

SCAPE LANDSCAPE ARCHITECTURE DPC

PENSACOLA WATERFRONT FRAMEWORK AND CATALYTIC PROJECTS



JUNE 17, 2019


PROJECT GOALS

A photograph showing three people riding bicycles on a paved path. The person in the foreground is a woman with long dark hair, wearing a blue and white checkered sleeveless top and white pants, riding a light blue bicycle. Behind her are two men, one in a light blue shirt and shorts, and another in a dark shirt and shorts, both riding bicycles. The path is bordered by green grass on the left and a paved road on the right. In the background, there is a utility pole, an American flag on a tall pole, and a cloudy sky. The overall image has a blue-tinted overlay.

**CREATE A MORE CONNECTED
PUBLIC REALM**



HIGHLIGHT AND CELEBRATE LOCAL ECOLOGY

A vintage photograph with a blue tint, showing a group of African American women and children at a beach. The women are wearing swimsuits and some are holding children. A man in a light-colored suit stands in the foreground on the left. A striped beach umbrella is visible in the background. The text "PROMOTE EQUITY AND INCLUSION IN PUBLIC SPACE" is overlaid in white, bold, uppercase letters across the center of the image.

**PROMOTE EQUITY AND
INCLUSION IN PUBLIC SPACE**



**LEVERAGE OPPORTUNITIES
FOR ECONOMIC DEVELOPMENT**



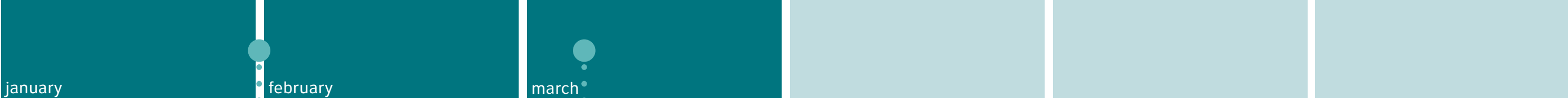
**A NEW MODEL FOR OUTREACH
AND CIVIC ENGAGEMENT**

A man and a woman are standing on a wooden deck overlooking a pond. The man is wearing a blue shirt and a dark cap, and the woman is wearing a green shirt and a tan hat. They appear to be in a conversation. The background shows a pond with tall grasses and trees under a clear sky. The image has a dark teal overlay.

IDENTIFY ACTIONABLE AND IMPLEMENTABLE PROJECTS

PROJECT TIMELINE

FRAMEWORK PLAN



january

february

march

april

may

june

CATALYTIC PROJECTS: CONCEPT DESIGN:

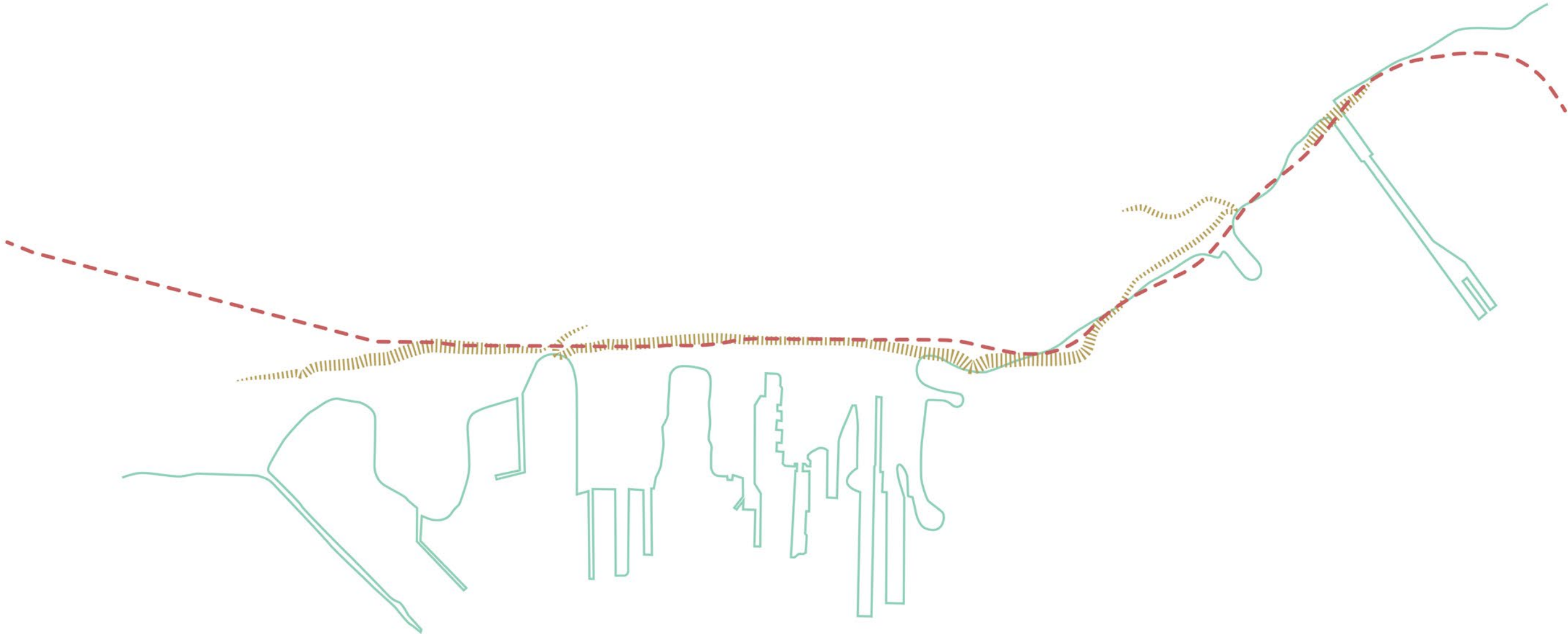
**CIVICCON:
PRESENTATION
+ WORKSHOPS**

**SANDERS BEACH:
SITE VISIT
+ MEETINGS**

**FRAMEWORK:
PRESENTATION
+ CATALYTIC
PROJECT
WORKSHOPS**

**FINAL PUBLIC:
PRESENTATION
6/17**

**PENSACOLA'S WATERFRONT INDUSTRY EXPANDED
THE ZONE BETWEEN WATER AND LAND**



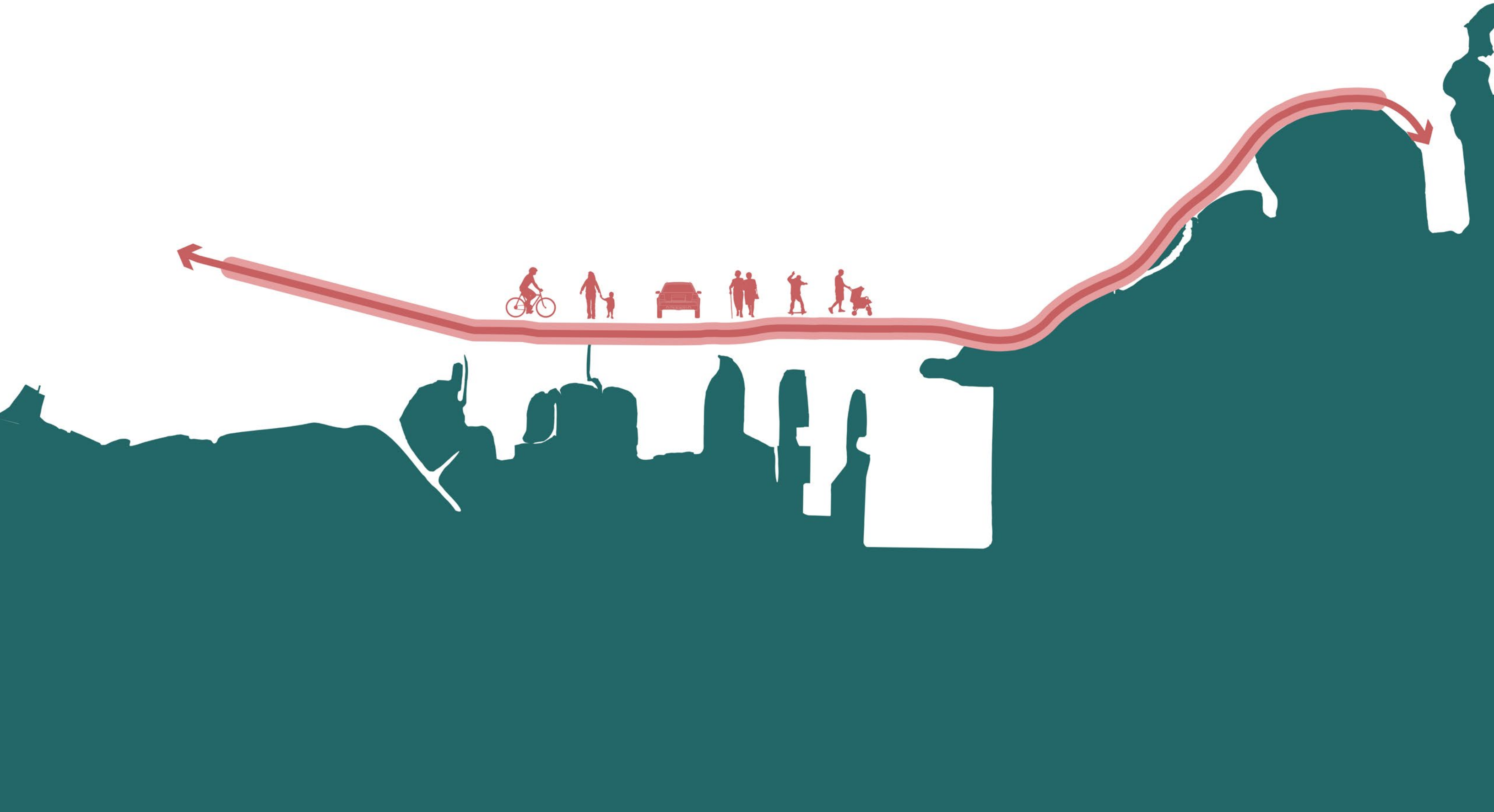


ESCAMBIA BAY BLUFFS, 1960S

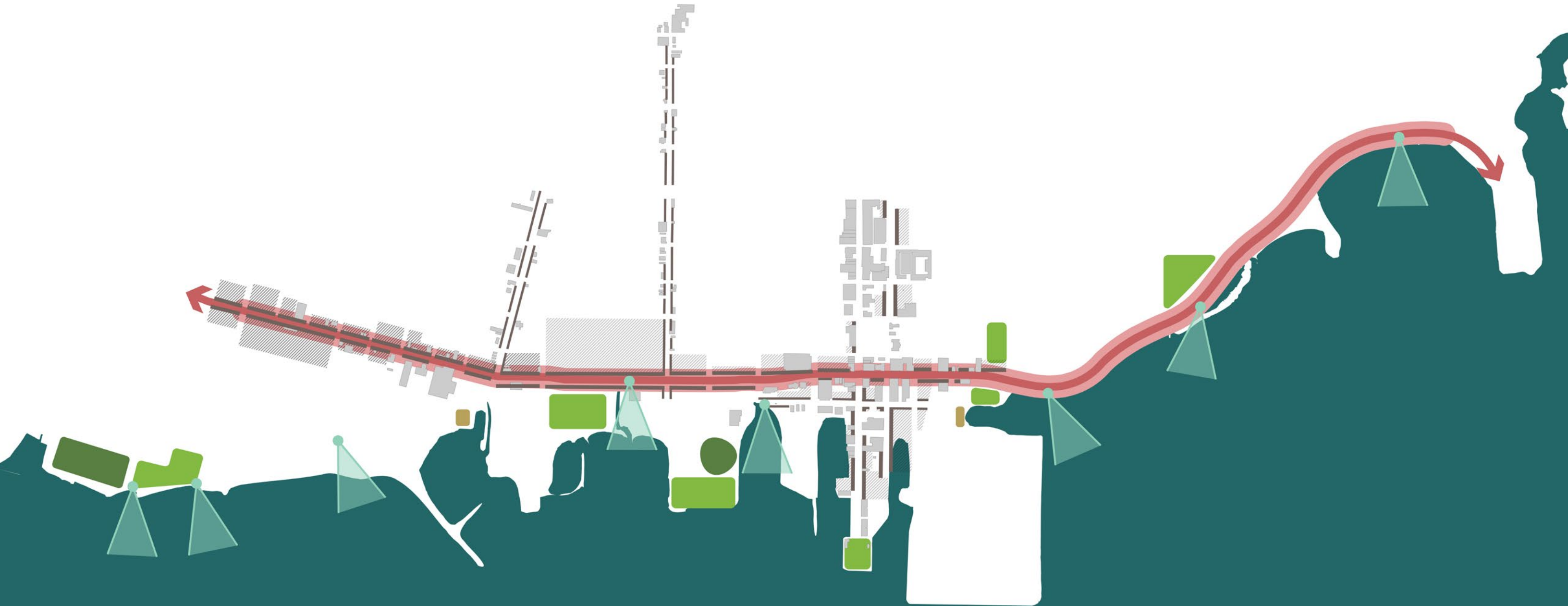


PALAFIX PIER

**THE FRAMEWORK ESTABLISHES A STRONG IDENTITY FOR
MAIN STREET AND PRIORITIZES ALL ROAD USERS...**



**LINKS PENSACOLA'S WATERFRONT DESTINATIONS AND VIEWS,
AND ENCOURAGES FUTURE URBAN DEVELOPMENT...**



**WHILE CONSIDERING
VULNERABILITY AND
HISTORIC ECOLOGICAL
PATTERNS**

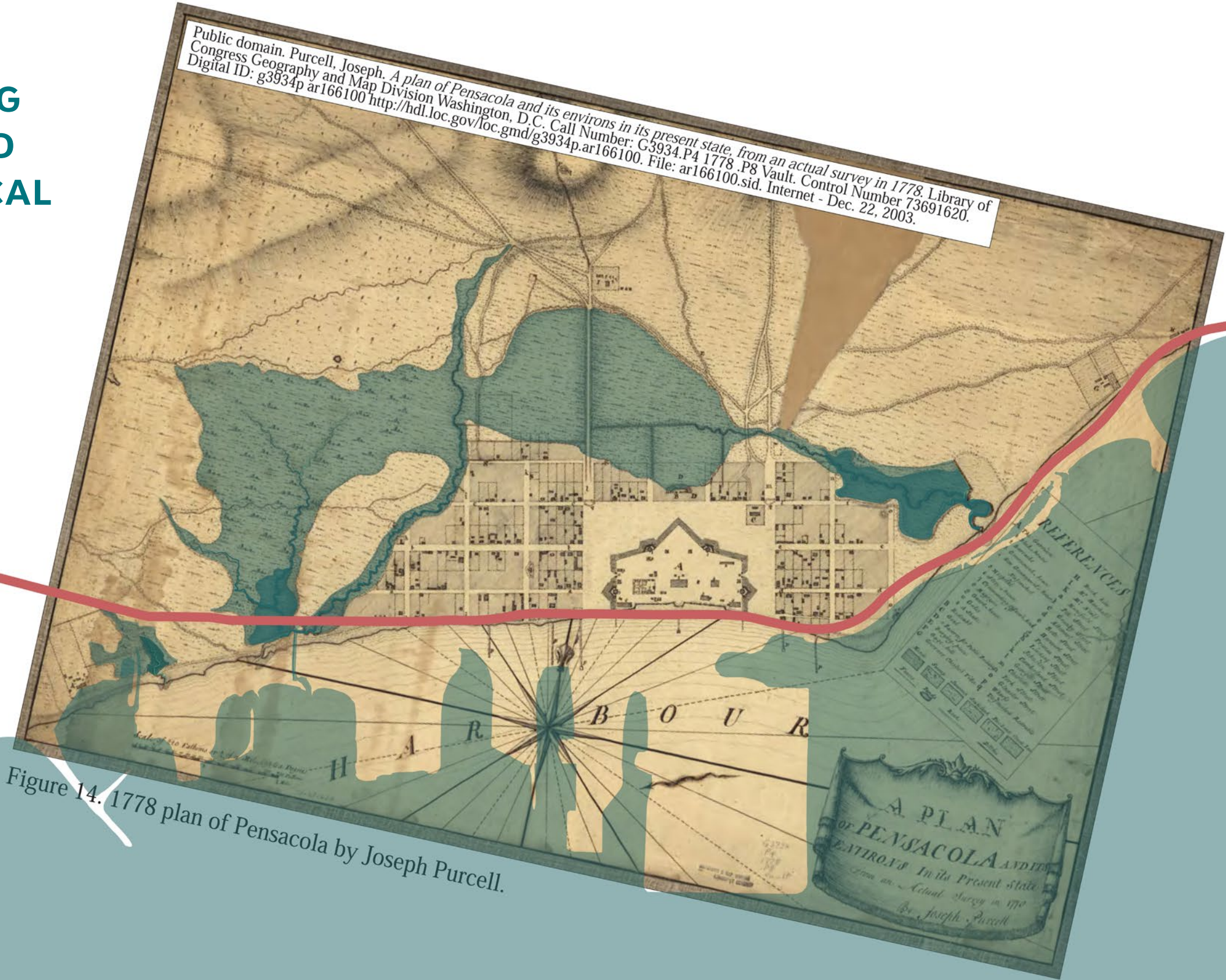
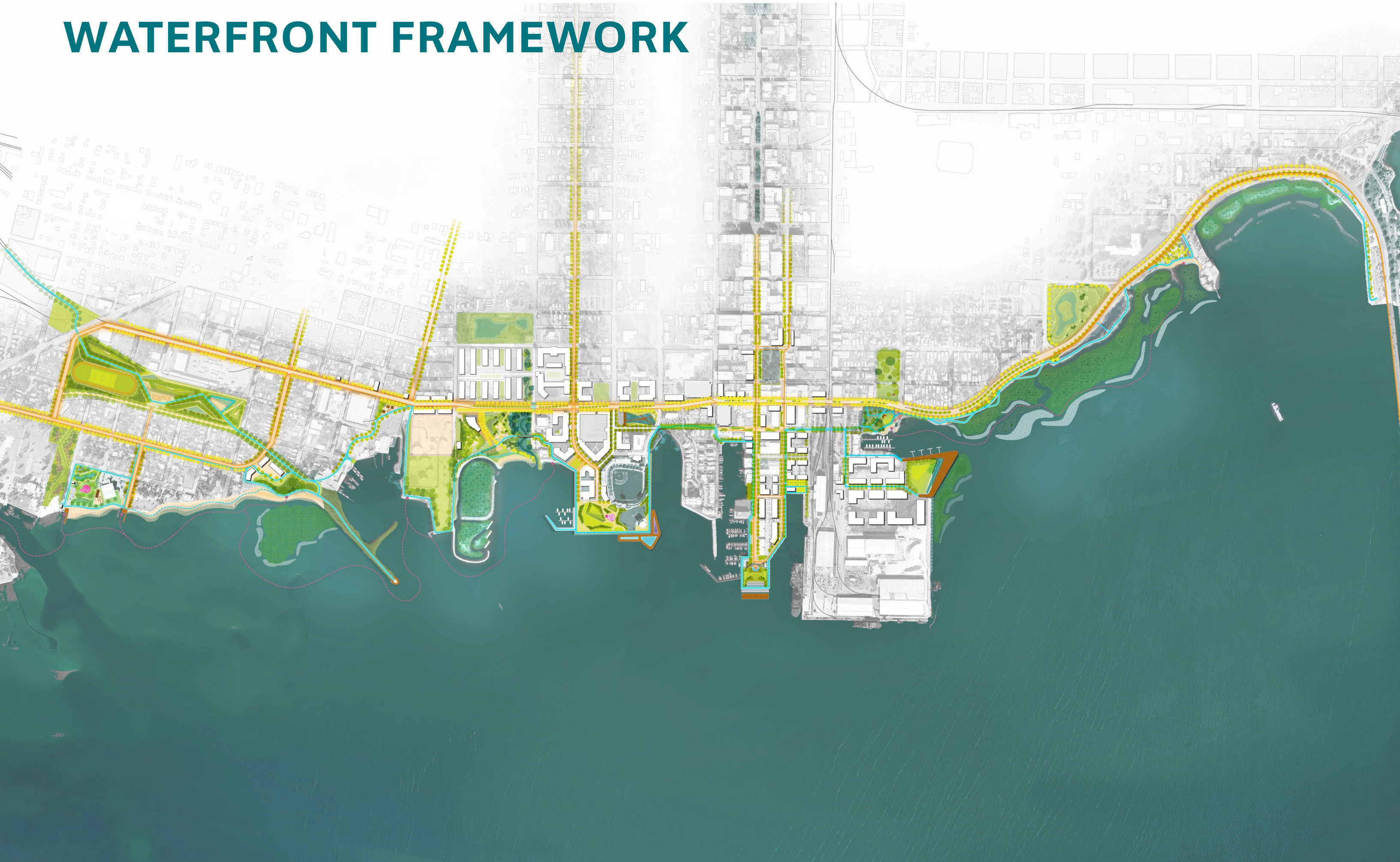


Figure 14. 1778 plan of Pensacola by Joseph Purcell.

