

AGENDA
Urbanism Committee

*200 South Biscayne Blvd., Suite 2929
Miami, FL 33131
Alyce M. Robertson Conference Room*

Monday, July 8, 2024
9:00AM

URBANISM COMMITTEE MEMBERS:

Melissa Tapanes Llahues, Chair
Commissioner Eileen Higgins
T. Spencer Crowley, III
Patrick Goddard
Nicolas “Nick” Katz
Maryam Laguna Borrego
Jose Mallea
Gary Ressler

MIAMI DDA STAFF LEAD:

Neal Schafers, Head of Urban Planning, Miami DDA

1. WELCOME & ROLL CALL

- Welcome – Melissa Tapanes Llahues, Miami DDA Urbanism Committee Chair
- Roll Call & Public Comment – Elvira Manon, Miami DDA, Executive Board Secretary

2. URBANISM PRESENTATIONS/DISCUSSION ITEMS

- Downtown Circulator – Freebee Update and Report, Claudia Miro, Director of Business Development & Government Affairs, Freebee
- I-395 Pedestrian & Bikeway Bridge: 3 Design Alternatives, Neal Schafers, Head of Urban Planning, Miami DDA

3. Urban Planning Updates

- Miami DDA Urban Planning Updates, Neal Schafers, Head of Urban Planning, Miami DDA

4. MEETING ADJOURNMENT

Next Urbanism Committee meeting: Friday, October 11, 2024, at 11:00a.m.



freebee +

MIAMI DDA
COMPLEMENTARY
DOWNTOWN
CIRCULATOR

Need a
FREE
Ride?

**Just
Wave
Us
Down**



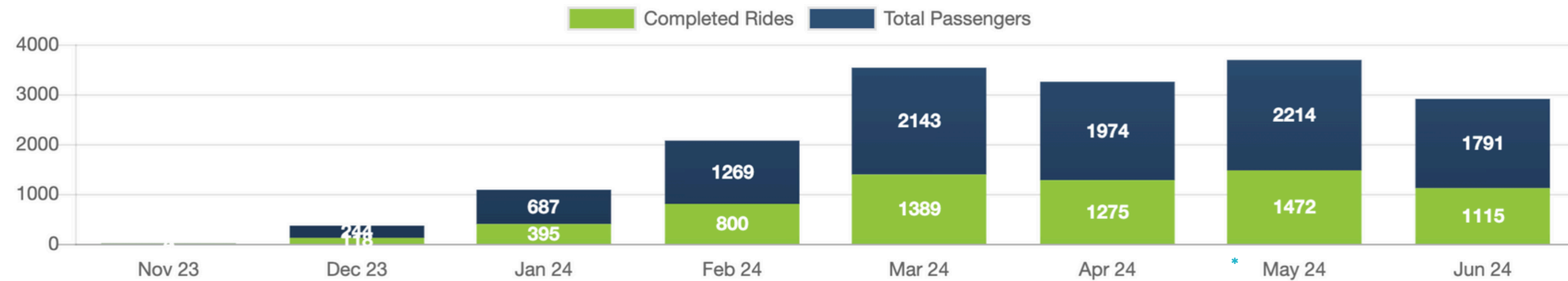
FREEBEE DDA CIRCULATOR UPDATE

July 2024



RIDERSHIP GROWTH

PASSENGERS AND RIDES BY MONTH (YTD)



*March Increase in tourism due to spring break and Ultra Music Festival.

**Drop in June ridership due to excessive rain during month

ON-DEMAND VS. CIRCULATOR

- Both solutions play an important role in the transportation landscape of Downtown Miami.
- The on-demand service primarily serves residents and workers in the area, while the fixed route service currently serves tourists and spontaneous local ridership.
- Our on-demand service also allows for greater data collection capabilities and insights about our riders.
- Comparing the last 3 months of service:
 - On-Demand = 9,706 Riders
 - Fixed Route = 5,979 Riders
- On-Demand ridership is:
 - 62% higher
 - 5% less operating hours than Circulator

MPA On-Demand Service Comparison:

- The MPA On-Demand service has been operational since October 2020, designed to connect riders to all that Downtown Miami has to offer without the need for a personal vehicle.
- Another key objective was to provide a convenient "park once" option for those who do drive, ensuring easy access to all Downtown Miami attractions.
- The program launched amidst the COVID-19 pandemic, resulting in slower ridership growth during 2020-2021.
- Ridership Growth:
 - Ridership increased by 36% from 2022 to 2023.
 - Over the past year:
 - 28% increase in demand.
 - 13% year-over-year growth in ridership.
- Despite increasing demand, the fleet size has remained the same, limiting our ability to maximize ridership.
- The service boasts a 98.4% user satisfaction rating.

Freebee's On-Demand vs. Fixed Route Services (Other Municipalities)

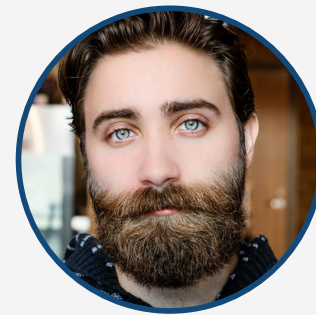
- We currently operate on-demand services in over 40 communities throughout Florida.
- Ridership in these communities varies monthly between 1,000 passengers - 15,000+ passengers based on the level of service designed by each municipality, influenced by factors such as:
 - Total Fleet Size
 - Size of Service Area
 - Population Density
 - Desired Level of Service
- On-Demand service has consistently outperformed Fixed Route service in municipalities where both are offered:
 - Key Biscayne: Average of 6,400 passengers (On-Demand) vs. 3,300 passengers (Fixed Route)
 - Coconut Grove: Average of 6,632 passengers (On-Demand) vs. 2,800 passengers (Fixed Route)

CONSUMER COMMENTS

Freebee offers an exceptional customer experience, marked by convenience, engagement, and community connection. Customers relish the seamless ease of use, which makes moving around town not just simple but also enjoyable.



"Always a delight, adds happiness to my morning and that's what your service provides." ~ Sam P.



"Your Tesla drivers deliver the best customer service." ~ Mitch B.



"Professional and courteous as always. Thank you!" ~ Mary H.



"Eduardo was very nice and gave us some great information and advice. Thank you!" ~ James R.



"Your service provides us emotional support in some ways so it's very very critical" ~ Julie A.



MOVING FORWARD

High Level Analysis

- We anticipate continued growth for the DDA Circulator service and plays an important role within the Downtown Miami transportation landscape
- Looking ahead, the decision to maintain the Circulator or enhance the On-Demand system will be guided by the goals and objectives of the Miami DDA.

Recommendation

- Transform the service into a point-to-point flex loop for greater flexibility.
 - Vehicles stay on route until passengers board, then provide direct transport within the Downtown Core.
 - This will boost ridership and customer satisfaction by offering a more personalized transportation option.
- Once the funding of FDOT grant is approved:
 - 1. Maintain current level over service for the Circulator
 - 2. Use the additional funding to enhance the Downtown on-demand system in partnership with MPA
- This will create a robust, complementary transportation network for residents, workers, and visitors of Downtown Miami, significantly enhancing the quality of life for everyone.





