



I-395/SR 836/I-95 DESIGN-BUILD PROJECT

Financial Project Numbers: 251688-1-52-01, 423126-1-52-01, 423126-2-52-01, 429300-2-52-01

FDOT District Six Management Council Meeting
August 25, 2020



PROJECT INFORMATION

- Partnership between the Florida Department of Transportation (FDOT) and the Miami Dade Expressway Authority (MDX)
- Design Build Project – entire project is currently under construction
- Construction Cost: \$818 million
 - FDOT: \$632 million
 - MDX: \$186 million
- Contractor: Archer Western – de Moya Joint Venture Team (JV Team)
- Notice to Proceed: July 2018
- Anticipated Completion: Fall 2024



COMMUNITY

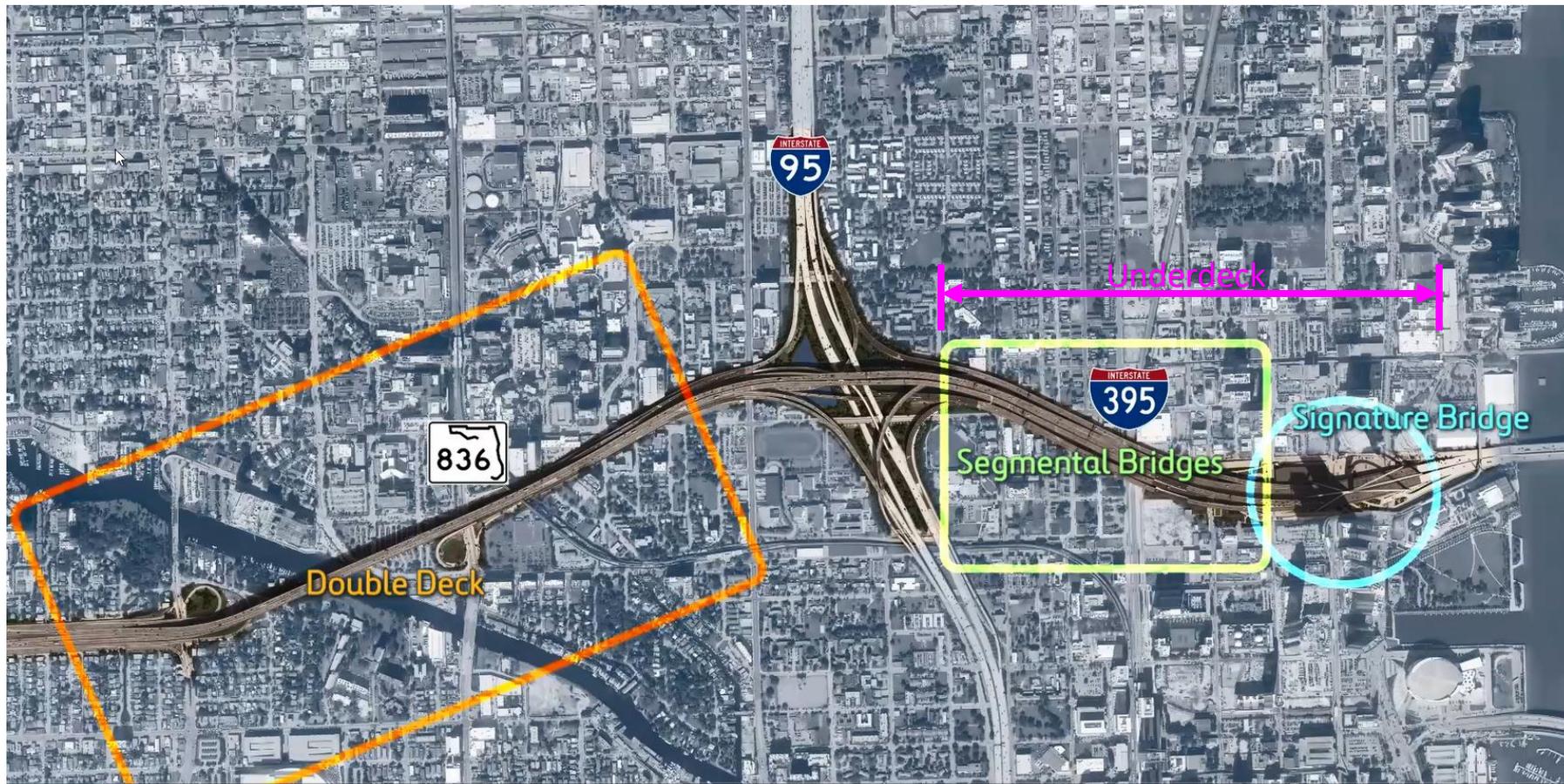


MOBILITY



SUSTAINABILITY

PROJECT LOCATION



Project Milestones





ONGOING AND UPCOMING CONSTRUCTION ACTIVITIES

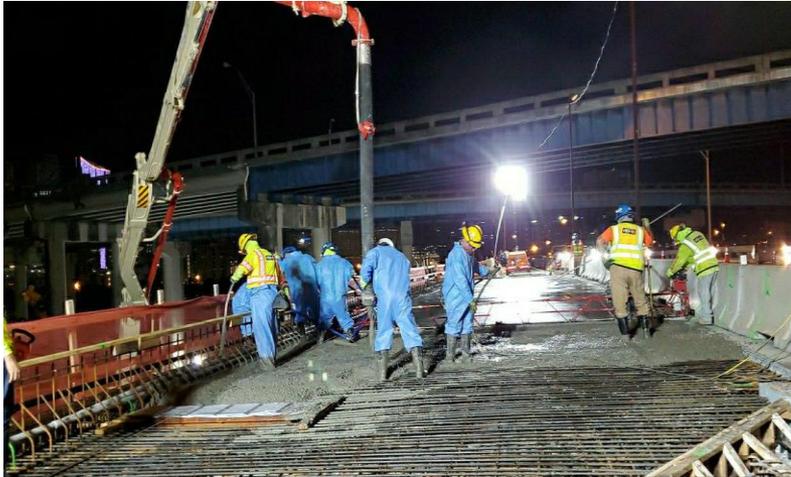
Ongoing nighttime closure on I-95 from NW 8 Street to NW 29 Street for concrete replacement on northbound and southbound lanes