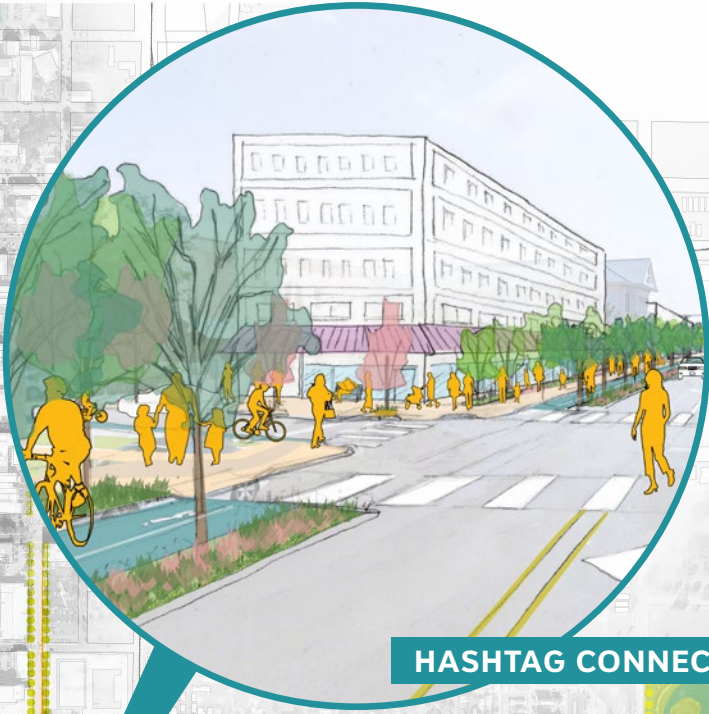
WATERFRONT FRAMEWORK



WATERFRONT FRAMEWORK



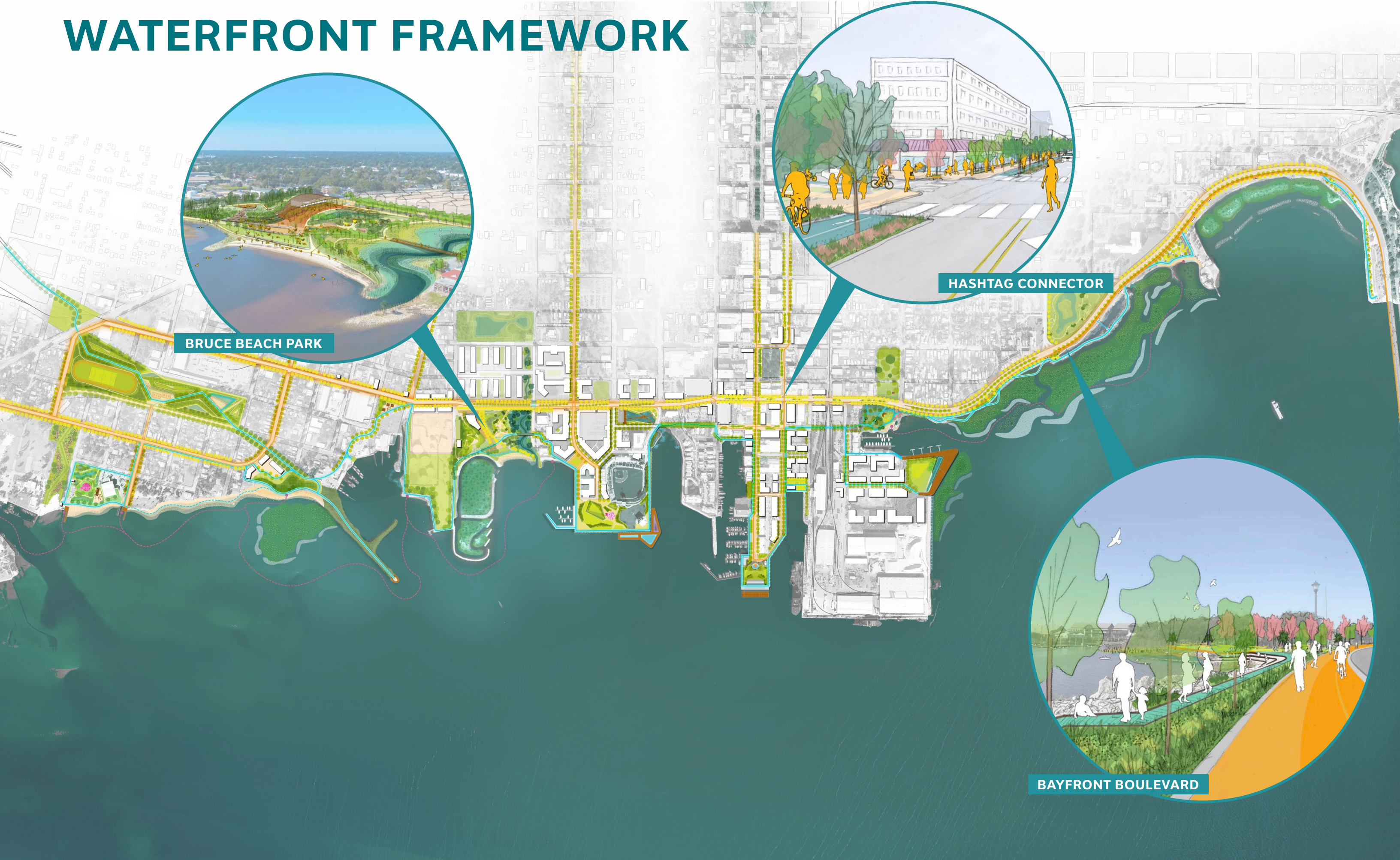
BRUCE BEACH PARK



HASHTAG CONNECTOR



BAYFRONT BOULEVARD

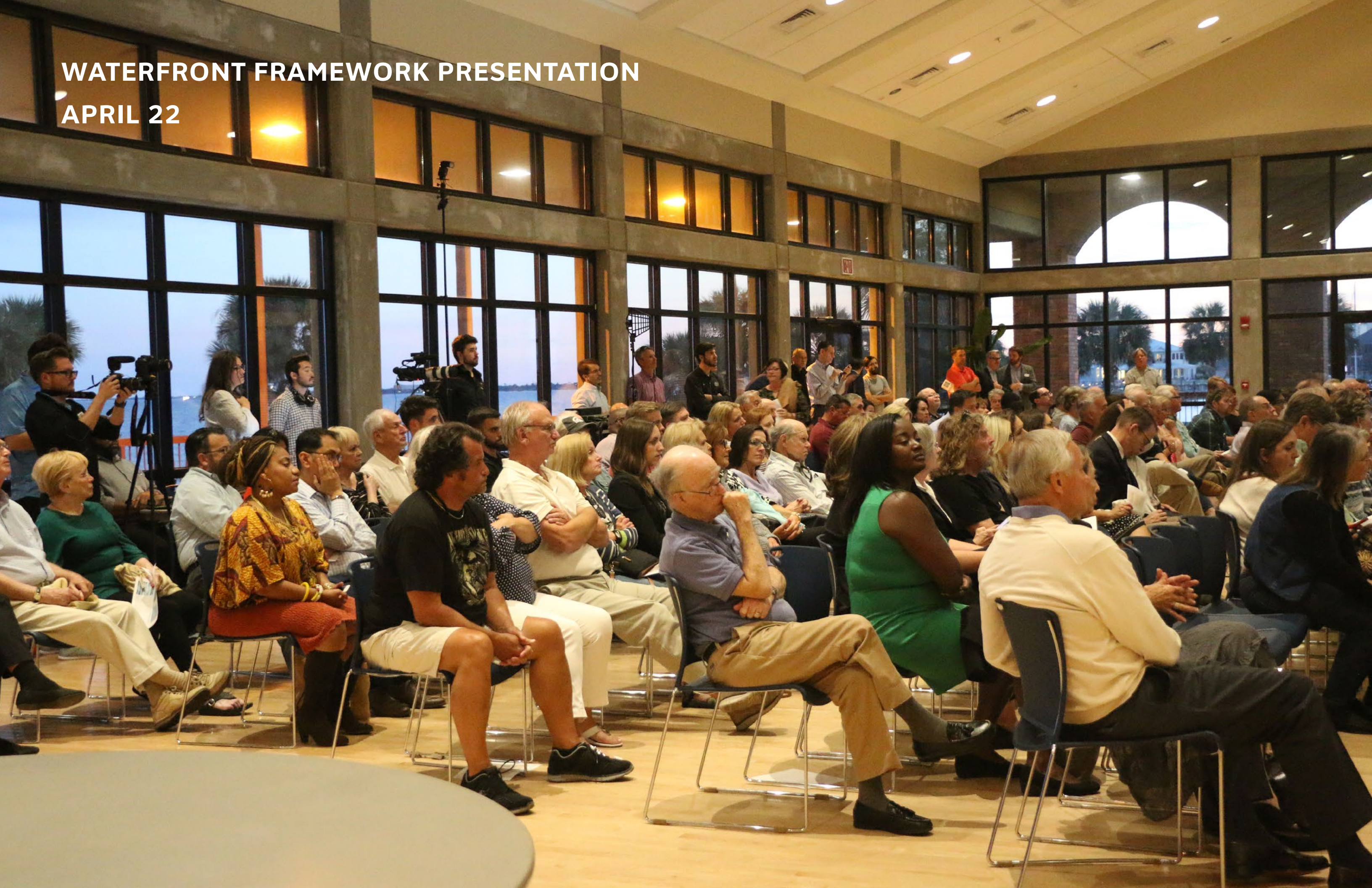


PARTICIPATORY MAPPING WORKSHOPS



WATERFRONT FRAMEWORK PRESENTATION

APRIL 22

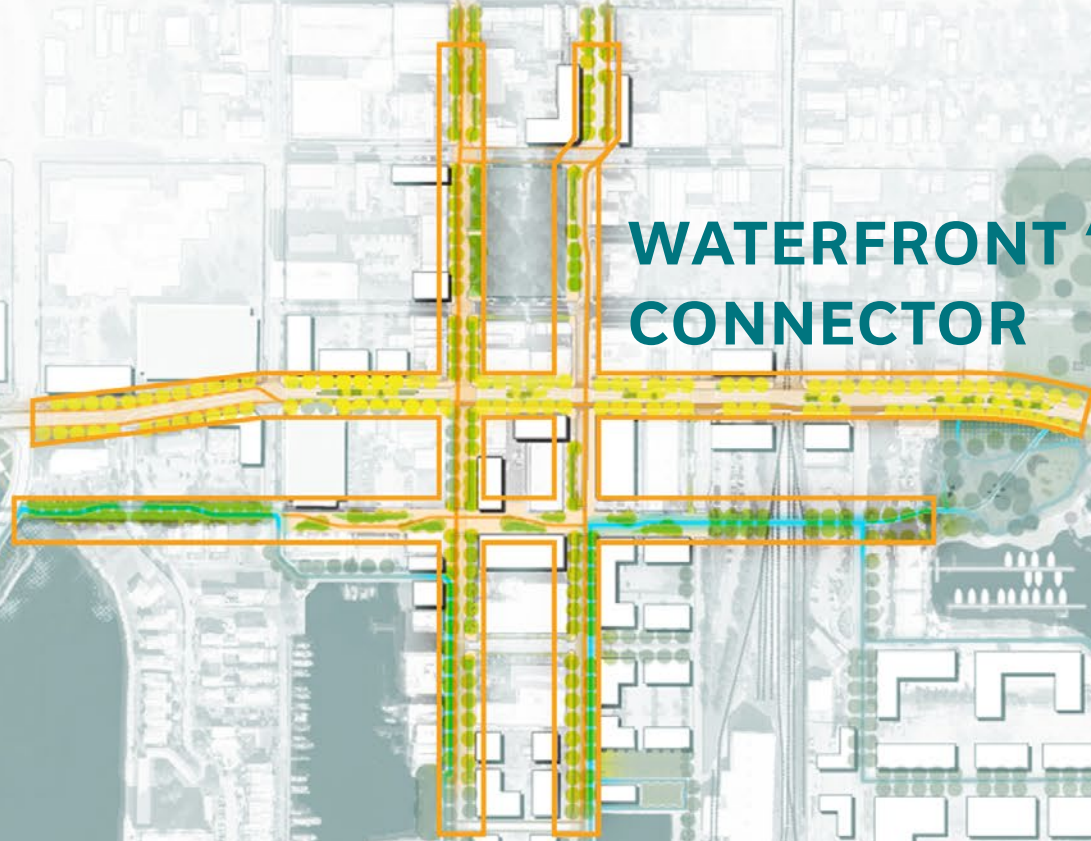


TWO CATALYTIC PROJECTS:

BRUCE BEACH



WATERFRONT "HASHTAG" CONNECTOR



James Lima Planning + Development

**PARKS AND OPEN SPACES AS
ECONOMIC DEVELOPMENT STRATEGY**

Capital Follows Talent.
Talent Follows **Place.**

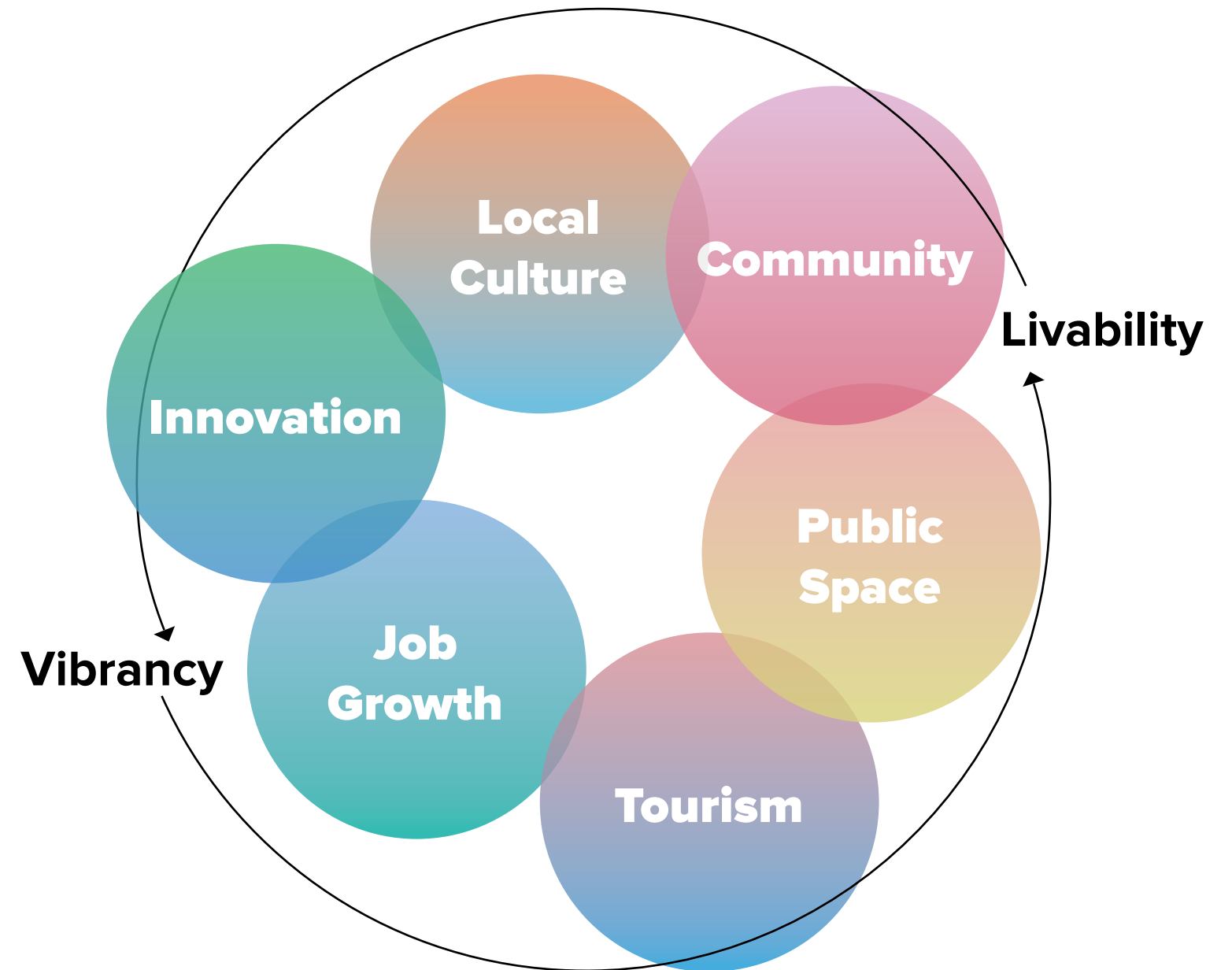
Evidence throughout the U.S. confirms that strategic investments in parks and open spaces can:

- improve **quality of life**,
- attract **talent and businesses**,
- spur **private development**, and
- generate favorable **returns on public investment**.

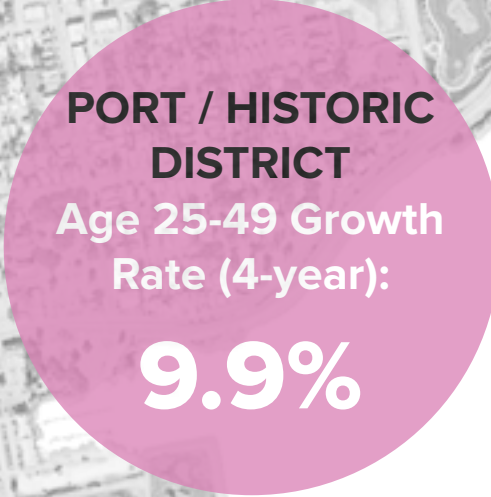
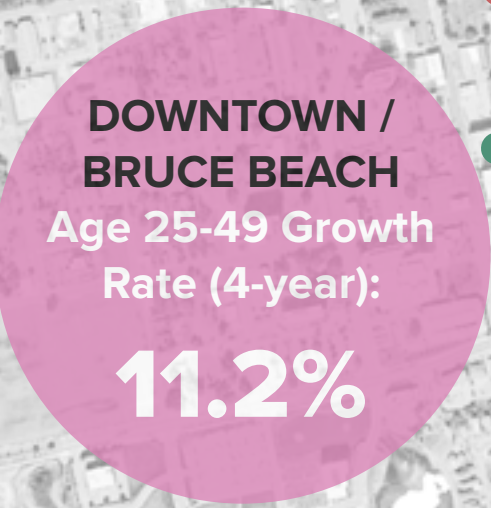
Pensacola's **public and private investments in placemaking** have already generated impressive economic and social benefits for the city as a whole.



Pensacola should continue to invest in high-quality parks and urban amenities to **compete for visitors, young talent, and the creative class** - these are key components of successful tourism and innovation economy.