THANK YOU

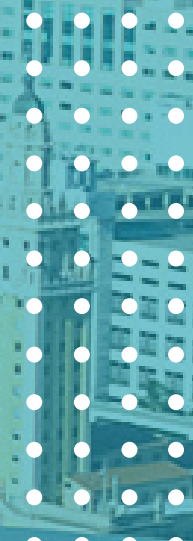
CLAUDIA MIRO



(786) 539-6873



www.RideFreebee.com





CONNECTING THE CITY TO THE WATER

MIAMI BAYWALK

5-Mile Pedestrian & Bikeway Path Along Biscayne Bay



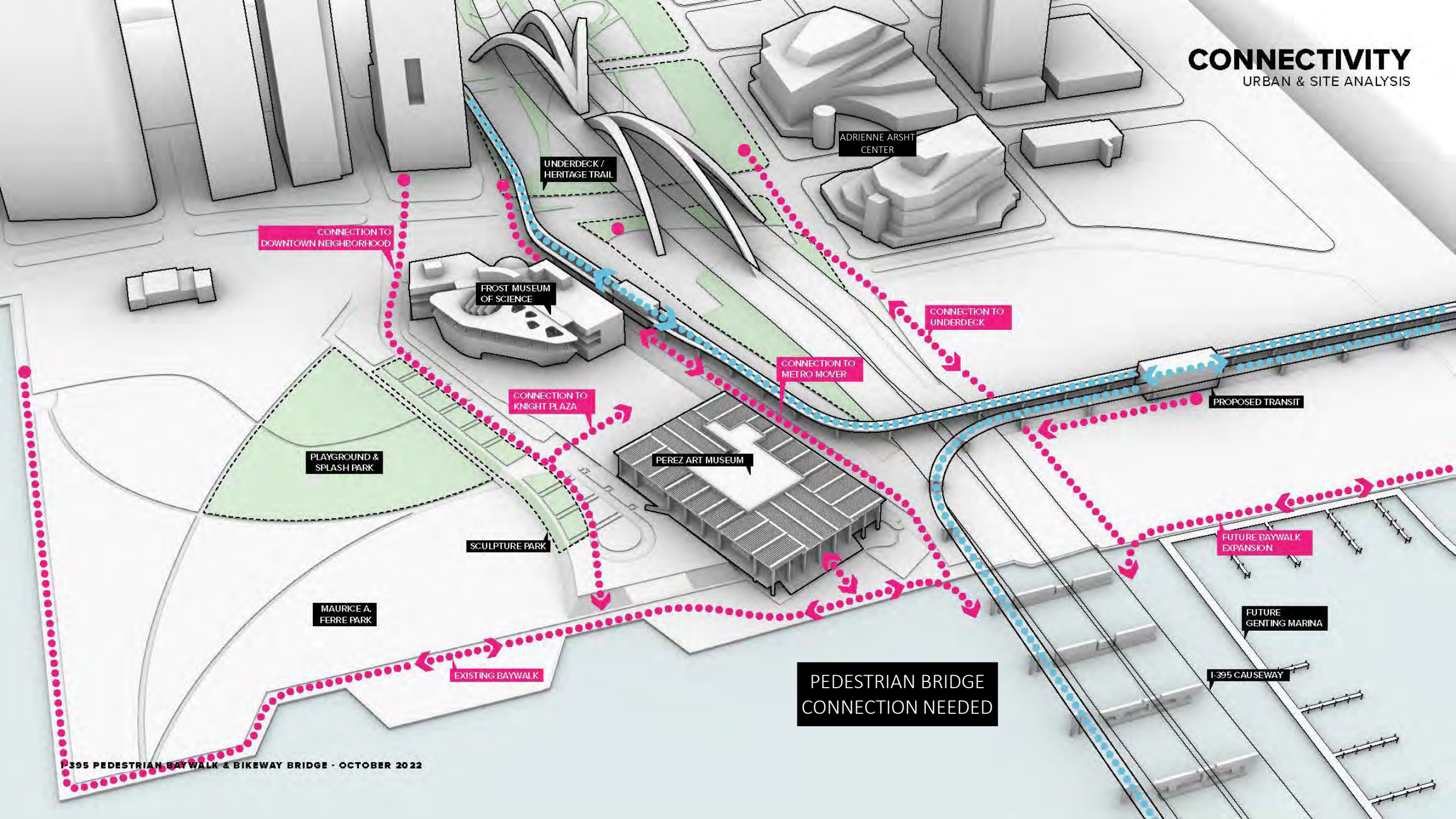
I-395 BAYWALK PEDESTRIAN & BIKEWAY BRIDGE

- **88%** of the Downtown Miami Baywalk is currently complete.
- The most significant barrier remaining is underneath the MacArthur Causeway from Maurice Ferre Park in the south to the former Herald Site in the north.
- Insufficient clearance at the seawall to allow pedestrians/bicycles to traverse underneath.
- This ends the Downtown Baywalk and does not offer connections to Edgewater & Overtown.
- This creates a dangerous pedestrian detour & bicycle detour: $\frac{3}{4}$ mile with vehicular conflicts.
- Lack of equitable access to the City's waterfront promenade and parks.
- Lack of waterfront access to civic institutions: Pérez Art Museum and Frost Science Museum



CONNECTIVITY

URBAN & SITE ANALYSIS



PEDESTRIAN BRIDGE CONNECTION NEEDED



PED BRIDGES AS PLACEMAKERS

International



Elizabeth Quay Bridge - Perth, Australia



Ruyi Bridge – Sichuan, China



Quarto Ponte sul Canal Grande - Venice, Italy



Helix Bridge - Marina Bay, Singapore



Webb Bridge - Melbourne, Australia



Millennium Bridge - London, England

PED BRIDGES AS PLACEMAKERS

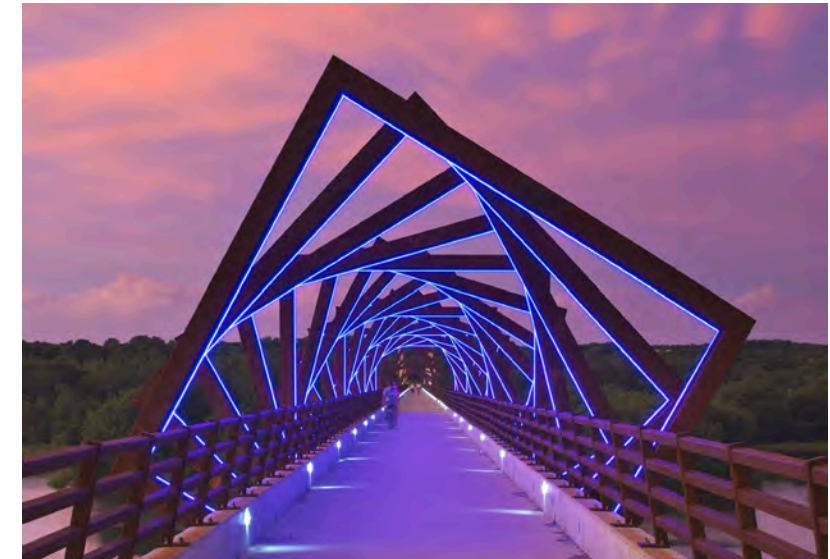
North America



Michael S. Van Leesten Memorial Bridge – Providence, RI



BP Millennium Bridge, Chicago, IL



High Trestle Trail Bridge, Madrid, Iowa



Tampa Riverwalk – Tampa, FL



Glacier Skywalk – Jasper, Canada



Peace Bridge, Calgary, Alberta, Canada





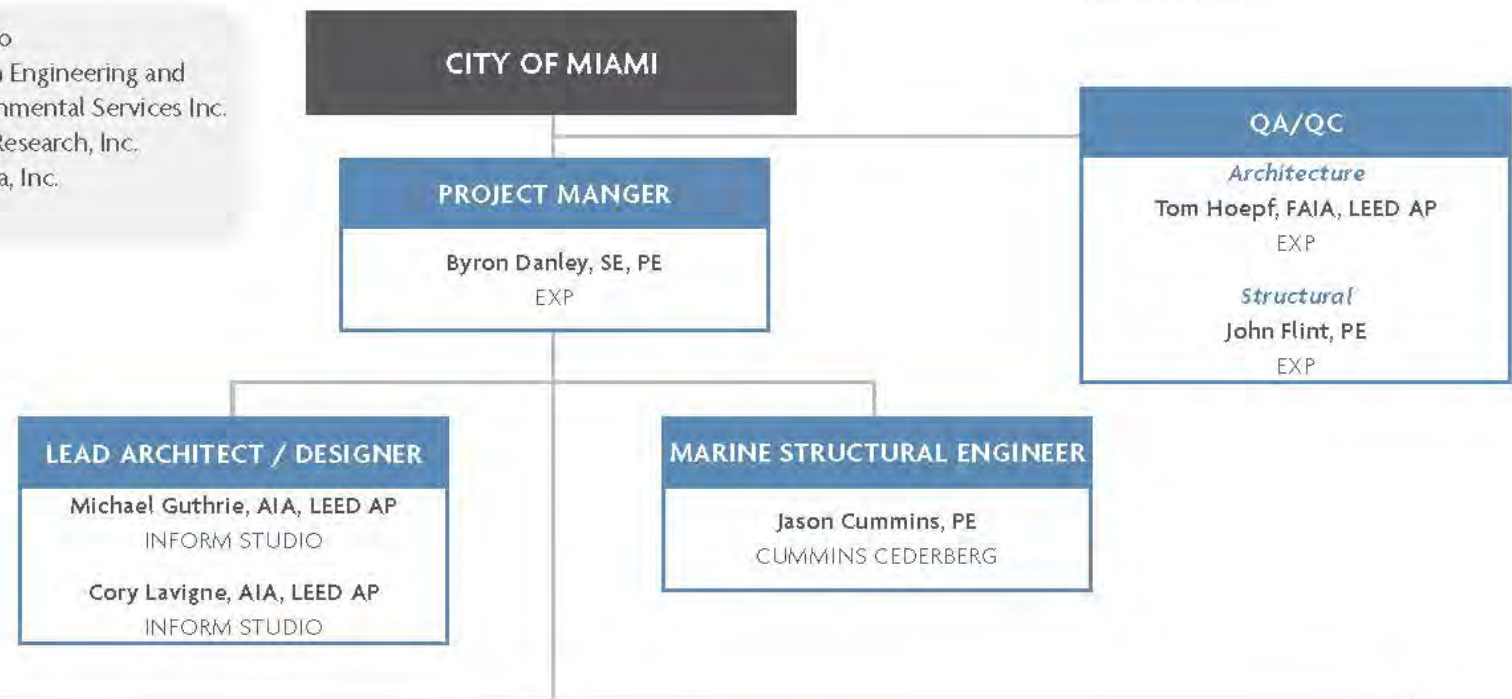
TEAM ORGANIZATIONAL CHART

A.13 TEAM ORGANIZ

Project Team

Exp U.S. Services Inc.
Inform Studio
Cummins Cederberg, Inc.
Hazen & Sawyer, P.C.