- Total plan quantity of new concrete pavement is: **118,720 Square Yards**
- Total new concrete pavement placed to date is: **62,705 Square Yards**

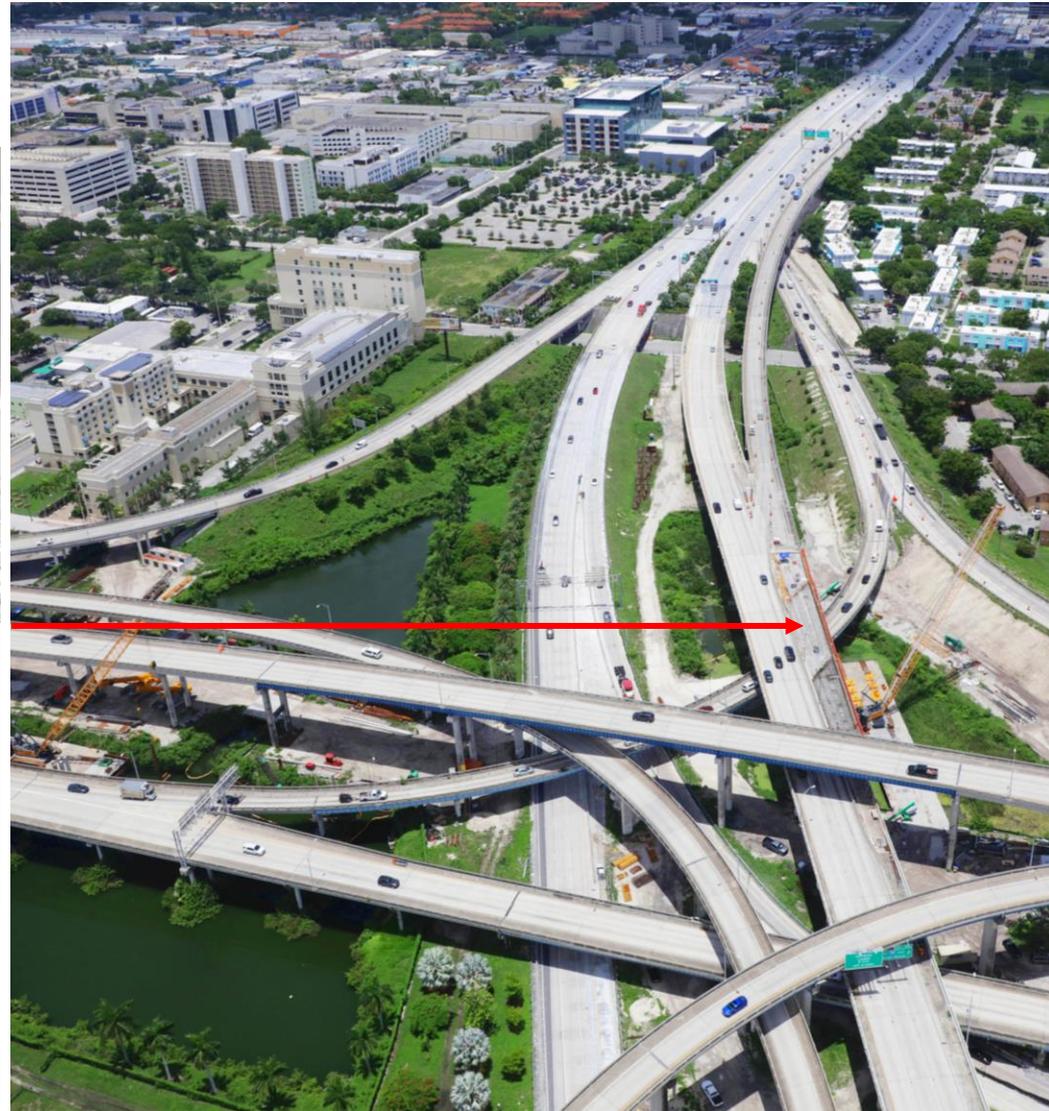




**ONGOING AND UPCOMING
CONSTRUCTION ACTIVITIES**



NB I-95 bridge over SR 836 ramp (Bridge 108)





**ONGOING AND UPCOMING
CONSTRUCTION ACTIVITIES**



Ongoing widening of the eastbound SR 836 ramp to northbound I-95 (Bridge 107) for an additional lane. Anticipated completion: Summer 2021.

