

Design Review Board Presentation

DRB23-09680
DESIGN, MANUFACTURE, INSTALL, OPERATE, AND
MAINTAIN INTERACTIVE DIGITAL MEDIA KIOSKS


September 3, 2024





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COMPANY
INTRODUCTION,
PRECEDENT, &
FUNCTIONALITY

EXPERT & VERTICALLY INTEGRATED TEAM

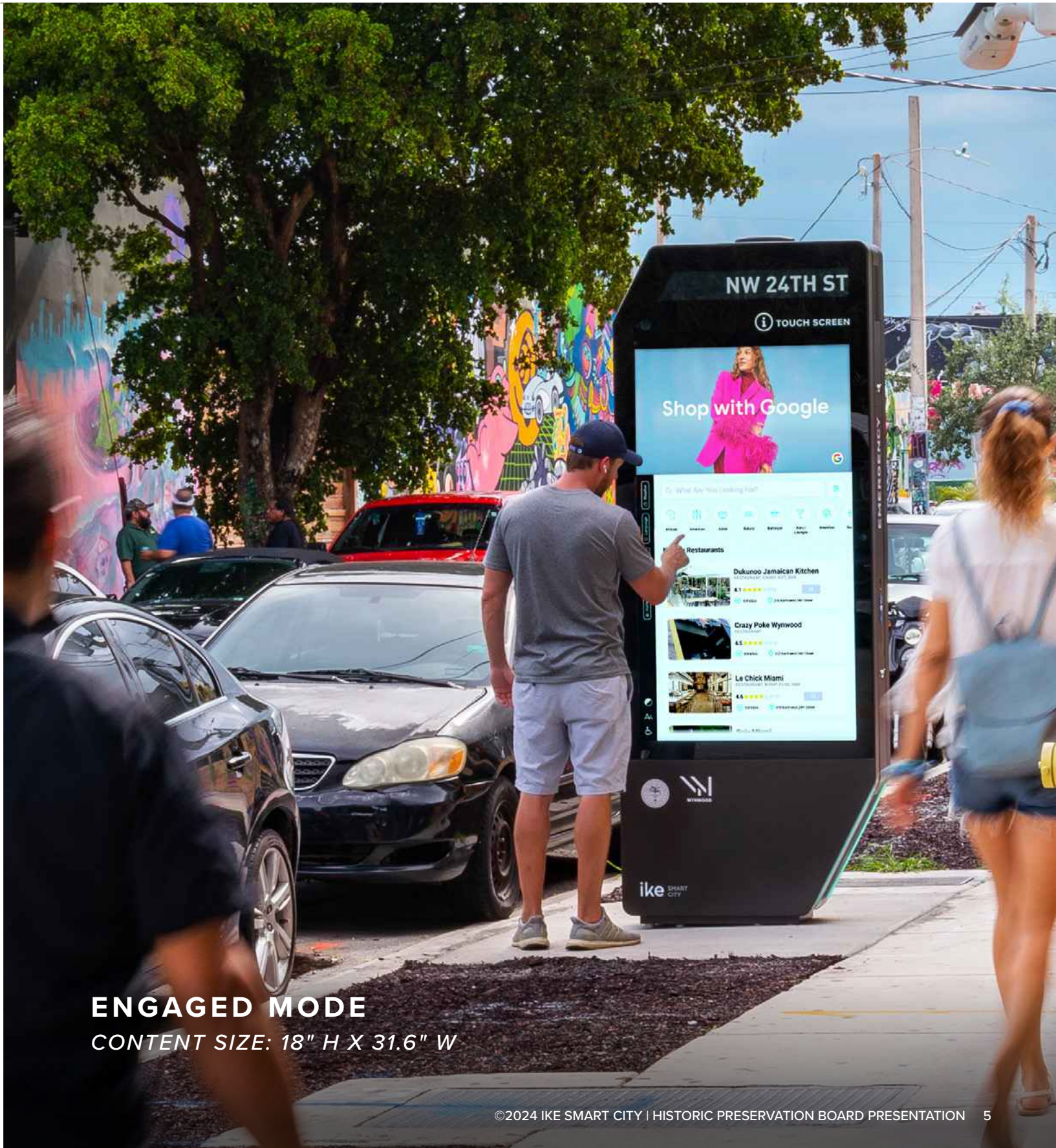


OVER **140 ASSOCIATES** WORKING TOWARDS A COMMON GOAL.

TWO MODES OF OPERATION



PASSIVE MODE
CONTENT SIZE: 56.2" H X 31.6" W



ENGAGED MODE
CONTENT SIZE: 18" H X 31.6" W


INTERACTIVE SUITE OF APPLICATIONS

The custom suite of applications reflects the same organic flow and calmness of the new kiosk design and is customized to complement the neutral and turquoise color options.



SHOP

Entices shoppers to spend at local retail destinations.



EAT + DRINK

Gives plenty of options for hungry and thirsty residents and visitors to satisfy their cravings.



STAY

Lists a wide variety of overnight accommodations.



EVENTS

Highlights everything going on in the City with up-to-date event listings and integrated wayfinding.



TRANSIT

Provides multimodal wayfinding, trip planning, and real-time public transit information.



ACTIVITIES

Highlights things to do in the City across a wide range of interests.



SURVEY SAYS

Collects resident feedback on questions created by the City.



PHOTO BOOTH

Lets pedestrians take fun selfies and send the pics to their smartphone.



DIRECTIONS

Provides the user with a point-to-point tour of local landmarks.



ARTS + CULTURE

Showcases cultural destinations and activities for those looking to experience the creative arts.



PARKS + BEACHES

Helps people enjoy the sunshine at outdoor destinations around the city.




JOB BOARD

Provides communities with easy access to local job listings and employment opportunities.



ARCADE

Entertains and engages pedestrians with a fun and easy-to-use video game.



CIVIC RESOURCES

Makes it easy to get important things done with listings of municipal buildings and services.



SOCIAL SERVICES

Improves access to support services and resources for communities and residents in need.



SAFE SHELTER

Directs those without homes or a safe place to stay to facilities offering beds and other services.

NETWORKS IN SMART CITIES NATIONWIDE

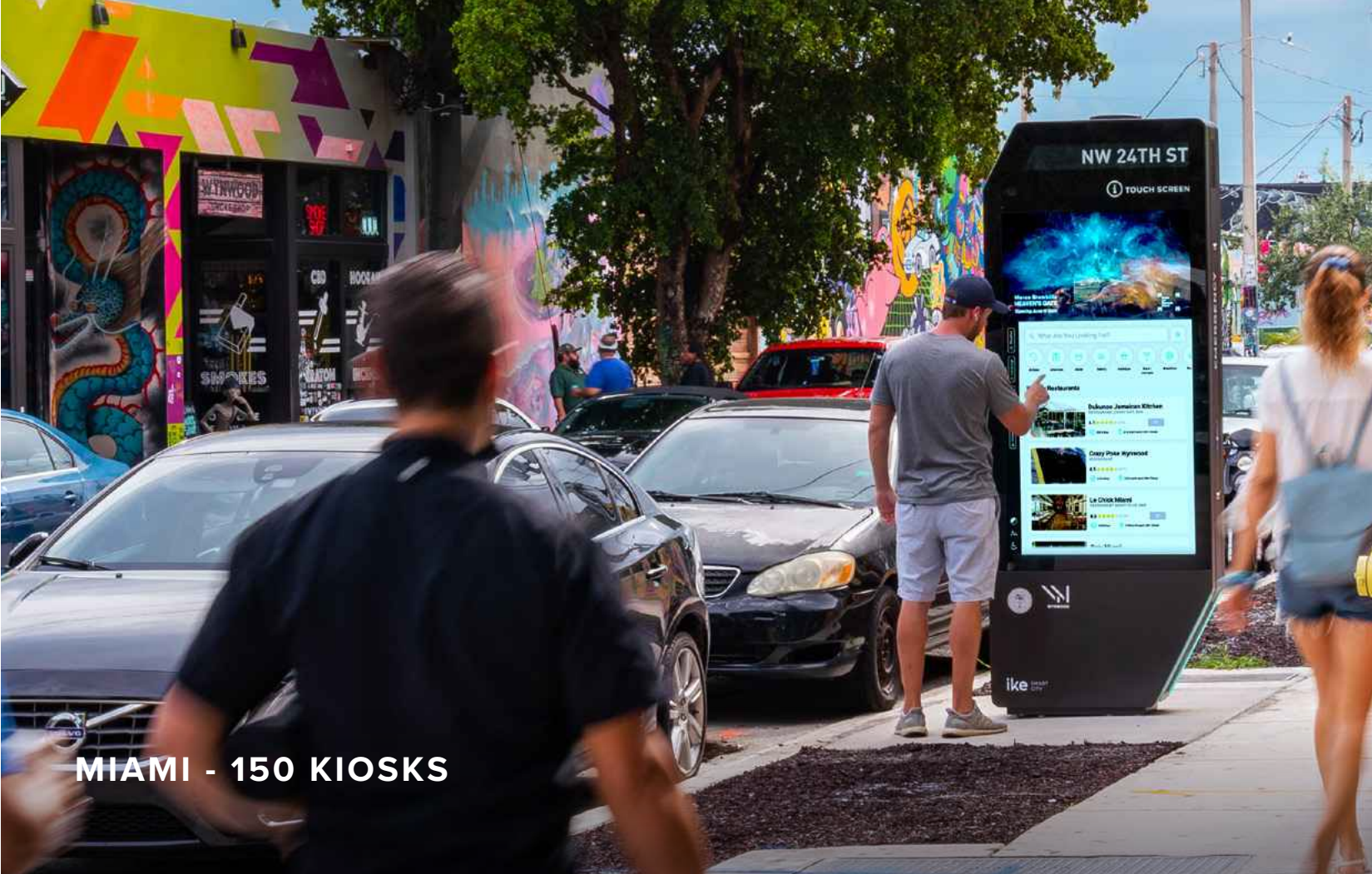


EXPERIENCE IN SOUTH FLORIDA

IKE Smart City has several years of experience working in South Florida, most notably with our IKE installations in Miami and Coral Gables.



Watch Miami Mayor Francis Suarez discuss how IKE adds value to the City in an episode of his social media video series, Cafecito Talk.