ArgGeo
Langan Engineering and Environmental Services Inc.
Janus Research, Inc.
Pedelta, Inc.



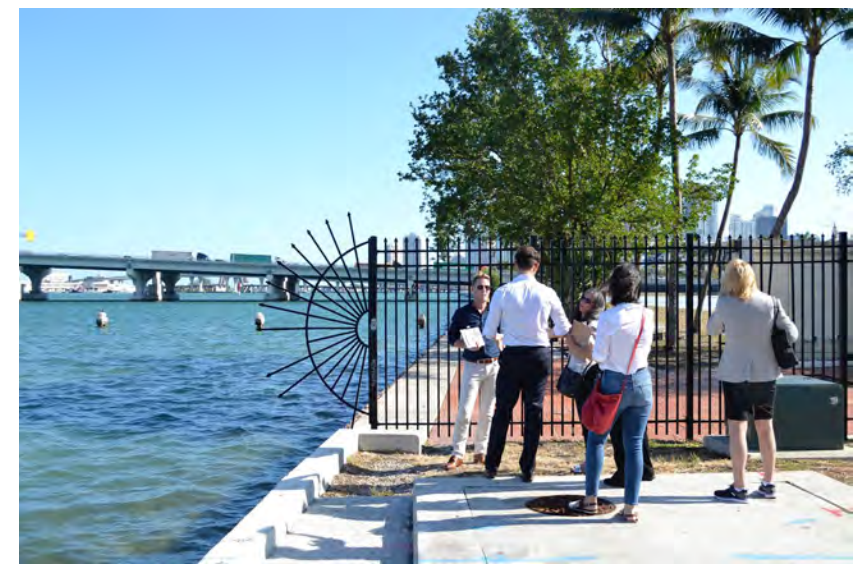
REQUIRED PERSONNEL			
<i>Certified Cost Estimator</i> Rose Jesse, CPE, ENV SP HAZEN & SAWYER	<i>Landscape Architect</i> Ben Hutchens, PLA ARQGeo	<i>Geotechnical Engineer</i> Rafael M. Pina, PE LANGAN	<i>Adaptation Specialist</i> Jannek Cederberg, PE CUMMINS CEDERBERG
<i>Civil Engineer</i> Christopher Kish, PE HAZEN & SAWYER	<i>Cultural Resource Management</i> Kenneth Hardin JANUS	<i>Survey + Mapping</i> Bryan A. Merritt, PSM, PLS LANGAN	<i>Environmental Engineer</i> Danielle H. Irwin, CFM, PWS, LEED AP CUMMINS CEDERBERG
<i>Lighting</i> Aram Eben, IALD, LEED® AP EXP	<i>Public Involvement Specialist</i> Jeannette Lazo EXP		Gina Chiello CUMMINS CEDERBERG
			Jason Cummins, PE CUMMINS CEDERBERG

CUMMINS | CEDERBERG
Coastal & Marine Engineering

ARQUITECTONICA
GEO

LANGAN
ENGINEERING & ENVIRONMENTAL SERVICES

SITE ANALYSIS







COMMUNITY OUTREACH



#2 PROGRAMMING & ART

SEATING

Take a seat and enjoy some time at the boardwalk. This station defines the multiple seating types that may be included in the Baywalk Pedestrian Bridge from enjoying a moment to relax, to taking a swing with your friends.

BUILT-IN SEATING

Relax and enjoy a comfy seat. Built-in seating can provide a comfortable way to experience the bay. Stay for a while or take a moment to rest at a built-in seat.

TIERED SEATING

Relax and enjoy a comfy seat. Different levels of seating. Some seating is for different purposes and multiple views of the surrounding.

INTERACTIVE SEATING

Play like a kid again. Interactive seating provides a fun way to enjoy the bay. It is also a way to connect with others and the ocean.

DIRECTIONS

- Grab a few sticker dots.
- Review each of the categories.
- Place a sticker dot underneath each of the categories you would like to see included in the Baywalk Pedestrian Bridge.

GOAL

To have a clear set of PROGRAMMING PRIORITIES from the COMMUNITY for the new pedestrian bridge.

LIGHTING OPPORTUNITIES

DIRECTIONS

- Grab GREEN or RED sticker dots.
- Review one CATEGORY at a time. START with "COLOR VS. WHITE". Review each group, then place your GREEN sticker dots on images you PREFER and RED sticker dots on images you DON'T prefer.

PRO TIP

Place your sticker dots in the gray bands at the bottom of the images.

GOAL

To have a clear set of PROGRAMMING PRIORITIES from the COMMUNITY for the new pedestrian bridge.

COMMENTS

Write your ideas and thoughts on a sticky note and add it to the board.

COLOR VS. WHITE

PATTERN VS. UNIFORM

ENVIRONMENTAL VS. EXPERIENTIAL

#5 MOBILITY

BACKGROUND INFORMATION

While traversing through a pathway, a visitor may see people traveling in different ways. It is common to see bikers, pedestrians, and, more recently, electric scooters sharing the same path. In this station, we define the multiple types of travel and how to control their movement.

PEDESTRIAN

A PEDESTRIAN is a visitor who travels through a pathway without any additional accessories. A Pedestrian can enjoy the path leisurely or actively.

RIDER

A RIDER is a visitor who uses a traveling accessory to move along the pathway. Some accessories may include a bike, skateboard, or roller skates.

MOTORIZED

A MOTORIZED accessory works and e-scooters.

SHOULD WE ACCOMMODATE THIS TYPE OF TRAVELER?

YES NO

EXPERIENCES: ART

This project is meant to serve the needs of the people of Miami. We want to know how YOU would use it. What type of ART would you like to interact with? What would make you explore the Baywalk?

DIRECTIONS

- Grab a few sticker dots.
- Review each of the categories.
- Place a sticker dot underneath each of the categories you would like to see included in the Baywalk Pedestrian Bridge.

GOAL

To have a clear set of ART PRIORITIES from the COMMUNITY for the new pedestrian bridge.

INTERACTIVE ART

A hands-on art experience that allows visitors to interact with the artwork.

DIGITAL TECH ART

A digital art experience that uses technology to create a unique visual experience.

UNDERWATER ART

A hands-on art experience that allows visitors to interact with the artwork.

UNDERWATER VIEWING

A hands-on art experience that allows visitors to interact with the artwork.



#4 INTERPRETATIVE EDUCATION

DIRECTIONS

- Grab a few color sticky dots that corresponds the kind of user you are.
- Review all the options.
- Then place a sticky dot underneath each of the activities you would like to see included in the Baywalk Pedestrian Bridge.

START HERE!!!

WHAT KIND OF USER ARE YOU?

CHILD (0-12)

ADOLESCENT (13-18)

ADULT

PLACE YOUR DOT HERE

GOAL

To have a clear set of PROGRAMMING PRIORITIES from the COMMUNITY for the new pedestrian bridge.

Located on the over-water walkway approaching the pedestrian bridge, several Discovery Stations will present all you need to know about Miami's Baywalk urban ecosystem in a way that's entertaining and hands-on. The variety of stations will feature a variety of spaces based in local water; visitors will also experience interactive displays and guided tours.

Help us understand how you want to explore Miami's Ecology!

AFTER-SCHOOL PROGRAM

Interactive art experiences that allow visitors to interact with the artwork.

CITIZEN SCIENCE PROGRAMS

Interactive art experiences that allow visitors to interact with the artwork.

AN DISCOVERY TRAIL

Interactive art experiences that allow visitors to interact with the artwork.

COMMUNITY BAY CLEAN UP

Interactive art experiences that allow visitors to interact with the artwork.

WILDLIFE OBSERVATION DECKS

Interactive art experiences that allow visitors to interact with the artwork.

