

MIAMIBEACH
RISING
ABOVE

May 2024

First Street & South Pointe Stormwater Improvements Update to Commission

PUBLIC WORKS DEPARTMENT

Jacobs MIAMIBEACH

Meeting Agenda

- 1 Project Purpose
- 2 Project Timeline
- 3 Project Design Update
- 4 Project Budget and Construction Schedule Update
- 5 Parking Summary / Next Steps



Project Purpose

- **Reduce flooding** associated with intense rainstorms
- **Minimize street flooding** associated with sea level rise and tidal surges
- Upgrade underground utility infrastructure for **potable water and wastewater**
- Install **water quality drainage** wells to reduce environmental impact
- **Beautify the neighborhood** with added trees and vegetation
- Improve **walkability and safety**

Intersection of First and Alton



October 13, 2022

Intersection of First and



November 15, 2023

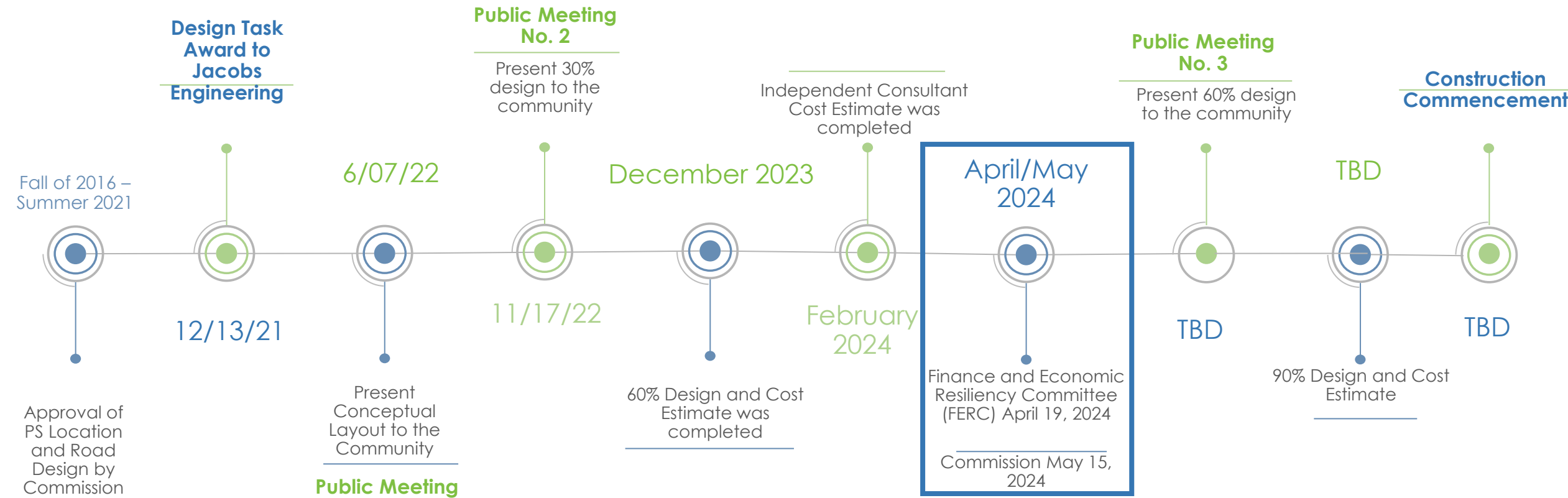


November 15, 2023



November 15, 2023

Project Timeline



Public Outreach

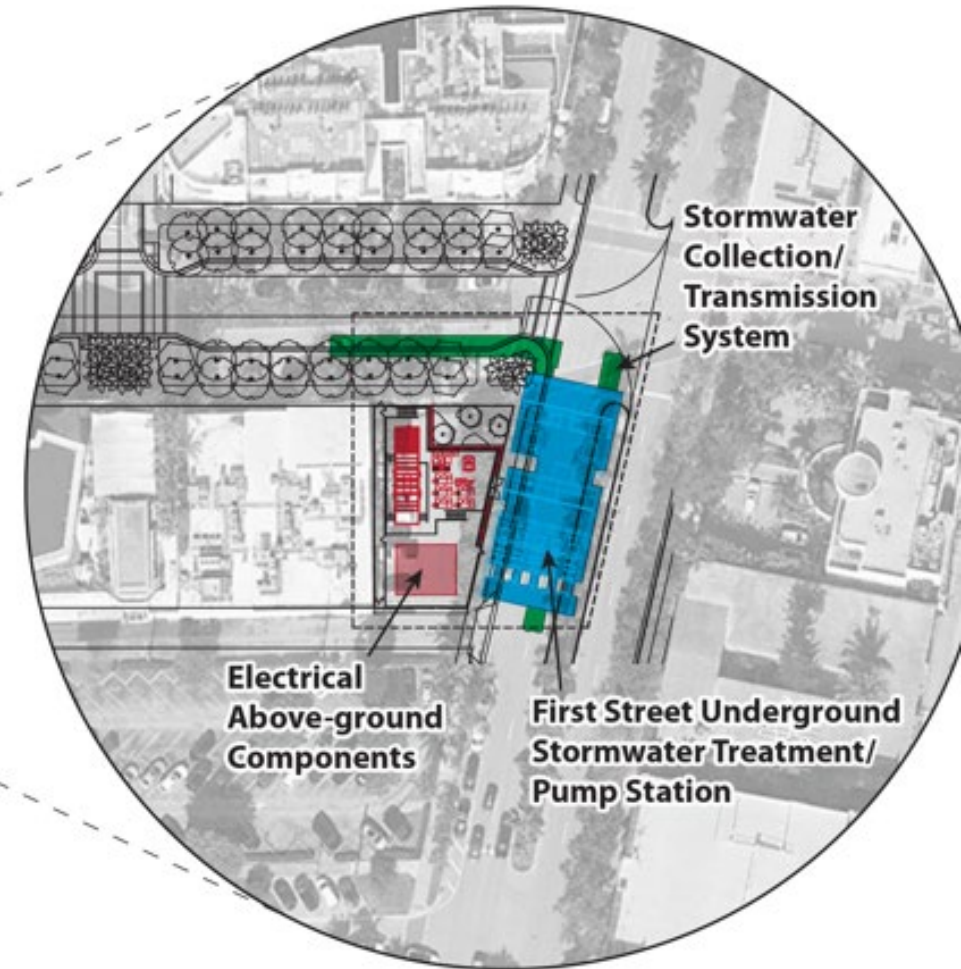
2016 – 2021:
Extensive public outreach to select Stormwater Treatment/ Pump Station site location.

Project updates will continue to be provided to the community as the project design progresses. Once construction commences, the community will be notified of any neighborhood impacts.

*This Schedule is subject to change.

Proposed Infrastructure Improvements (Commission Appvd. 2021)

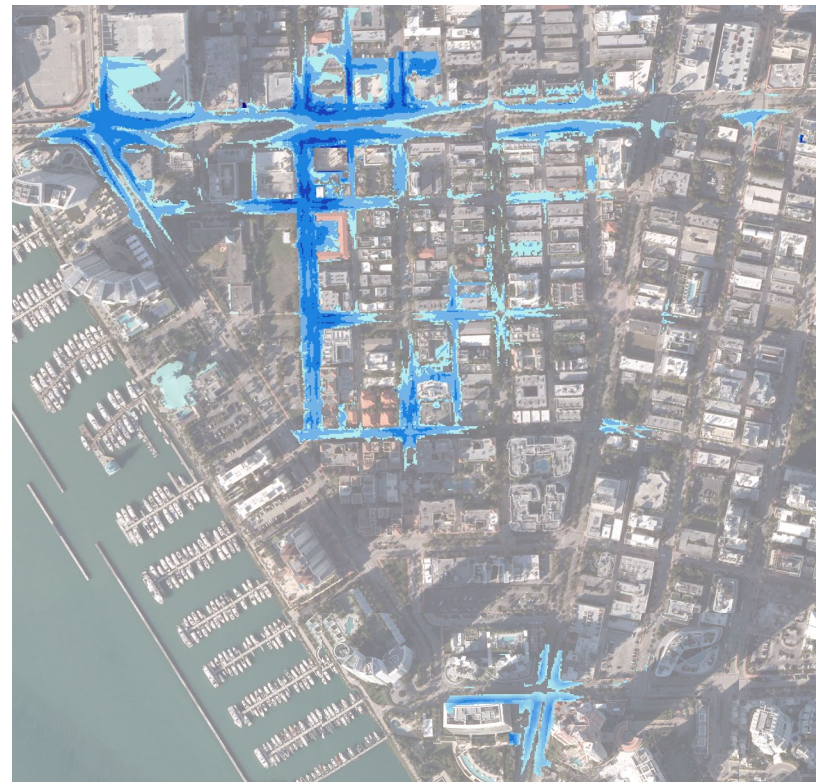
- Stormwater Collection, Treatment and Discharge
- Water and Sewer Upgrades
- First St. Reconstruction