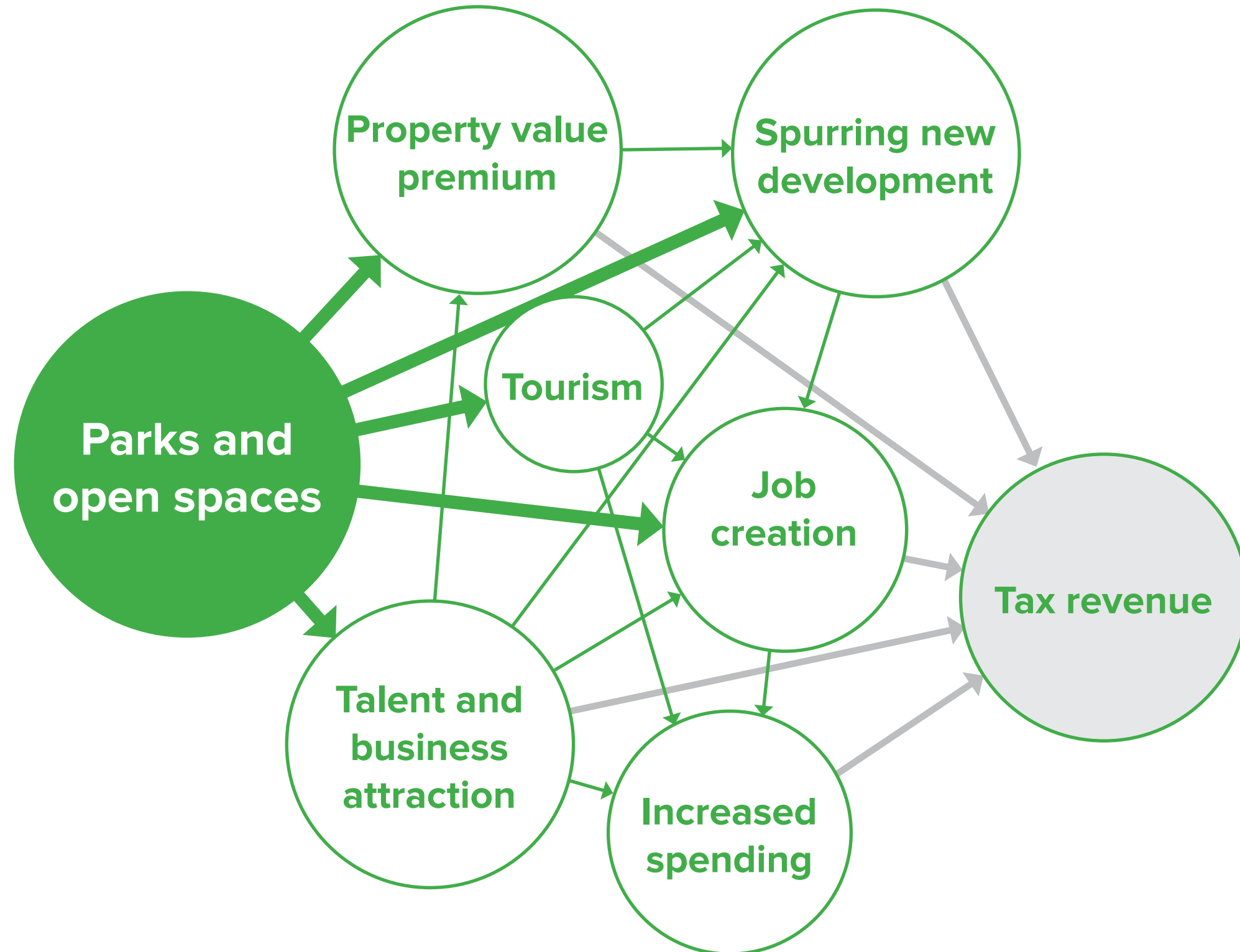
Currently, the growth of young working age population near the waterfront **outpaces the County average**. With further improvement in the quality of life and by leveraging existing assets, Pensacola can develop a *truly competitive core* that **cultivates an effective brand, attracts more talent, fosters stronger agglomeration** of key industries, and **fuels greater regional growth**.



- Existing Assets**
- Major employers
 - Major innovators
 - Art and cultural institutions
 - Recreational assets and attractions

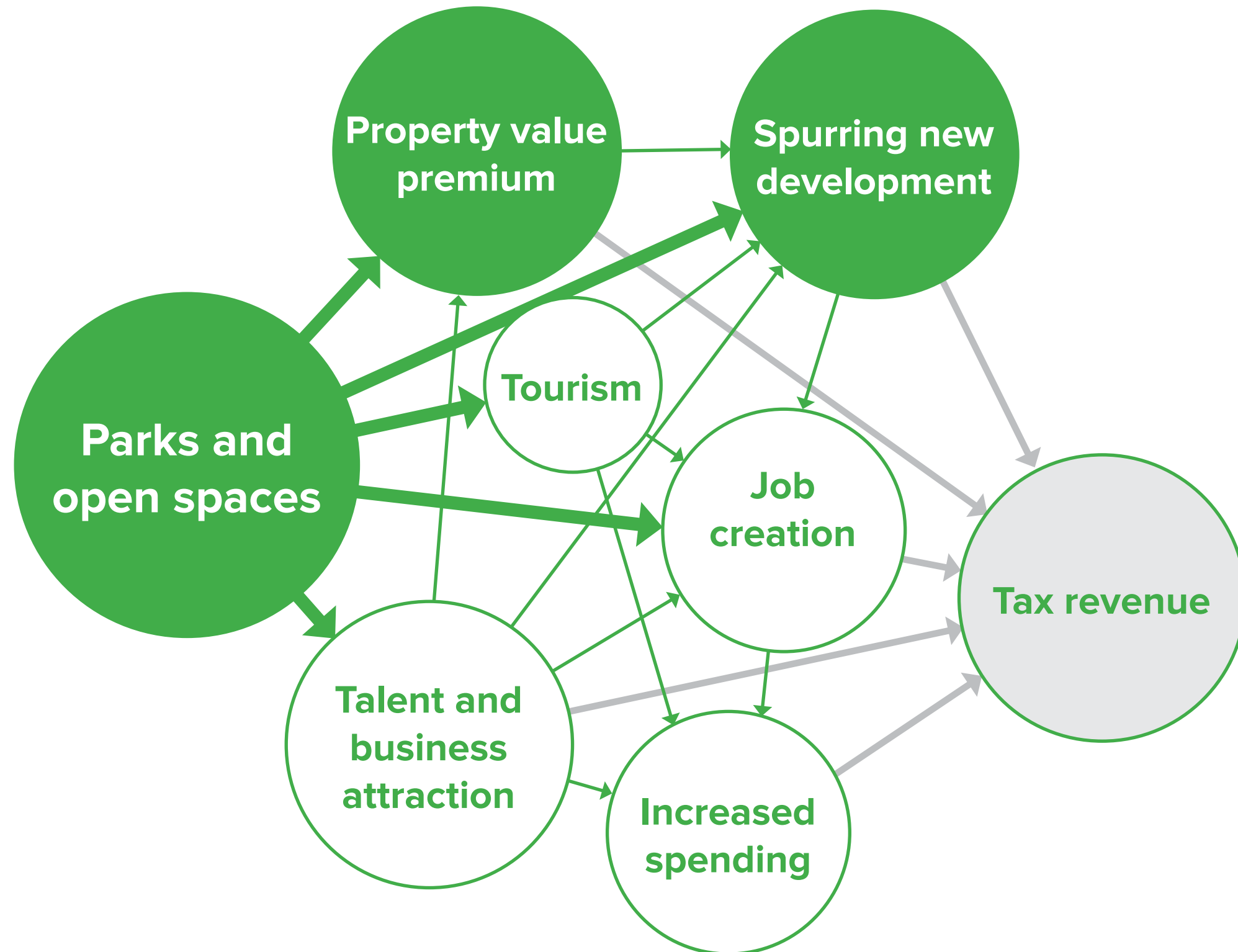
Data source: American Community Survey 2009-2013 and 2013-2017. Downtown / Bruce Beach: Census Tract 1. Port / Historic District: Census Tract 8.

How Do Parks and Open Spaces Generate Economic Benefit?



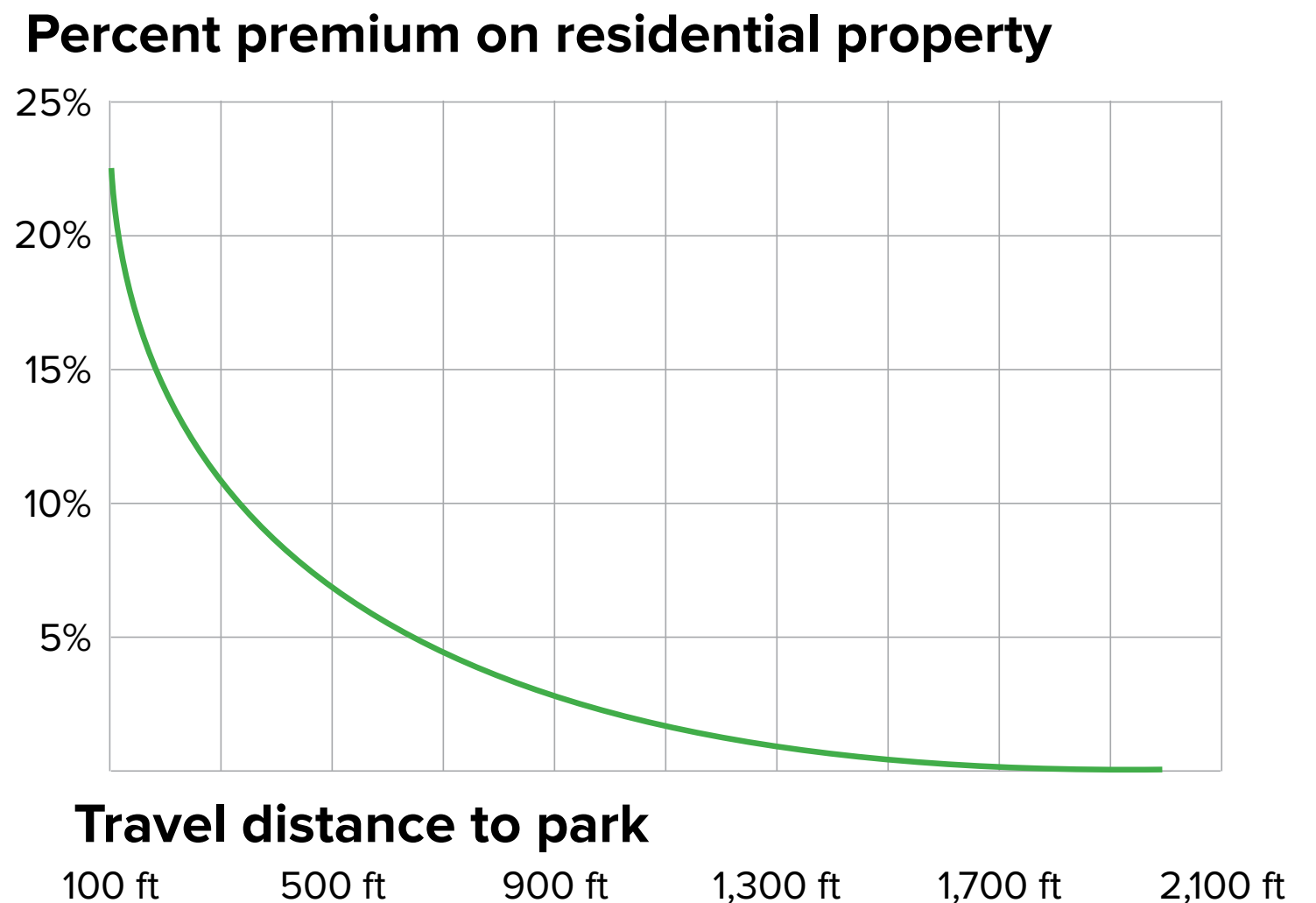
How Do Parks and Open Spaces Generate Economic Benefit?

Focus on Real Estate Impact



55% of Americans say access to green space is a top or higher priority when deciding where to live.

On average, parks and open spaces cause property values to rise by approximately **20%**, depending on proximity, the quality and type of the park, and other locational attributes.



Source: The Urban Land Institute. "America in 2015: A ULI Survey of Views on Housing, Transportation, and Community" (2015).

John L. Crompton. "The Impact of Parks on Property Values: Empirical Evidence from the Past Two Decades in the United States" (2005).

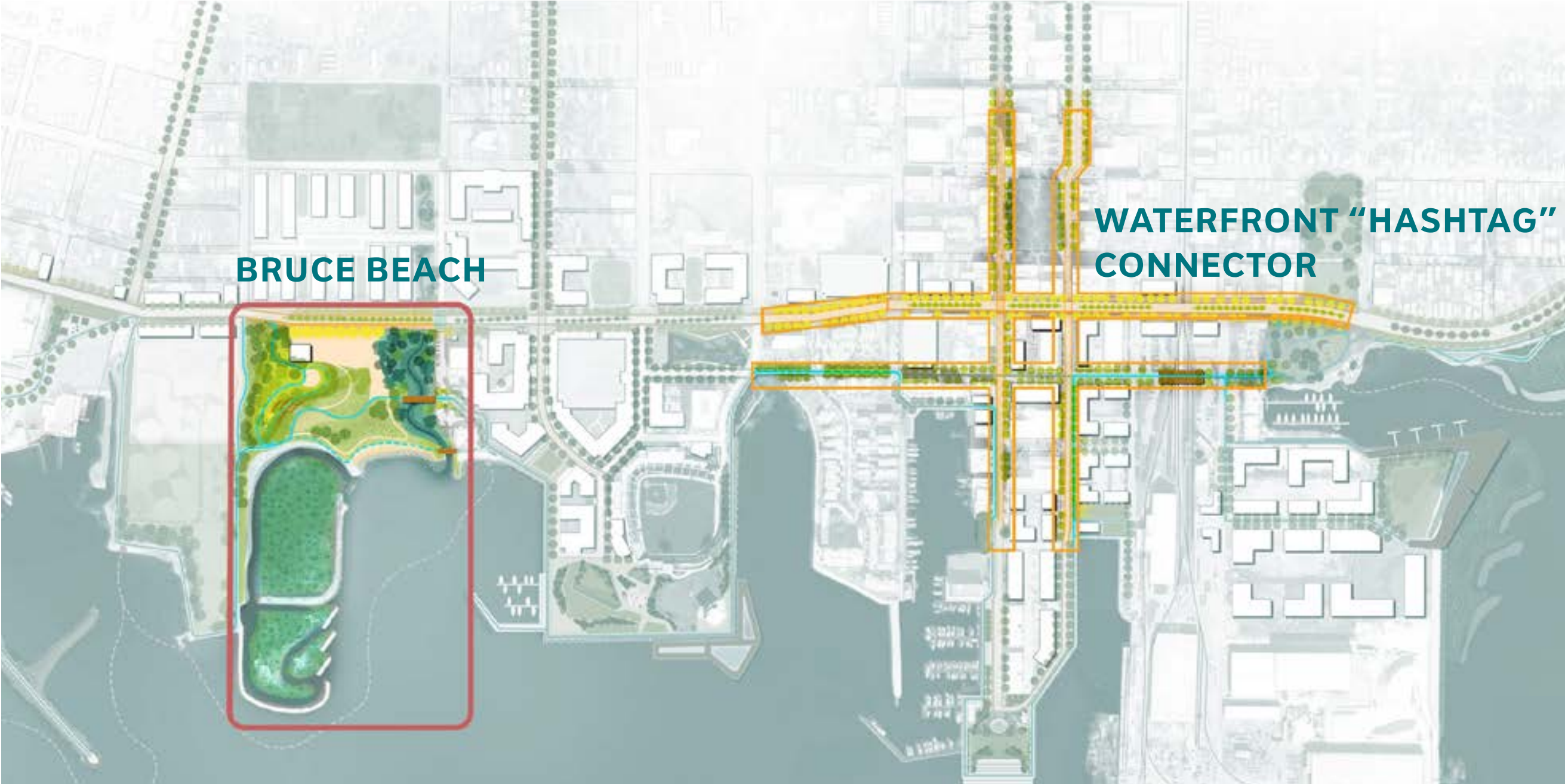
THE CASE FOR OPEN SPACE

WHY THE REAL ESTATE INDUSTRY SHOULD INVEST IN PARKS AND OPEN SPACES



ULI Urban Land
Institute
Center for Sustainability
and Economic Performance

Pensacola - Catalytic Projects



CATALYTIC PROJECT

Hashtag Connector Potential Real Estate Impact

- **Existing properties:** incremental higher assessed value due to proximity to parks: approximately **\$29.6 million**
- **New induced development:** net new assessed value: approximately **\$27.9 million**
- **Net Present Value of new property tax revenue to the City:**
approximately **\$11.6 million**

Tax revenue accounts for inflation. New development value is total amount in stabilization.
Calculation does not include additional economic benefits from increased tourism, jobs, and sales.

Additional calculations and explanation of assumptions available in Appendix.

CATALYTIC PROJECT

Bruce Beach Potential Real Estate Impact

- **Existing properties:** incremental higher assessed value due to proximity to parks: approximately **\$2.8 million**
- **New induced development:** net new assessed value: approximately **\$6.6 million**
- **Net Present Value of new property tax revenue to the City:**
approximately **\$1.7 million**

Tax revenue accounts for inflation. New development value is total amount in stabilization.
Calculation does not include additional economic benefits from increased tourism, jobs, and sales.

Additional calculations and explanation of assumptions available in Appendix.

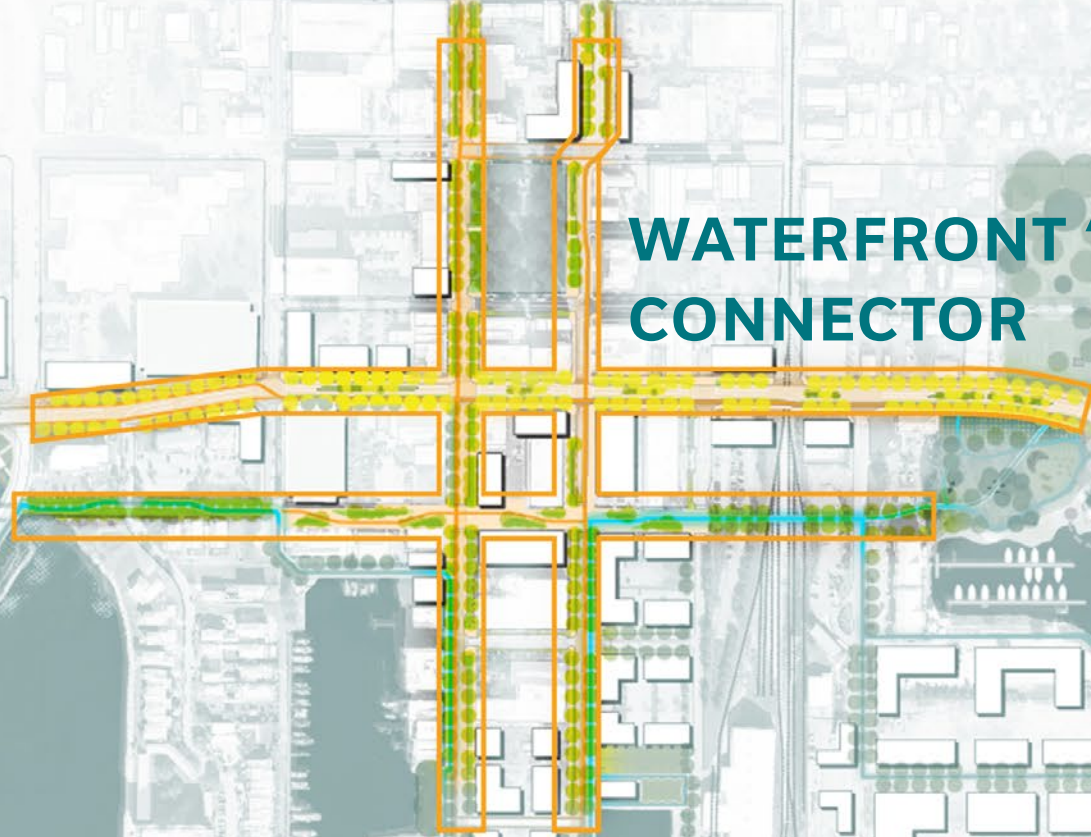
Keep Building on Your Successes

DOWNTOWN "HASHTAG" CONNECTOR

BRUCE BEACH



WATERFRONT "HASHTAG" CONNECTOR



KEY PRIORITIES

A photograph of a city street scene. In the foreground, a paved road with a white crosswalk and a brick-paved sidewalk. Several pedestrians are walking across the street. In the background, a multi-story brick building with several windows. A traffic light and a street sign are visible. The overall scene is bright and clear, suggesting a sunny day.