MIAMI - 150 KIOSKS



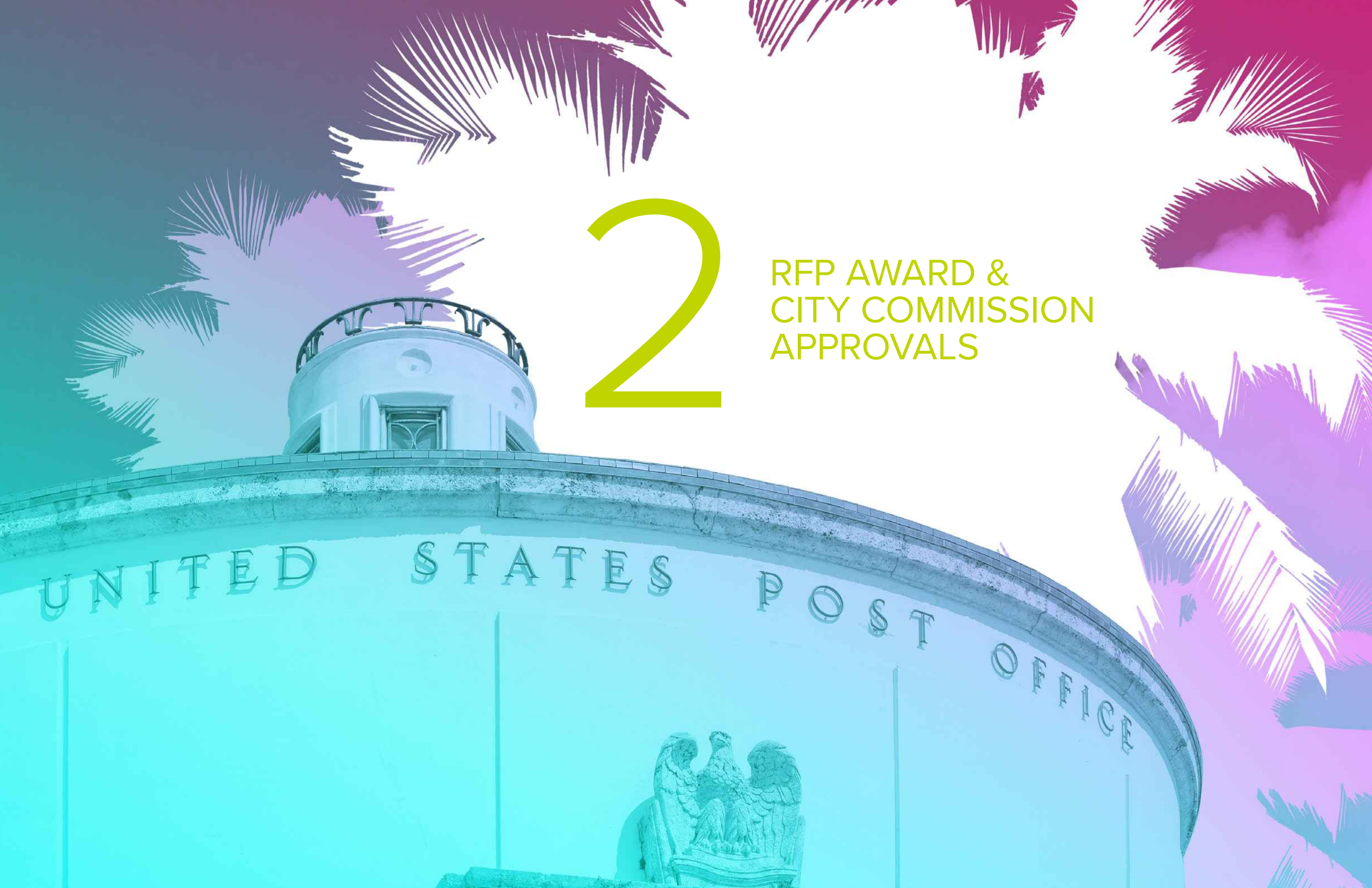
AVENTURA - 15 KIOSKS



CORAL GABLES - 10 KIOSKS

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RFP AWARD &
CITY COMMISSION
APPROVALS



RFP AWARD & CITY COMMISSION APPROVALS

KEY DATES

- ▶ **April 2022:** The City issued an RFP for interactive digital media kiosks
- ▶ **December 2022:** IKE was awarded the RFP
- ▶ **December 2022:** The City Commission upheld the recommendation of IKE being the selected vendor and authorized the City Manager to begin contract negotiations
- ▶ **June 2023:** The Mayor and City Commission approved the business terms of the agreement
- ▶ **July 2023:** The agreement between IKE and the City was fully executed
- ▶ **December 2023:** IKE presented to the Historic Preservation Board for feedback on the the initial kiosk locations and design
- ▶ **March 2024:** IKE retained architect Bill Lane to further develop and refine the kiosk design and presented progress to the Historic Preservation Board
- ▶ **May 2024:** IKE presented to the Historic Preservation Board and received a Certificate of Appropriateness for the kiosk design and location of 8 interactive digital media kiosks throughout the City

COMMUNITY OUTREACH

IKE sent a City-wide mailer with HPB and DRB meeting dates, attendance options, and a summary of the project.

Additionally, the following groups have provided letters in support of IKE:

- ▶ Washington Ave BID
- ▶ Lincoln Road BID
- ▶ Collins Park Neighborhood Association
- ▶ Ocean Drive Association
- ▶ Miami Design Preservation League (5/13 Blog)
- ▶ Miami Beach Convention Center
- ▶ Oolite Arts
- ▶ Wolfsonian-FIU
- ▶ The Jewish Museum
- ▶ The Ritz-Carlton, South Beach
- ▶ Kimpton Angler's Hotel
- ▶ The Loews Hotel
- ▶ Queen Miami Beach



CONTENT STANDARDS

IKE Smart City will not display:

- ▶ Anything that has a strobing effect or visually replicates a traffic sign in colors and words;
- ▶ anything that is false or misleading;
- ▶ material that is immoral, lascivious, or obscene;
- ▶ businesses engaged in any activity that requires the exclusion of minors;
- ▶ anything that promotes unlawful or illegal goods, services or activities;
- ▶ tobacco or tobacco related products;
- ▶ firearms;
- ▶ sexual services, programs or products;
- ▶ political advertisements;
- ▶ competitive products included in any citywide exclusive sponsorship agreement with non-alcoholic pouring rights providers;
- ▶ advertisements relating to medical marijuana; and
- ▶ any such additional category of advertising that may be added by the Mayor and City Commission.

Any prohibited or unacceptable material, as determined by the City Manager, shall be removed upon written notice to IKE Smart City within 24 hours.

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KIOSK DESIGN, SPECIFICATIONS, & BENEFITS



KIOSK DESIGN - ARCHITECT PARTNERSHIP

IKE has partnered with award-winning architect William Lane to generate a one-of-a-kind kiosk design that captures the history, architecture, and personality of Miami Beach.

When working through the updated design, Lane focused on:

- ▶ Extending the identity of the City
- ▶ The kiosk serving as a custodian of the Beach, serving its residents and visitors
- ▶ Miami Beach's rich history of cutting-edge and spirited design choices

Additionally, William Lane has included special color options, allowing increased customization where appropriate and based on the kiosk's surroundings.

The design process, philosophy, and final choices are detailed on the following pages.



KIOSK DESIGN - INSPIRATION (FORM)



OCEAN WAVES



SAND DUNES



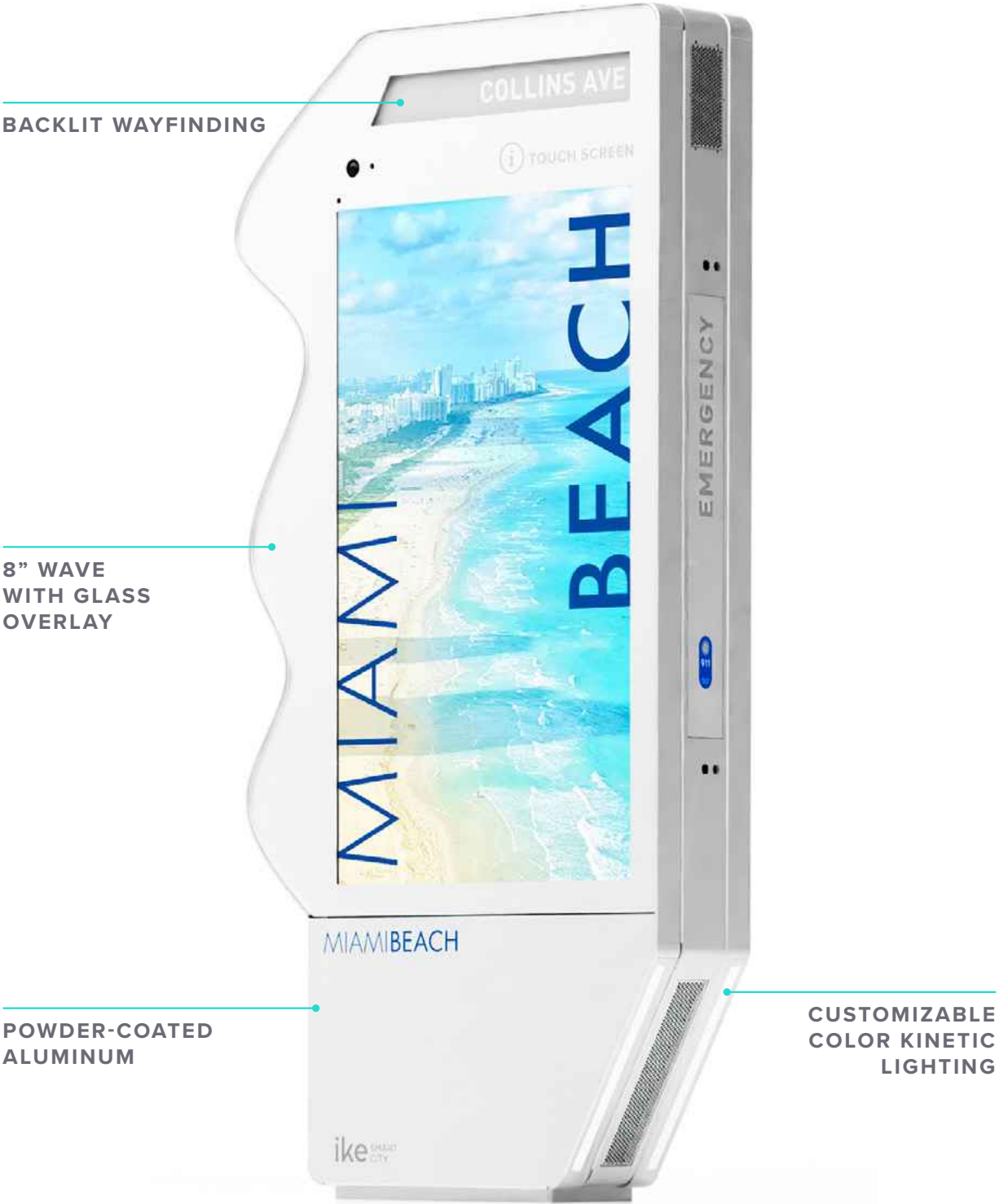
ORTHOGONAL STREET GRID

KIOSK DESIGN - FORM & STANDARD COLOR OPTION

DESIGNED BY WILLIAM LANE

William Lane’s design features an 8” projection along the left side of the kiosk’s spine, simulating soft waves. This speaks to Miami Beach’s history of playful design choices, and more literally to ocean waves, sand dunes, and the imagery of the sea meeting the cityscape.