OTHER SUGGESTIONS:

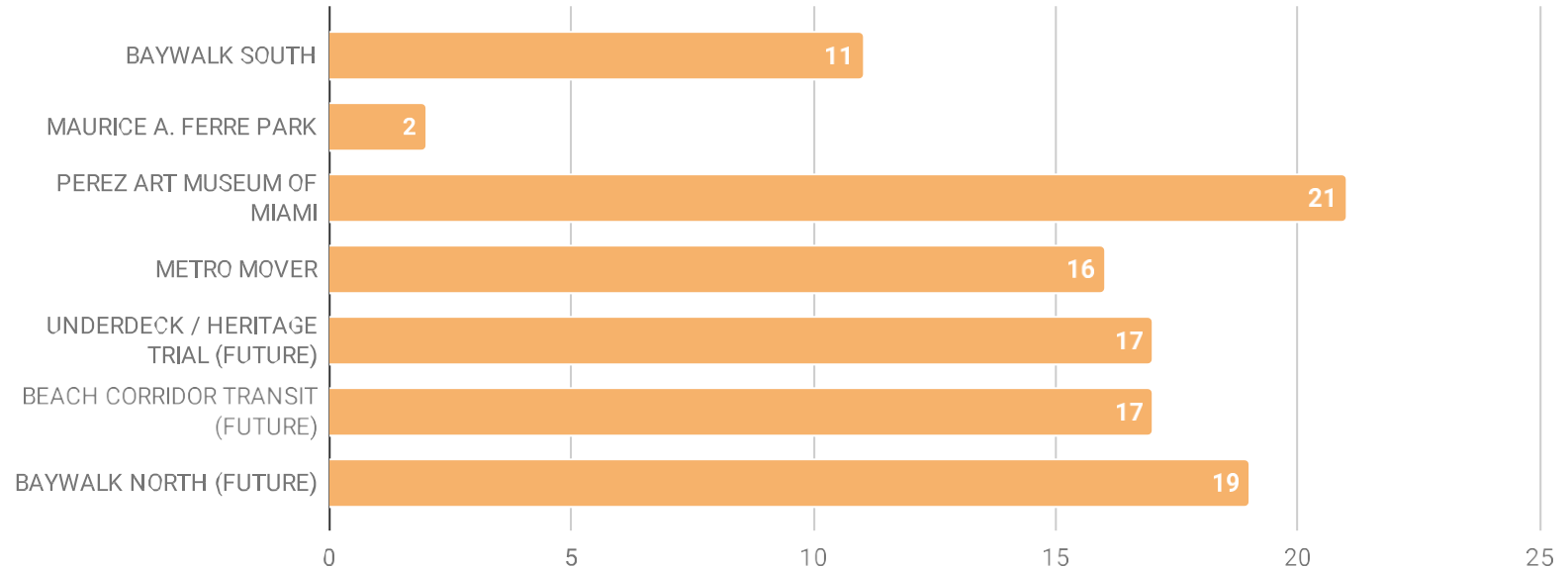
Write your ideas and thoughts on a sticky note and add it to the board.

KEY TAKEAWAYS

- STRONG DESIRE TO CONNECT TO NEARBY PUBLIC TRANSIT
- STRONG DESIRE TO CONNECT TO FUTURE PUBLIC SPACES
- STRONG DESIRE TO CONNECT WITH THE PAMM

WHAT ARE IMPORTANT CONNECTIONS FOR YOU?

TOTAL VOTES: 103



COMMENTS FROM THE PUBLIC:

1) I'm most excited about the opportunity to connect more people to Biscayne Bay, especially through the possible connections to public transportation.

2) I want to go on a long bike ride, run, roller blade on a connected Baywalk.

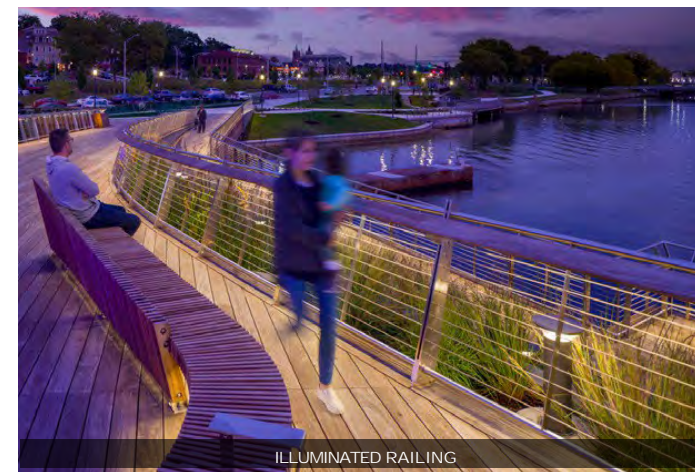


CONNECTOR

Minimal Response
"The Point"

