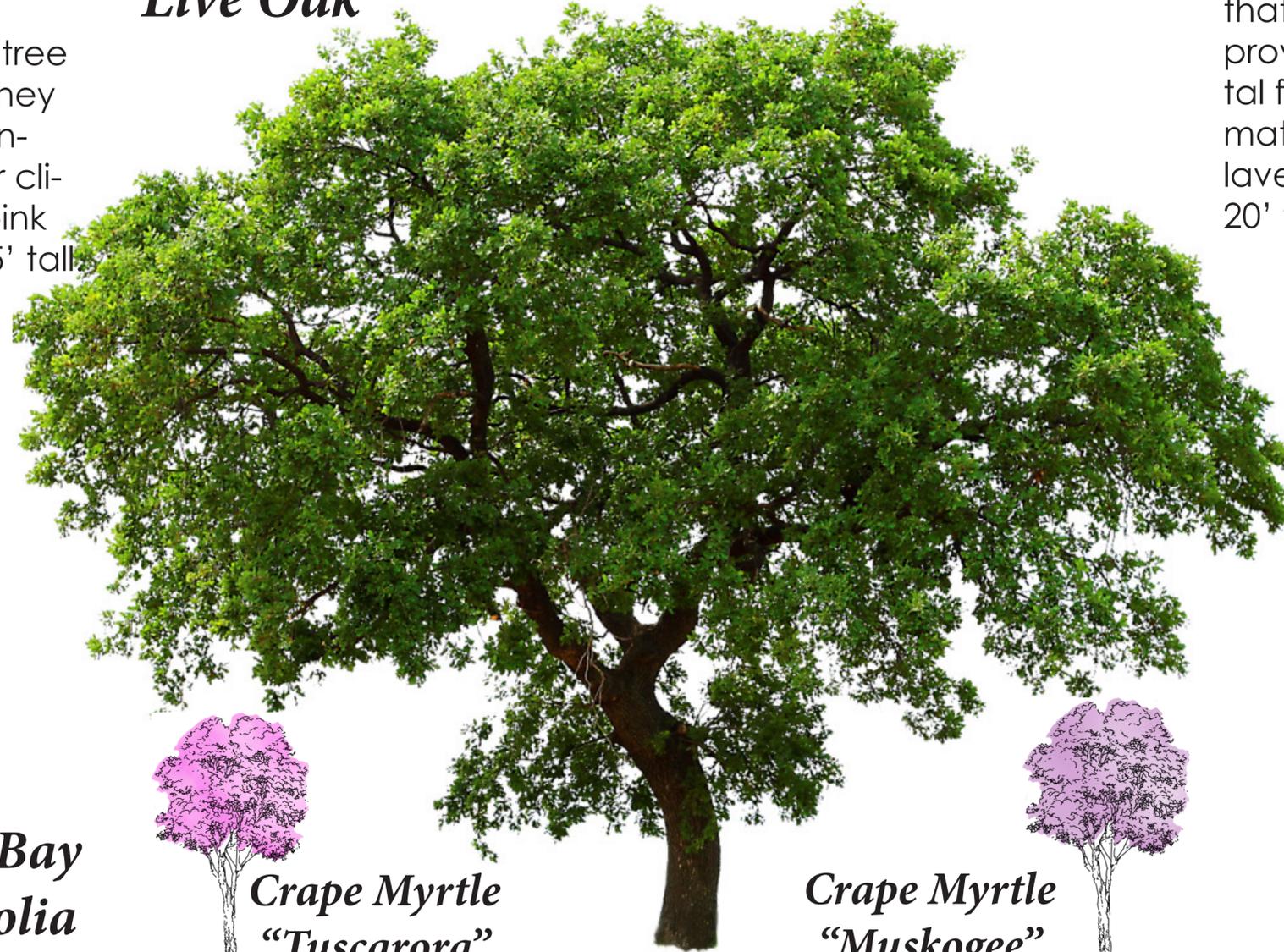
Louisiana Avenue: Tree Palette

Live Oak – Oak leaves provide food to a diversity of invertebrates as well as acorn seeking birds and mammals. The evergreen canopy provides extensive nesting cover. Typical growing height is 50' tall.

Savannah Holly - Hollies provide food for several bird and small mammal species. They also provide cover and nesting sites within evergreen foliage. Typical growing height is 25' tall.

Crape Myrtle 'Muskogee' – Small flowering tree that is used to frame major intersections. They provide dependable, year-round ornamental features and are highly adapted to our climate. Muskogee produces panicles of light lavender-pink flowers. Typical growing height is 20' tall.