The proposed kiosk design shown to the right is a neutral color and would be used as the standard design in various designated locations throughout the City.



KIOSK DESIGN - ALTERNATIVE COLOR OPTIONS INSPIRATION

In exploring alternative color options for specific kiosk locations, William Lane considered the vibrant history of color in Miami Beach and in particular the rich palette of pastels that Leonard Horowitz, co-founder of the Miami Design Preservation League, used to draw attention to the Art Deco architecture that had gone into dereliction. The customized colors act to further this sense of identity that has become synonymous to Miami Beach. The specification in shade for pink and turquoise was further developed by William Lane’s inspiration of maritime cultures and wildlife.



OPEN SKY



WILDLIFE



SEALIFE



ARCHITECTURE



COLOR HISTORY

KIOSK DESIGN - COLOR OPTIONS



- ▶ Light silver complements urban surroundings throughout the City
- ▶ The lightness of color mirrors much of Miami Beach's iconic white architecture



- ▶ Miami Beach's maritime culture inspires this turquoise shade, reminiscent of vibrant blues in the sea and sky



- ▶ Pink evokes feelings of excitement and inspiration, both integral to the culture of Miami Beach
- ▶ Local wildlife like flamingos and coral are symbols of Miami Beach

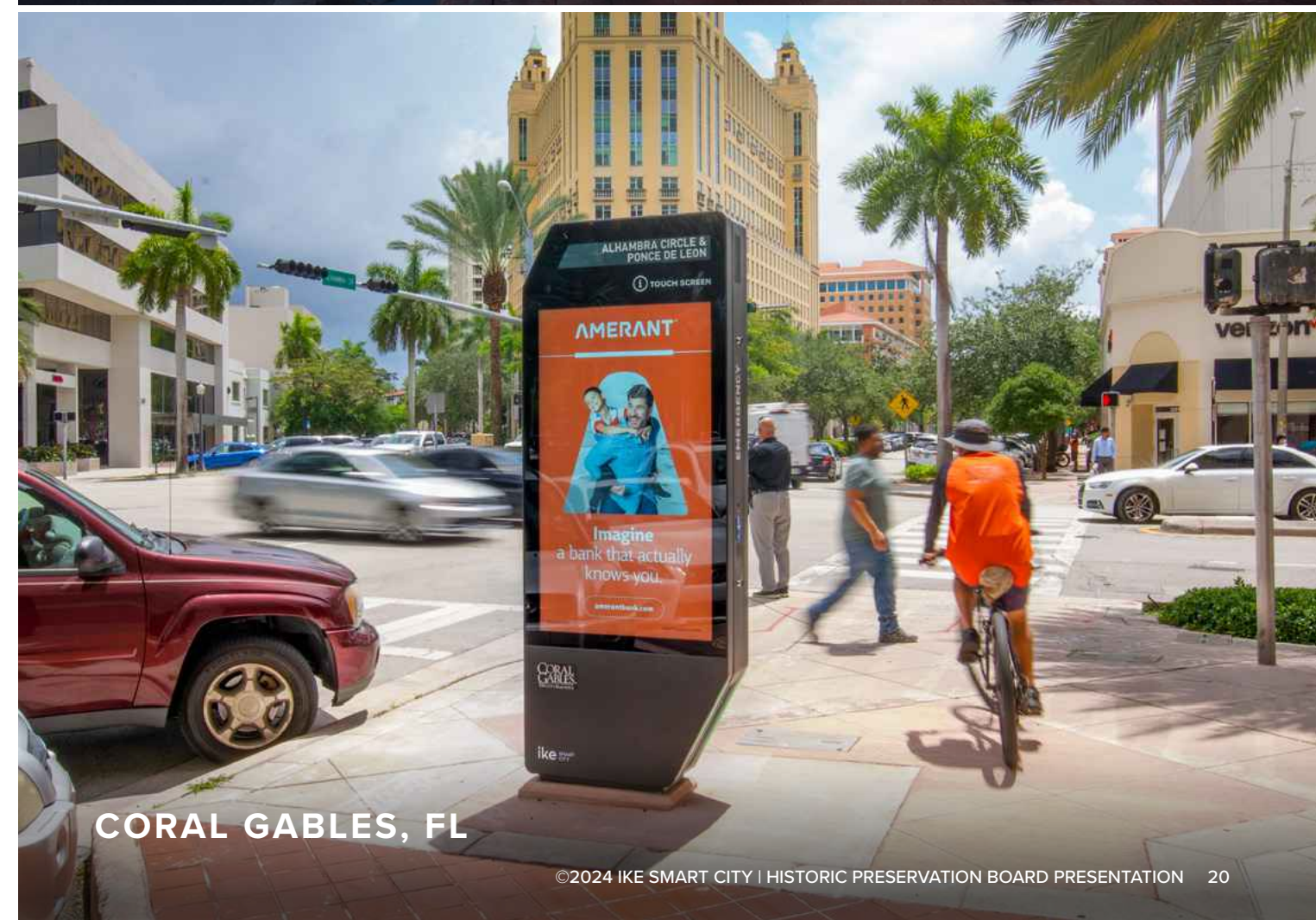
KIOSK DESIGN - LOCATION COLOR CHOICE

All DRB Kiosk locations (2) are proposed in the neutral color based on their more urban surroundings and compatibility with adjacent architecture.



RESILIENT KIOSK DESIGN

- ▶ Corrosion-resistant
- ▶ Dust- and water-resistant to a rating of IP-56
- ▶ Shatterproof tempered glass doors laminated with optical clear resin
- ▶ Operating temperature of -20° to 120° Fahrenheit and 5% to 95% humidity
- ▶ Withstands direct sunlight up to 300W per square meter of solar load
- ▶ Rated to withstand hurricane-force winds of up to 165 mph (including glass and foundation)
- ▶ Flood sensor automatically powers down the system if water line reaches 18” from the base of the kiosk



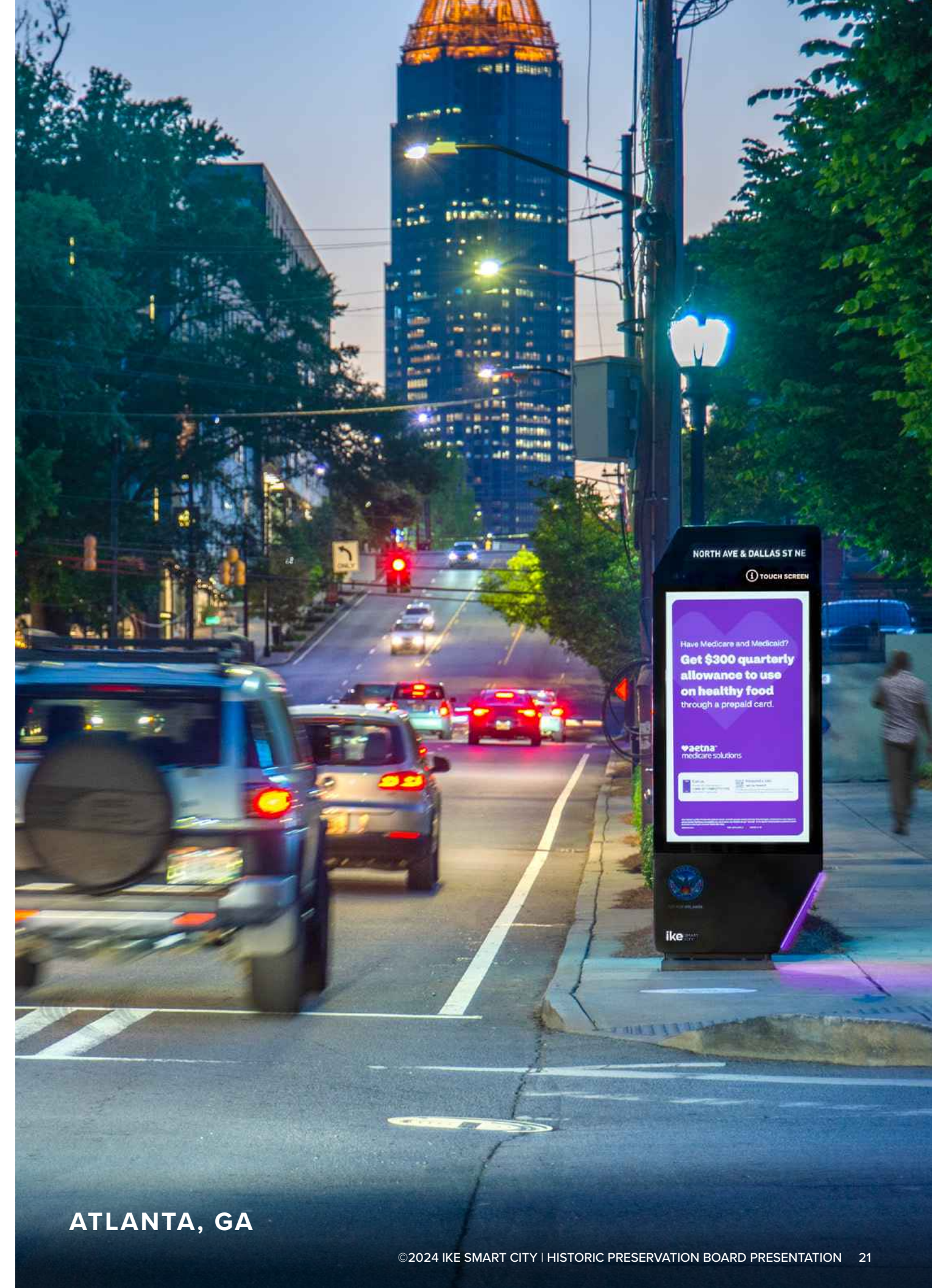
ILLUMINATION DETAILS

SPECIFICATIONS

- ▶ 65” dual-sided digital screens
- ▶ Native resolution: 1920 x 1080
- ▶ Illumination measurement: 320 NIT - 4,000 NIT

BRIGHTNESS CONTROLS

- ▶ Ambient light sensors automatically dim the brightness of IKE’s screens
- ▶ Remote monitoring system
- ▶ Remote illumination control system
- ▶ Graphics in the advertising loop rotate in 10-second increments



ATLANTA, GA

PUBLIC SAFETY

- ▶ Emergency Call System dials 911
- ▶ Enables two-way communication between caller and dispatcher
- ▶ Three security cameras record surroundings