Stormwater Management Improvements / Incremental Adaptation Approach



Existing Conditions
(Rainfall Event 8/1/17)



Flooding post Completion of
this project excluding South Pointe
Drive in the scope
(Rainfall Event 8/1/17)



Flooding post Completion of all
planned South of Fifth Neighborhood
Upgrades by future project
(Rainfall Event 8/1/17)

Screen Enclosure for Aboveground Electrical Components



1st Street – Current 60% Design- Road Raising Ave. ~1.5ft

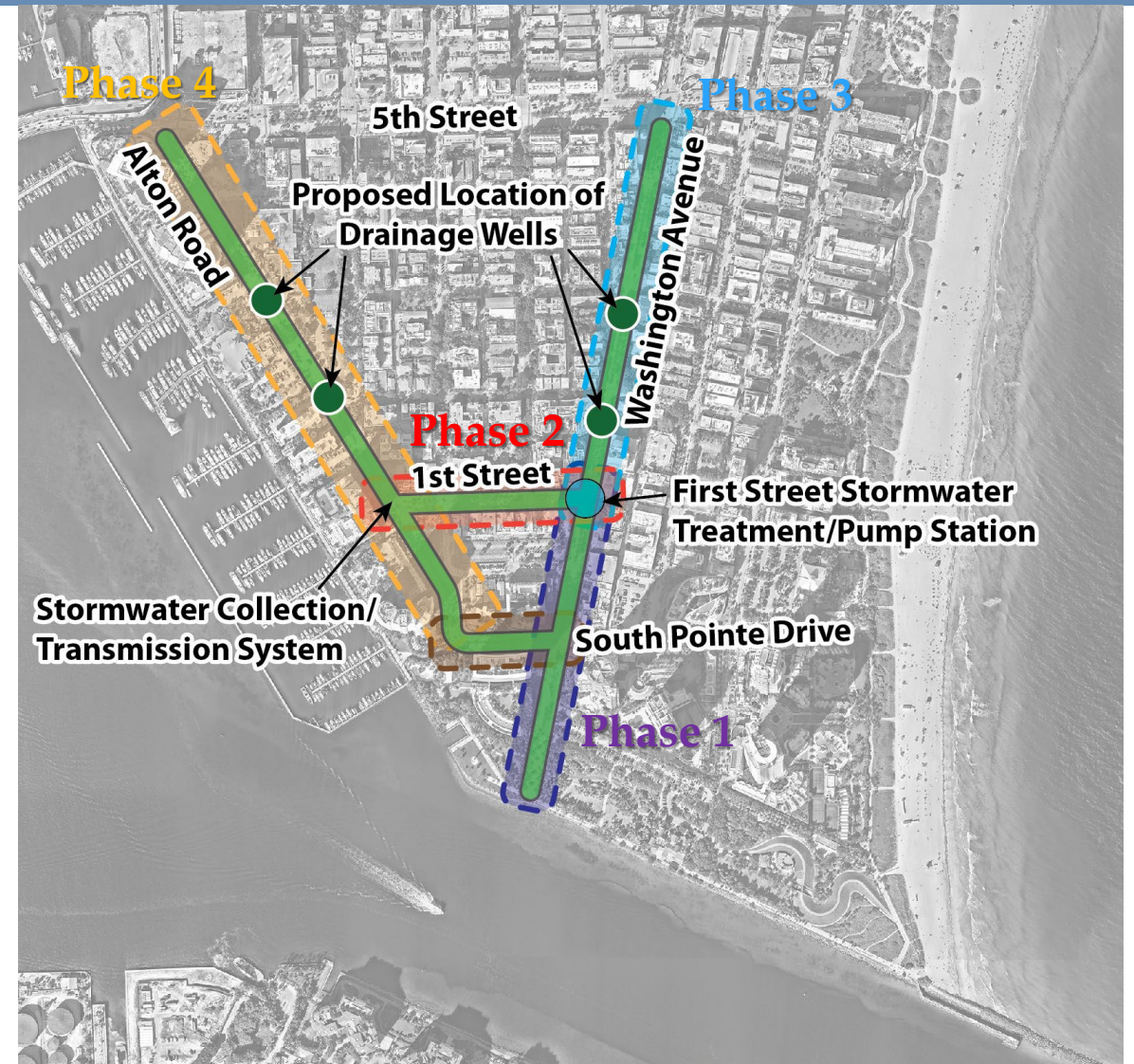


Overall Project Cost and Budget Update

- **Phase 1** – PS, FM & dissipator \$80M
- **Phase 2** – 1st Street \$24 M
- **Phase 3** – Washington Ave 1st to 5th Street \$34 M
- **Phase 4** – Alton Rd \$40 M
- **South Point Drive** – *Not included in Contract*

Total Project Cost (All Phases) = \$178M

- Available Funding \$81.4M
(\$41.4M City, \$35M Grant, \$5M GO Bond)
- Planning and Design Committed or Spent \$7M
- Total Funding Gap \$89.5M