Live Oak



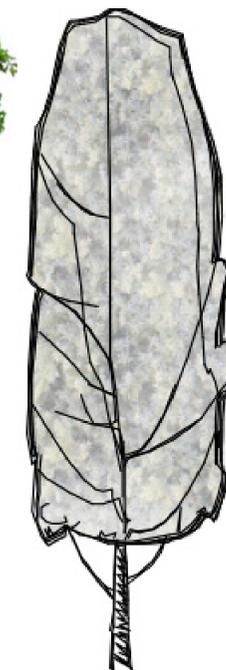
Sweet Bay Magnolia



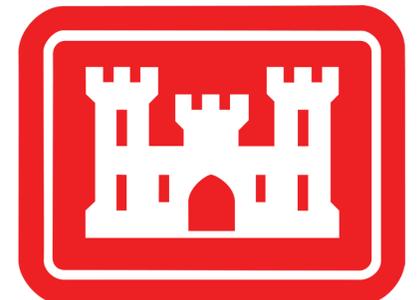
Crape Myrtle "Tuscarora"



Crape Myrtle "Muskogee"



Holly



Claiborne Avenue: Tree Palette

The Claiborne Avenue tree palette includes large trees serving as overstory and medium to small trees serving as understory and accents.

Nuttall Oak – Oak leaves provide food to a diversity of invertebrates as well as acorn seeking birds and mammals. The canopy provides extensive nesting cover to waterfowl and songbirds. Typical growing height is 60' tall.

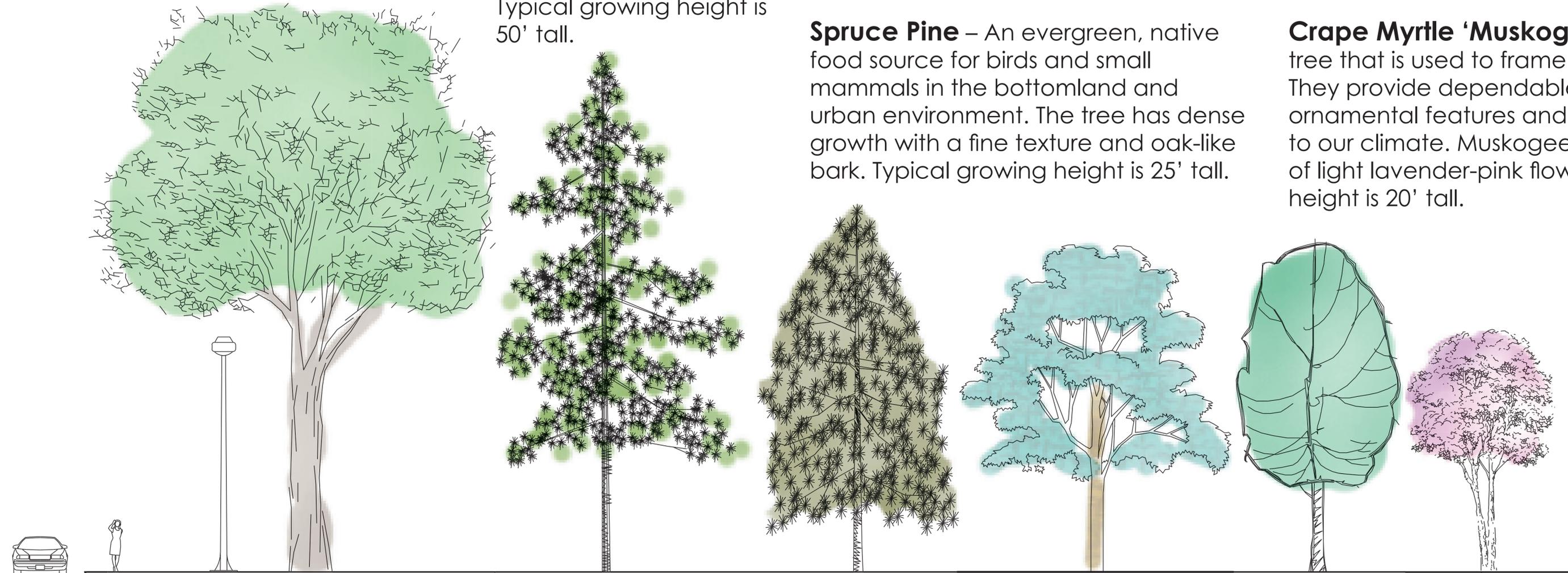
Bald Cypress– A native, deciduous conifer of the region with a soft texture and habitat source for numerous nesting birds, including the Bald Eagle. Typical growing height is 50' tall.