REAL-TIME WEATHER & OTHER EMERGENCY MESSAGING

- ▶ IKE displays emergency alerts in real-time from the Integrated Public Alert & Warning System
- ▶ Alerts include severe weather events, AMBER alerts, active shooters, and more



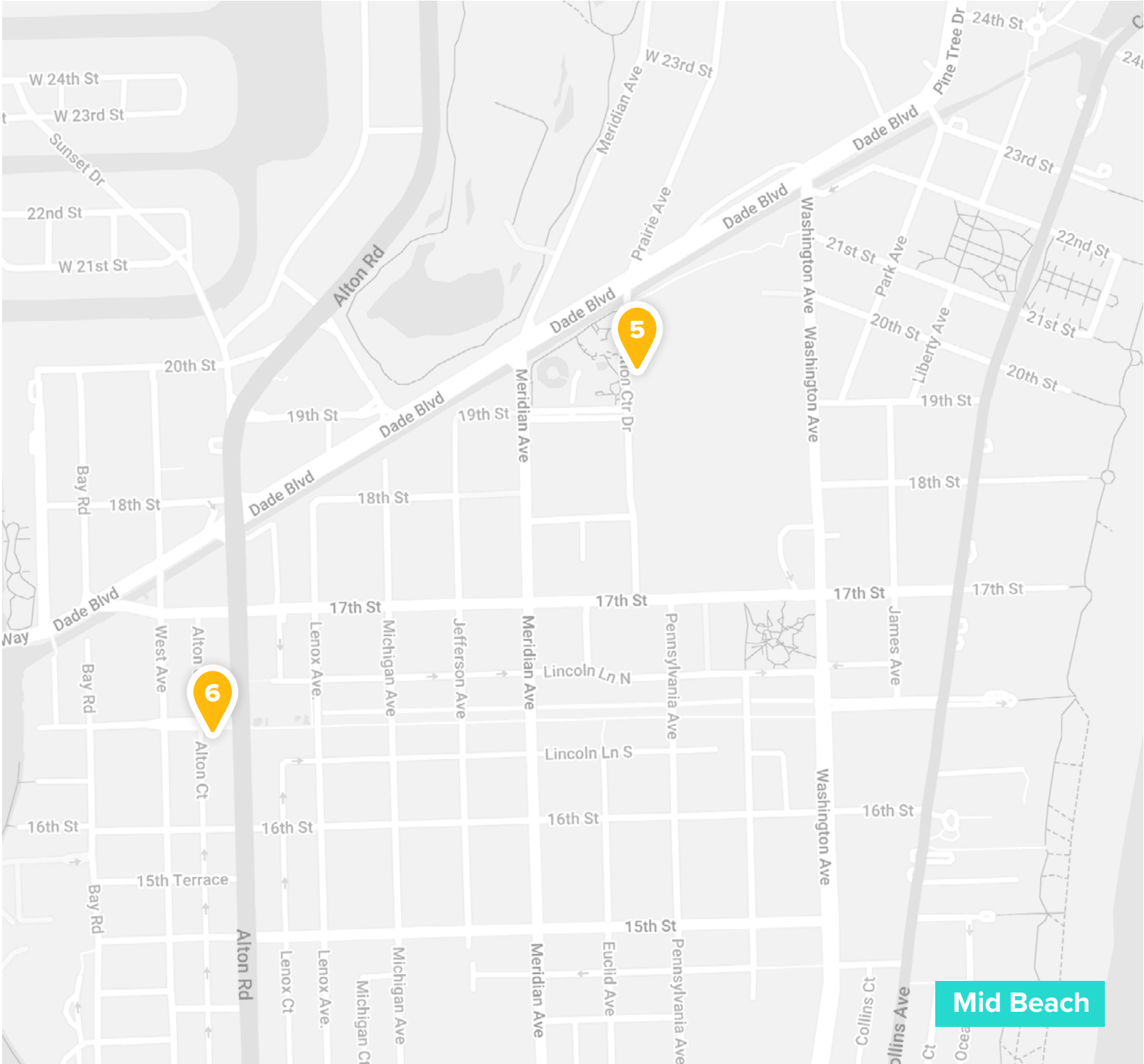
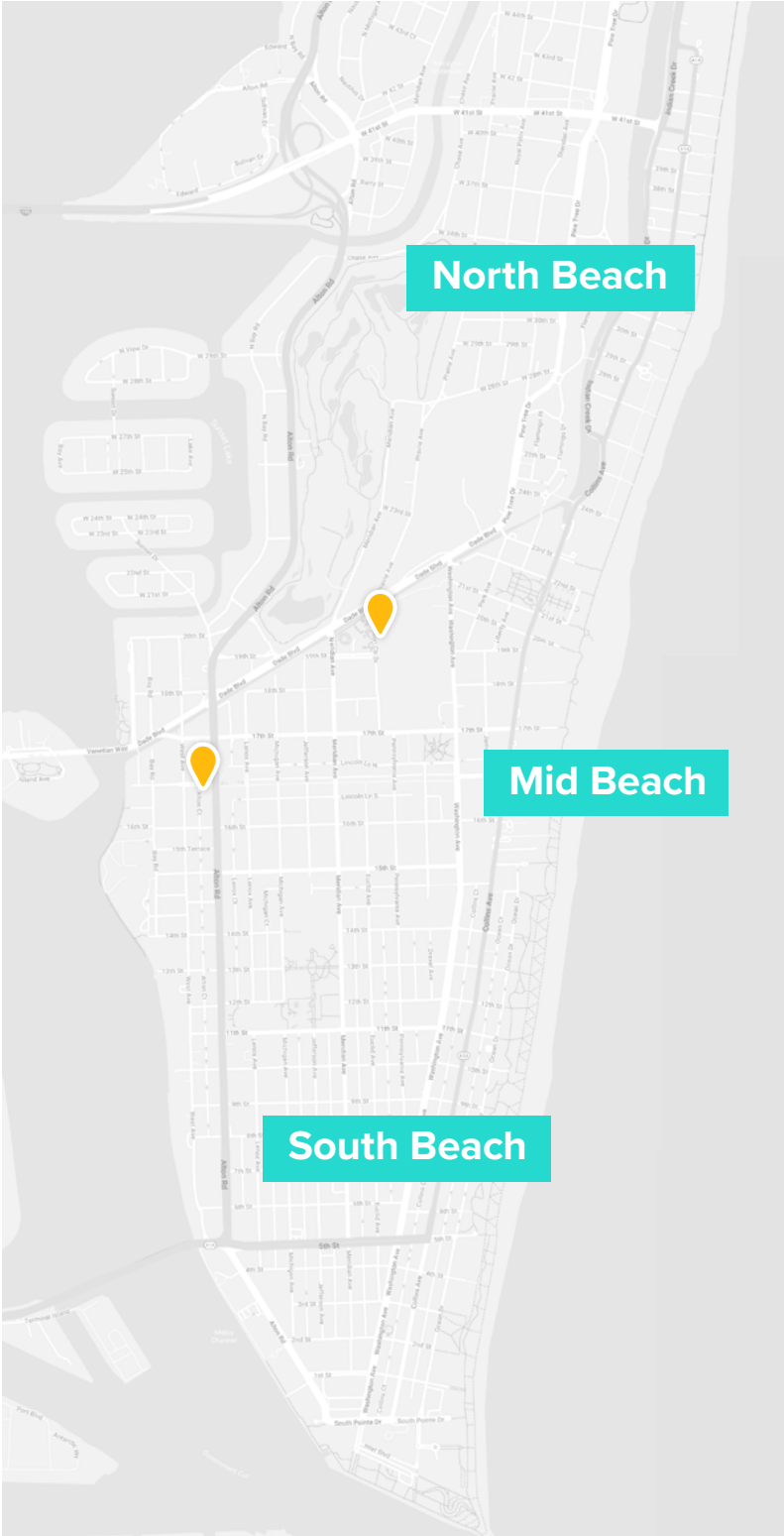


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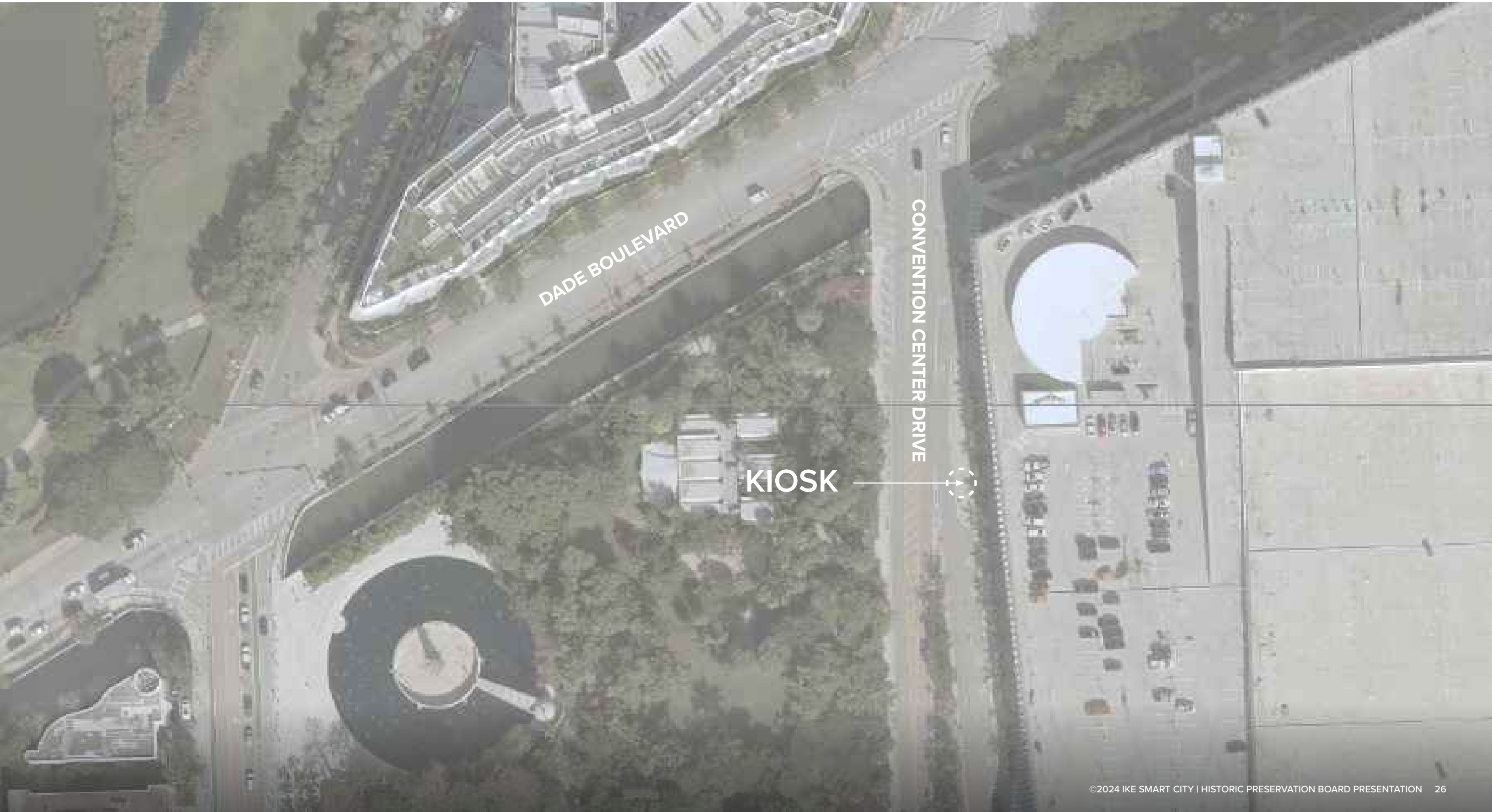
PROPOSED KIOSK
LOCATIONS, EXISTING
CONDITIONS
& RENDERINGS