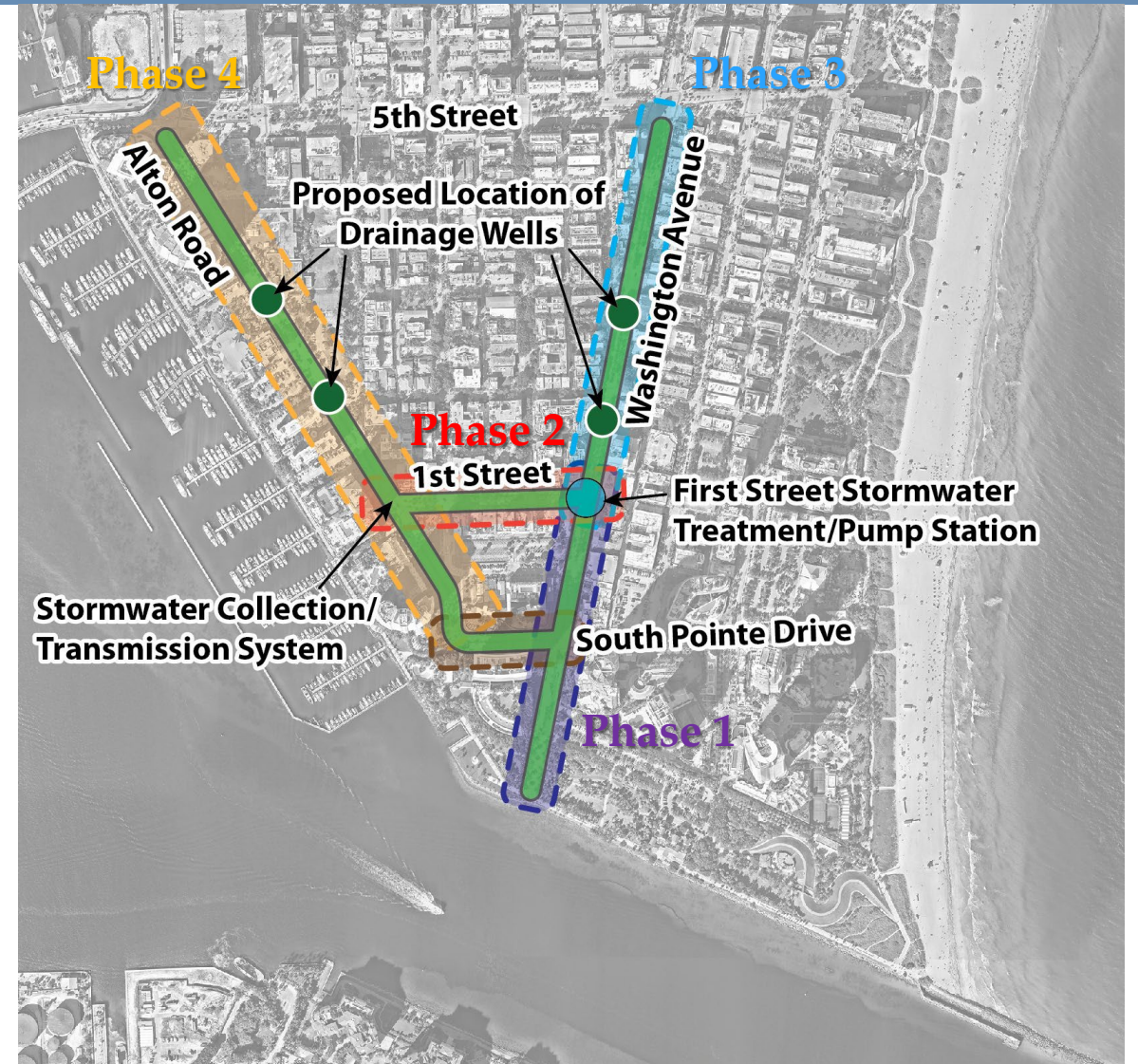
Construction Duration

- **Phase 1** – PS, FM & dissipator **17 Months**
- **Phase 2** – 1st Street **6 Months**
- **Phase 3** – Washington Ave 1st to 5th St. **9 Months**
- **Phase 4** – Alton Rd South Point to 5th St. **19 Months**

**Total Construction Time (All Phases) =
51 Months**

- **South Point Drive** – *Not included in Contract*

***On April 19, 2024, FERC gave a favorable recommendation to move forward with Phases 1 and 2 only with modified parking (diagonal layout)**