Southern Magnolia - A dense evergreen which provides fruits consumed by birds in the fall and showy, creamy-white flowers in the summer. The tree form is stately with coarse texture. Typical growing height is 40' tall.

Sweet Bay Magnolia – Semi-evergreen Magnolia and is a seed source for wildlife foragers and indicative of woodland edge habitats. The tree is ideal for narrow spaces and has fragrant flowers. Typical growing height is 30' tall.

Spruce Pine – An evergreen, native food source for birds and small mammals in the bottomland and urban environment. The tree has dense growth with a fine texture and oak-like bark. Typical growing height is 25' tall.

Crape Myrtle 'Muskogee' – Small flowering tree that is used to frame major intersections. They provide dependable, year-round ornamental features and are highly adapted to our climate. Muskogee produces panicles of light lavender-pink flowers. Typical growing height is 20' tall.



*Nuttall
Oak*

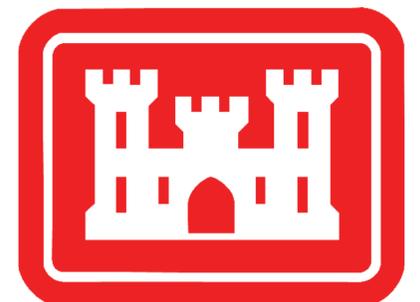
*Bald
Cypress*

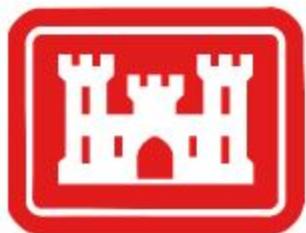
*Southern
Magnolia*

*Spruce
Pine*

*Sweet Bay
Magnolia*

*Crape Myrtle
"Muskogee"*



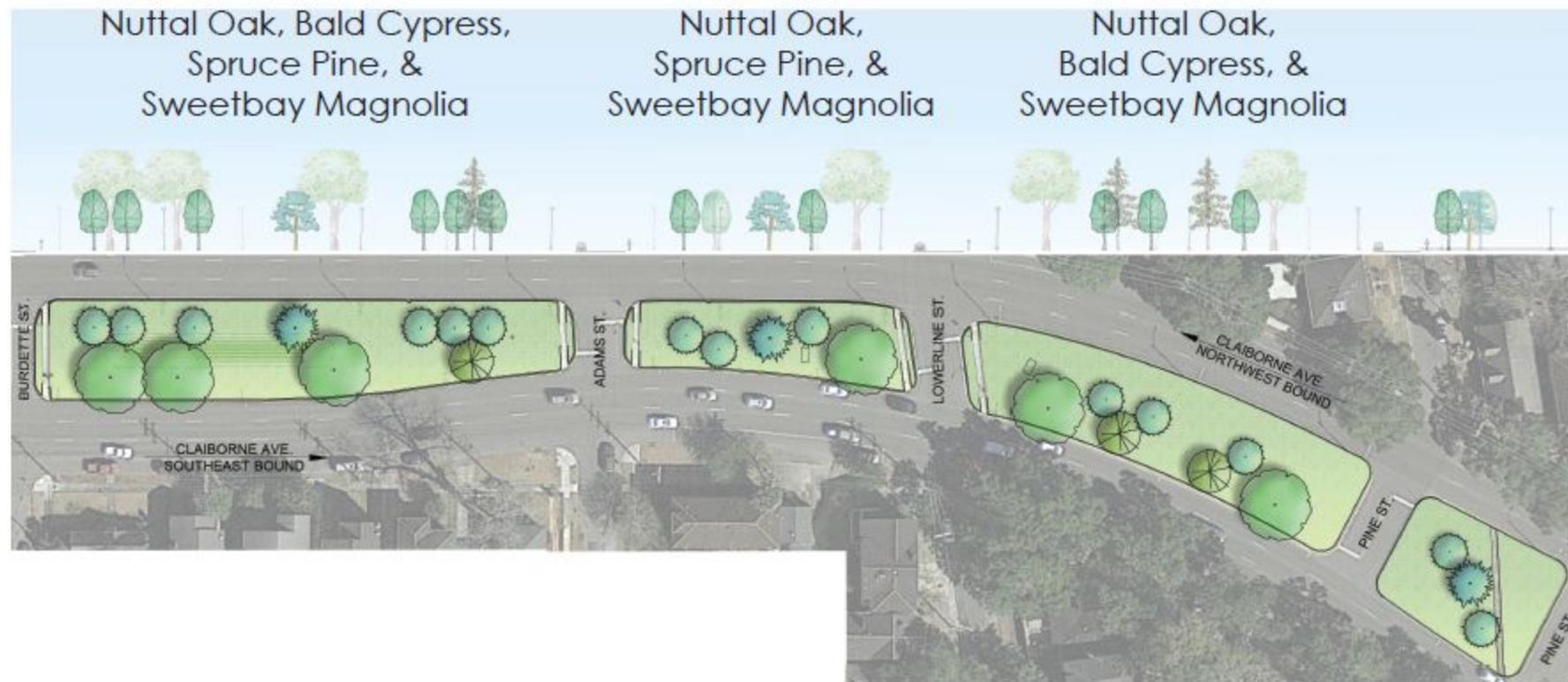


Green Space Implementation Plan

Southeast Louisiana Urban Flood Control Project (SELA)

Claiborne Avenue

Burdette Street to Pine Street



Visit the tree palette board to find out more information about the trees that will be on your block.

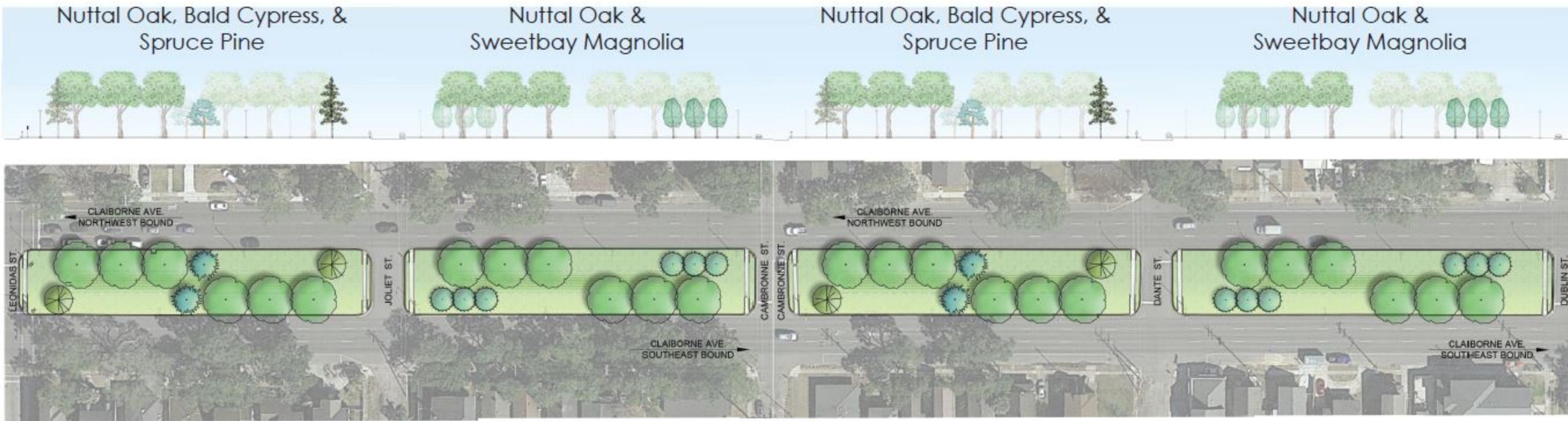


Green Space Implementation Plan

Southeast Louisiana Urban Flood Control Project (SELA)

Claiborne Avenue

Leonidas Street to Dublin Street



Visit the tree palette board to find out more information about the trees that will be on your block.