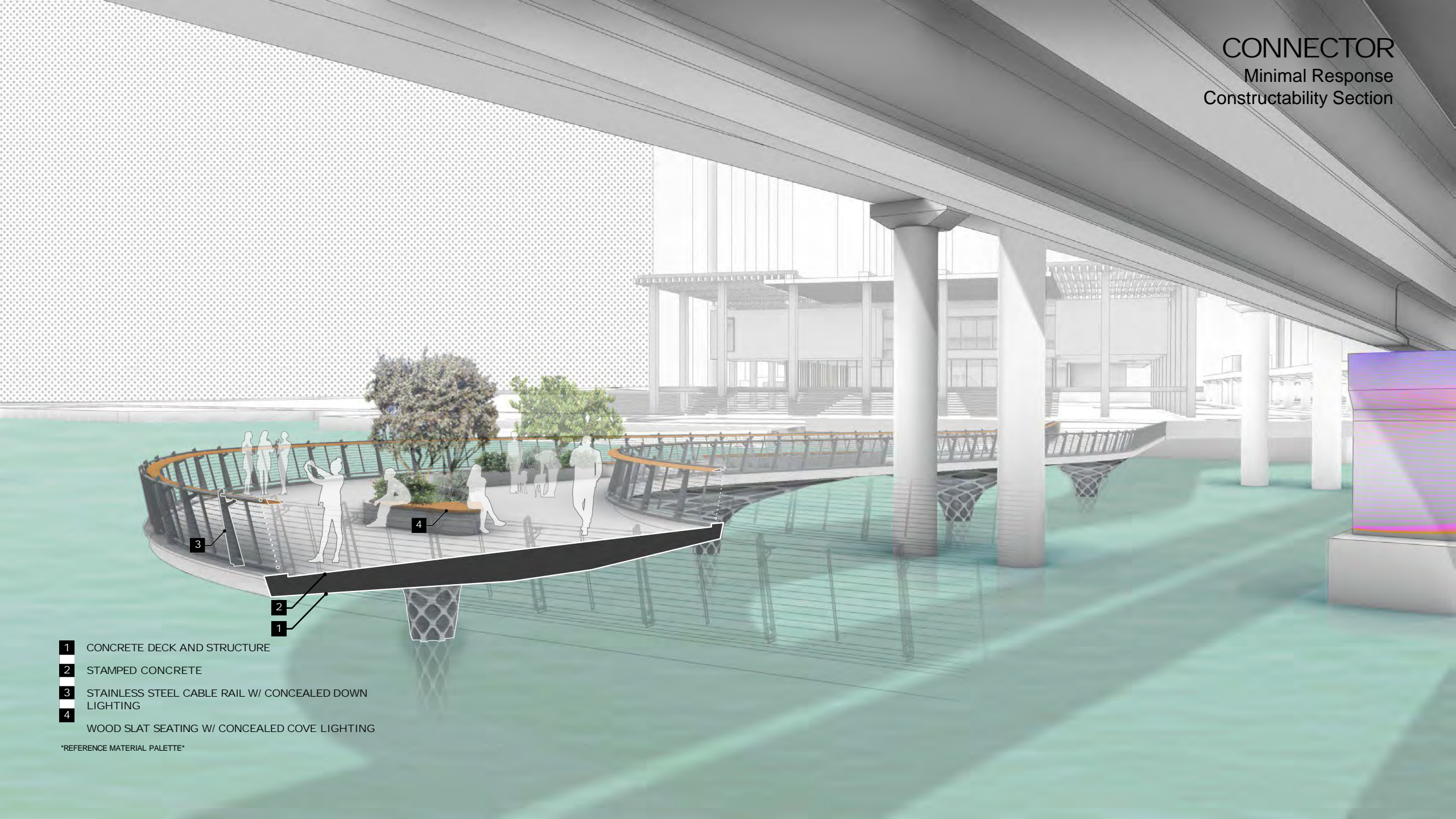


PLANTERS WITH INTEGRATED SEATING



ILLUMINATED RAILING

CONNECTOR
Minimal Response
Constructability Section

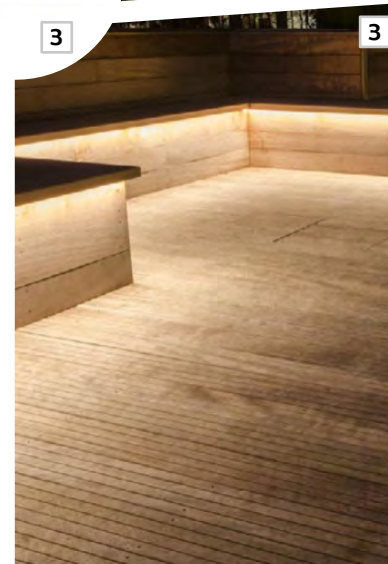
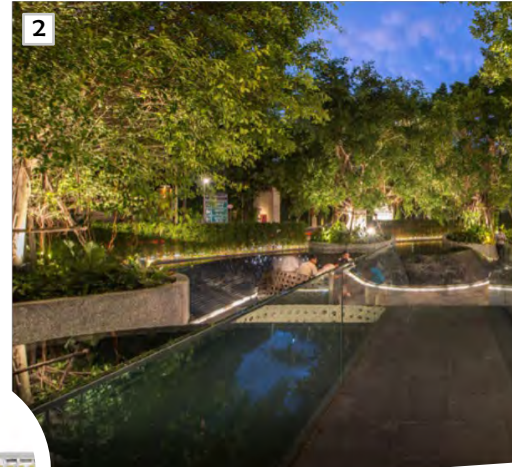


- 1 CONCRETE DECK AND STRUCTURE
- 2 STAMPED CONCRETE
- 3 STAINLESS STEEL CABLE RAIL W/ CONCEALED DOWN LIGHTING
- 4 WOOD SLAT SEATING W/ CONCEALED COVE LIGHTING

REFERENCE MATERIAL PALETTE

CONNECTOR

Minimal Response
Site Lighting



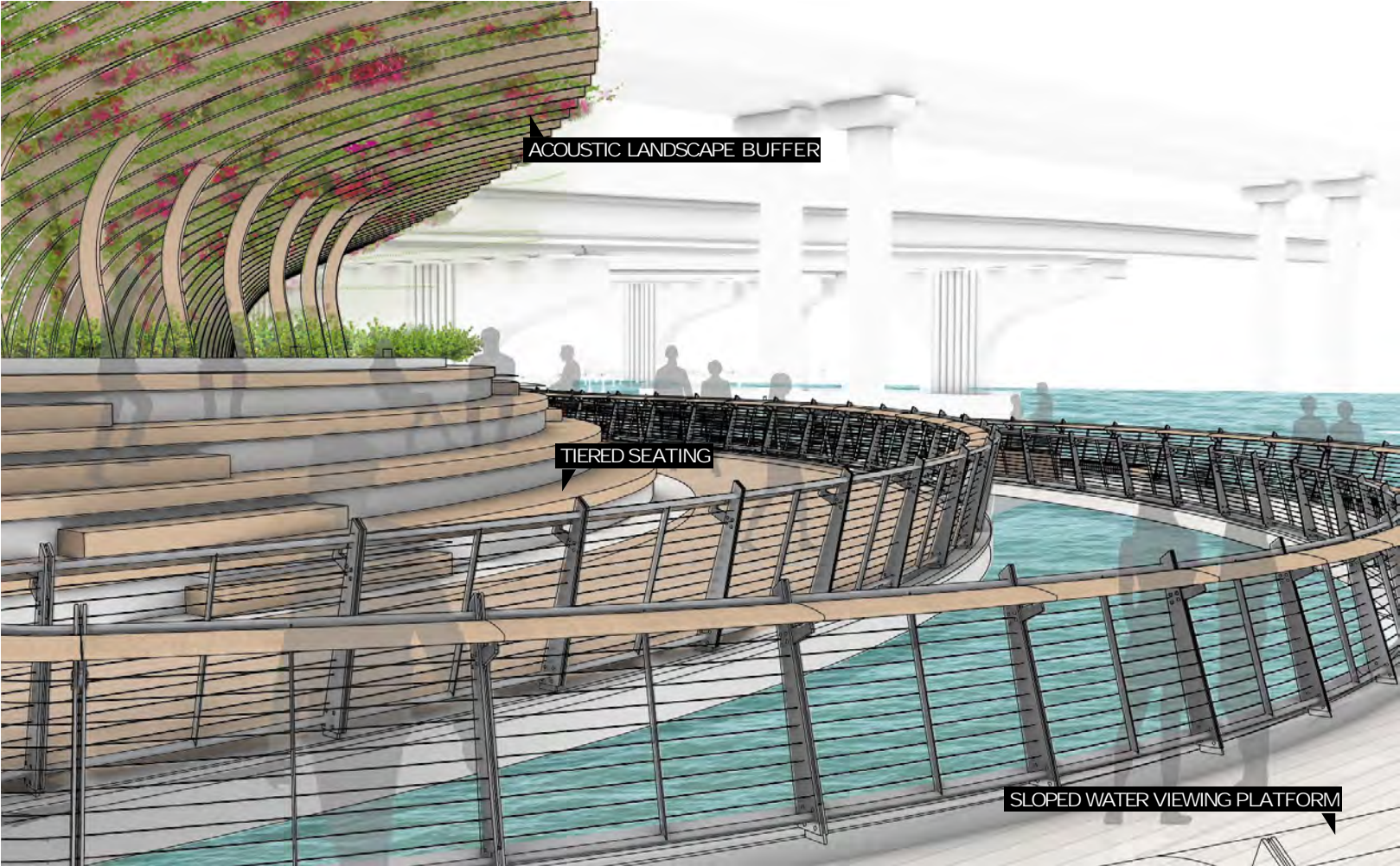
AERIAL RENDERING
ENHANCED CONNECTOR



ENHANCED CONNECTOR

Moderate Response

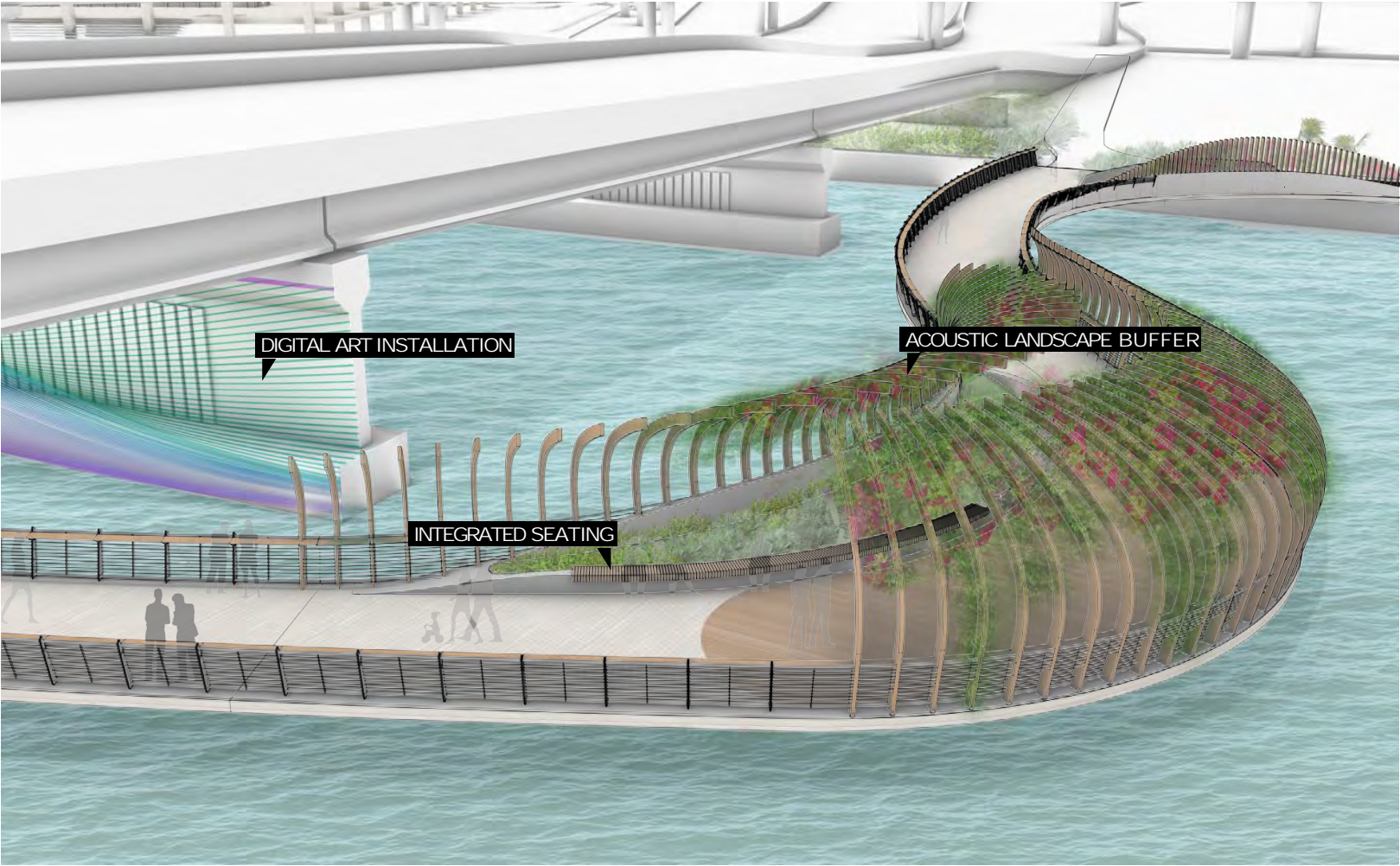
“The Bluff”