**CREATE A WALKABLE,
BIKABLE, AND SAFE
ENVIRONMENT**



**CONNECT PEOPLE
TO THE WATERFRONT**

An aerial photograph of a city, likely San Francisco, with a large, prominent monument in the foreground. The image is overlaid with a semi-transparent teal color. The text is centered in the middle of the image.

**ACKNOWLEDGE AND
CELEBRATE HISTORIC
SIGNIFICANCE**



**INFILL WITH DEVELOPMENT
AND RETAIL ALONG
MAIN STREET**

MAIN STREET AND TARRAGONA STREET



HISTORIC BUILDINGS PROVIDE STREET WALL

NO SEATING

UNSAFE PEDESTRIAN CROSSING

LACK OF BICYCLE INFRASTRUCTURE

NARROW SIDEWALK WITH NO SHADE

VIEW DOWN JEFFERSON STREET

MULTIPLE SURFACE PARKING LOTS

LACK OF CONTINUOUS STREET WALL

LACK OF PUBLIC SPACE NEAR FERRY

OVERSIZED TRAVEL LANES

NO SIDEWALK



CATALYTIC PROJECTS WORKSHOP

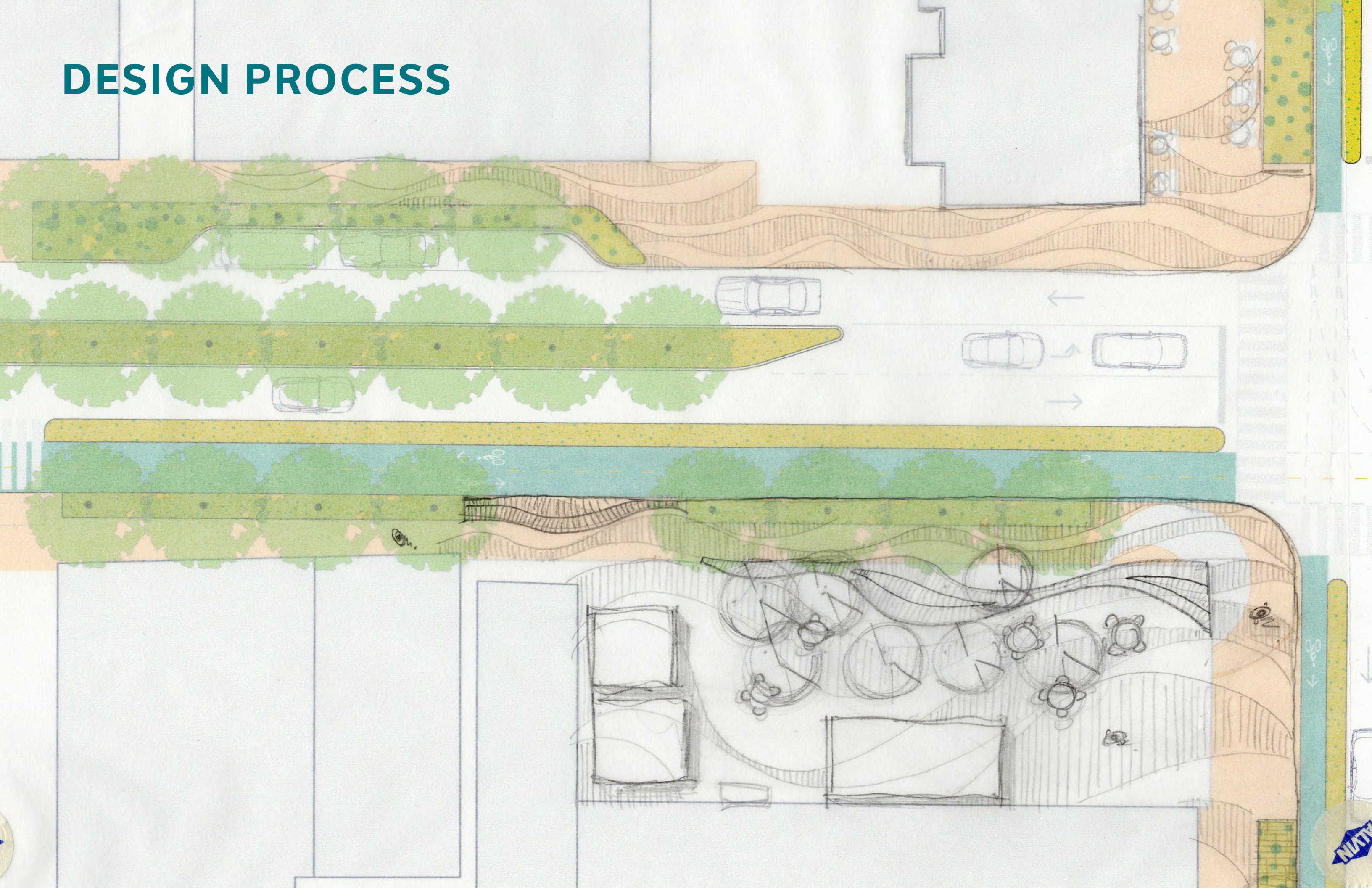


PENSACOLA WATERFRONT
FRAMEWORK PLAN

STUDER
MICHAEL L. LARSON

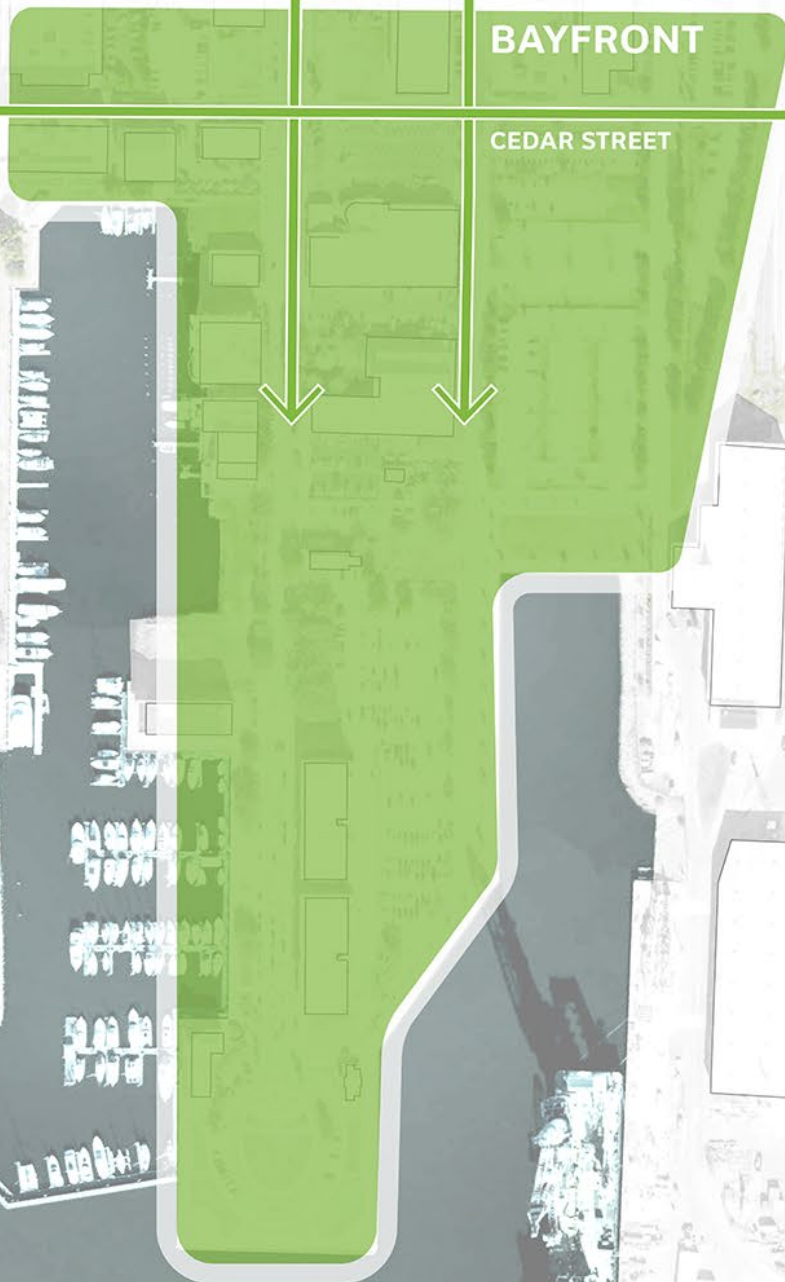
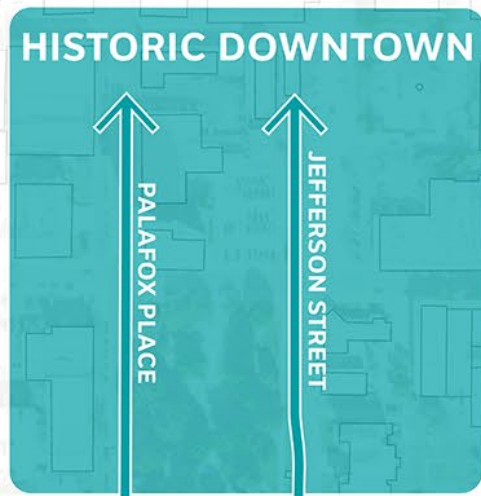


DESIGN PROCESS



"HASHTAG" CONNECTOR

HASHTAG DISTRICTS



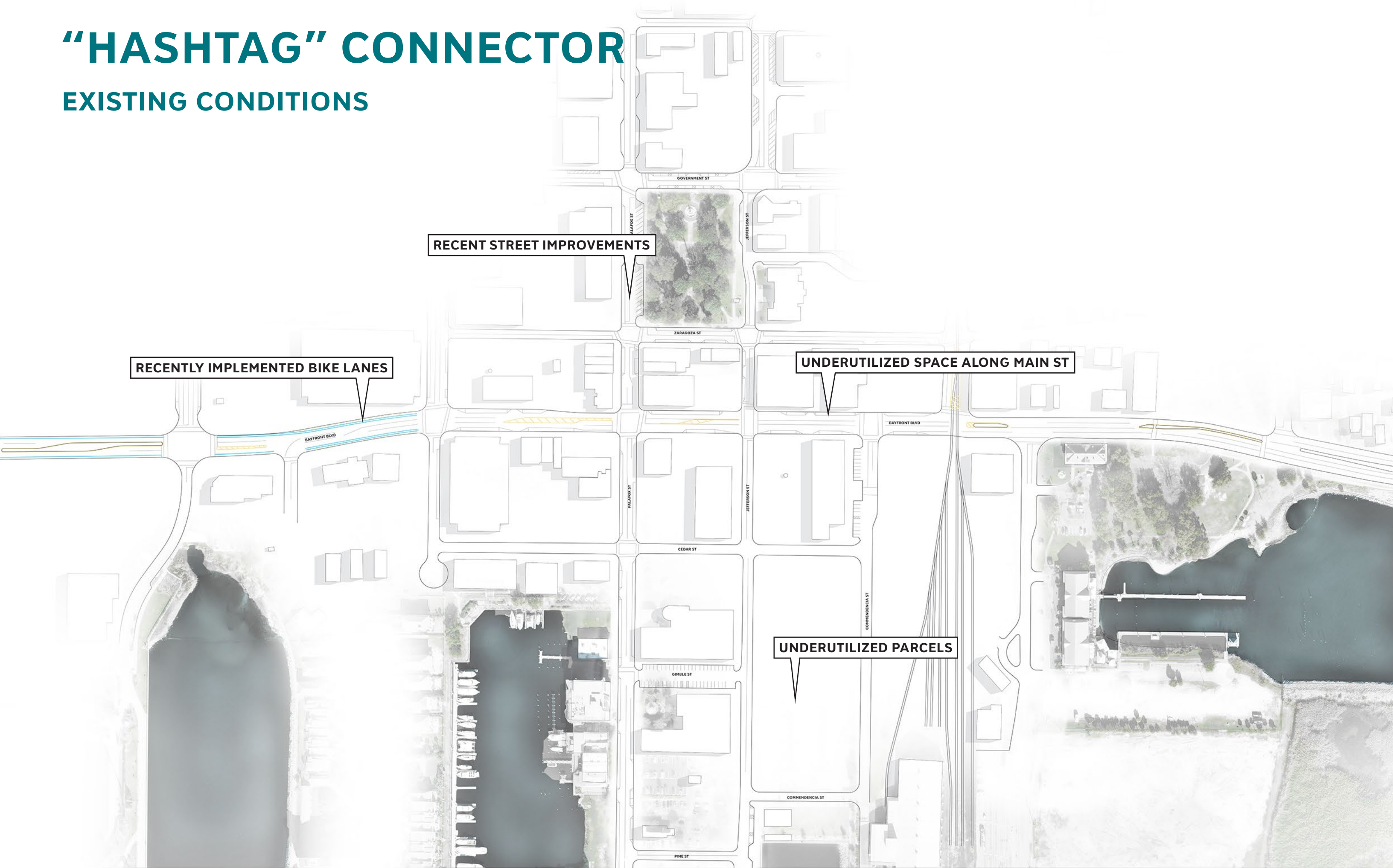
“HASHTAG” CONNECTOR

PRIORITIZING USERS IN STREET DESIGN



"HASHTAG" CONNECTOR

EXISTING CONDITIONS



RECENT STREET IMPROVEMENTS

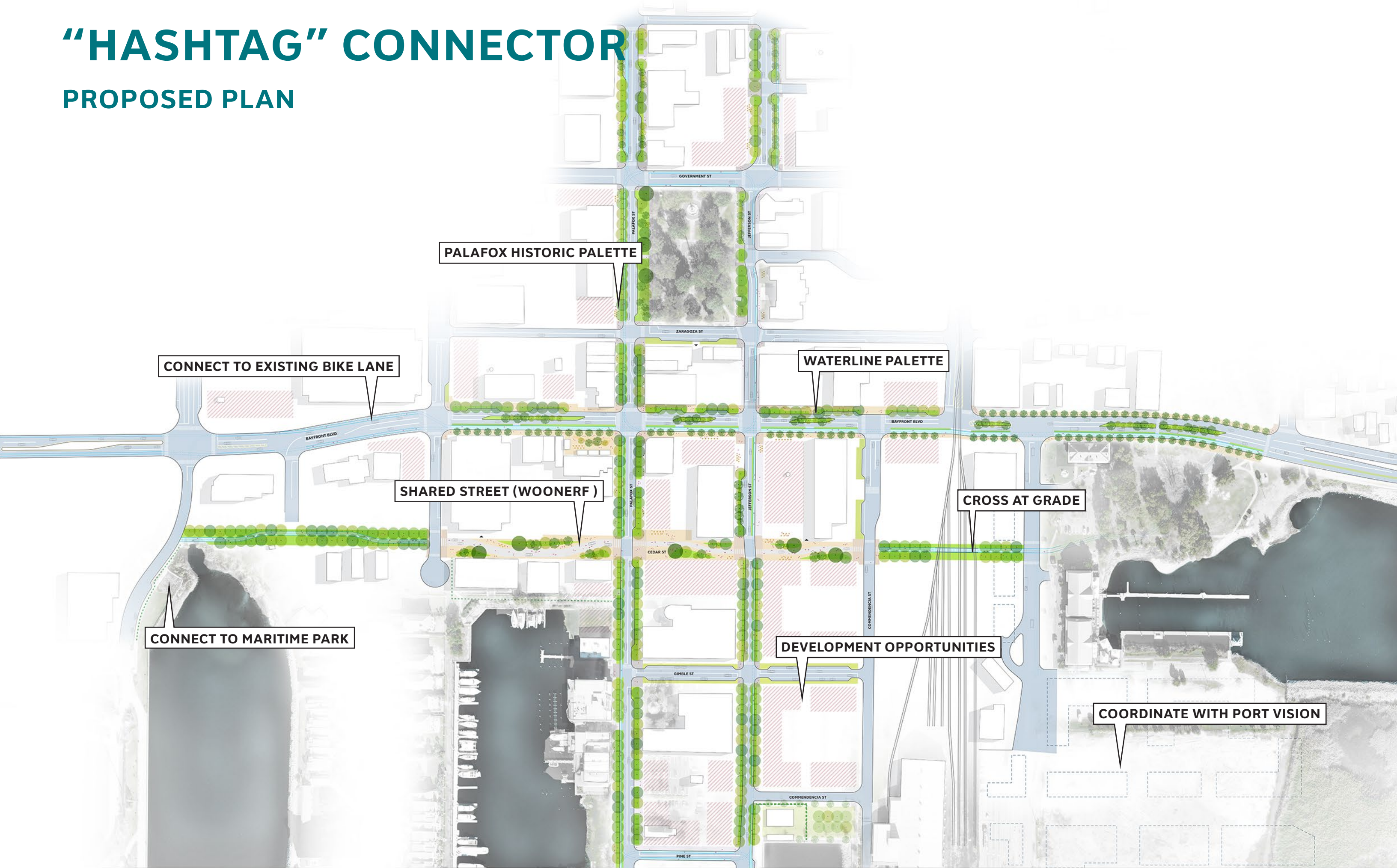
RECENTLY IMPLEMENTED BIKE LANES

UNDERUTILIZED SPACE ALONG MAIN ST

UNDERUTILIZED PARCELS

"HASHTAG" CONNECTOR

PROPOSED PLAN



PALAFOX HISTORIC PALETTE

CONNECT TO EXISTING BIKE LANE

CONNECT TO MARITIME PARK

SHARED STREET (WOONERF)