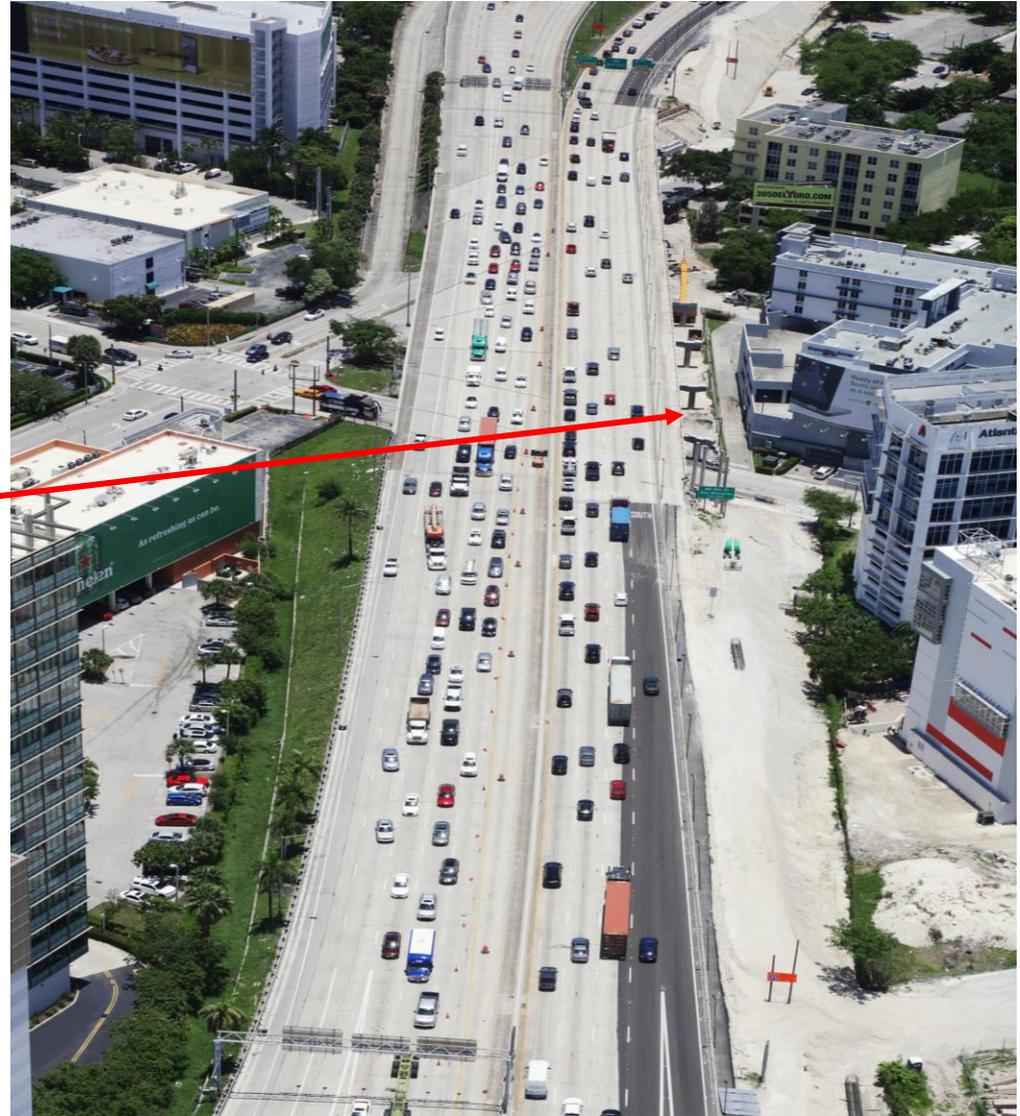




**ONGOING AND UPCOMING
CONSTRUCTION ACTIVITIES**



**Bridge widening on SR 836 near
NW 10 Avenue**





ONGOING AND UPCOMING CONSTRUCTION ACTIVITIES

Demolition of median area on SR 836
is ongoing west of the Miami River





**ONGOING AND UPCOMING
CONSTRUCTION ACTIVITIES**



Bridge widening on SR 836 at NW 17 Avenue



Sheet pile work on SB ramp to WB SR 836





ONGOING AND UPCOMING CONSTRUCTION ACTIVITIES

PILE FOUNDATIONS

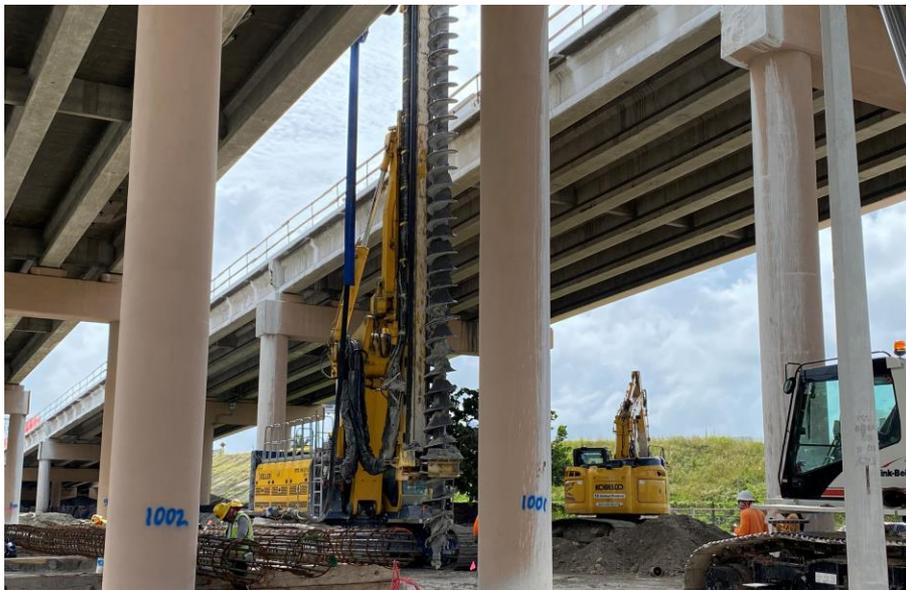
- Total of 91 piers requiring pile foundations. 39 have been completed.



Dolphin

ONGOING AND UPCOMING
CONSTRUCTION ACTIVITIESAUGER CAST PILE (ACP)
FOUNDATIONS

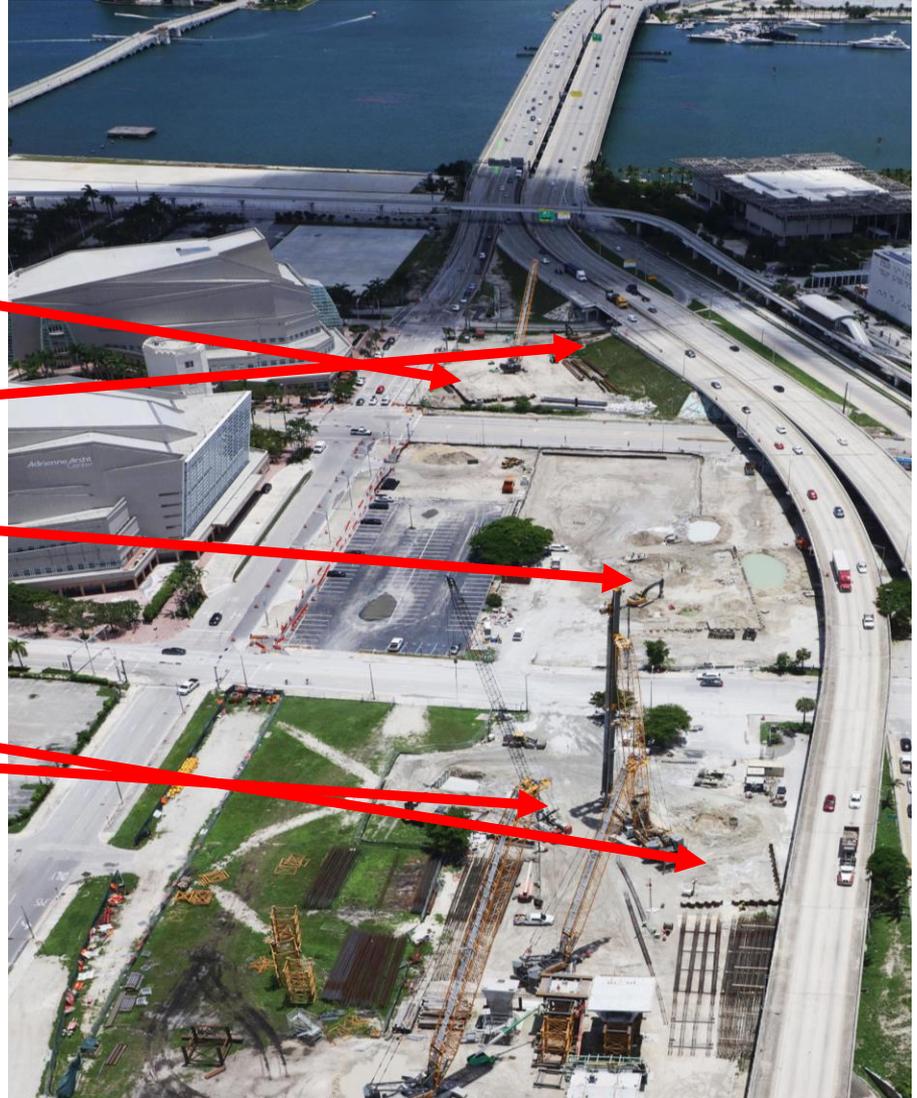
- ACP installation ongoing at SR 836, west of NW 12 Avenue.
- Total of 492 ACP will be used for viaduct foundations. 50 installed to date





