

# Downtown Reconstruction Project Update

60% Design Plans

09/12/2017



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# Downtown Project Boundary



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DESIGNED BY	DRAWN BY	CHECKED BY	DATE	DESCRIPTION	DATE
PREPARED FOR: 			PREPARED BY: 		PROJECT: CITY OF VENICE DOWNTOWN ROADWAY CORRIDOR IMPROVEMENTS
			DESCRIPTION: KEY Sheet		APPROVED BY: WARTY MORRAN P.E. I.L.A. REG. NO. 95226
DATE	DESCRIPTION				DATE: PROJECT NO.: 10503-4389 SHEET: Aerial

# Current Project Schedule

- FDOT Required Review Schedule:
  - 60% Plans currently Under Review – Last Opportunity for Significant Design Revisions – Complete by 9/15/17
  - 90% Plans due to FDOT early October 2017
  - 100% Plans due to FDOT early November 2017
  - Bids to be Advertised December 2017/January 20218
  - Award Contract February 2018
  - Start Construction April 15, 2018
  - Construction complete late Fall 2018
- Meeting held with all Special Events to Coordinate Alternate Locations for Summer/Fall 2018
- Meeting to be held with Downtown Merchants to discuss Proposed Plans (Oct. 2017)
- Stormwater Design/Utility Coordination/Lighting Replacement Underway

# Coordination Activities

- Public Meetings – City Council Updates 7/11, 9/12
- Special Event Holders
  - Meeting held April 20, 2017 with all Special Events to Coordinate Alternate Locations for Summer/Fall 2018
  - Presentation made August 21, 2017 to Venice Area Beautification, Inc. (VABI) Board.
  - Plan Review Meetings with Venice Mainstreet and VABI Members.
- Downtown Merchants
  - Database has been created. Merchant meeting to be held October 2017 and following award of the contract
- Florida Power & Light – Light Pole/Fixture Upgrade
- Internal Review – Utility Conflicts, Public Works future Maintenance, Traffic Flow PD & Fire

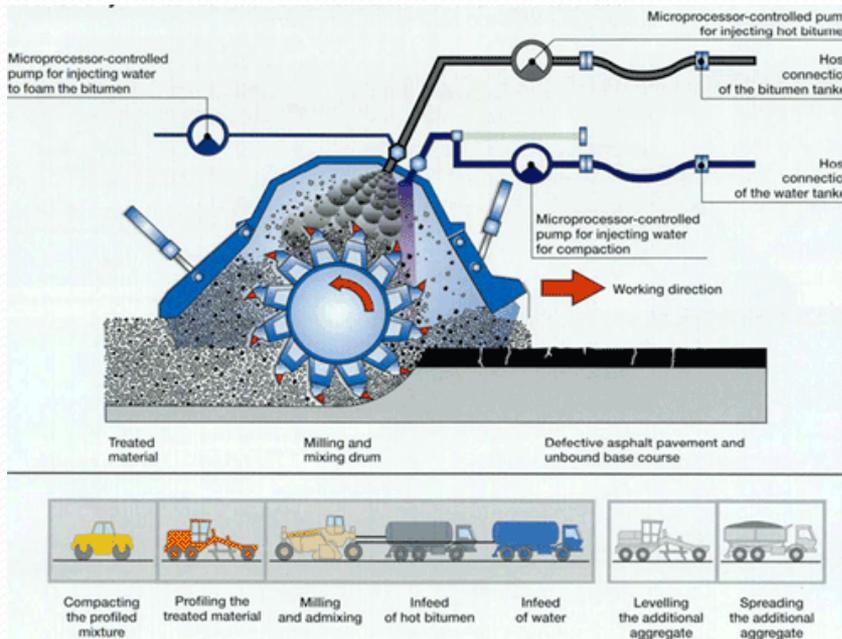
# Overall Summary of 60% Plans/Design:

- Proposed Roadway widths/lanes will be the same as existing conditions
- Adding Bicycle “Sharrows”
- Replacing Cracked Sidewalks (w/concrete sidewalks) and improving ADA features (curb ramps, sidewalks)
- Improved Landscaping/Hardscaping
- Improved Drainage Features (replacing undersized Nokomis Ave storm pipe trunkline, additional inlets added, replacing undersized inlet pipes, increased gutter slopes)
- Improved safety for pedestrians (mid-block crosswalks w/in-pavement lighting, added bulbouts to reduce crossing distances)
- Creating 4-way stop intersections along Nokomis Ave. at Tampa Ave, Venice Ave and Miami Ave



