

CENTRAL
FLORIDA
EXPRESSWAY
AUTHORITY

CFX LANDSCAPE SUSTAINABILITY

Chris Bloodwell, RLA, Landscape Architect, CFX

Benjamin Baker, Senior Project Manager, Dewberry

May 25, 2023

Sustainability

- 30 Years into the program
- Goal to be aesthetically pleasing
- Reduce water consumption
- Minimize the need for chemical applications
- Limited pruning
- Reduce Erosion



Approach

- Florida Native/Florida Friendly
- Right Plant/Right Place
- Xeriscape
- Best Management Practices
- Robust Plant Palette



Plant Palette

Muhlenbergia Capillarii Muhlygrass

Tripsacum Dactyloides Fakahatchee Grass

Spartina Bakeri Sand Cordgrass

Agave Americana Century Plant

Agave Americana Medio Picta Medio Agave

Arachis Glabrata 'Eco Turf' Perennial Peanut

Agave Desmettiana Agave Desmettiana

Agave Blue Wave Blue Wave Agave

Agave Univittata Agave Unicitatta

Agave 'Delfer's Aloe' Delfer's Aloe

Agave 'White Tooth' White Tooth Agave

Bauhinia Punctata Red Orchid Shrub

Bougainvillea 'Helen Johnson' Bougainvillea

Viburnum Obovatum 'Mrs. Schiller's Delight' Dwarf Viburnum

Hydrangea Quercipolia Oakleaf Hydrangea

Ilex Vomitoria Yaupon Holly

Ilex Vomitoria 'Schilling's Dwarf' Schilling's Dwarf Yaupon Holly

Illicim Parviflorum Yellow Anise

Lantana Camara 'Gold Mound' Gold Mound Lantana

Lantana Montecidensis Purple Trailing Lantana

Lonicera Sempervirens Coral Honeysuckle

Oleander 'Calypso Red' Oleander Calypso Red

Plumbago Capensis Plumbago

Russelis Equisetiformis Firecracker Plant

Rhaphiolepis Indica Indian Hawthorn

Sophora Tomentosa Necklace Pod

Serenoa Repens Saw Palmetto

Serenoa Repens 'Cinerea' Silver Saw Palmetto

Trachelospermum Jasminoides Confederate Jasmine



Plant Palette

Zamia Furfuracea Cardboard Palm

Zamia Pumila Coontie

Acer Rubrum Flame Red Maple

Butia Capitata Pindo Palm

Euphorbia Tirucalli Pencil Cactus

Ilex Vomitoria Pendula Weeping Yaupon Holly

Juniperus Virginiana Siliciola Southern Red Cedar

Lagerstroemia Indica 'Muskogee' Crepe Myrtle

Lagerstroemia Indica 'Tuscarora' Crepe Myrtle

Eriobotrya Japonica Loquat

Myrica Cerfera Way Myrtle

Magnolia Grandiflora Southern Magnolia

Magnolia Virginiana Sweetbay Magnolia

Pinus 'Elliottii' Slash Pine

Pinus Palustris Longleaf Pine

Pinus Taeda Loblolly Pine

Quercus Virginiana Live Oak

Quercus Virginiana 'QVIA PP 11219 Highrise'

Sabal Palmetto Sabal Palm

Taxodium Disticum 'Autumn Gold'



Current Implementation

Responsible Management Practices

- Conscientious Design
- Site Specific Soil Preparation
- Responsible Maintenance



Accomplishments

- Systemwide Plant Palette
- Native Buffer Plantings
- SR 408 Median Plantings
- Systemwide Landscape Maintenance
- Introduction of FWC permitted Grass Carp into retention ponds



Future Sustainability Efforts

- Collaboration
- Additional sustainable plant material
- Wildflower/Pollinator Plantings
- Continue Grass Carp Program
- Trial Planting Beds



Trial Planting Beds at CFX HQ



Questions?