ONGOING AND UPCOMING CONSTRUCTION ACTIVITIES

- ACP installation for signature bridge Arch # 4 foundation starting mid-September. Contractor preparing for Arch # 5 sheet pile
- Signature bridge center pier ACP completed – Total 128/128
- Ongoing ACP foundations for Arches # 1, # 2 and bridge pier 1L – Total: 61/81





ONGOING AND UPCOMING CONSTRUCTION ACTIVITIES

- Excavation of center pier foundation underway.
- Pouring of seal slab expected to take place in mid/late September and will require 2,500+ CY of concrete.

250+ X 

- Mass concrete pour for the footer scheduled for mid-December and will require 5000+ CY of concrete.

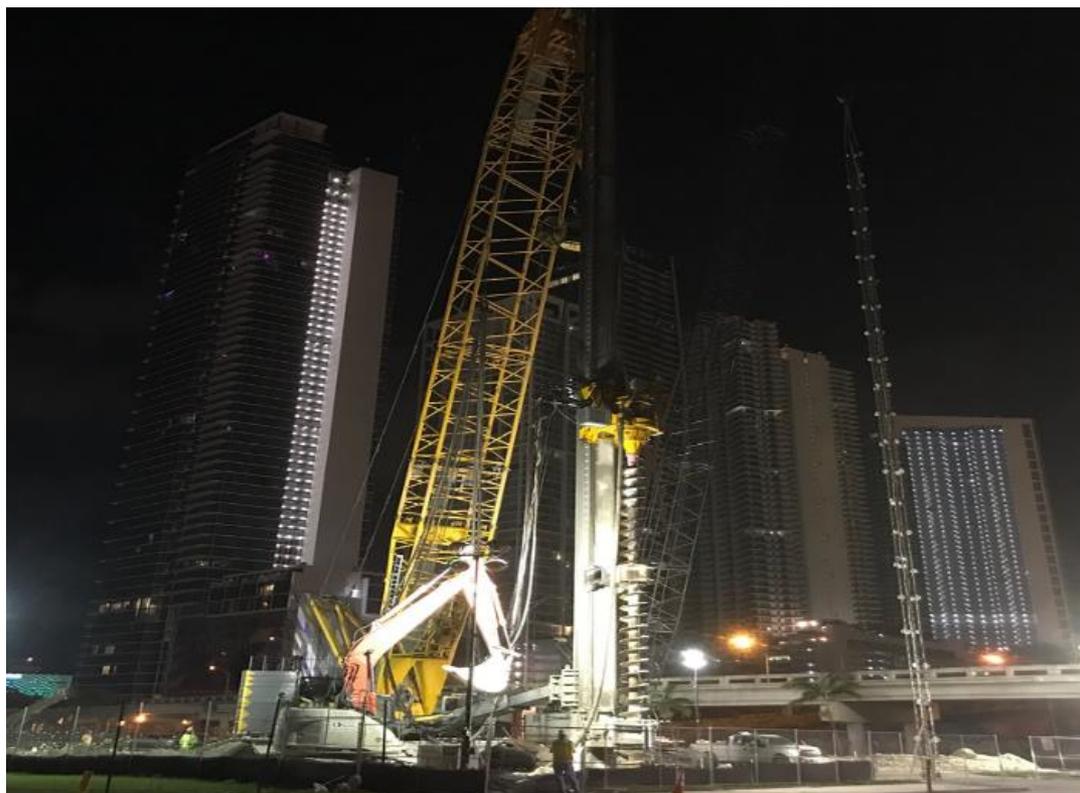
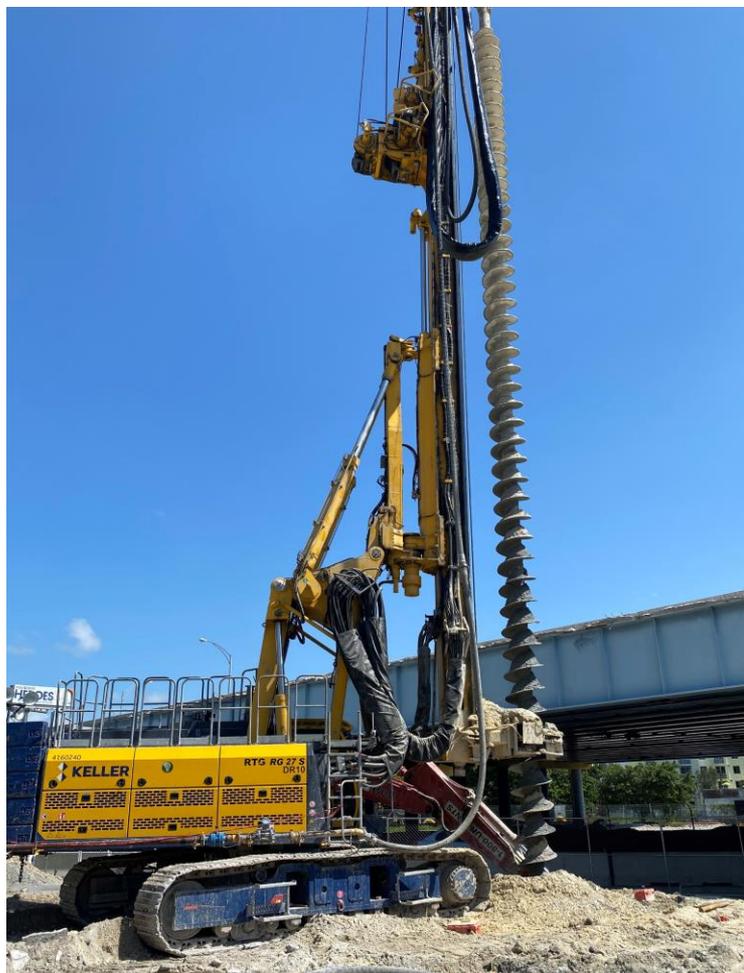
500+ X 