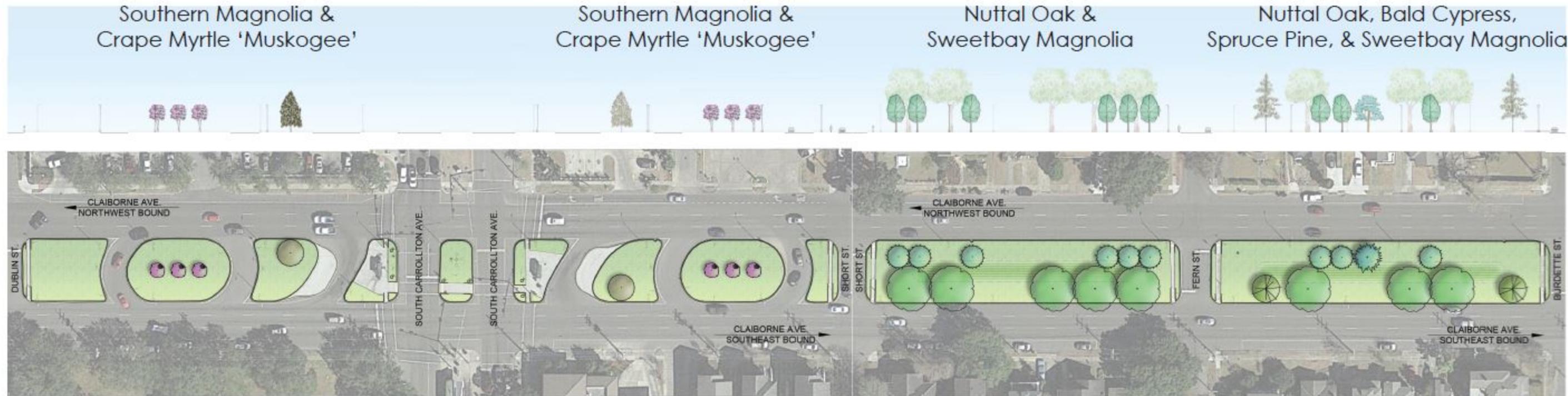


Green Space Implementation Plan

Southeast Louisiana Urban Flood Control Project (SELA)

Claiborne Avenue

Dublin Street to Burdette Street

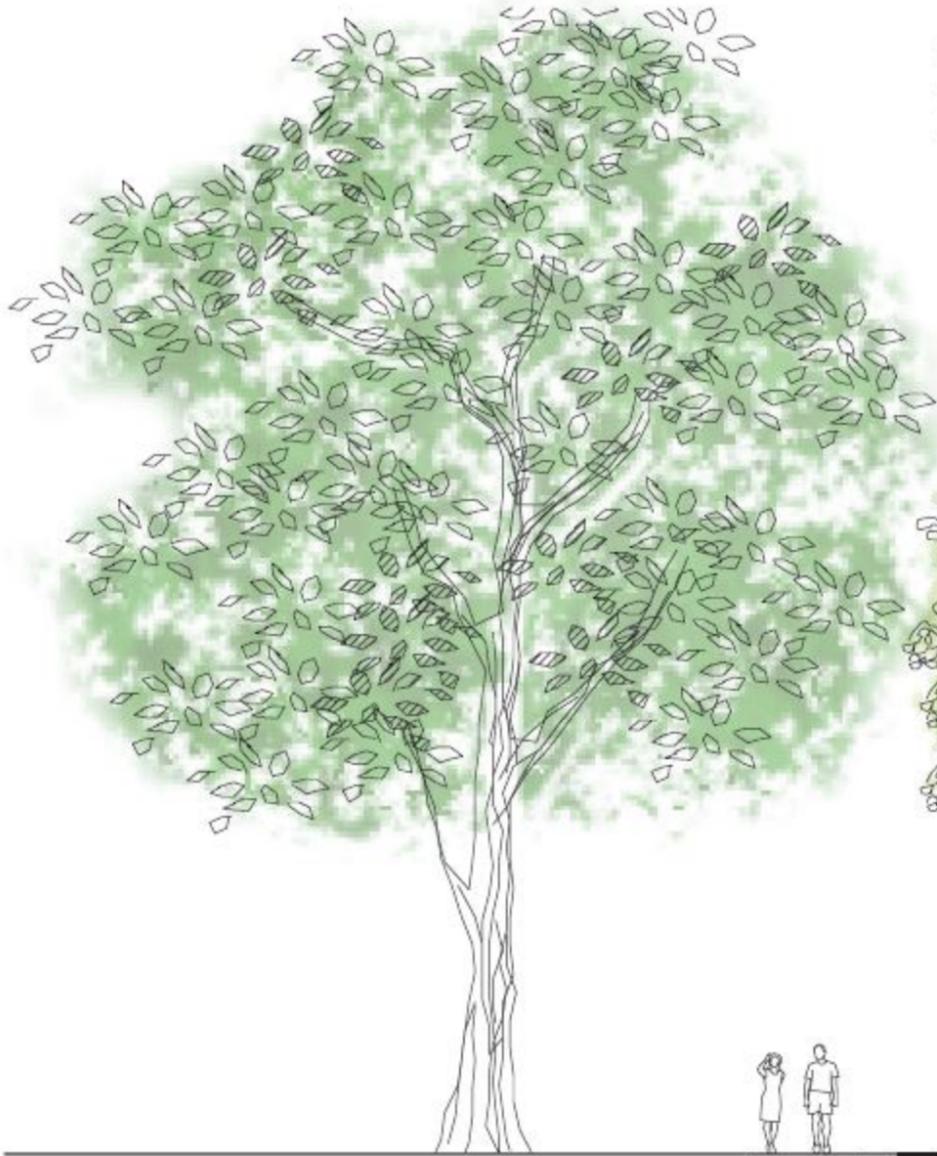


Visit the tree palette board to find out more information about the trees that will be on your block.