ENHANCED CONNECTOR

Moderate Response

“The Swell”



ENHANCED CONNECTOR

Moderate Response
Constructability Section



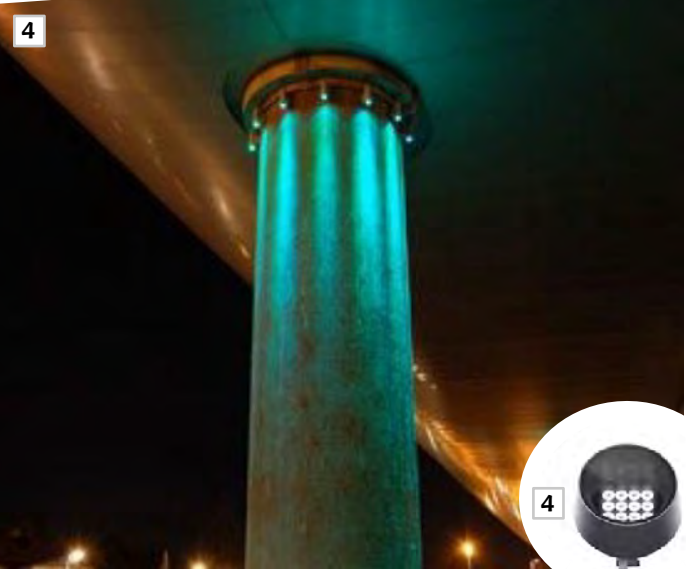
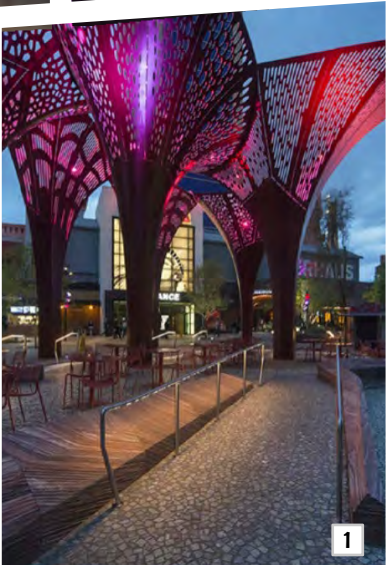
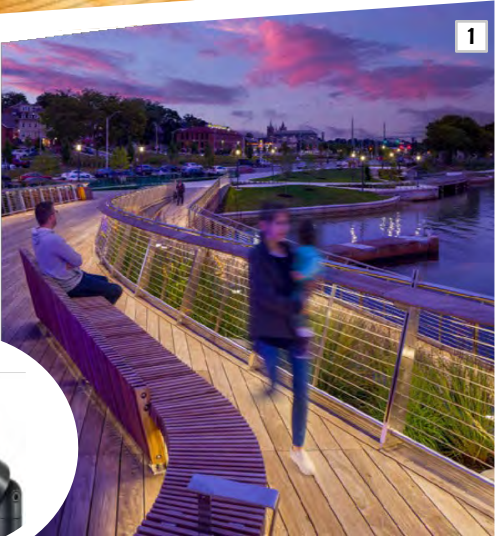
- 1 CONCRETE DECK AND STRUCTURE
- 2 WOOD DECKING
- 3 STAMPED CONCRETE DECKING
- 4 STAINLESS STEEL CABLE RAIL W/ CONCEALED DOWN
- 5 LIGHTING WOOD SLAT SEATING W/ CONCEALED COVE
- 6 LIGHTING

*REFERENCE MATERIAL PALETTE
ANODIZED ALUMINUM FRAME TRELLIS

ENHANCED CONNECTOR

Moderate Response

Site Lighting



AERIAL RENDERING

ICONIC DESTINATION



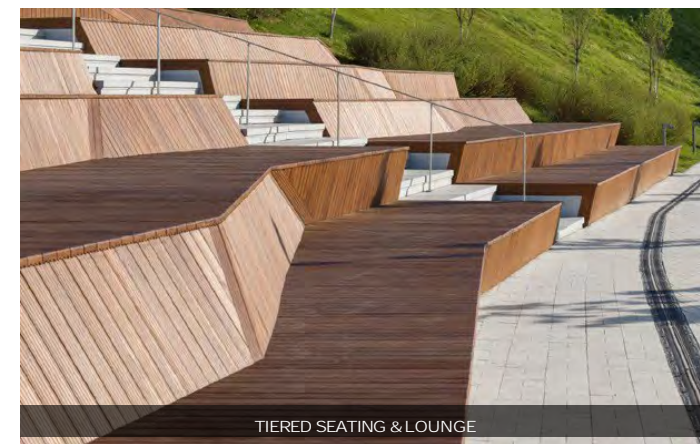
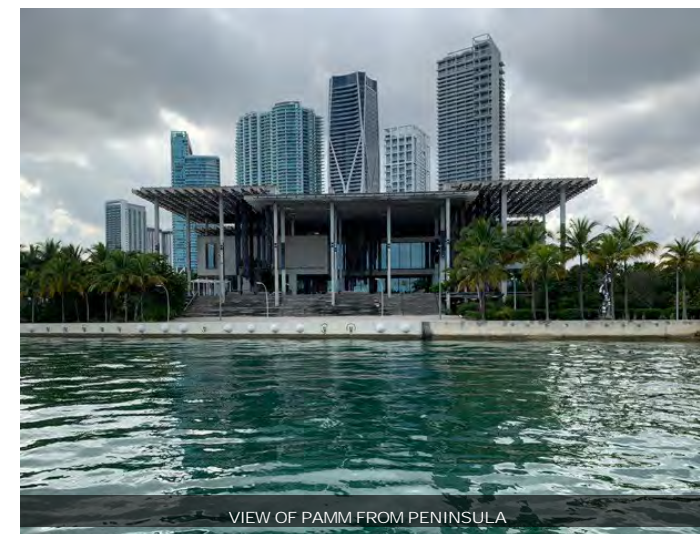
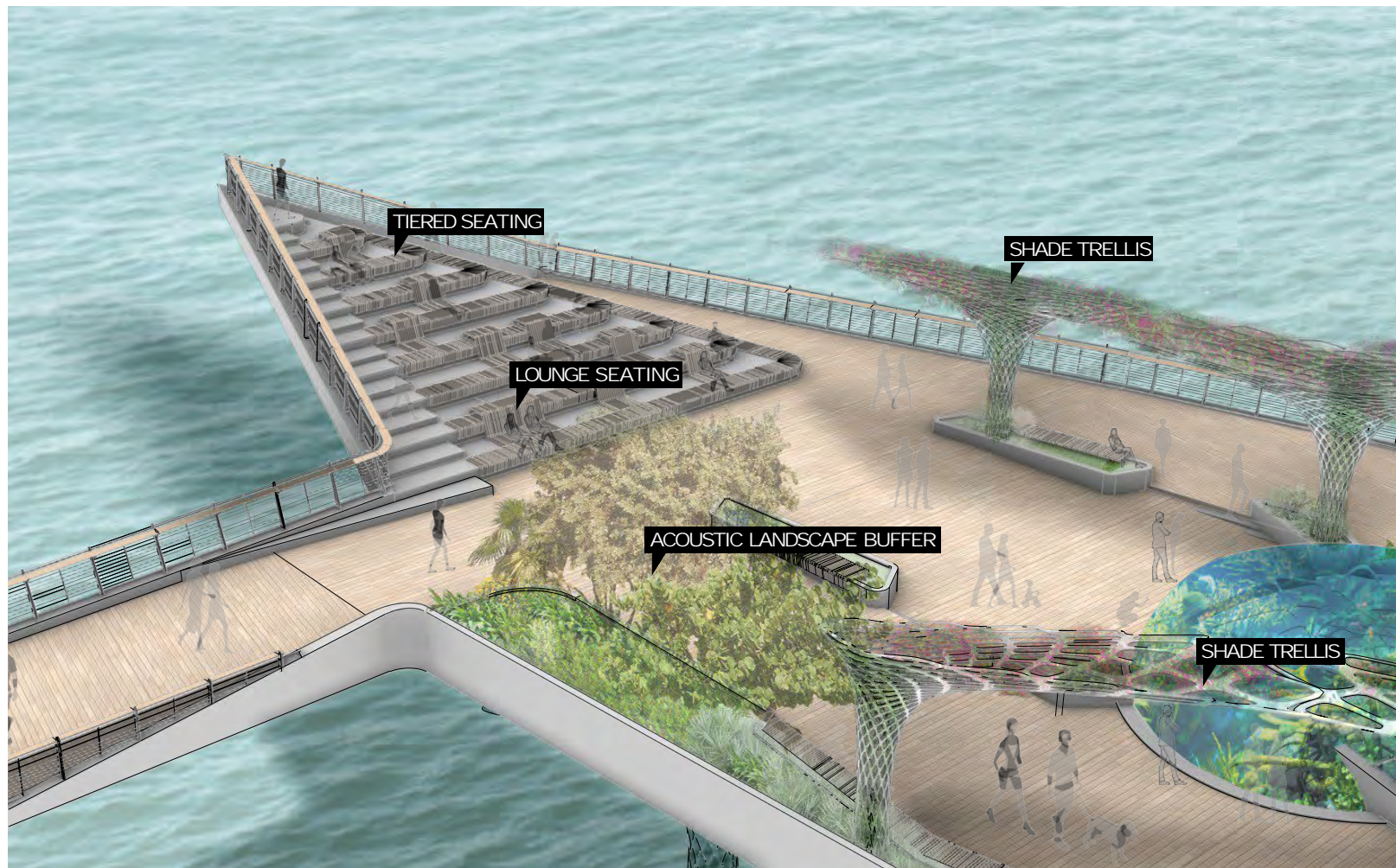
ICONIC DESTINATION