WATERLINE PALETTE

CROSS AT GRADE

DEVELOPMENT OPPORTUNITIES

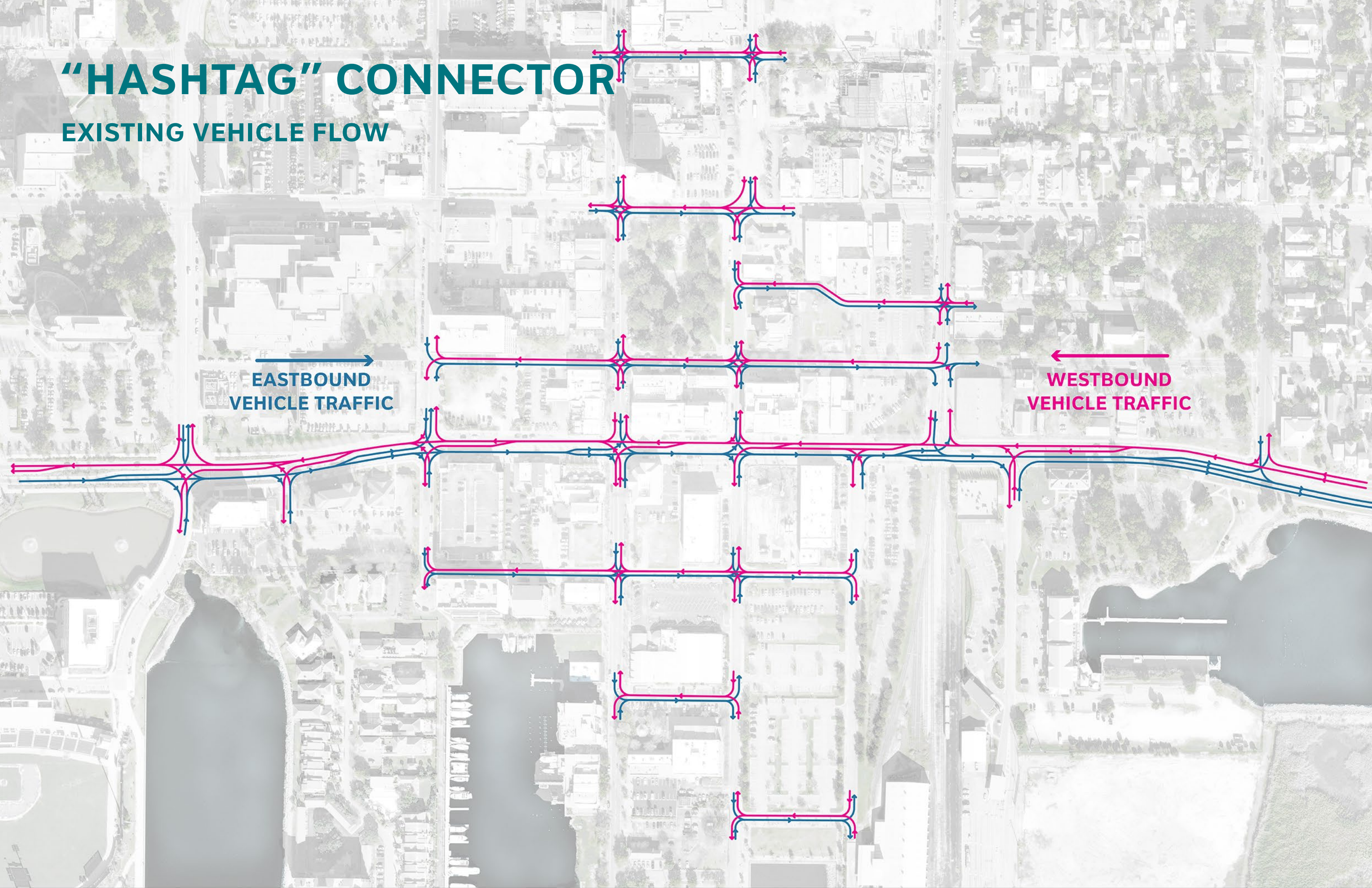
COORDINATE WITH PORT VISION

"HASHTAG" CONNECTOR

EXISTING VEHICLE FLOW

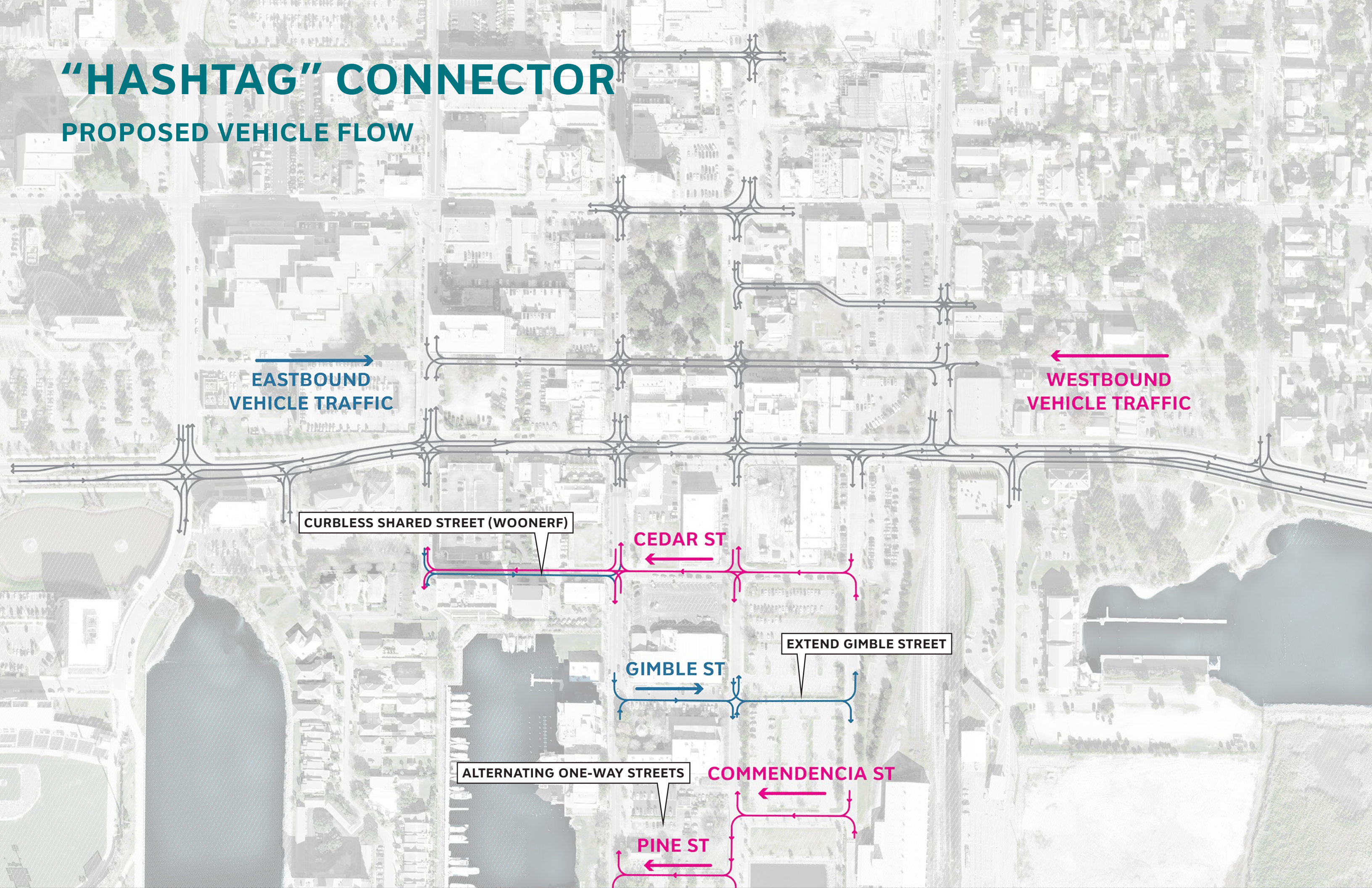
EASTBOUND
VEHICLE TRAFFIC

WESTBOUND
VEHICLE TRAFFIC



"HASHTAG" CONNECTOR

PROPOSED VEHICLE FLOW



EASTBOUND
VEHICLE TRAFFIC

WESTBOUND
VEHICLE TRAFFIC

CURBLESS SHARED STREET (WOONERF)

CEDAR ST

EXTEND GIMBLE STREET

GIMBLE ST

ALTERNATING ONE-WAY STREETS

COMMENDANCIA ST

PINE ST



Bell Street Park, Seattle

"HASHTAG" CONNECTOR

PROPOSED FURTHER TRAFFIC STUDIES

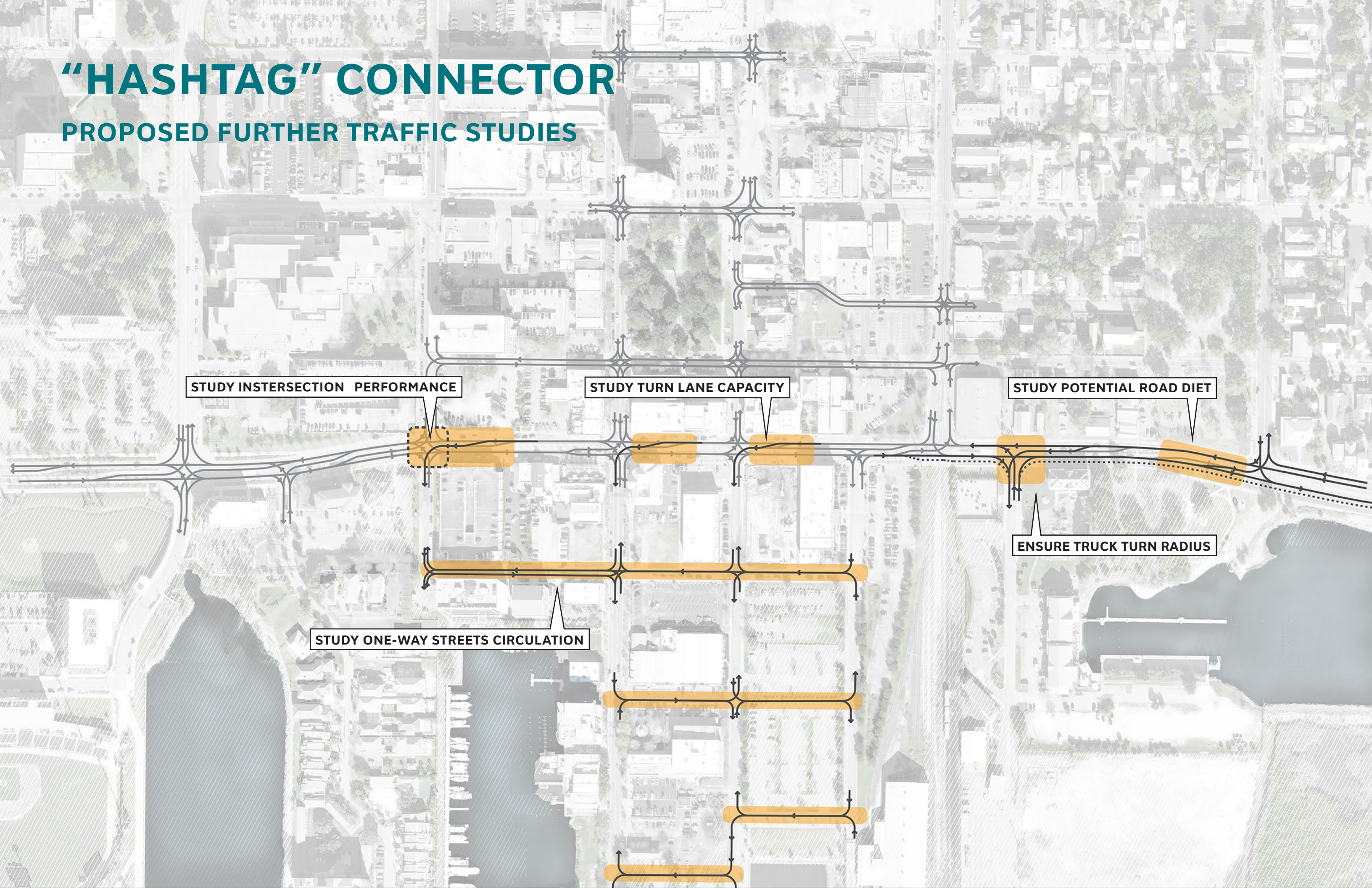
STUDY INTERSECTION PERFORMANCE

STUDY TURN LANE CAPACITY

STUDY POTENTIAL ROAD DIET

ENSURE TRUCK TURN RADIUS

STUDY ONE-WAY STREETS CIRCULATION



"HASHTAG" CONNECTOR

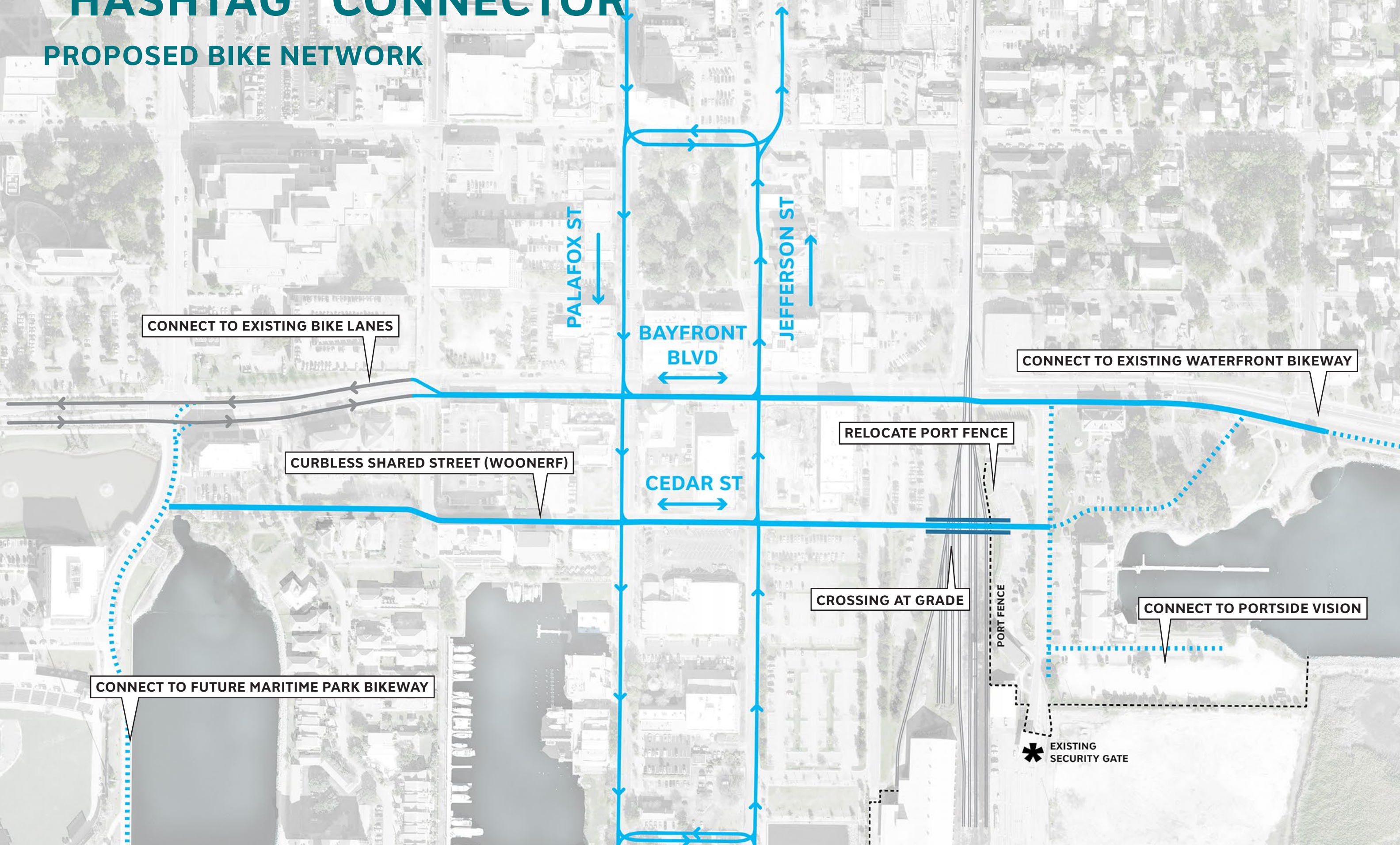
EXISTING BIKE NETWORK

RECENTLY IMPLEMENTED BIKE LANES



"HASHTAG" CONNECTOR

PROPOSED BIKE NETWORK

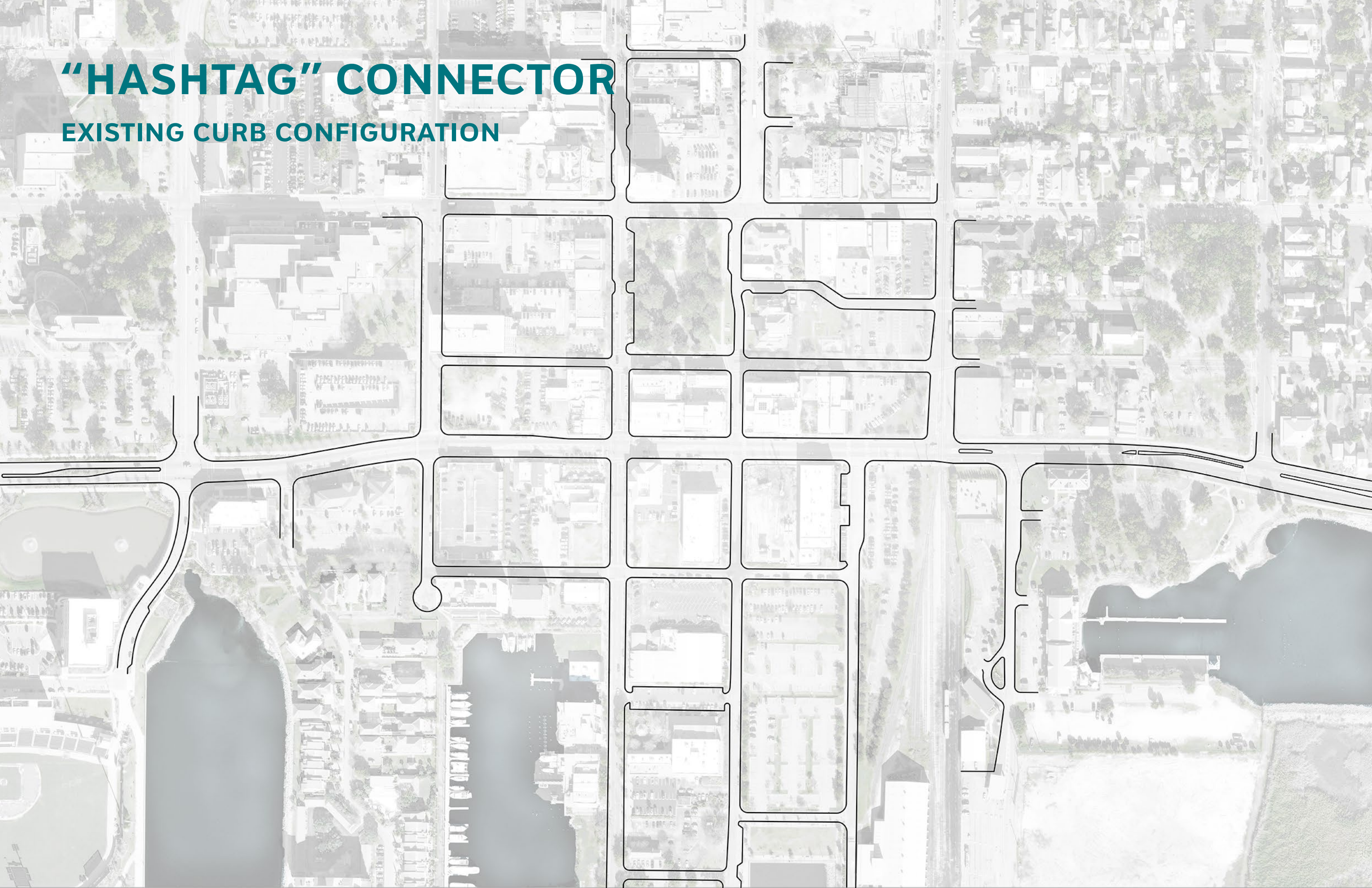


A woman wearing a black helmet and sunglasses is riding a bicycle on a paved bike lane. The bike lane is separated from the adjacent road by a raised concrete curb with a dense row of green plants. In the background, other cyclists are visible on the same lane, and a busy street with cars and traffic lights is visible beyond the trees.