Napoleon Avenue: Tree Palette

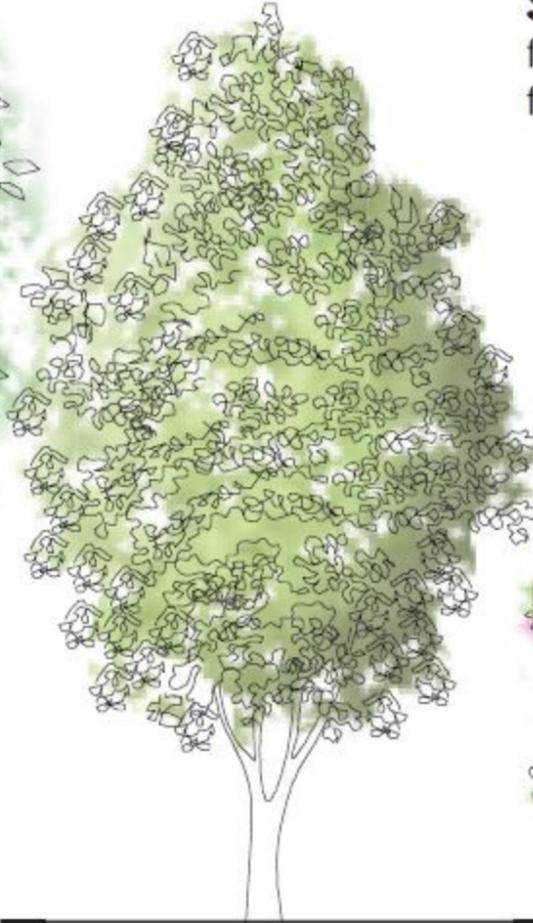
The Napoleon Avenue tree palette includes large trees serving as overstory and medium to small trees serving as understory and accents.

Nuttall Oak - Oak leaves provide food to a diversity of invertebrates as well as acorn seeking birds and mammals. The canopy provides extensive nesting cover to waterfowl and songbirds. Typical growing height is 50' tall.



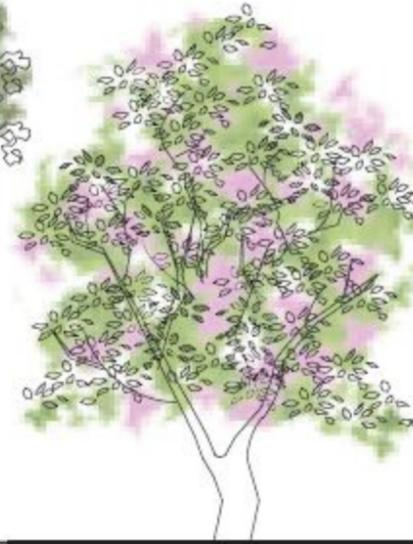
Nuttall Oak

Green Ash - This long lived tree has yellow autumn color. Flowers are a source of nectar for bees and numerous butterfly species. Typical growing height is 50' tall.



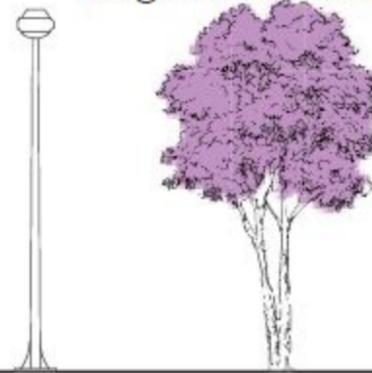
Green Ash

Saucer Magnolia 'Alexandrina' - This deciduous magnolia has fragrant flowers which bloom in early spring before the foliage emerges. The large flowers are pink with white interiors. Typical growing height is 25' tall.



*Alexandrina
Magnolia*

Crape Myrtle 'Muskogee' - Small flowering tree that is used to frame major intersections. They provide dependable, year-round ornamental features and are highly adapted to our climate. Muskogee produces panicles of light lavender-pink flowers. Typical growing height is 30' tall.



*Muskogee
Crape Myrtle*

Crape Myrtle 'Tuskegee' - Similar in use and dependability listed above, Tuskegee produces deep-pink flower clusters. Typical growing height is 20' tall.