PROPOSED IKE KIOSK LOCATIONS

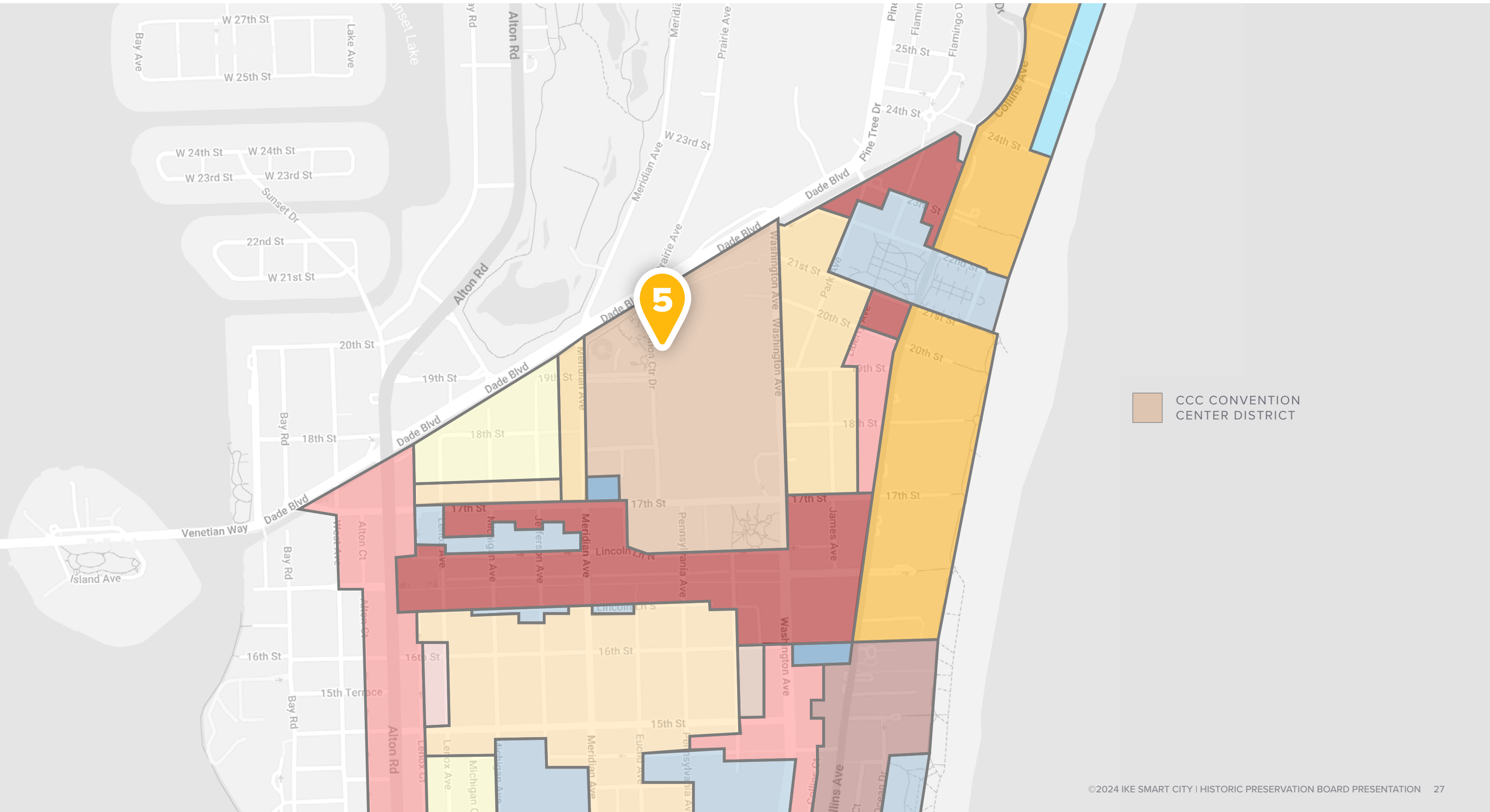
Please see the two proposed kiosk locations for review by the Design Review Board on the following pages.



5. CONVENTION CENTER DRIVE



5. CONVENTION CENTER DRIVE



5. CONVENTION CENTER DRIVE

RENDERING



5. CONVENTION CENTER DRIVE

RENDERING

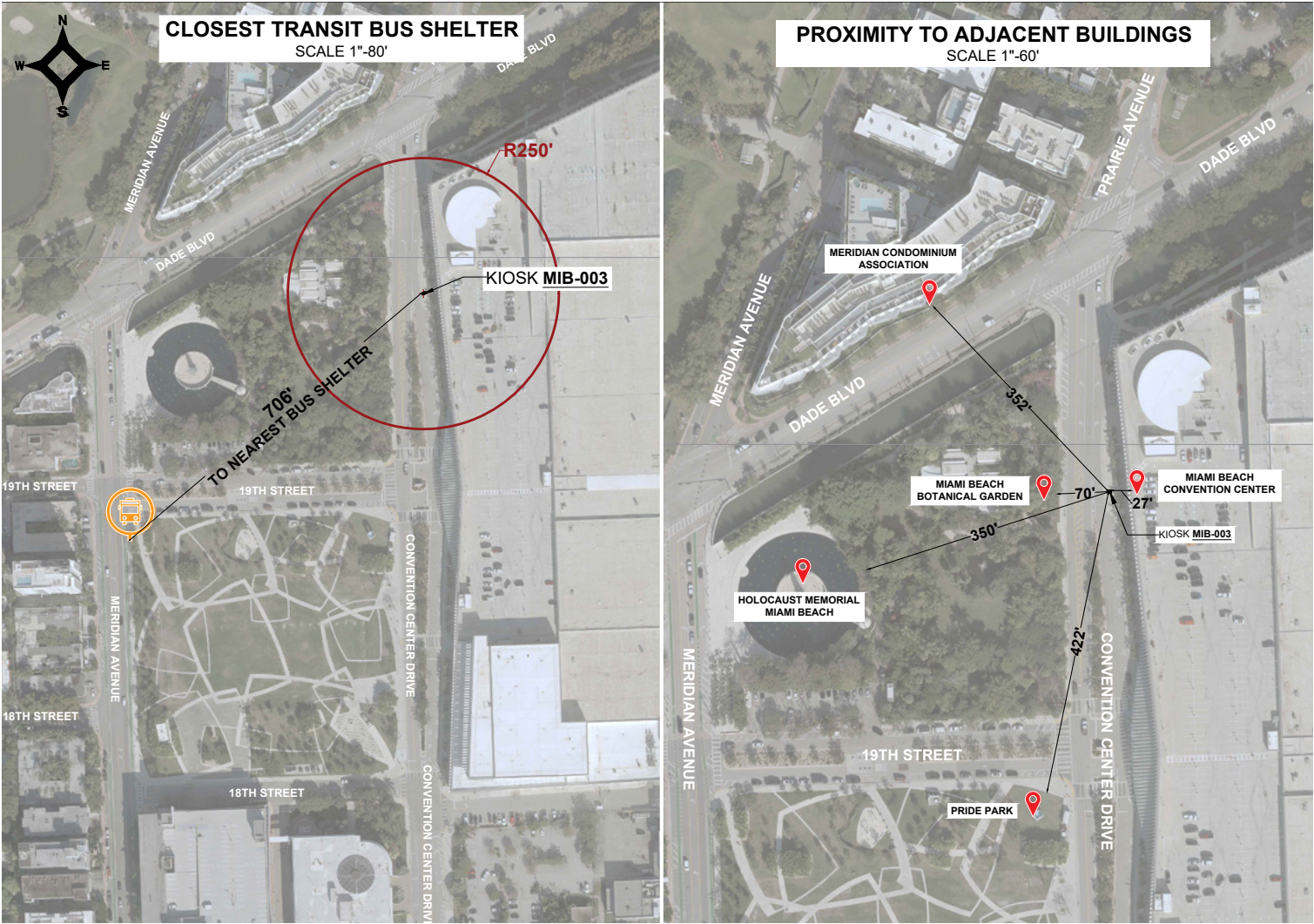
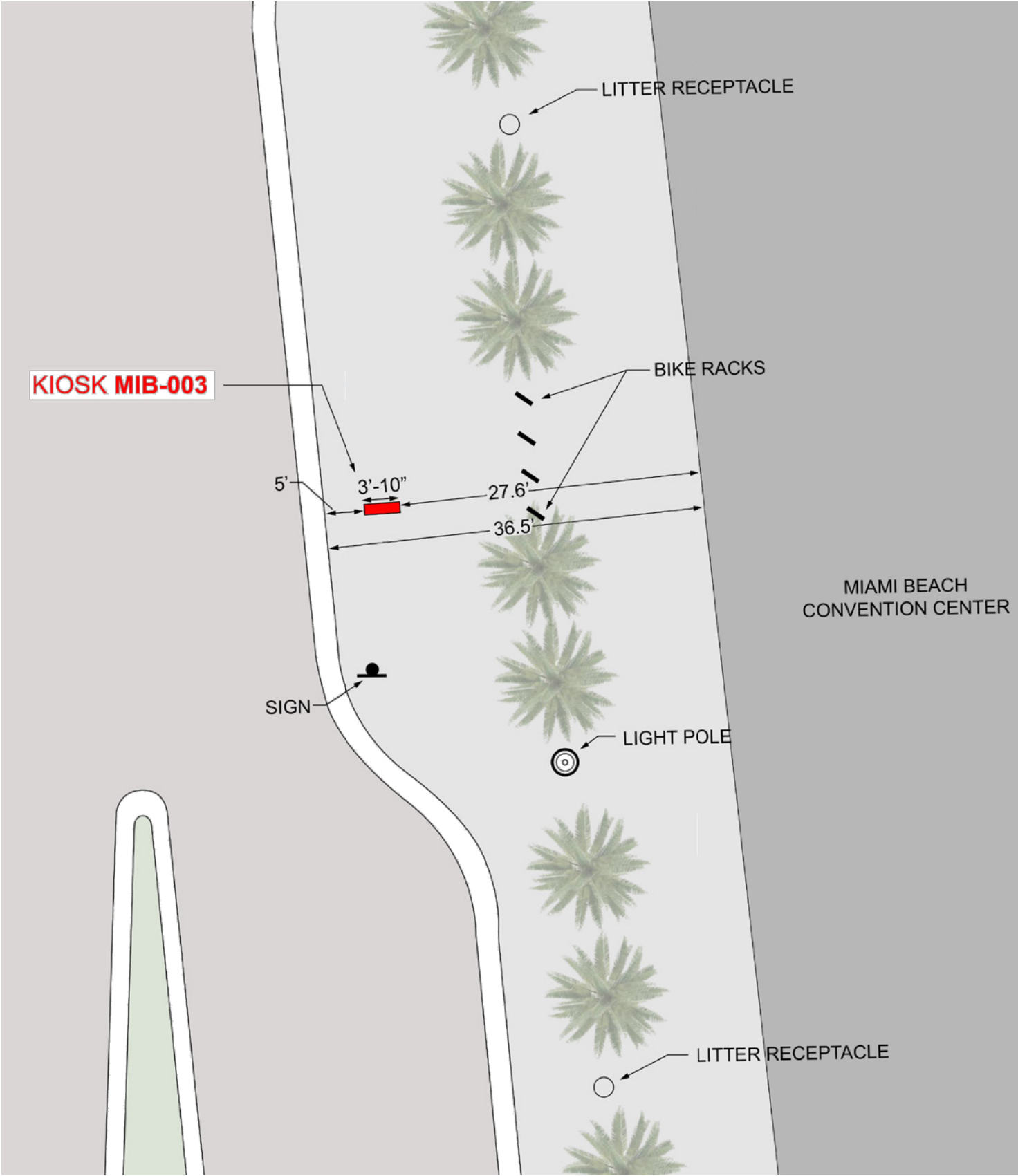


