



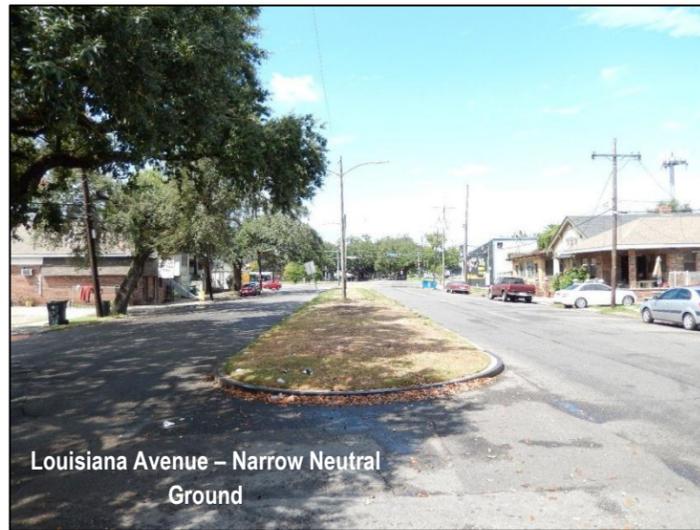
SUGGESTED PLANT PALETTES



The selection of plant species for these four corridors was based on a complex set of design criteria, including the integration of site constraints, the historic context, and sustainable design principles.

Site Constraints

SITE CONSTRAINTS - These corridors have many physical constraints, such as existing transportation infrastructure, varying neutral ground widths, and the presence of underground drainage culverts. For instance, the underground drainage culverts will be located close to the surface in many locations, thereby precluding the planting of large deciduous trees with deep root systems.



Louisiana Avenue – Narrow Neutral Ground

Historic Contexts

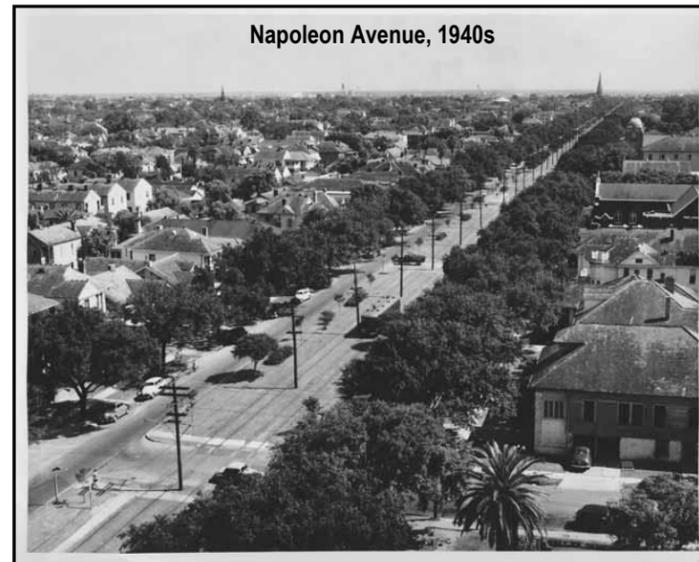
HISTORIC CONTEXT – CEMVN developed detailed historic context reports for each corridor, as well as identifying the vegetation patterns that developed over the years along these corridors. This data will be used to select plants that were present during the corridors' period of historic significance.

Claiborne Avenue (Period of Significance 1880-1937)

The neutral ground between Monticello Avenue and Lowerline Street was dominated by an open drainage canal that was built prior to the 1840's. Portions of the canal were improved in 1940 with concrete replacing the wooden-sided canal that existed previously; the entire canal from Monticello to South Carrollton Avenue was covered during the 1970's. Irregularly patterned plantings of **live oak, palm, ornamental trees and shrubs** were planted in the neutral grounds within each section after the canal was enclosed.

Napoleon Avenue (Period of Significance 1900-1949)

In 1914, the Napoleon Avenue Commission approved a plan to plant the now-mature **Live Oaks** seen along the thoroughfare along the public ROW between the sidewalk and the roadway. **Crape Myrtles and Azaleas** were also planted between the neutral ground's eastern roadside edge and the streetcar tracks. In 1953, Napoleon Avenue's streetcar service was discontinued and the infrastructure removed. In 1954, Napoleon Ave. was widened. Some of the Crape Myrtle trees and Azalea shrubs that existed along the eastern outer edge of the neutral ground at that time were transplanted to the center of the neutral ground in a single row.



Napoleon Avenue, 1940s

Jefferson Avenue (Period of Significance 1925-1949)

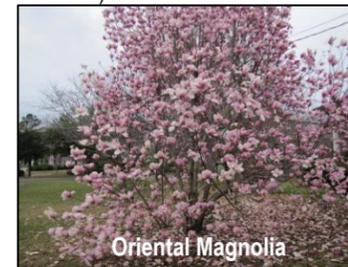
The Jefferson Avenue corridor has changed comparatively little over the past century. A diverse mix of vegetation within the neutral ground and between the sidewalk and curb has continued from the historic into the modern period. **Live Oak** and **Crape Myrtles** dominate, but over 35 additional species were identified, suggesting local residents and/or City officials eclectically planted various tree varieties over the last 80 years.

Louisiana Avenue (Period of Significance 1930s-1950s)

Given the long history of street car and rail line usage along **Louisiana Avenue**, the majority of the neutral ground would have not been available for planned plantings until after 1934. Almost 80% of the **Live Oaks** identified may have been present between the late 1930s to the late 1950s. However, of the 56 identified trees within the neutral ground, only three – two southern live oaks and a single **Bald Cypress** – were potentially present from this period.

Sustainable Design Principles

Sustainable design principles - The suggested plant palette consists of mainly native plants; however, plants that provide food and nesting sites for birds, butterflies, and insects have also been included (see below).



Oriental Magnolia



Canary Date Palm



American Holly



Sweet Bay Magnolia



Bismarck Palm



Fringe Tree (Grancy Greybeard)



Schizachyrium scoparium

Additional suggestions include the replacement of portions of the grassy areas in the neutral grounds and street swales with grasses, shrubs, and ground cover would promote limited irrigation needs and a decrease in the use of herbicides (see above and below).



Solidago odora



Schizachyrium scoparium



Sorghastrum nutans



Helianthus mollis



'Split Beard'