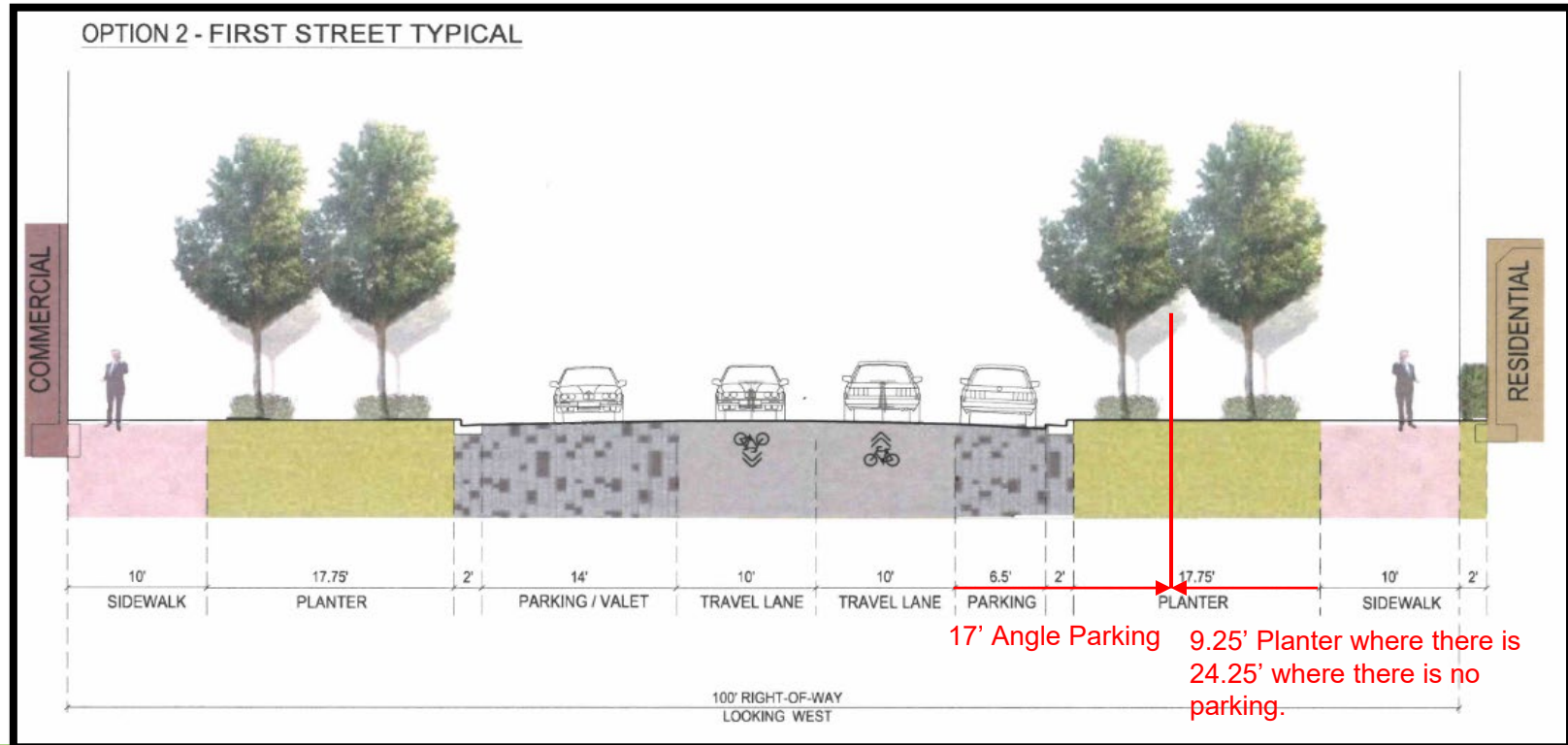
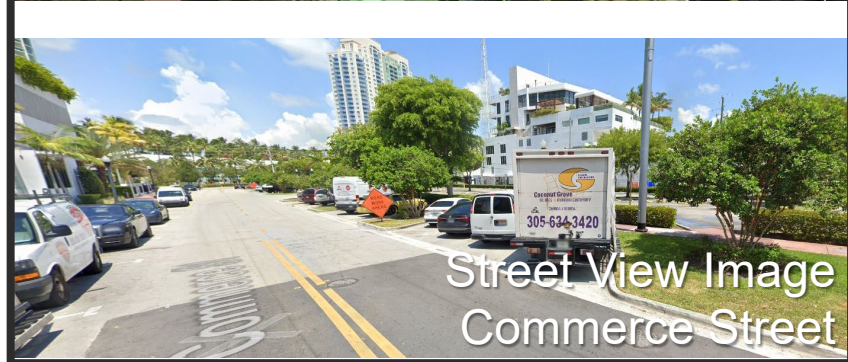
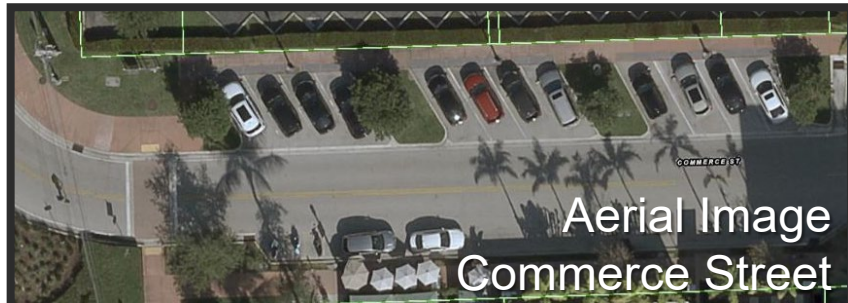
Construction Duration for First Street = 6 Months

- Scope: Drainage, Water, Sewer and Road Raising (average 1.5').
- West Bound traffic will be affected during Storm Pipe installation
- An open East Bound Lane will be maintained through construction. (Business Side)
- Local traffic and access will be maintained.