5. CONVENTION CENTER DRIVE

RENDERING



5. CONVENTION CENTER DRIVE



- ▶ Nearest bus stop/shelter: 706'
- ▶ Nearest building: 27' 7", Miami Beach Convention Center

5. CONVENTION CENTER DRIVE - LOCATION CONSIDERATIONS

TECHNICAL FEASIBILITY

- ▶ Position of kiosk was shifted based on feedback from City Staff to avoid main entrance area of the Miami Beach Convention Center
- ▶ Total sidewalk width from the edge of the kiosk to the nearest building facade is 27' 7", with a pedestrian clear walking path of 11' 2" from the edge of the kiosk to the existing palm tree line
- ▶ Nearby existing sidewalk features allow adequate space on either side of the kiosk for ADA compliance
- ▶ Kiosk is set 5' from the front of curb to allow for ease of vehicle access and passenger drop-off

ENGAGEMENT AND POINTS OF INTEREST

- ▶ Kiosk will serve the 600,000+ yearly visitors of the Miami Beach Convention Center
- ▶ Kiosk is across the street from the Miami Beach Botanical Garden
- ▶ Kiosk is nearby to future Grand Hyatt hotel

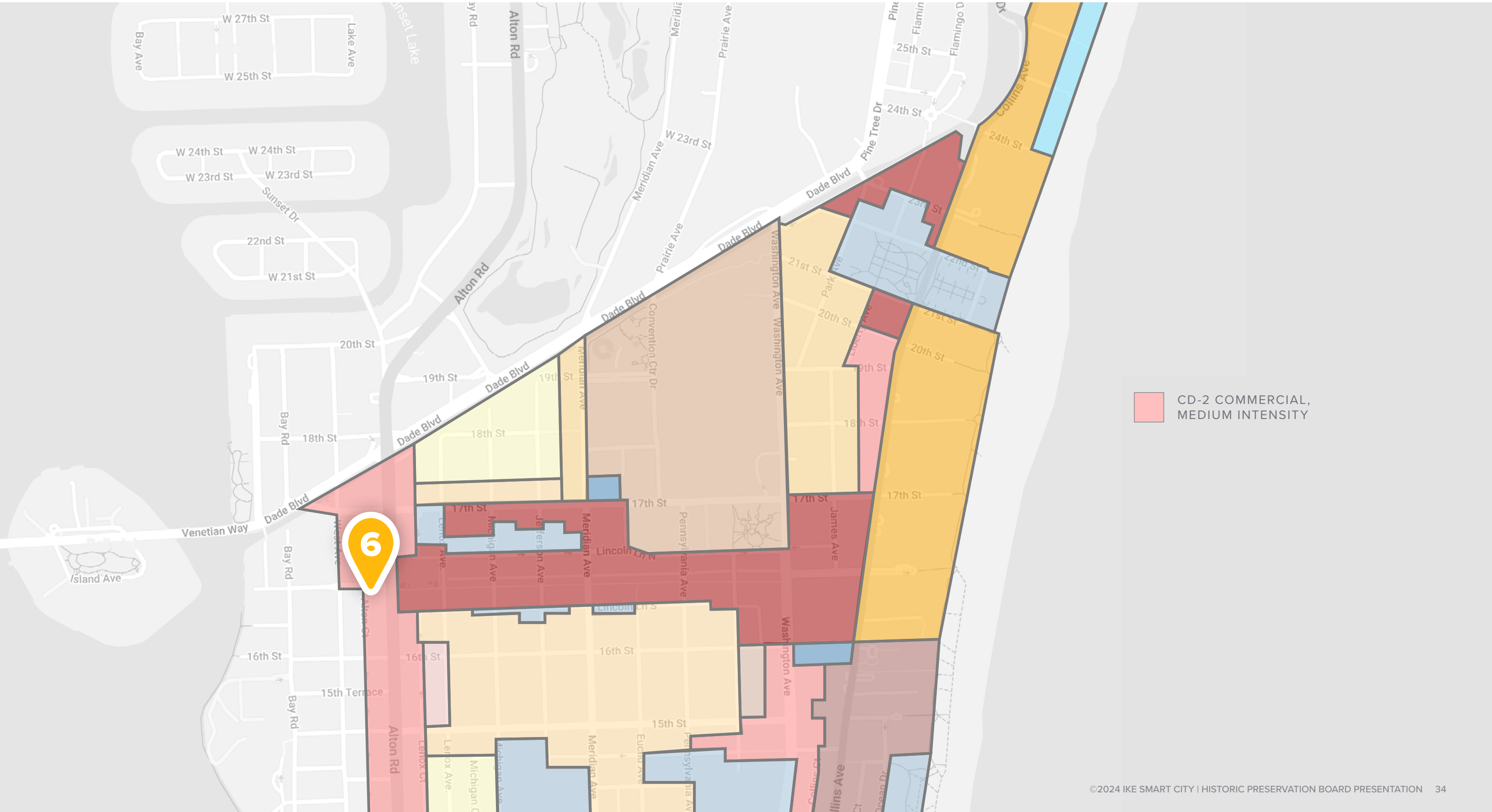
COMMUNITY SUPPORT

- ▶ Miami Beach Convention Center

6. LINCOLN ROAD & ALTON ROAD



6. LINCOLN ROAD & ALTON ROAD



6. LINCOLN ROAD & ALTON ROAD

RENDERING



6. LINCOLN ROAD & ALTON ROAD

RENDERING

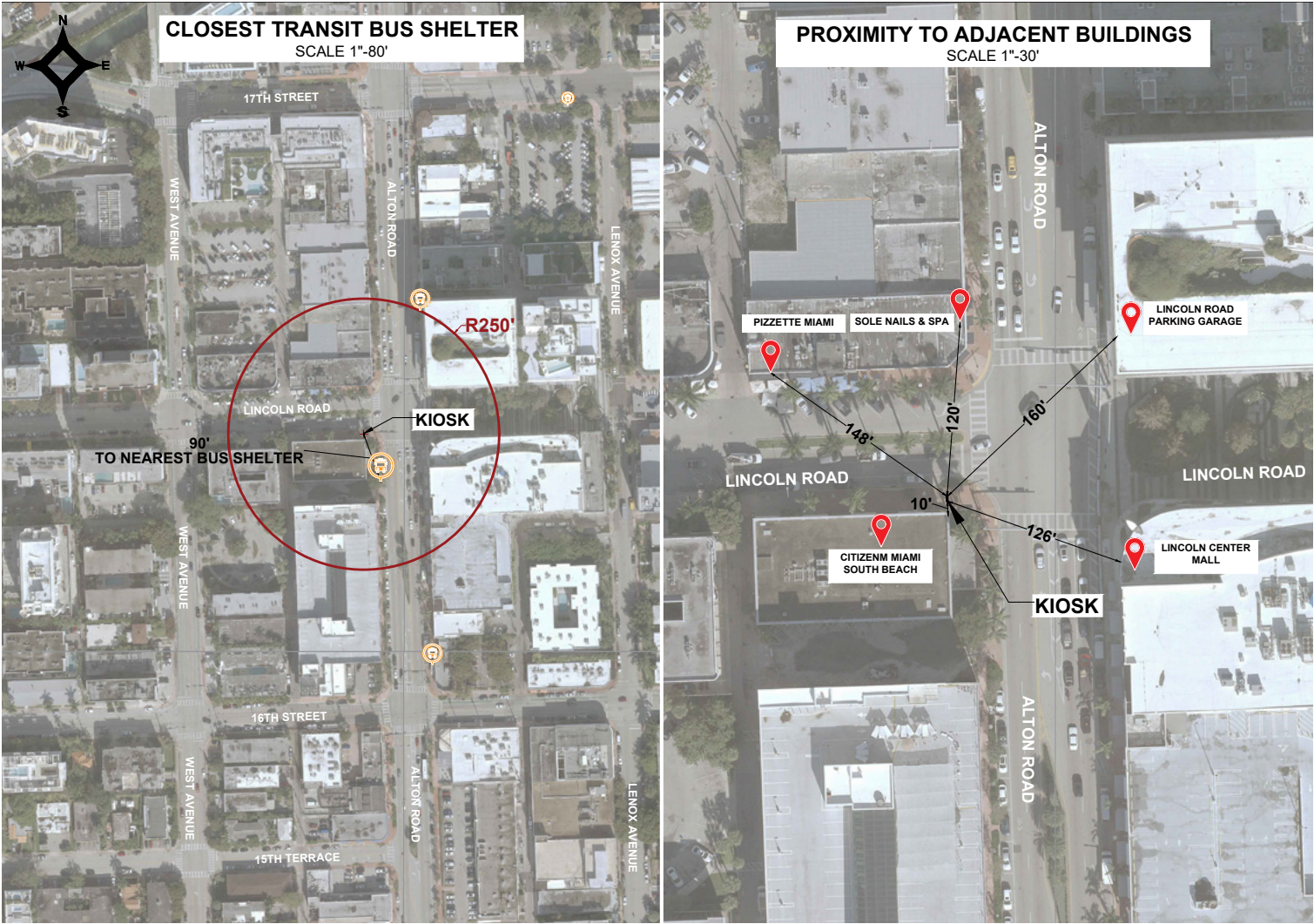


6. LINCOLN ROAD & ALTON ROAD

RENDERING



6. LINCOLN ROAD & ALTON ROAD



- ▶ Nearest bus stop/shelter: 456'
- ▶ Nearest building: 10', Citizen M Hotel

6. LINCOLN ROAD & ALTON ROAD - LOCATION CONSIDERATIONS

TECHNICAL FEASIBILITY

- ▶ Sidewalk maintains a pedestrian clear walking path of 6' 2" (6.2' is 6' 2.4" and we have been rounding)
- ▶ Nearby existing sidewalk features allow adequate space on either side of the kiosk for ADA compliance