**ONGOING AND UPCOMING
CONSTRUCTION ACTIVITIES**

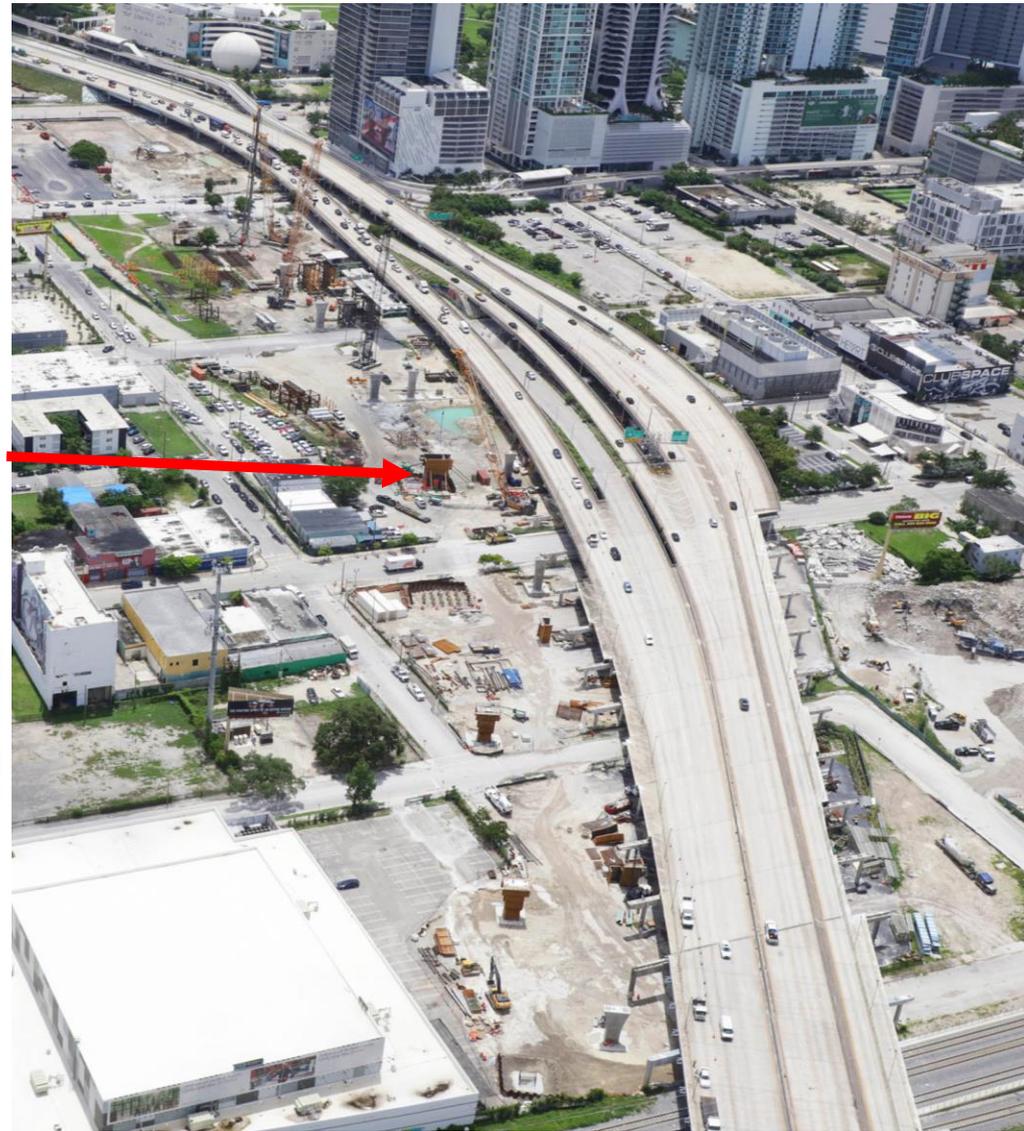
I-395 Segmental ACP – 355/857

I-395 Signature ACP – 189/520





ONGOING AND UPCOMING CONSTRUCTION ACTIVITIES



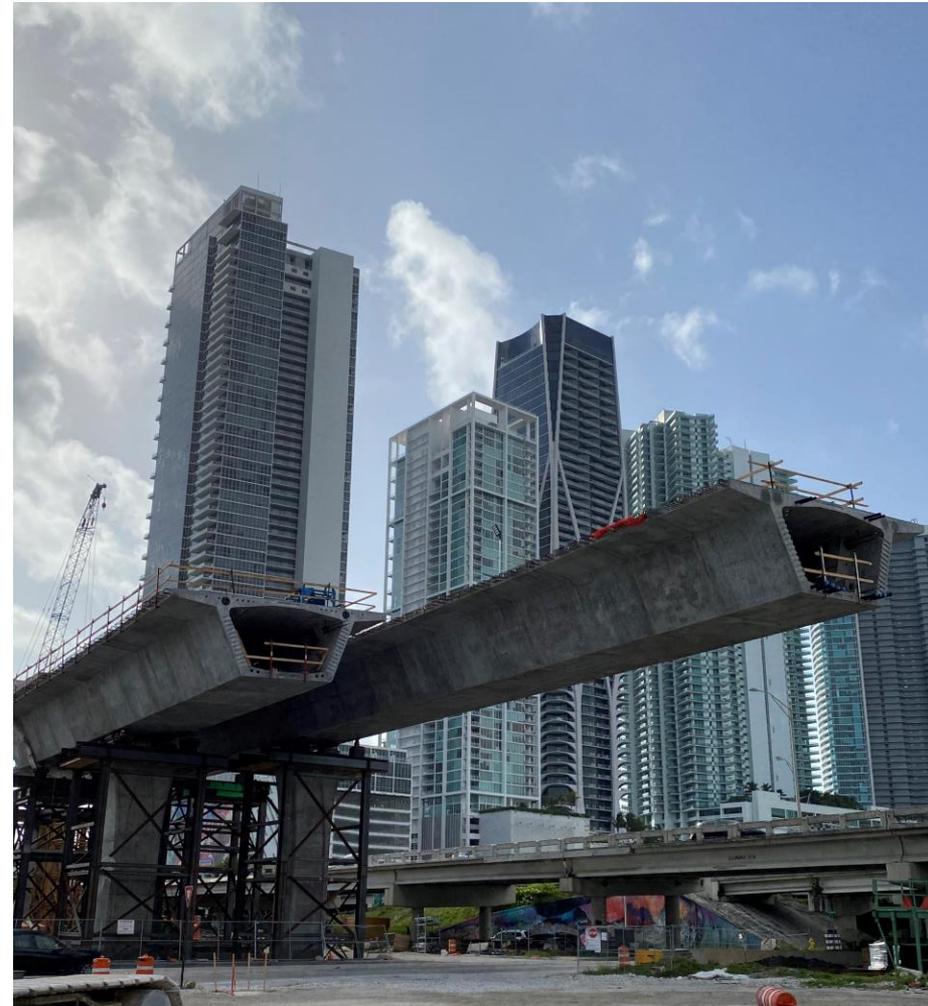
- Total number of I-395 Columns: 94
- Total number completed to date: 14



**ONGOING AND UPCOMING
CONSTRUCTION ACTIVITIES**



Bridge segments for I-395 weigh between 50 and 93 tons each



Segments erected to date: 36



SEGMENTAL CASTING YARD



Total Segments: 1949
Total Segments Cast to Date: 270
Segments Cast per Week: 12-14