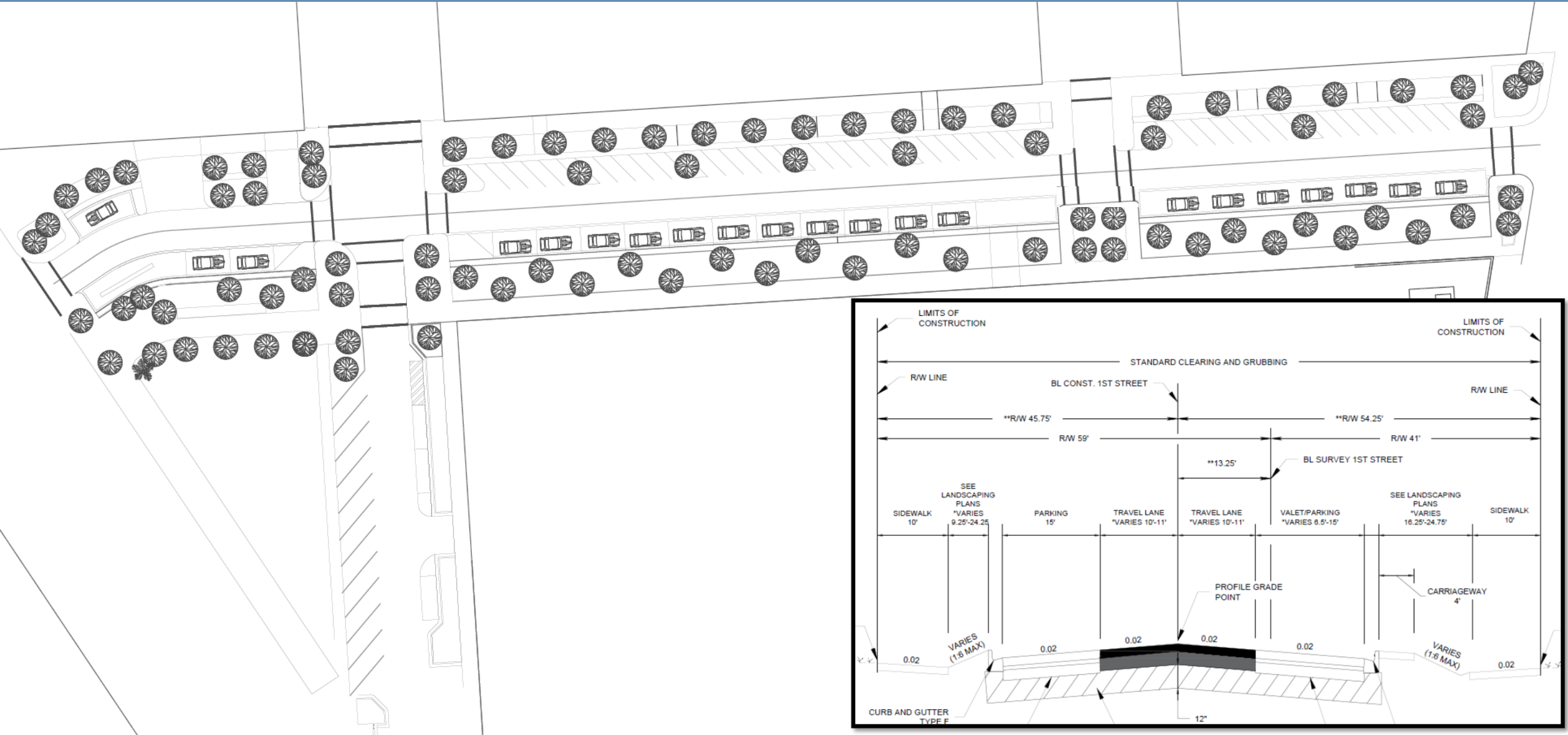
Parking Summary

Modifications to the Cross-Section for Additional Parking on First Street and Jefferson

Location	Existing	Parallel Current 60%	Angled (Diagonal) Parking (Proposed)
Active Parking First Street	64	36	62
Parking in Surface Lot	12	0	0
Parking on Jefferson Ave	9	12	15
Total	85	48	77



Adjusted Layout with Angled (Diagonal) Parking



Next Steps

- 1 Bring to Full Commission for Approval to re-start design for Phases 1 and 2 only
- 2 Re-Start Design Consultant
- 3 Continue to meet with Stakeholders, Businesses and Residents
- 4 Hold 60% Public Meeting w/Community
- 5 Complete Design in 2025 to Tentatively start construction mid 2026



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Questions

www.miamibeachfl.gov/firststreetproject

Thank You!