ENGAGEMENT AND POINTS OF INTEREST

- ▶ Kiosk is adjacent to the newly built CitizenM Hotel
- ▶ Kiosk is across from Lincoln Road's iconic pedestrian promenade

COMMUNITY SUPPORT

- ▶ Lincoln Road BID

Thank You

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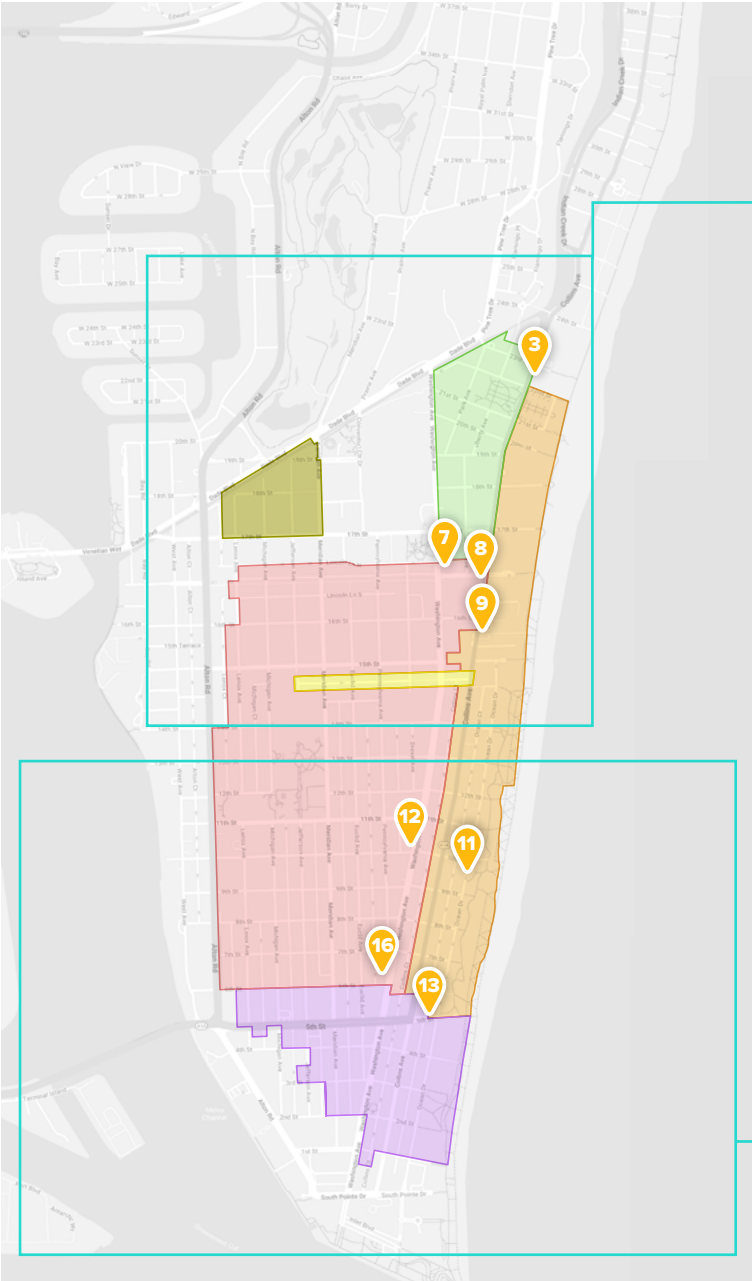


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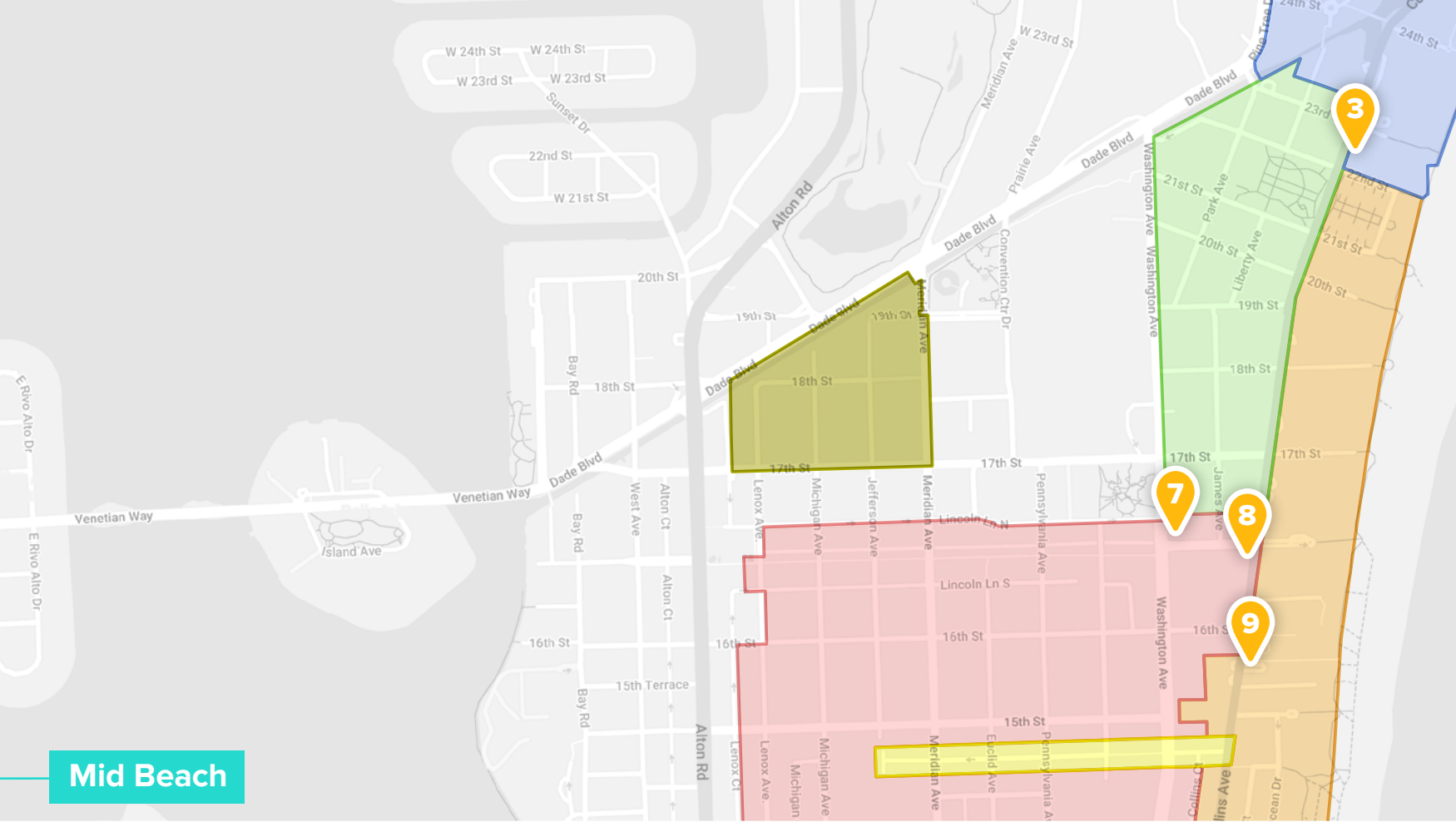
APPENDIX