PROTECTED BIKE LANES WITH PLANTED BUFFER

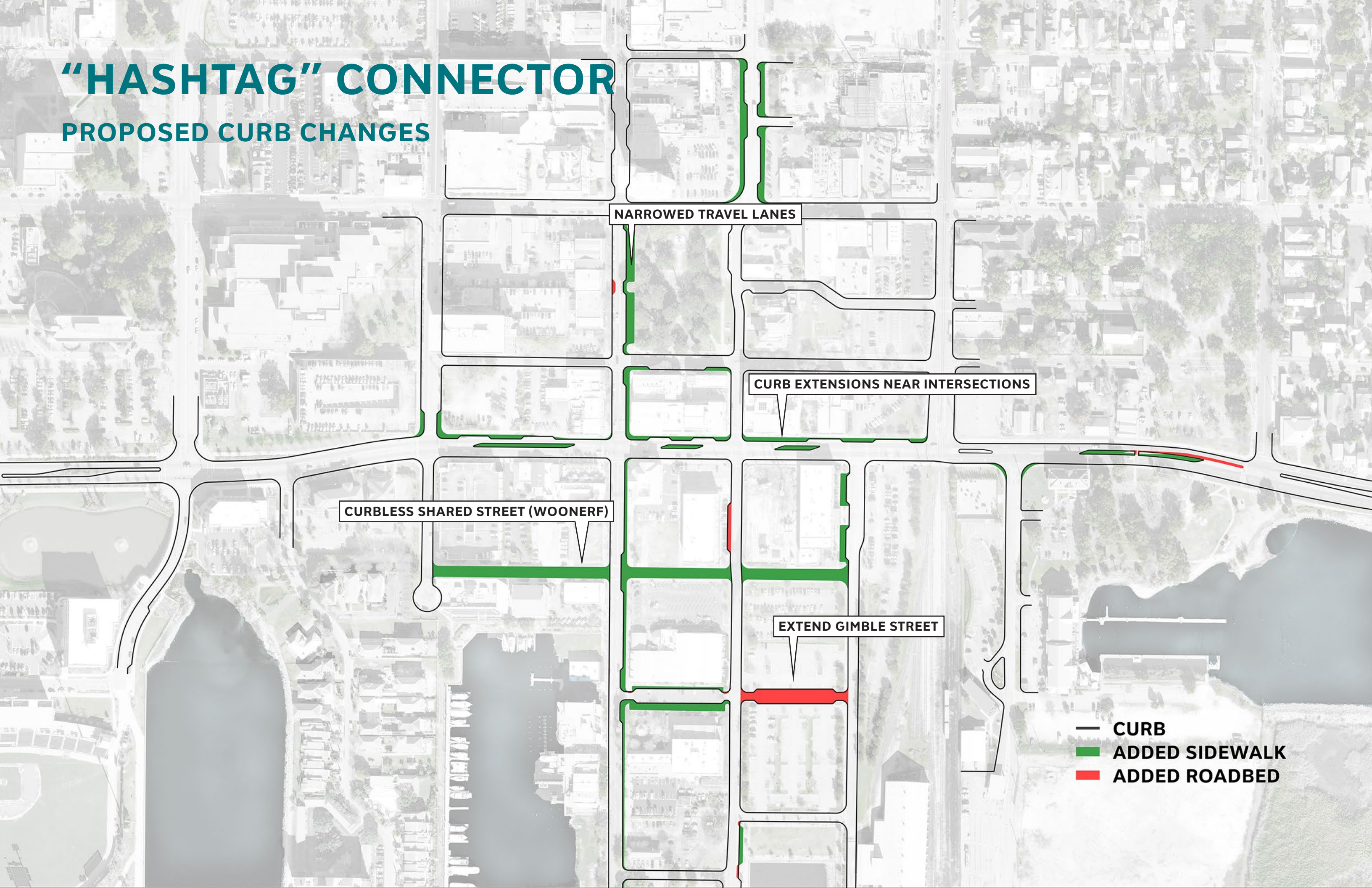
"HASHTAG" CONNECTOR

EXISTING CURB CONFIGURATION



"HASHTAG" CONNECTOR

PROPOSED CURB CHANGES



NARROWED TRAVEL LANES

CURB EXTENSIONS NEAR INTERSECTIONS

CURBLESS SHARED STREET (WOONERF)

EXTEND GIMBLE STREET

- CURB
- ADDED SIDEWALK
- ADDED ROADBED

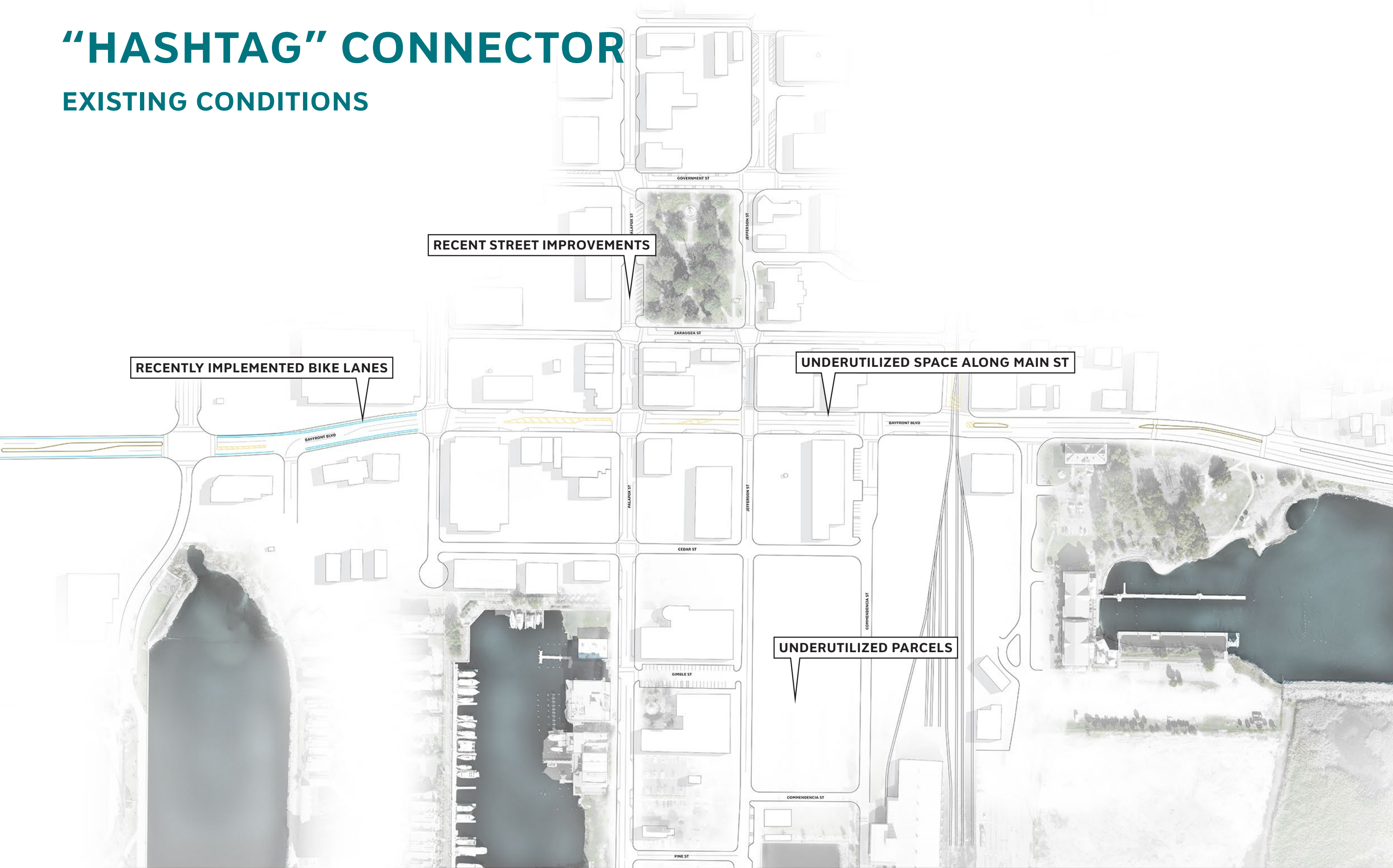


CURB EXTENSIONS WITH BIOSWALES



"HASHTAG" CONNECTOR

EXISTING CONDITIONS



RECENT STREET IMPROVEMENTS

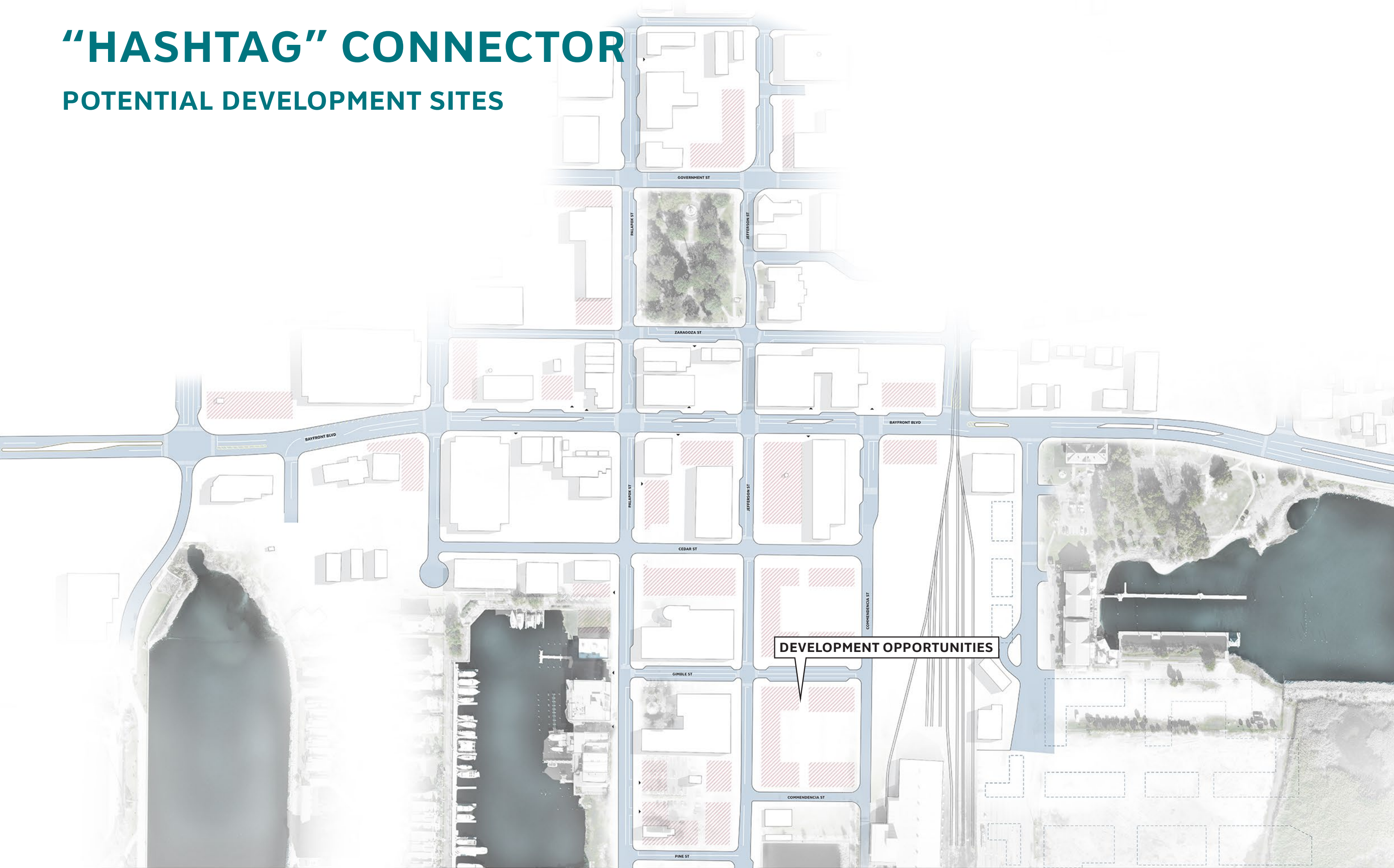
RECENTLY IMPLEMENTED BIKE LANES

UNDERUTILIZED SPACE ALONG MAIN ST

UNDERUTILIZED PARCELS

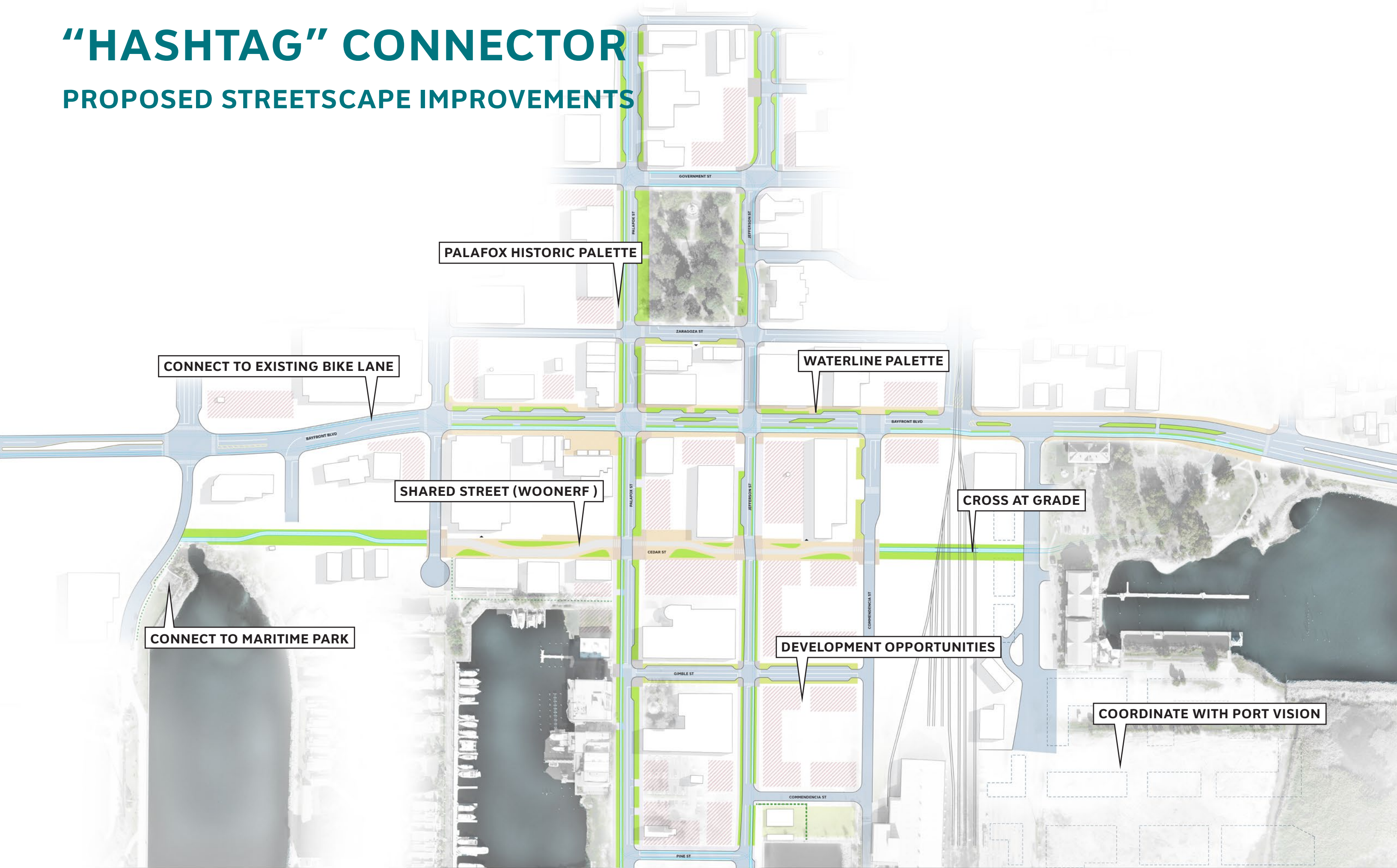
"HASHTAG" CONNECTOR

POTENTIAL DEVELOPMENT SITES



"HASHTAG" CONNECTOR

PROPOSED STREETScape IMPROVEMENTS



PALAFIX HISTORIC PALETTE

CONNECT TO EXISTING BIKE LANE

WATERLINE PALETTE

SHARED STREET (WOONERF)

CROSS AT GRADE

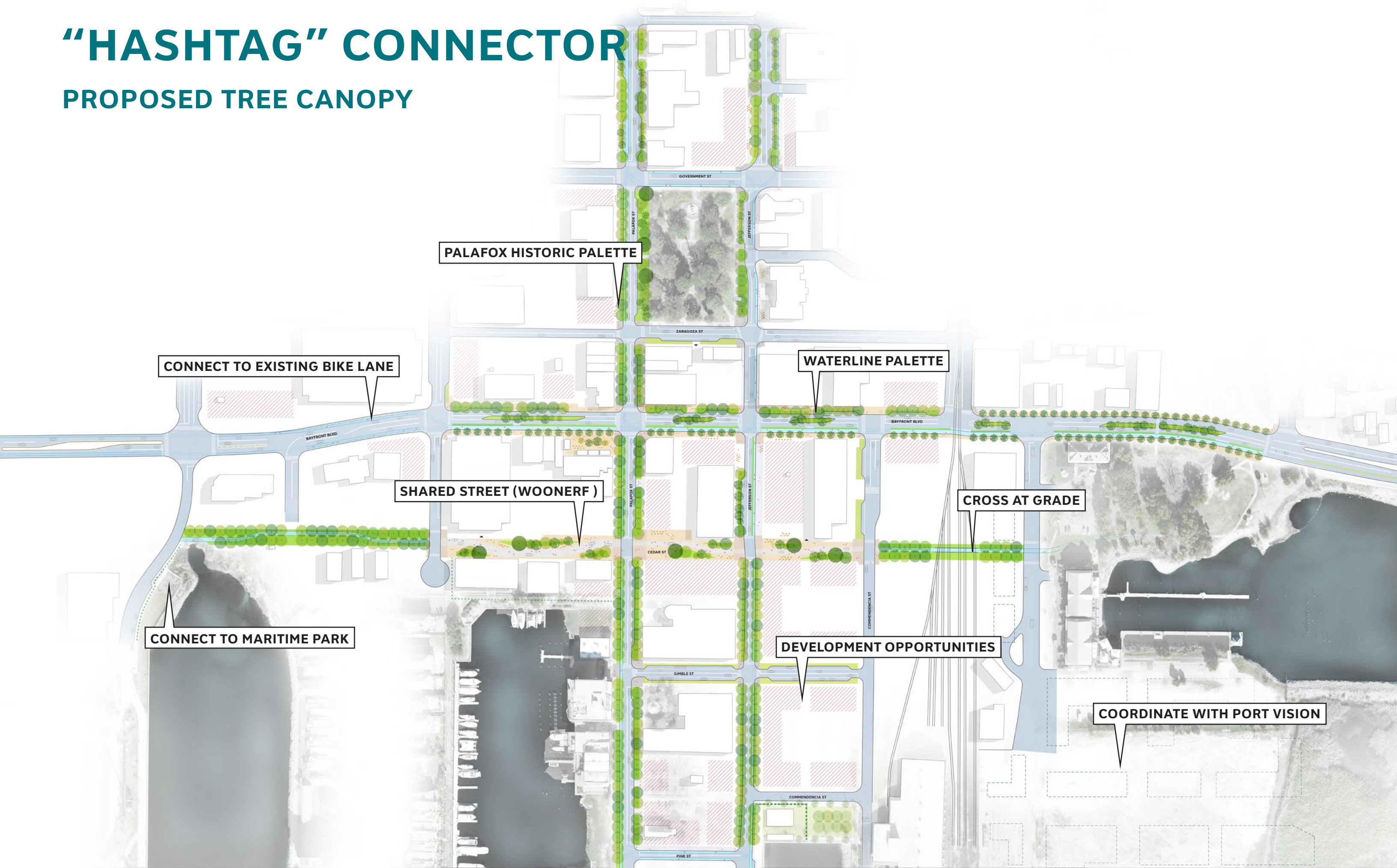
CONNECT TO MARITIME PARK

DEVELOPMENT OPPORTUNITIES

COORDINATE WITH PORT VISION

"HASHTAG" CONNECTOR

PROPOSED TREE CANOPY



PALAFOX HISTORIC PALETTE

CONNECT TO EXISTING BIKE LANE

WATERLINE PALETTE

SHARED STREET (WOONERF)