*Tuskegee
Crape Myrtle*

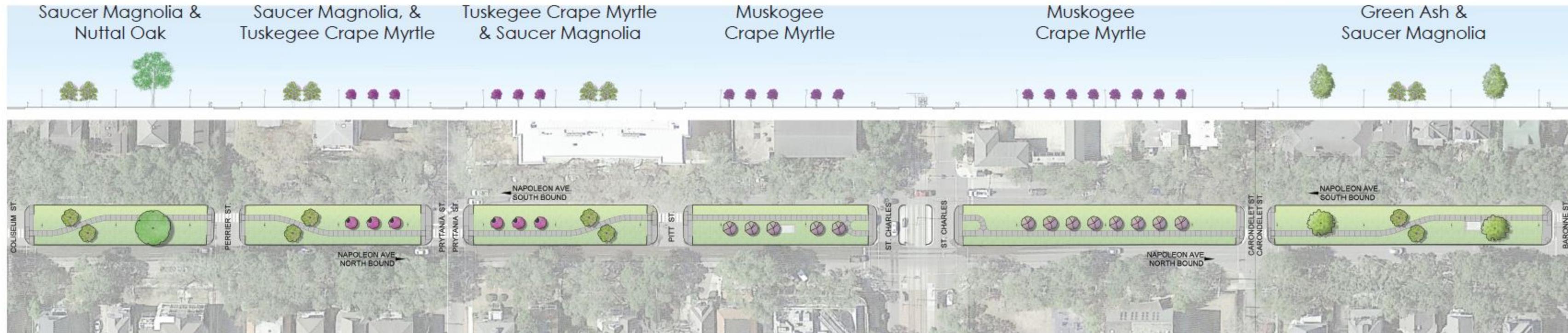




Green Space Implementation Plan

Southeast Louisiana Urban Flood Control Project (SELA) *Napoleon Avenue*

Coliseum Street to Baronne Street



Visit the tree palette board to find out more information about the trees that will be on your block.

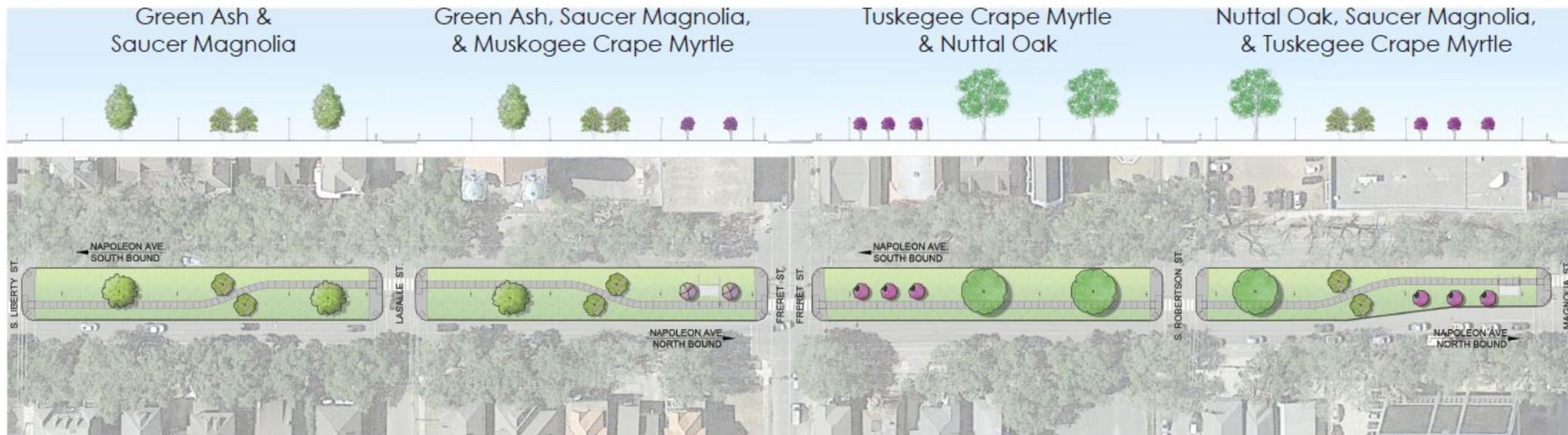


Green Space Implementation Plan

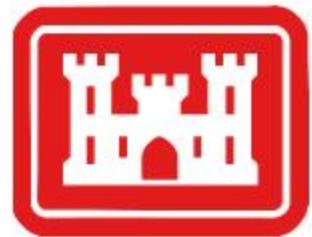
Southeast Louisiana Urban Flood Control Project (SELA)

Napoleon Avenue

S. Liberty Street to Magnolia Street



Visit the tree palette board to find out more information about the trees that will be on your block.