PROPOSED IKE KIOSK LOCATIONS

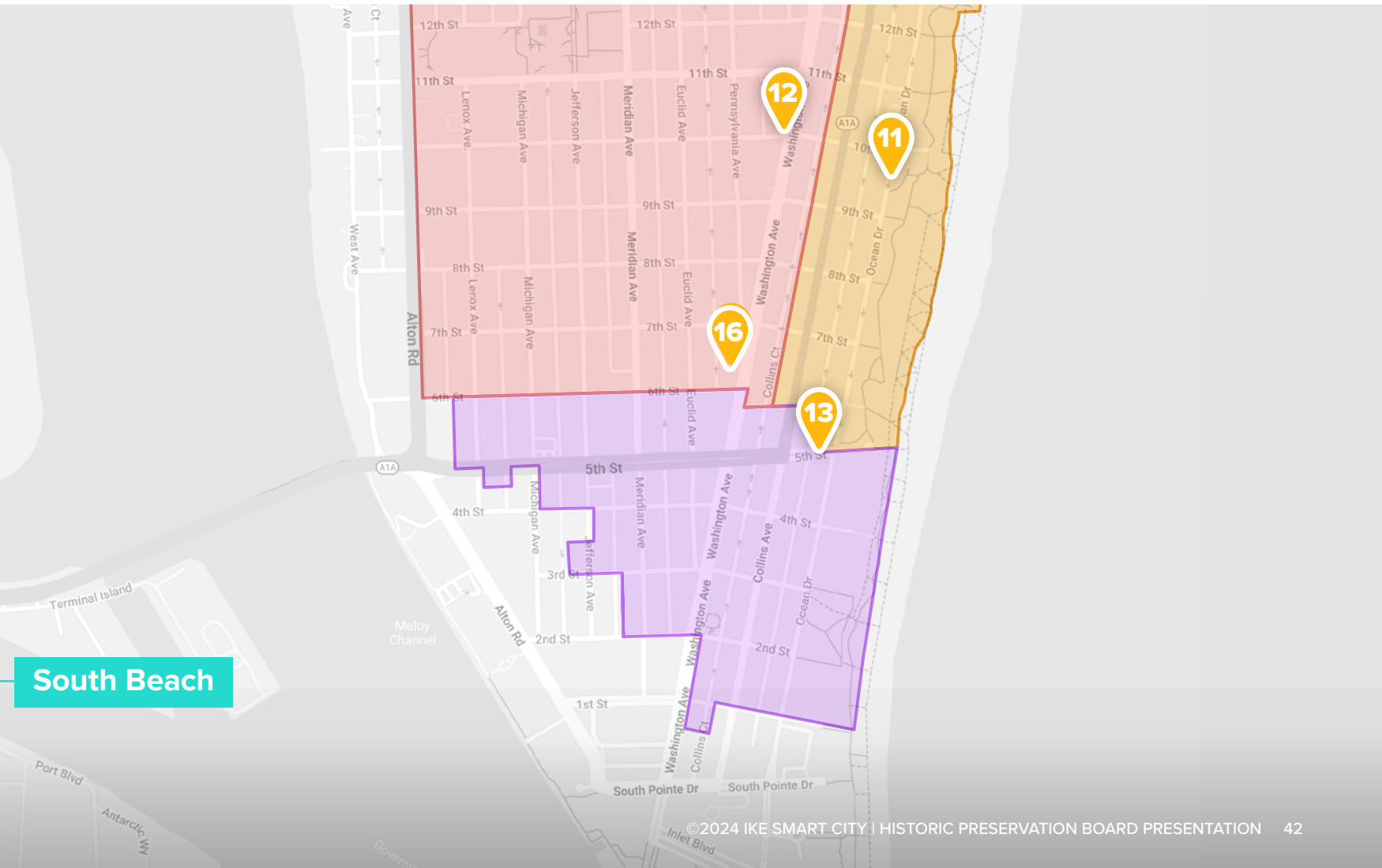
Please see below for the 8 kiosks that are approved within Historic District boundaries.



- MORRIS LAPIDUS/MID 20TH CENTURY HISTORIC DISTRICT
- COLLINS WATERFRONT HISTORIC DISTRICT
- MUSEUM HISTORIC DISTRICT
- PALM VIEW HISTORIC DISTRICT
- OCEAN DRIVE/COLLINS AVENUE HISTORIC DISTRICT
- FLAMINGO PARK HISTORIC DISTRICT
- ESPANOLA WAY HISTORIC DISTRICT
- OCEAN BEACH HISTORIC DISTRICT



Mid Beach



South Beach

11. OCEAN DR & 10TH ST

RENDERING



11. OCEAN DR & 10TH ST

RENDERING



11. OCEAN DR & 10TH ST

RENDERING



13. OCEAN DR & 5TH ST

RENDERING



13. OCEAN DR & 5TH ST

RENDERING



13. OCEAN DR & 5TH ST

RENDERING



16. WASHINGTON AVE & 6TH ST

RENDERING



16. WASHINGTON AVE & 6TH ST

RENDERING



16. WASHINGTON AVE & 6TH ST

RENDERING



12. WASHINGTON AVE & 10TH ST

RENDERING



12. WASHINGTON AVE & 10TH ST

RENDERING



12. WASHINGTON AVE & 10TH ST

RENDERING



7. LINCOLN RD & WASHINGTON AVE

RENDERING



**Contingent on integration with James Corner’s master plan for Lincoln Road*

7. LINCOLN RD & WASHINGTON AVE

RENDERING



**Contingent on integration with James Corner’s master plan for Lincoln Road*

7. LINCOLN RD & WASHINGTON AVE

RENDERING



**Contingent on integration with James Corner’s master plan for Lincoln Road*

3. COLLINS AVE & 22ND ST

RENDERING



**Contingent on integration with Perkins & Will wayfinding study*

3. COLLINS AVE & 22ND ST

RENDERING



**Contingent on integration with Perkins & Will wayfinding study*

3. COLLINS AVE & 22ND ST

RENDERING



**Contingent on integration with Perkins & Will wayfinding study*

8. COLLINS AVE & LINCOLN RD

RENDERING



8. COLLINS AVE & LINCOLN RD

RENDERING



8. COLLINS AVE & LINCOLN RD

RENDERING



9. COLLINS AVE & 16TH ST

RENDERING



9. COLLINS AVE & 16TH ST

RENDERING



9. COLLINS AVE & 16TH ST

RENDERING



ACCESSIBILITY

IKE is an inclusive platform that was designed to serve the needs of all citizens. The kiosks are 100% ADA compliant and have been reviewed by an accessibility specialist to ensure compliance with federally mandated requirements. Specifically, IKE meets:

- ▶ ADA 307.2 Protrusion Limits design recommendations (for blind and low vision) by having no protruding objects, greater than 4 inches, above 27 inches from ground level
- ▶ ADA 308.2 Forward Reach design recommendations by allowing all controls to be reachable between 15 and 48 inches from ground level
- ▶ ADA 309.4 Operation recommendations and does not require tight grasping, pinching, or twisting of the wrist
- ▶ ADA 308.3 Side Reach design recommendations by allowing all controls to be reachable between 15 and 48 inches from ground level
- ▶ ADA 304.3.2 T-Shaped Space clearance standard at all kiosk locations

WHEELCHAIR ACCESSIBILITY TOOL

Repositions on-screen content to lower reach



VISUAL SUPPORT TOOLS:

HIGH CONTRAST MODE COMPARISON

Default Interface	High Contrast Mode
4.4 ★★★★★ (1,187) \$	4.4 ★★★★★ (1,187) \$
(303) 322-9554 Open Now	(303) 322-9554 Open Now
SEND DETAILS	SEND DETAILS
Monday: 11:00 AM – 10:00 PM Tuesday: 11:00 AM – 10:00 PM	Monday: 11:00 AM – 10:00 PM Tuesday: 11:00 AM – 10:00 PM

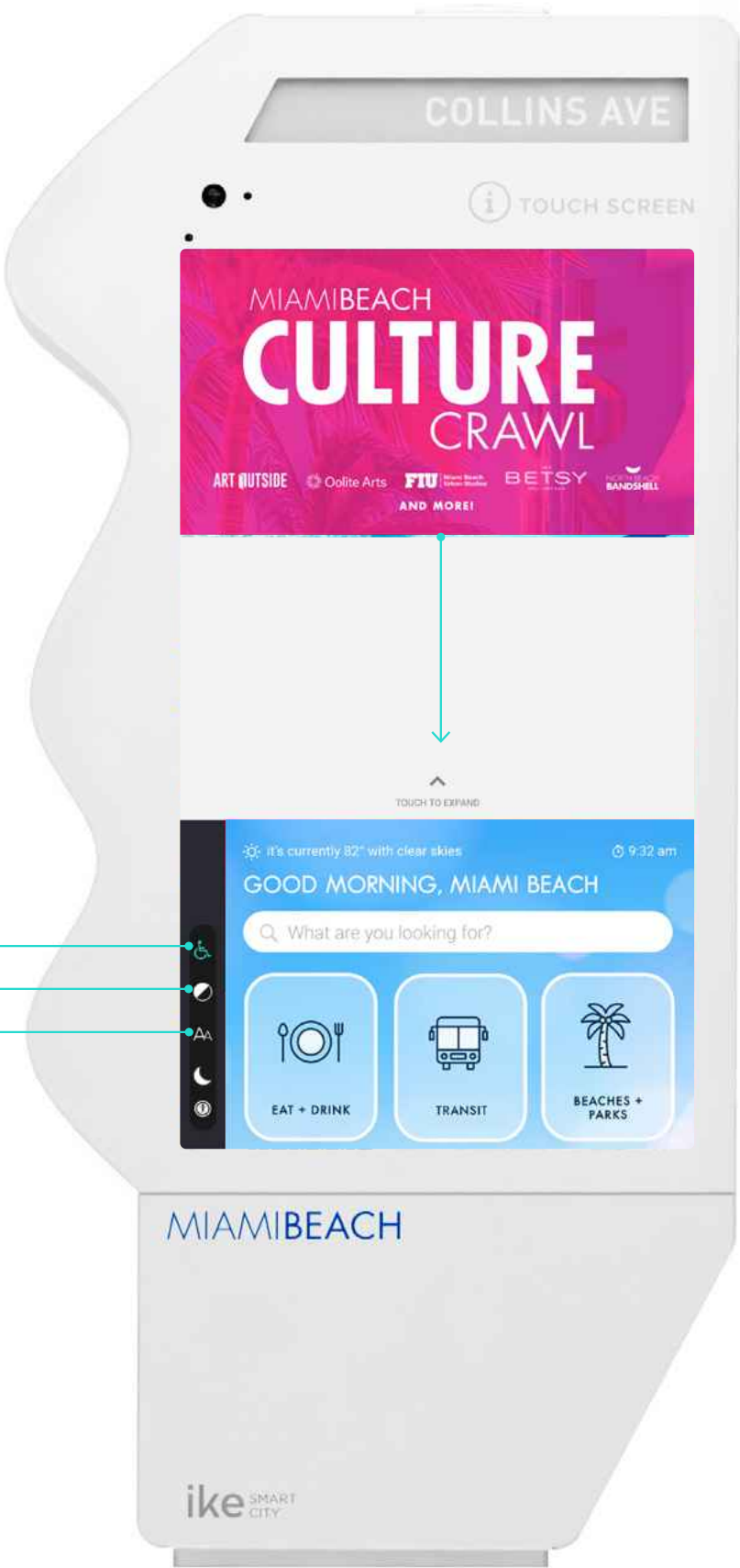


LARGE TEXT MODE COMPARISON

Default Interface	Large Text Mode
Aviano Coffee on 2nd COFFEE SHOP 4.2 ★★★★★ (146) 0.0 Miles 215 St Paul St	Aviano Coffee on 2nd COFFEE SHOP 4.2 ★★★★★ (146) 0.0 Miles 215 St P
Hapa Sushi Grill and SUSHI RESTAURANT	Hapa Sushi Grill



[Click here to read our letter of endorsement from the National Federation for the Blind.](#)



MULTILINGUAL INTERFACE

IKE is multilingual in 100+ languages and provides the highest quality translations to accommodate those whose primary language is not English. Users can easily choose their language from a list along the left side of IKE’s home screen.

- ▶ Our interface does not rely solely on free machine-translation tools like Google Translate, which has limitations when it comes to grammatical accuracy and cultural nuance
- ▶ We use human interpreters to translate key interface elements to ensure that they are correct and contextual, thus avoiding cultural misinterpretations
- ▶ Each kiosk can be programmed to reflect the predominant language spoken in the area surrounding its location