Comprehensive Response
"The Arbor + Grove / Veranda"



ICONIC DESTINATION

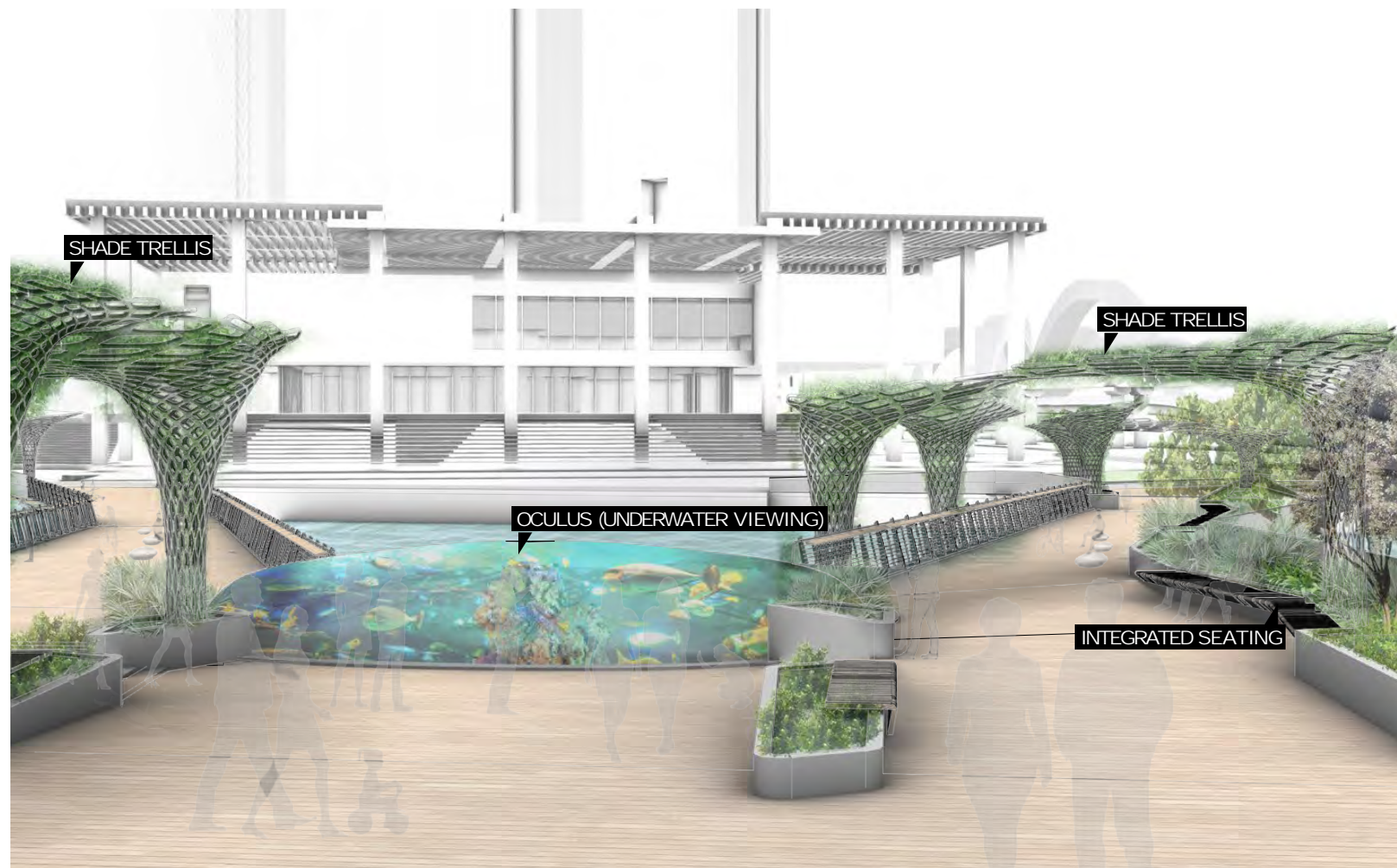
Comprehensive Response
"The Peninsula"



ICONIC DESTINATION

Comprehensive Response

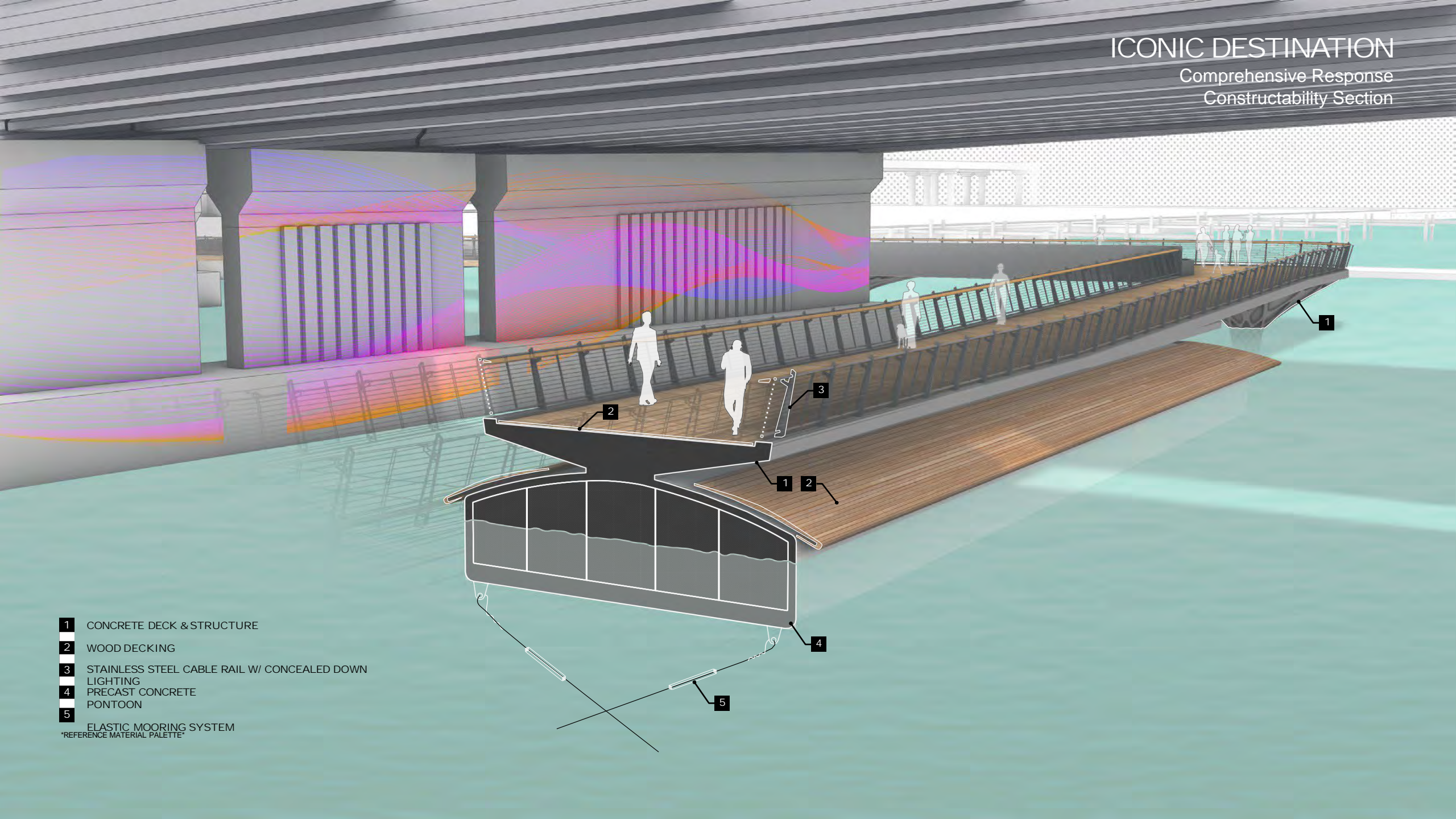
“The Oculus”