I-395 UNDERDECK

MIAMI HERITAGE TRAIL

Concept Plan | Basis of Design
March 31, 2020

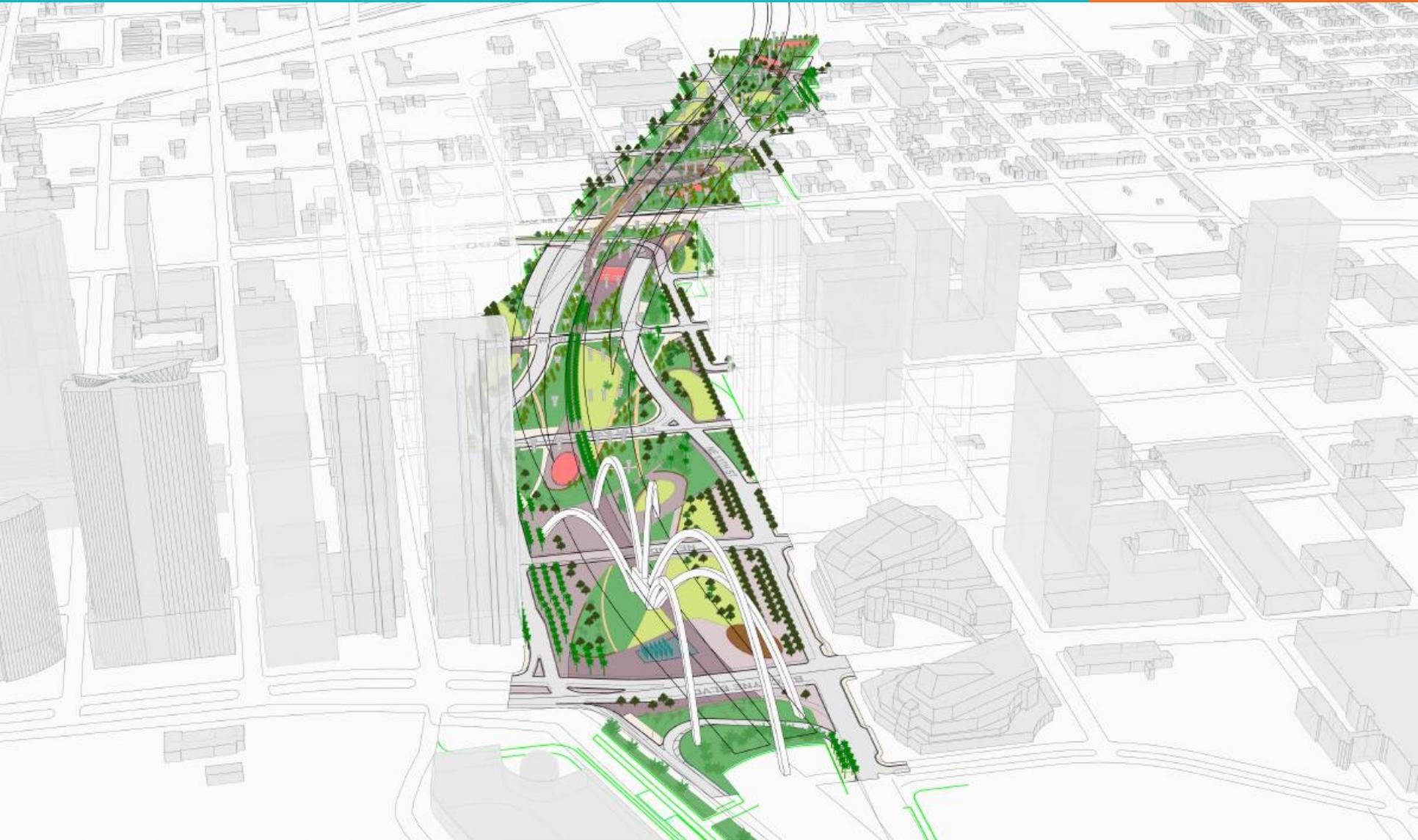
CITY OF MIAMI | WSP | HR&A ADVISORS | HARGREAVES JONES | TOUZET

395 Underdeck

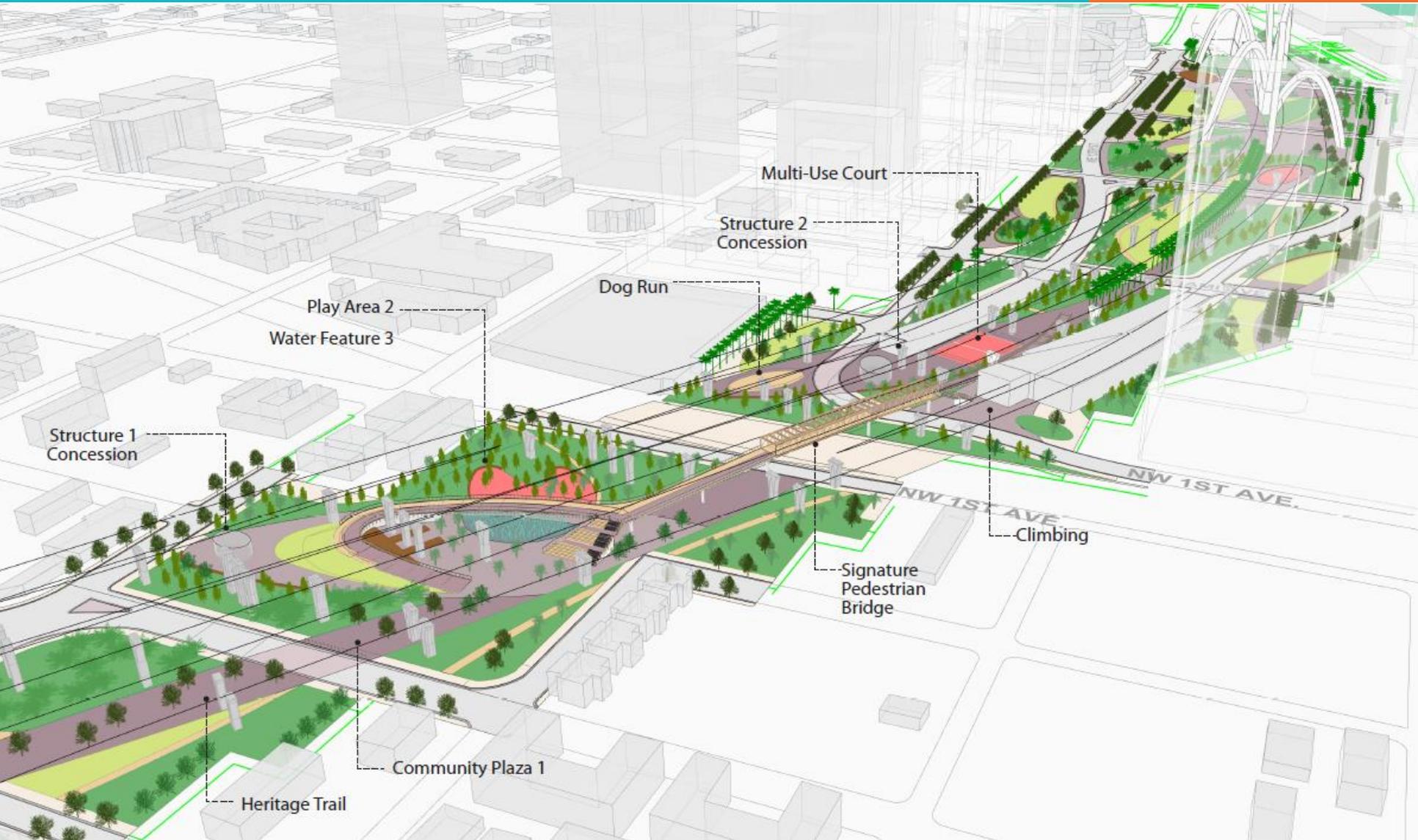