Green Space Implementation Plan

Southeast Louisiana Urban Flood Control Project (SELA)

Napoleon Avenue

Baronne Street to S. Liberty Street



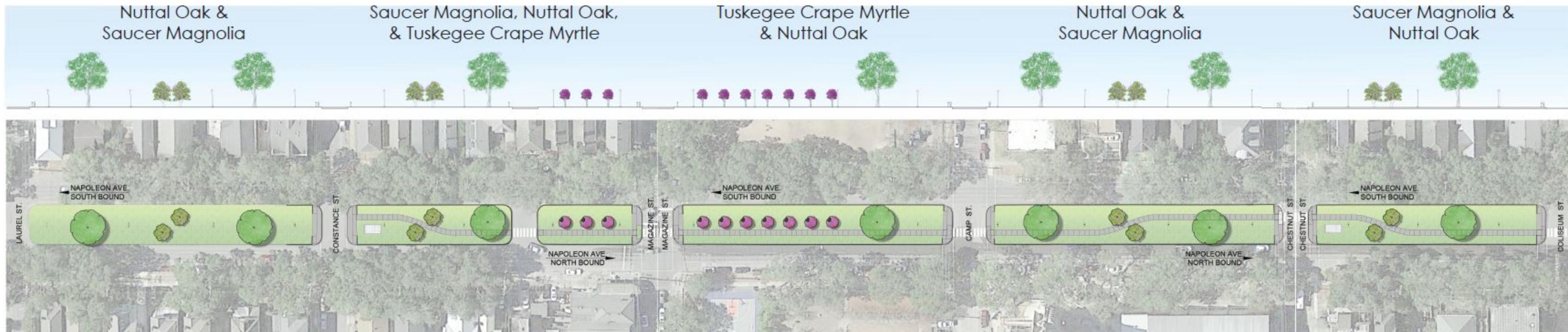
Visit the tree palette board to find out more information about the trees that will be on your block.



Green Space Implementation Plan

Southeast Louisiana Urban Flood Control Project (SELA) Napoleon Avenue

Laurel Street to Coliseum Street



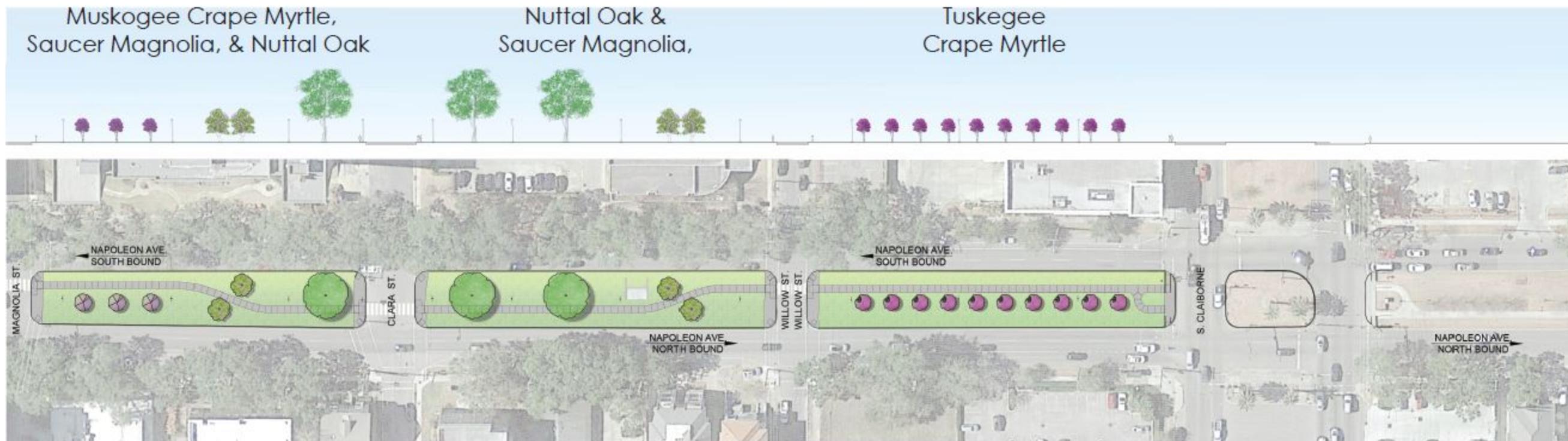
Visit the tree palette board to find out more information about the trees that will be on your block.



Green Space Implementation Plan

Southeast Louisiana Urban Flood Control Project (SELA) *Napoleon Avenue*

Magnolia Street to S. Claiborne Avenue



Visit the tree palette board to find out more information about the trees that will be on your block.