ICONIC DESTINATION

Comprehensive Response

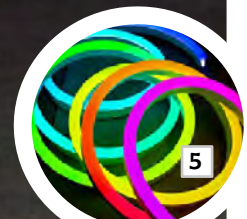
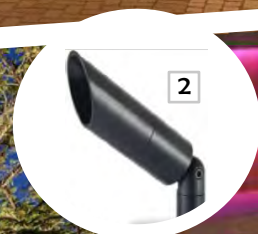
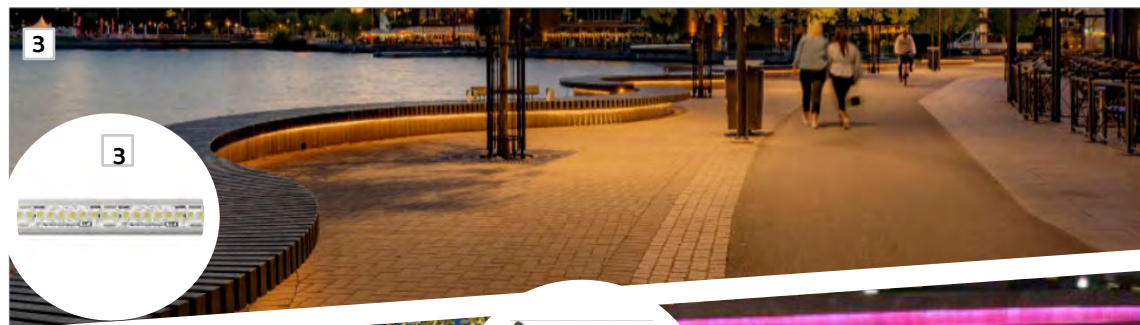
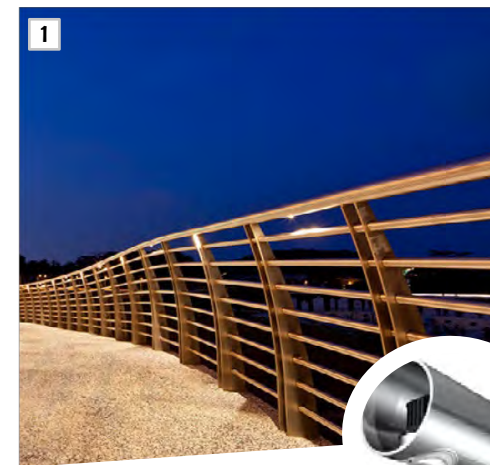
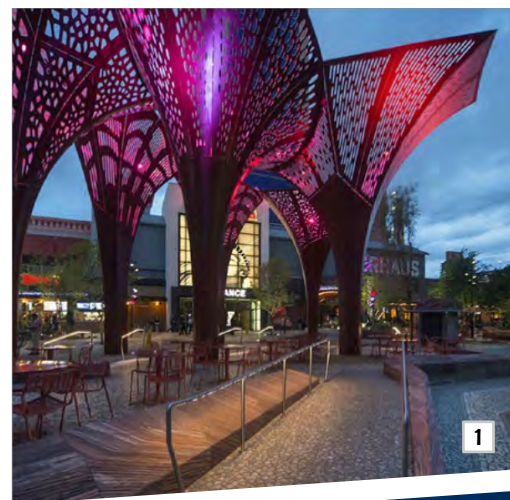
Constructability Section



- 1 CONCRETE DECK & STRUCTURE
 - 2 WOOD DECKING
 - 3 STAINLESS STEEL CABLE RAIL W/ CONCEALED DOWN LIGHTING
 - 4 PRECAST CONCRETE PONTOON
 - 5 ELASTIC MOORING SYSTEM
- *REFERENCE MATERIAL PALETTE*

ICONIC DESTINATION

Comprehensive Response
Site Lighting





MINIMAL RESPONSE | CONNECTOR

TOTAL SQUARE FOOTAGE: 18,600 sf
 TRAVEL DISTANCE: 795 ft
ESTIMATED BUDGET: \$10.95M

ADVANTAGES

- Provides unique views of the city and Biscayne Bay
- Provides a critical connection to the northern segment of the Baywalk
- Smallest footprint - lowest cost of construction

DISADVANTAGES

- Minimal public programming
- Strictly a transit oriented space



MODERATE RESPONSE | ENHANCED CONNECTOR

TOTAL SQUARE FOOTAGE: 23,500 sf
 TRAVEL DISTANCE: 825 ft
ESTIMATED BUDGET: \$16.71M

ADVANTAGES

- Provides a unique experience of Biscayne Bay and views back to Downtown Miami
- Provides amenities that get the public closer to the water
- Provides a critical connection to the northern segment of the Baywalk

DISADVANTAGES

- Significant footprint that will impact existing ecology
- Limited public programming space



COMPREHENSIVE RESPONSE | ICONIC DESTINATION

TOTAL SQUARE FOOTAGE: 33,200 sf
 TRAVEL DISTANCE: 830 ft - 935 ft
ESTIMATED BUDGET: \$27.44M

ADVANTAGES

- Most significant degree of connectivity for an intuitive user experience.
- Emphasizes relationship to cultural venues within the district with a high degree of social equity and place-making.
- Engages the underwater ecology and habitat restoration with a unique model of interpretive education
- Highest degree of viewing opportunities, unique seating and shaded environments.
- Most significant potential for economical development
- Celebrates health and wellness with a myriad of elements to encourage and engage in outdoor activities.

DISADVANTAGES

- Largest total footprint
- Highest cost of construction
- Will require special maintenance for specialty program amenities



AERIAL RENDERING
ENHANCED CONNECTOR



AERIAL RENDERING

ICONIC DESTINATION



DESIGN

DRI Funds:	\$225,000.00
Intl. Yacht Brokers Association:	\$150,000.00
FIND Grant:	\$275,000.00
Miami DDA:	<u>\$200,000.00</u>
	\$800,000.00

- City of Miami spent \$500K on Phase 1 Feasibility Study & Concept Development
- City lost FIND Grant Due to Project Delays (\$275K)
- City transferred \$3.7M to Miami DDA for DRI Master Plan Recovery Fee

To advance concepts to Phase 2 Construction Documents & Permitting:

1. Minimal Response / Connector: **\$1.5M**
2. Moderate Response / Enhanced Connector: **\$2.7M**
3. Comprehensive Response / Iconic Destination: **\$4.3M**

CONSTRUCTION

DRI Funds:	?
FDOT TAP Grant	\$1M (Lost Due to Project Delays)
FIND Grant:	\$2M (Up To)
City of Miami Freedom Park:	\$5M (Baywalk Funding)
USDOT Strengthening Mobility and Revolutionizing Transportation (SMART) Grant Program:	?
USDOT Reconnecting Communities and Neighborhoods (RCN) Grant Program:	\$60M (Underdeck Grant)
Benefactor: Ken Griffin (Citadel)	?
Naming Rights: Amerant Bank	?
Fundraising: Friends of the Underline	?

PERMIT CLINIC WEEKLY UPDATE

June 27, 2024

65



Permit Clinic
Sessions

499



Businesses
Assisted

73



Certificates of Use &
Business tax receipts issued

9

Certificates of Use &
Business Tax Receipts in process

Working with us:

City of Miami Building
City of Miami Code Enforcement
City of Miami Fire Marshall
City of Miami Zoning
Miami-Dade County DERM
Miami-Dade County WASD