# Pavement Design:

- Replacing existing cracked Soil Cement Base using Full Depth Reclamation (Pulverization)



- Benefits of FDR:
- Speeds Up Construction
  - Recycles Good Base Material
  - More Economical than Conventional Remove/Replacement

- New roadway will be crack free and structurally improved.



# Traffic Control/Construction Phasing

## In General:

- Construction will be performed in at least 5 phases
- Construction will occur during daylight and night-time hours
- Phasing will maintain a minimum of 3 EB or WB travel lanes overall at all times (minimize traffic detouring for EW travel)
- Minimizing impacts to parking by phasing construction
- Sidewalk construction on 1 side of street at a time (at night) and pedestrian travel will be maintained
- Large pipe/drainage structures will require traffic detour for Nokomis Ave

# Traffic Control/Construction Phasing (Cont.)

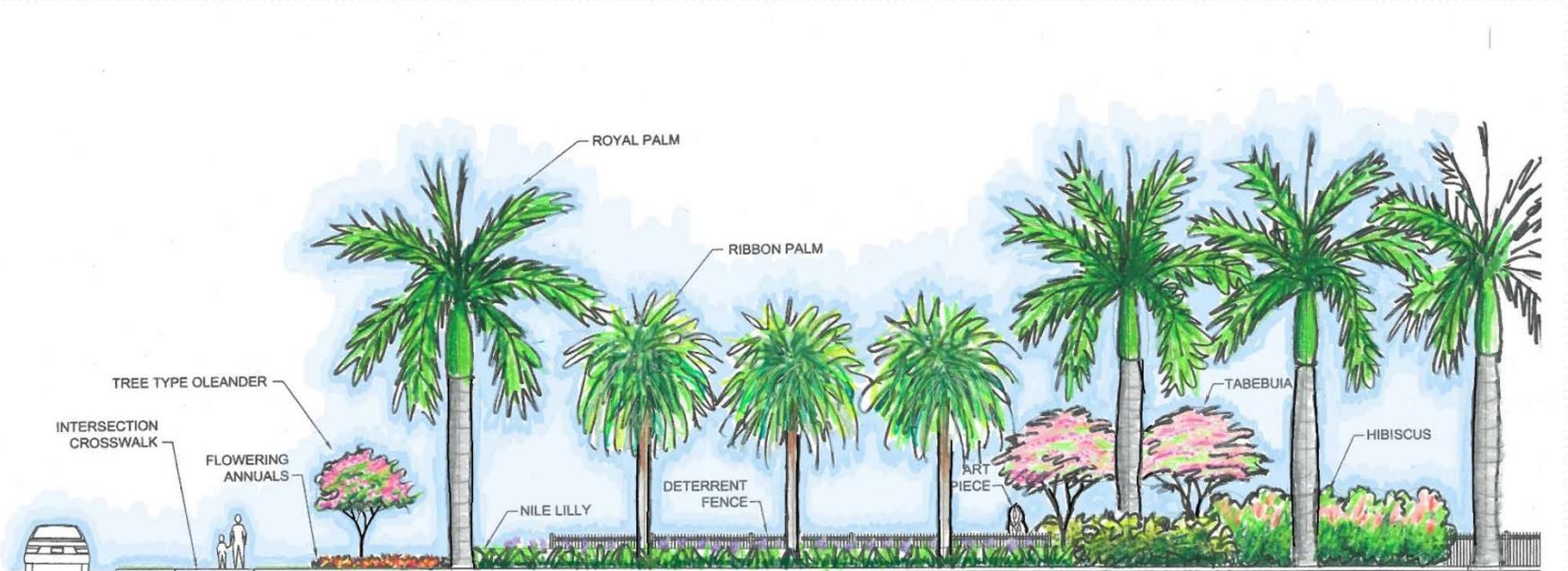
- Minimizing impacts to parking by only closing 1 side of Venice Ave parking at a time and only 1 segment (W or E of Nassau) of parking along Miami.
- Venice Ave – will have at least 1 travel lane EB and 1 travel lane WB during weekday/daylight hours
- Tampa Ave – will be constructed in Ph II (1-way travel WB) and Ph III (1-way travel EB)
- Miami Ave – will be constructed in Ph I (1-way travel WB staggered) and IV (1-way travel EB+parking)