MIAMI I-395 UNDERDECK

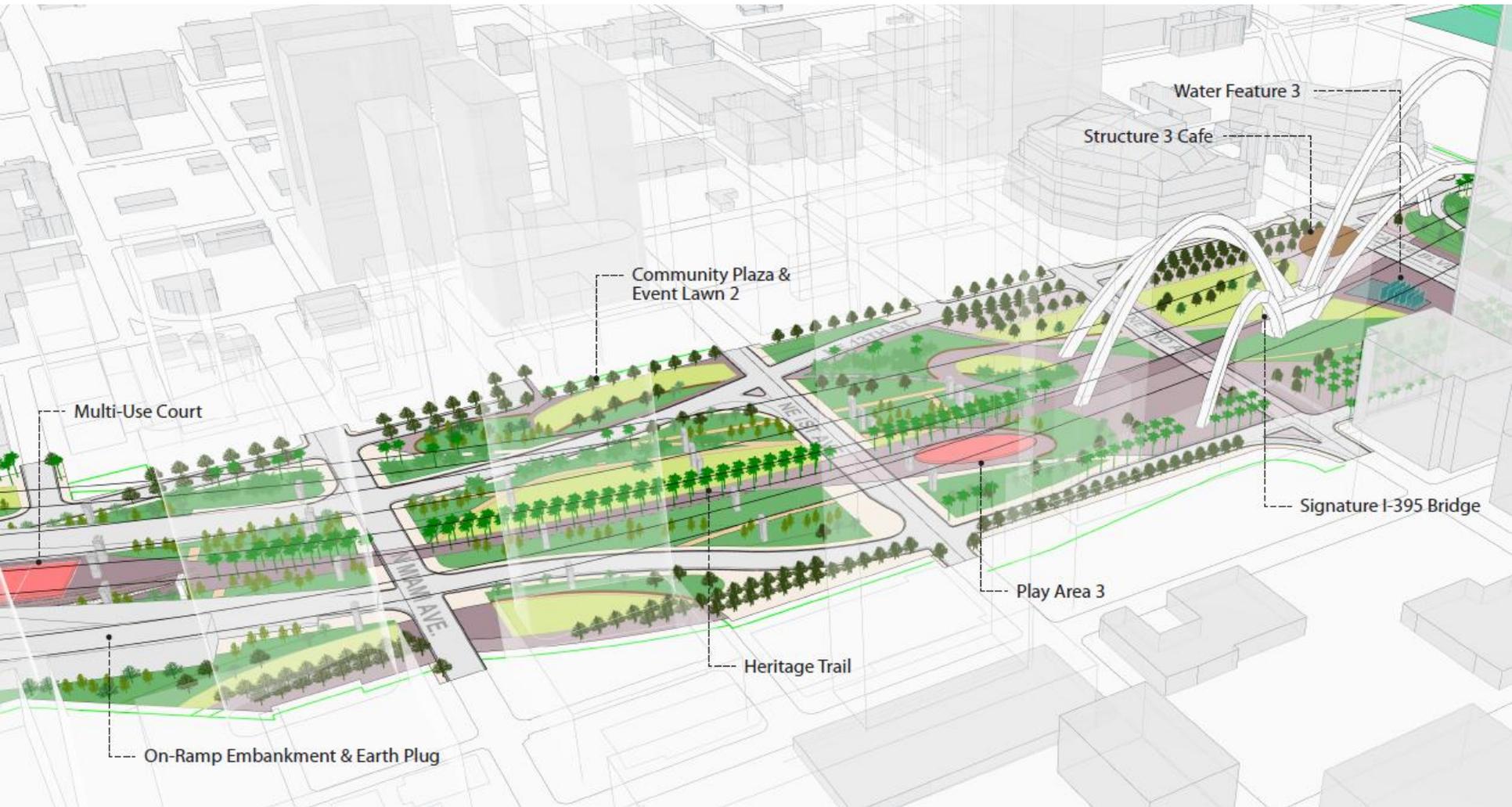














GROUND VIEW | CIVIC WATERFRONT



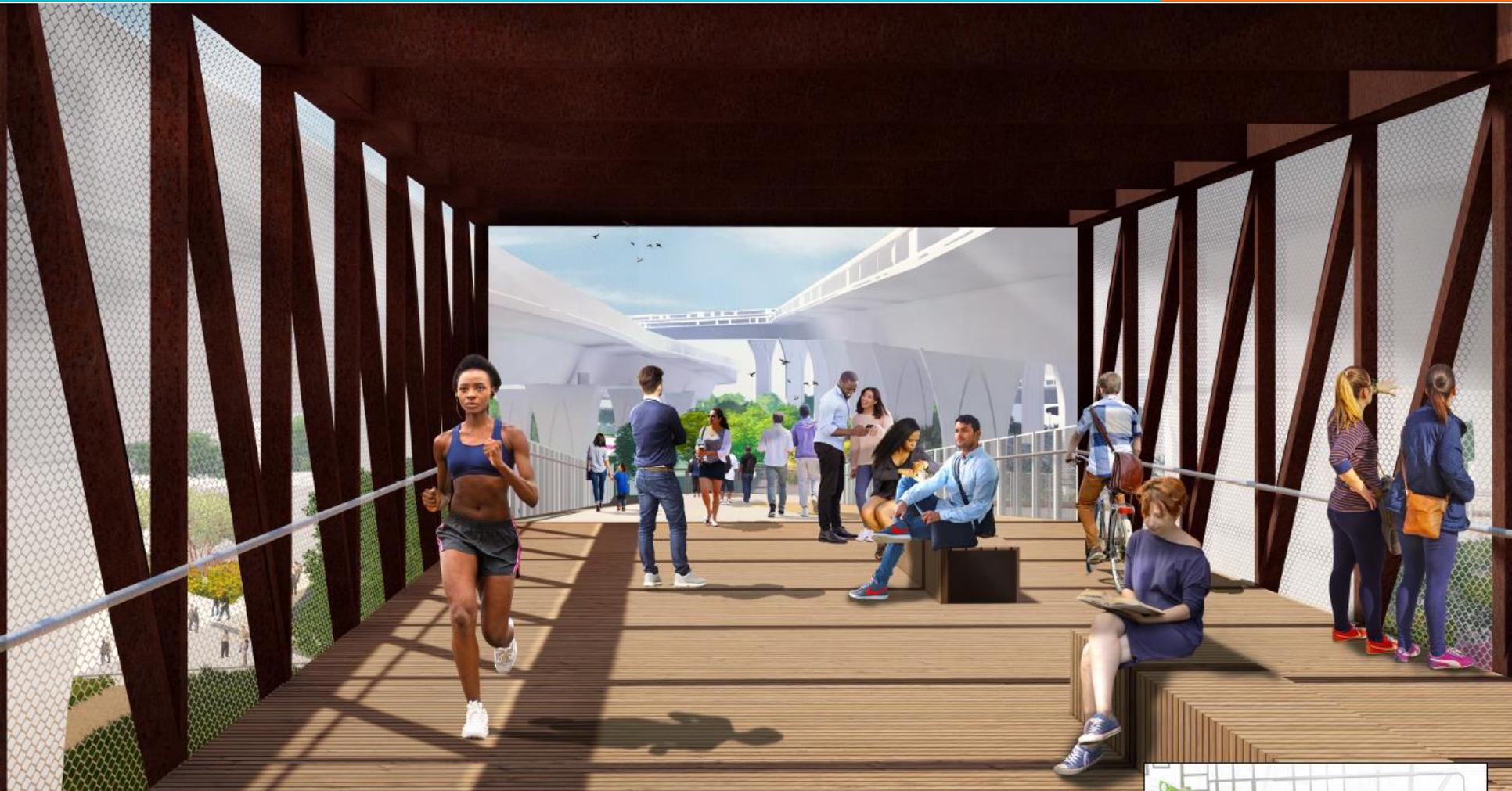


GROUND VIEW | HERITAGE TRAIL & GARDENS



GROUND VIEW | LIVE, WORK, PLAY





GROUND VIEW | SIGNATURE PEDESTRIAN BRIDGE



GROUND VIEW | ACTIVE HEART





GROUND VIEW | COMMUNITY PLAZA





GROUND VIEW | OVERTOWN NEIGHBORHOOD GREEN



THANK YOU!

www.i-395miami.com



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