CROSS AT GRADE

CONNECT TO MARITIME PARK

DEVELOPMENT OPPORTUNITIES

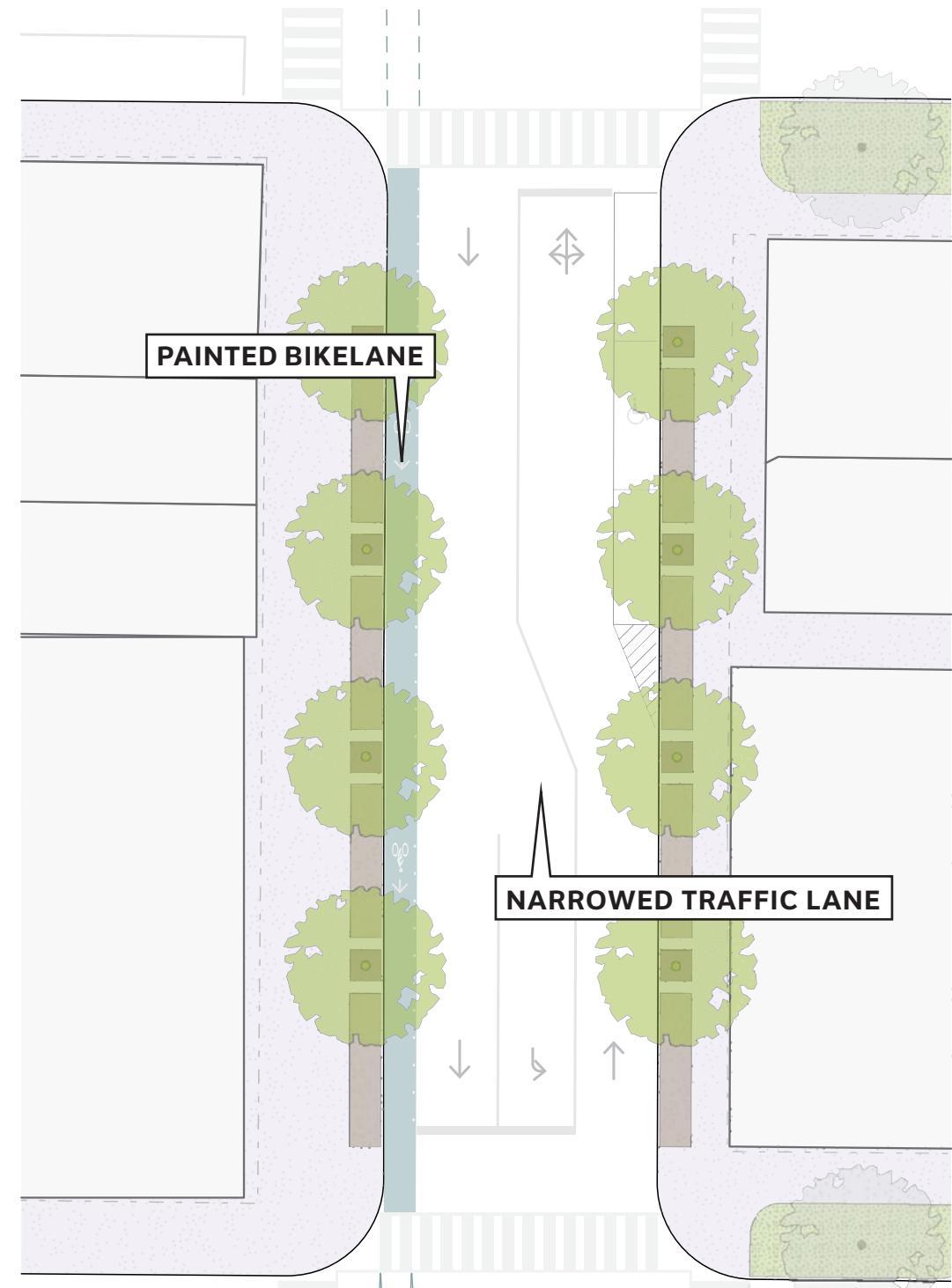
COORDINATE WITH PORT VISION

“HASHTAG” CONNECTOR

SIDEWALK RECONSTRUCTION ALTERNATIVES



EXISTING CONDITIONS



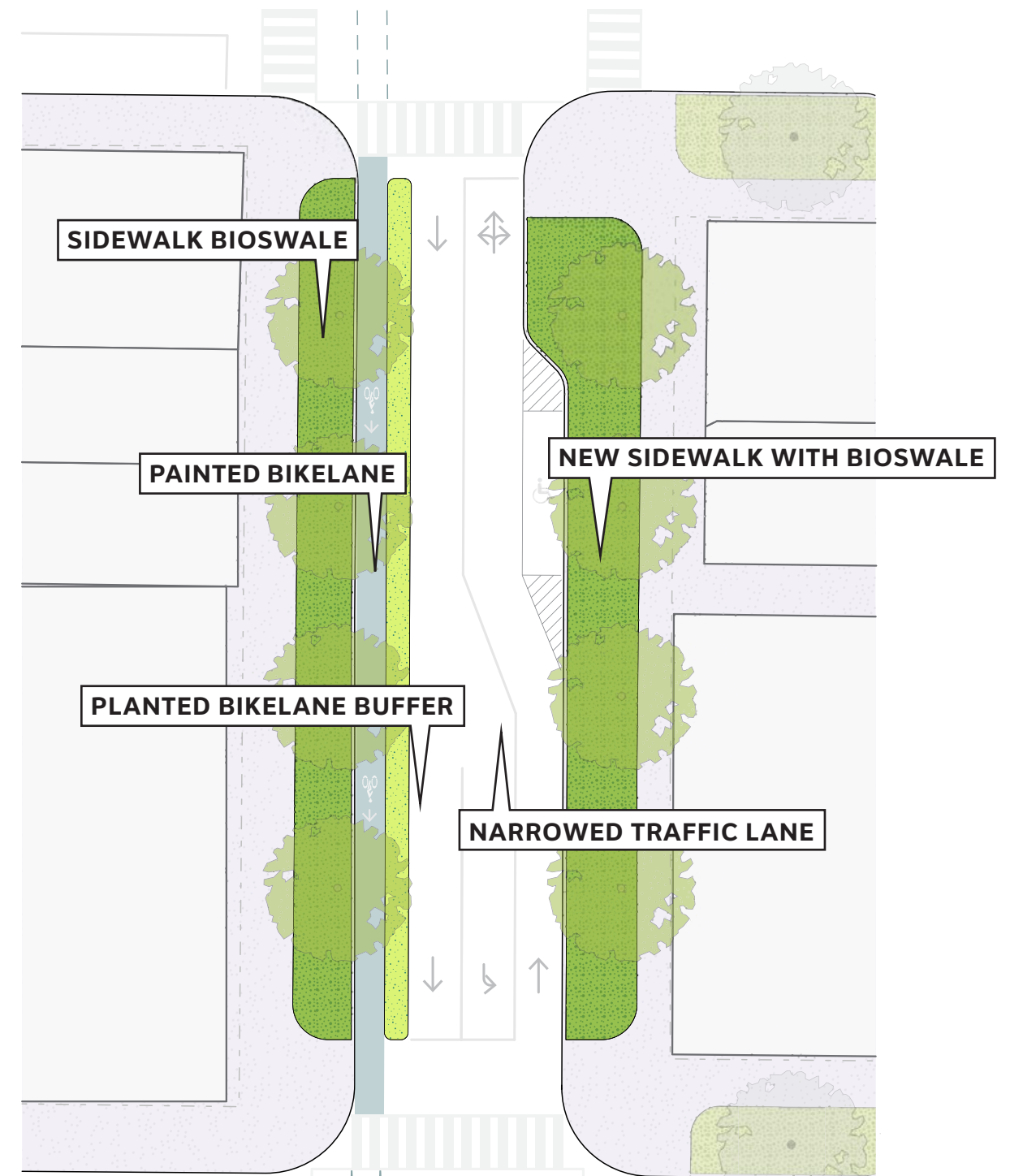
MINIMAL RECONFIGURATION USING PAINT

"HASHTAG" CONNECTOR

SIDEWALK RECONSTRUCTION ALTERNATIVES



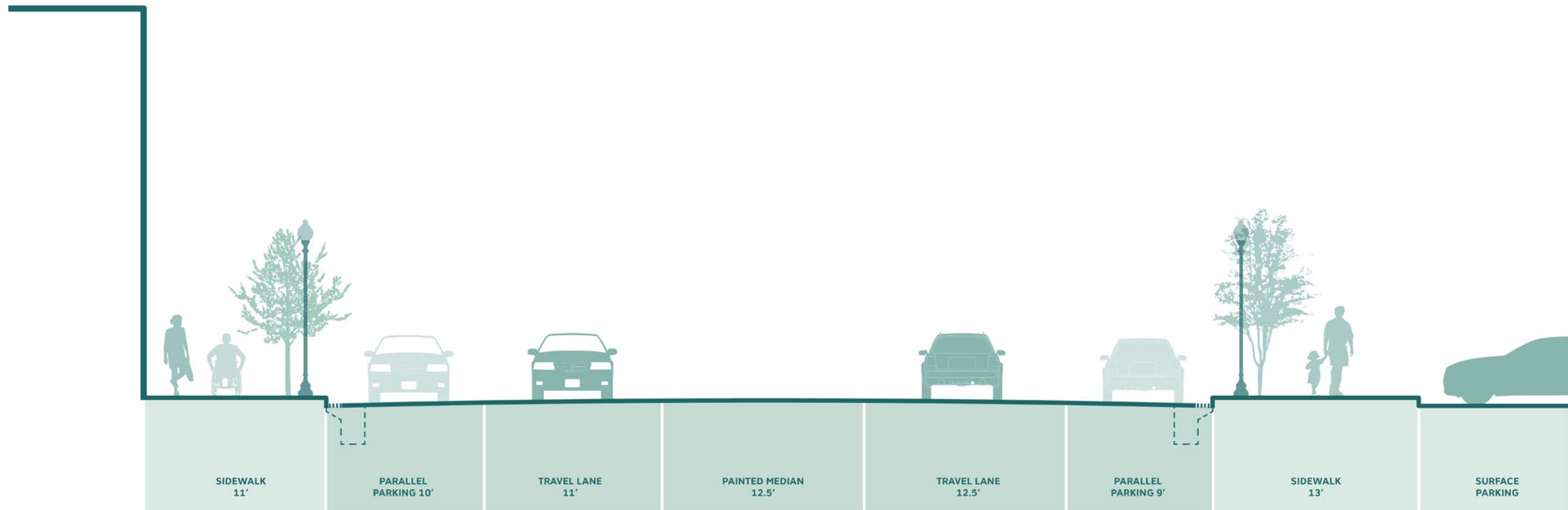
PAINT + PLANTING WITHIN ROADBED



COMPLETE SIDEWALK REPLACEMENT

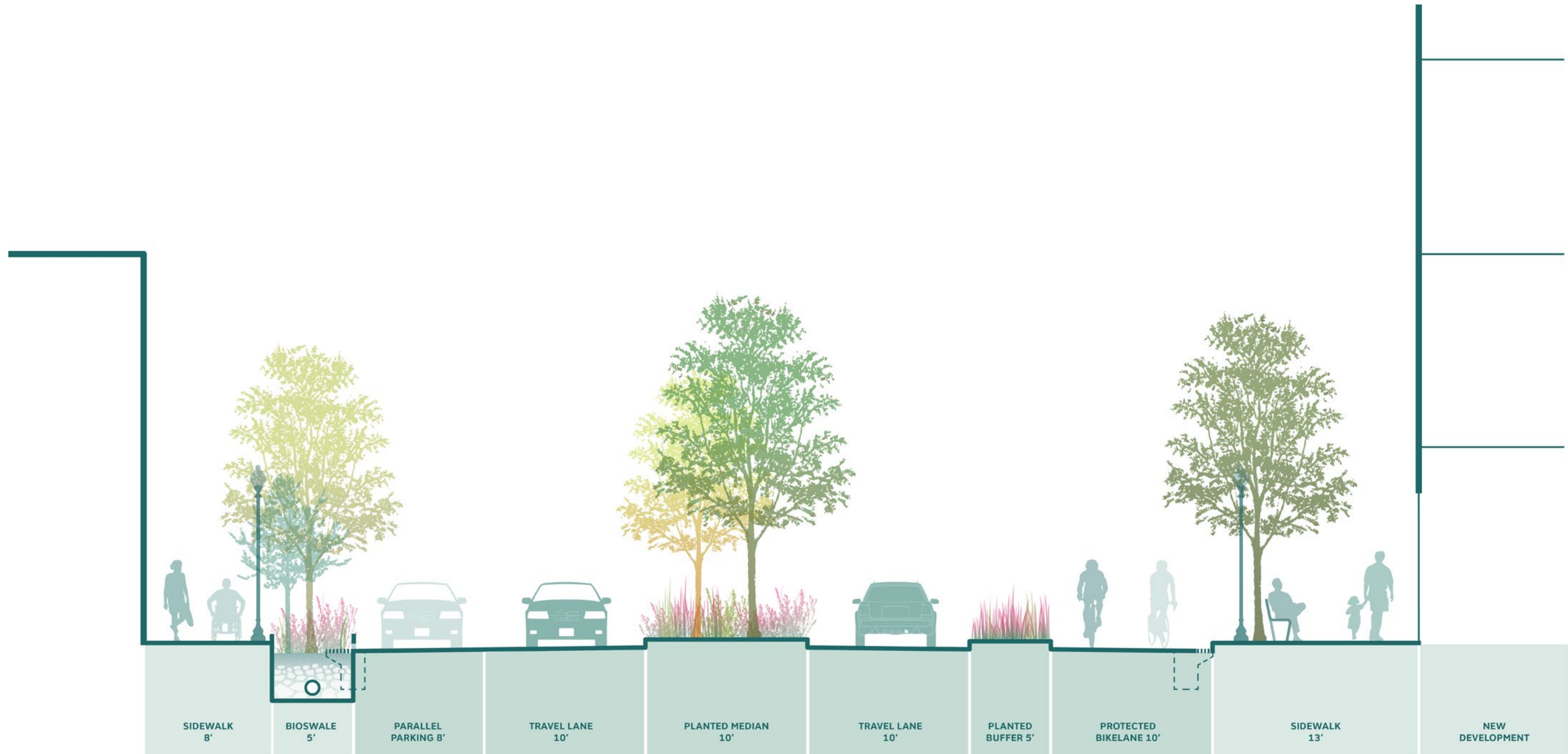
"HASHTAG" CONNECTOR

MAIN ST BETWEEN PALAFOX ST AND JEFFERSON ST (EXISTING)



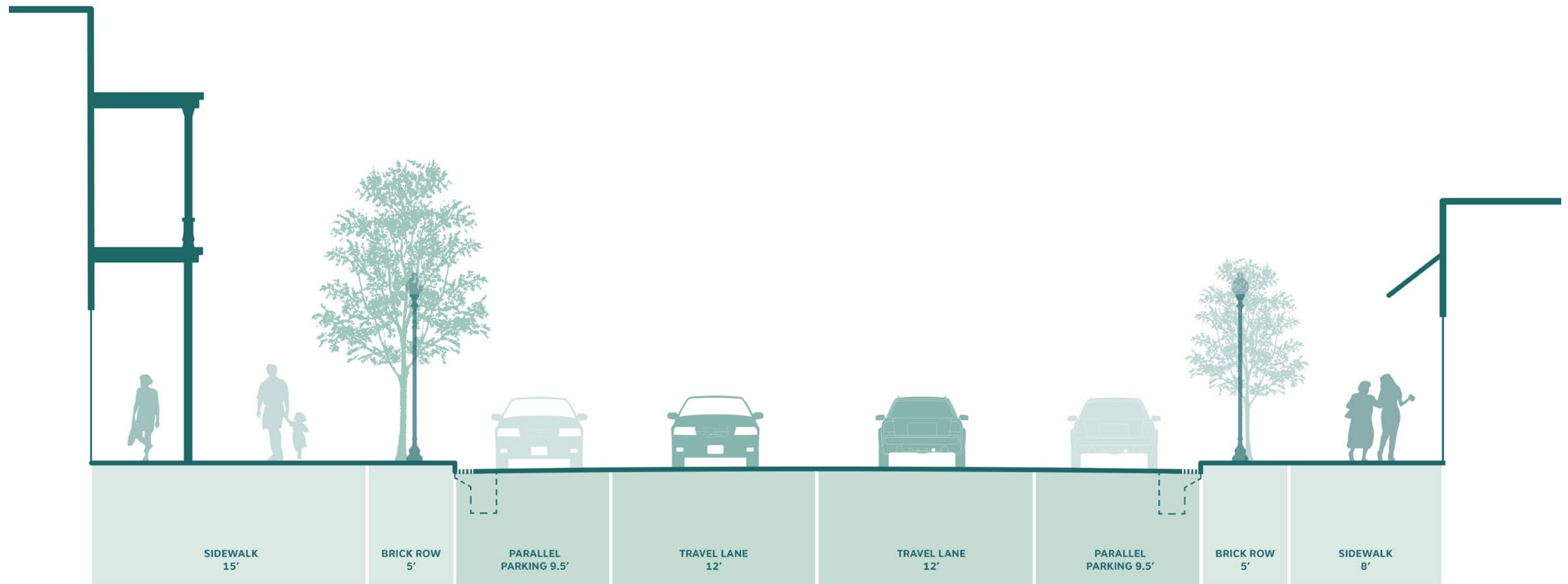
"HASHTAG" CONNECTOR

MAIN ST BETWEEN PALAFOX ST AND JEFFERSON ST (PROPOSED)



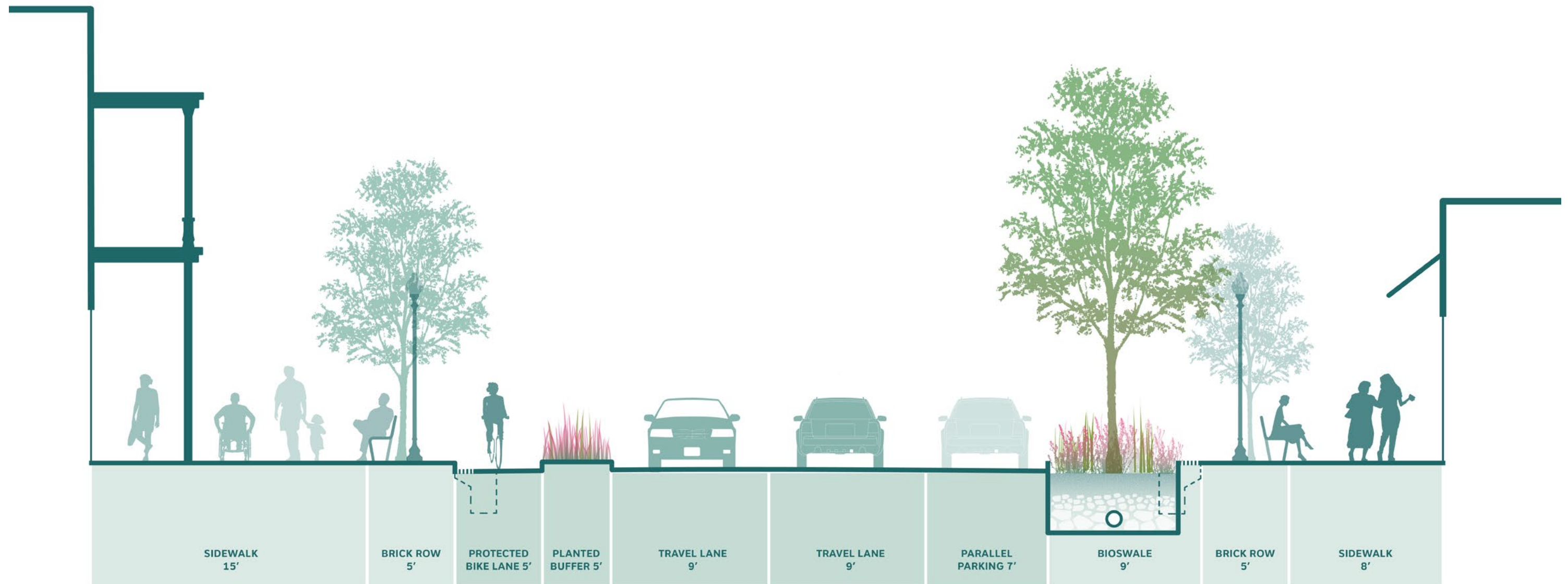
"HASHTAG" CONNECTOR

PALAFIX ST BETWEEN MAIN ST AND ZARAGOZA ST (EXISTING)