# Proposed Landscape Improvements:



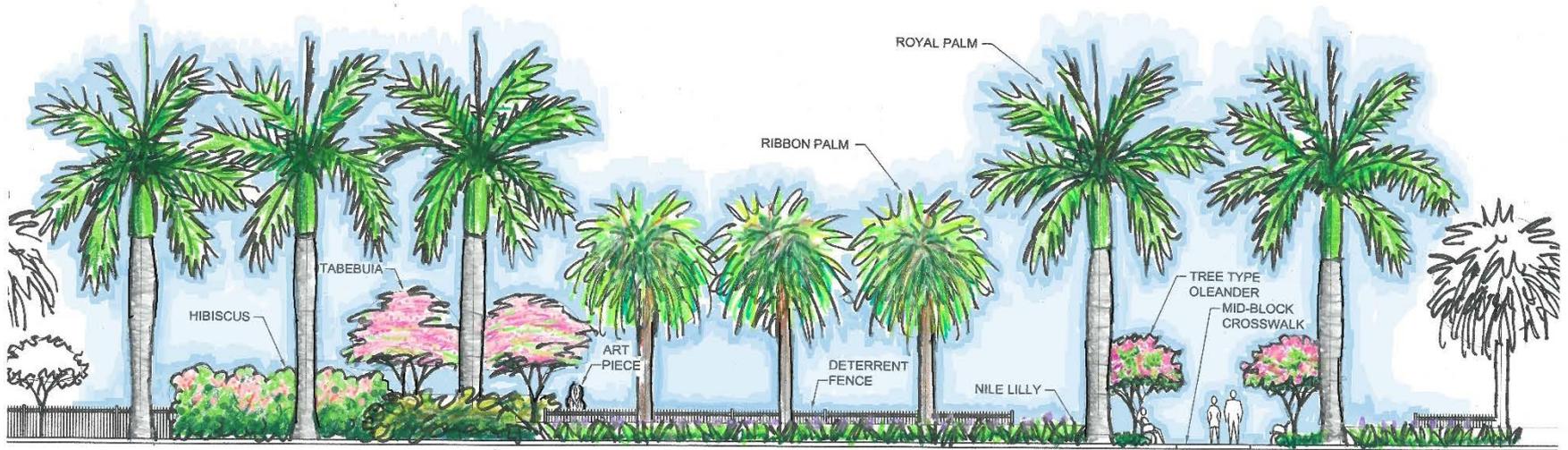
Typical Streetscape Plan View

# Proposed Landscape Improvements:



Typical Elevation of Median Landscaping  
at Intersection Crosswalks

# Proposed Landscape Improvements:



Typical Elevation of Median Landscaping  
at Mid-Block Crosswalks

# Proposed Landscape Improvements:



Typical Elevation of Median Landscaping  
Between Crosswalk Areas

# Proposed Landscape Improvements: Pavers



Brick  
(Venice Avenue)



Re-used Concrete  
(Miami Avenue)

# Proposed Landscape Improvements:



Sidewalk Tree Openings  
Bonded Aggregate

# Proposed Landscape Improvements:

## Street Furnishings



Bench



Bike Rack



Trash  
Receptacle



J-Walk  
Deterrent Fence

# Proposed Landscape Improvements:

## Palms



Royal Palms



Existing Washington Palms



Ribbon Palms

# Proposed Landscape Improvements:

## Trees



Bosque Drake Elms



Purple Tabebuia



Tree Type  
Oleander

# Proposed Landscape Improvements: Shrubs & Groundcovers



Seminole Pink Hibiscus



Cardboard Palm



Plumbago



Asian Jasmine



Fireball  
Bromeliad



Nile Lily



Dwarf Ixora

# Requested Council:

- Motion to Accept 60% Plans with any required revisions.

Questions?