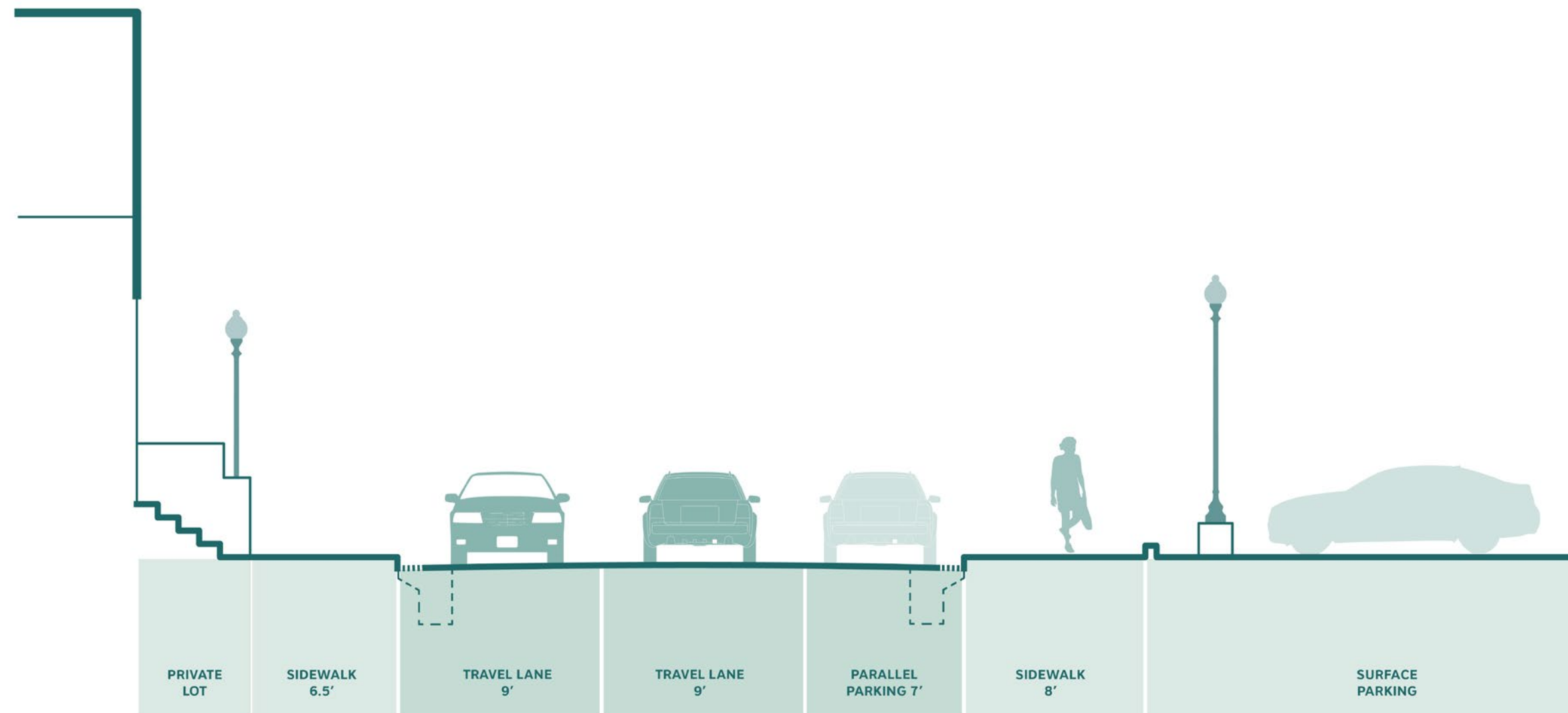
"HASHTAG" CONNECTOR

PALAFIX ST BETWEEN MAIN ST AND ZARAGOZA ST (PROPOSED)



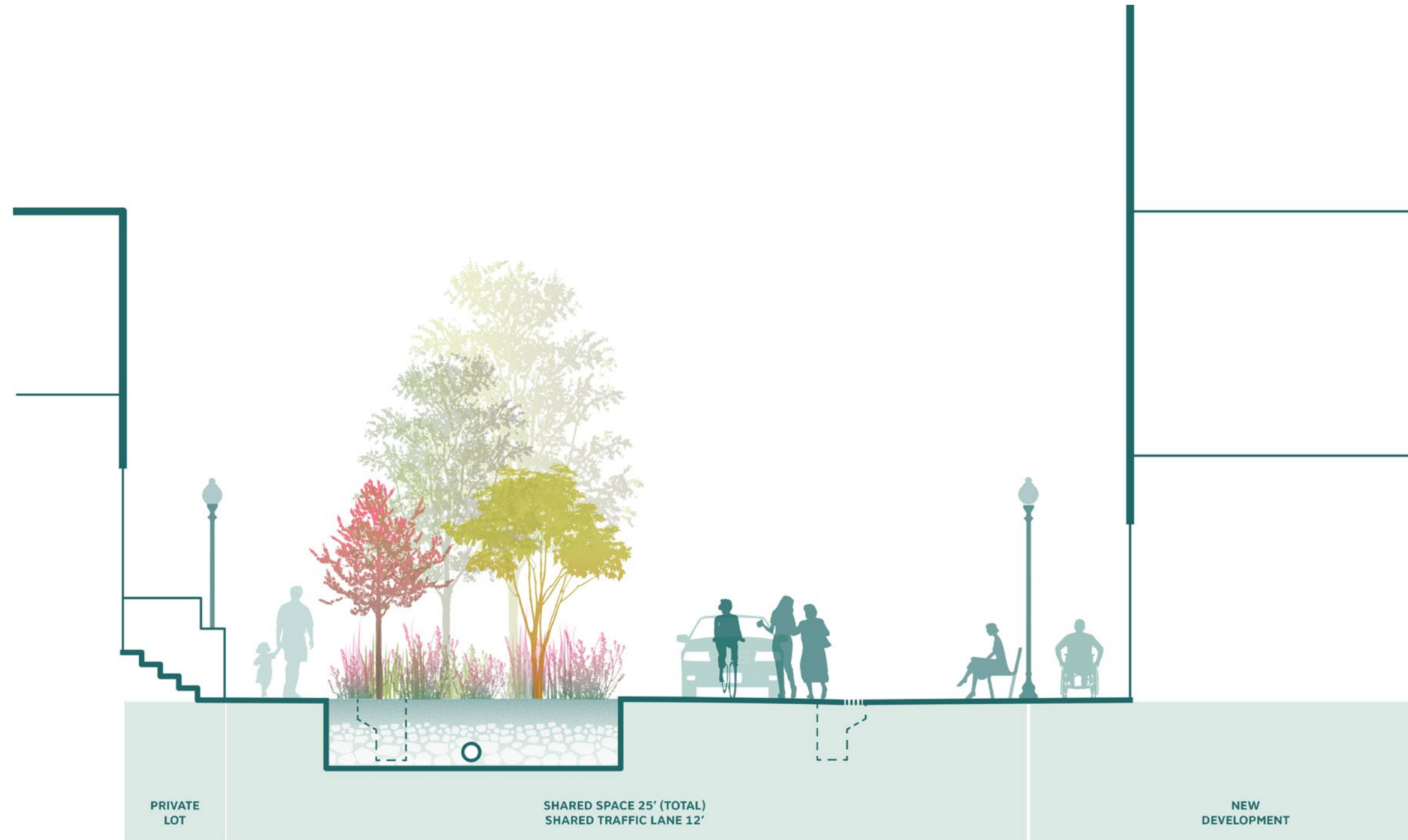
"HASHTAG" CONNECTOR

CEDAR ST BETWEEN PALAFOX ST AND JEFFERSON ST (EXISTING)



“HASHTAG” CONNECTOR

CEDAR ST BETWEEN PALAFOX ST AND JEFFERSON ST (PROPOSED)



“HASHTAG” CONNECTOR

PLANTING STRATEGY

MAIN STREET & NORTH-SOUTH STREETS (LARGE CANOPY TREES)



BASSWOOD



BALD CYPRESS



MIYABEI MAPLE



EAST-WEST STREETS (SMALL / ORNAMENTAL TREES)



REDBUD



GREY DOGWOOD



PARSLEYHAW



BIOSWALE / PLANTING BUFFERS



GULF MUHLY



SMOOTH CORDGRASS



CHEROKEE SEDGE

"HASHTAG" CONNECTOR

SAMPLE BLOCK ALONG MAIN STREET (EXISTING)

CURBSIDE PARKING

OVERSIZED TRAVEL LANES

MAIN STREET

NO BIKE LANE

CURBSIDE PARKING

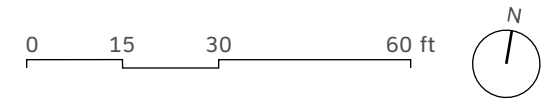
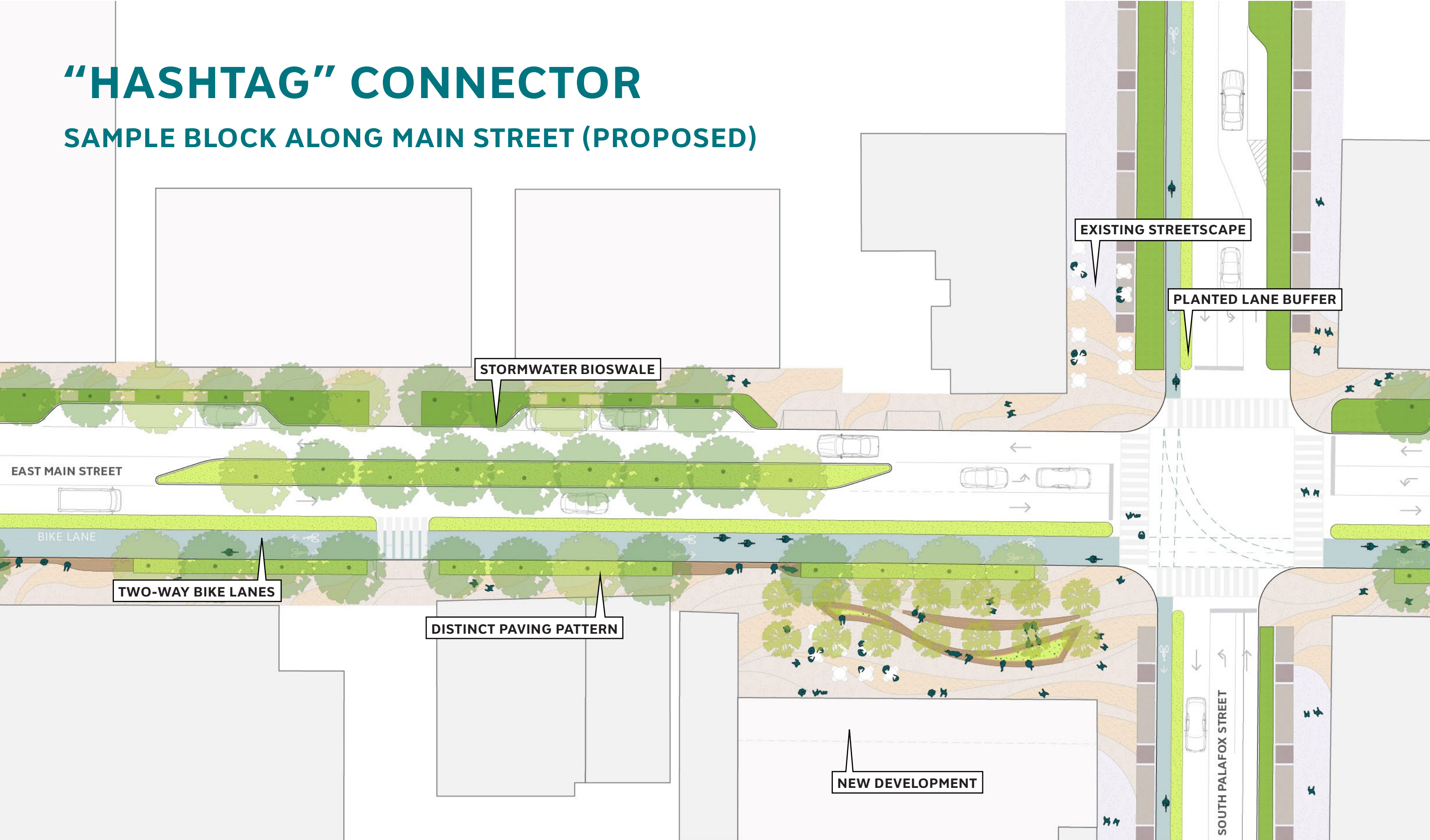
VEHICLE DOMINATED

SOUTH PALAFOX ST.



"HASHTAG" CONNECTOR

SAMPLE BLOCK ALONG MAIN STREET (PROPOSED)



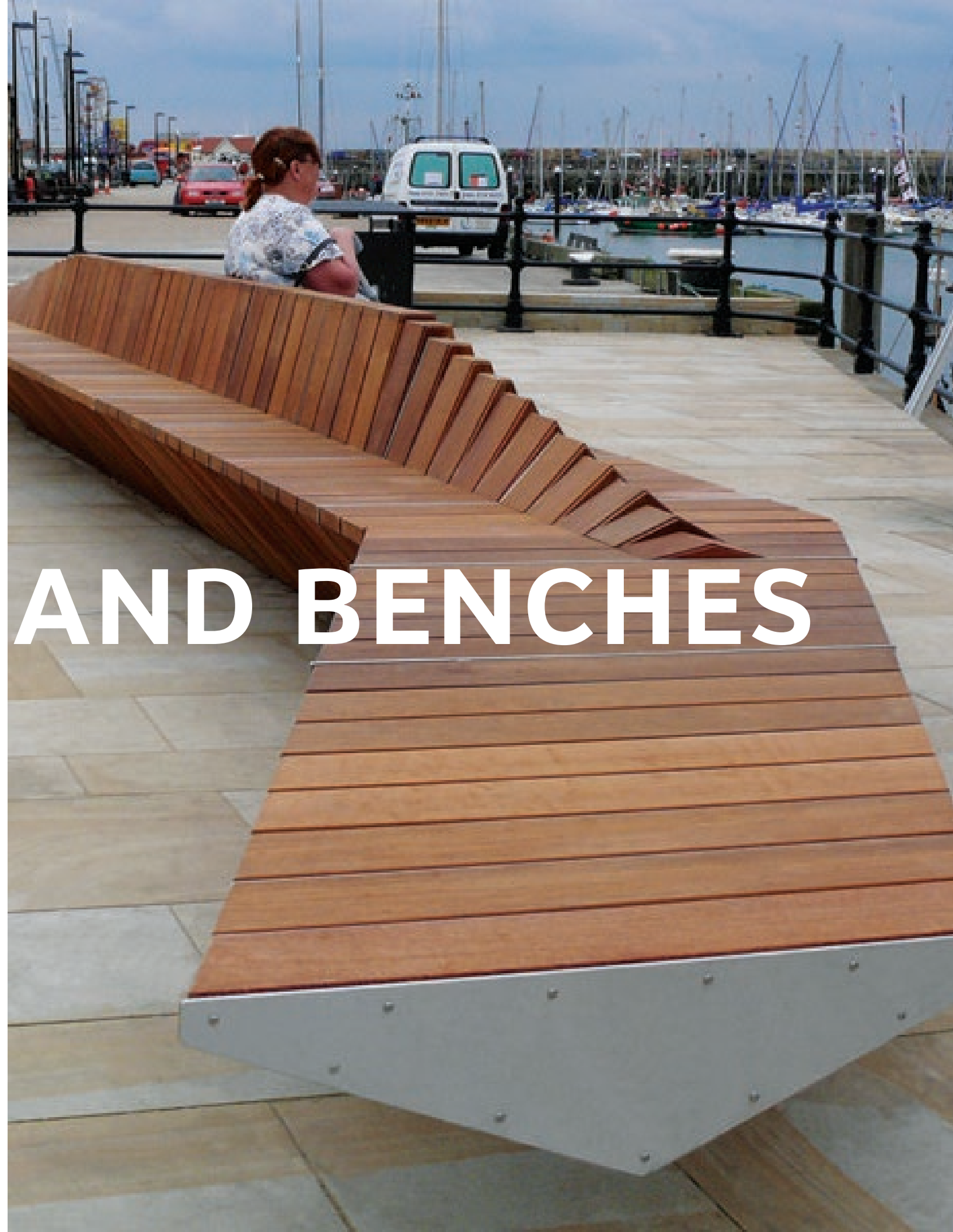


CONCRETE WITH EXPOSED AGGREGATE



UNITIZED PAVERS



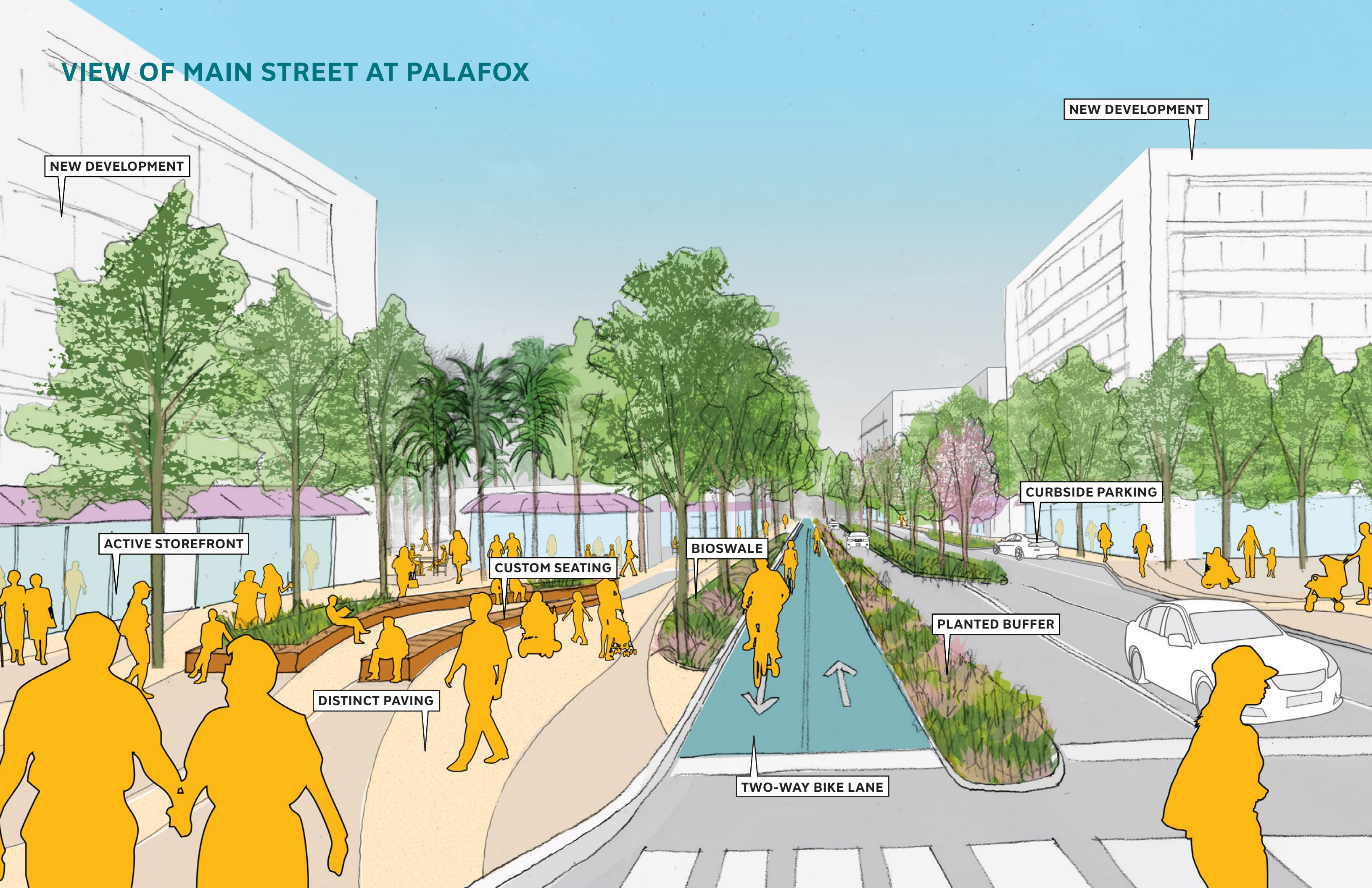


SEAT WALLS AND BENCHES

VIEW OF MAIN STREET AT PALAFOX



VIEW OF MAIN STREET AT PALAFOX



NEW DEVELOPMENT

NEW DEVELOPMENT

ACTIVE STOREFRONT

CUSTOM SEATING

BIOSWALE

CURBSIDE PARKING

DISTINCT PAVING

PLANTED BUFFER

TWO-WAY BIKE LANE

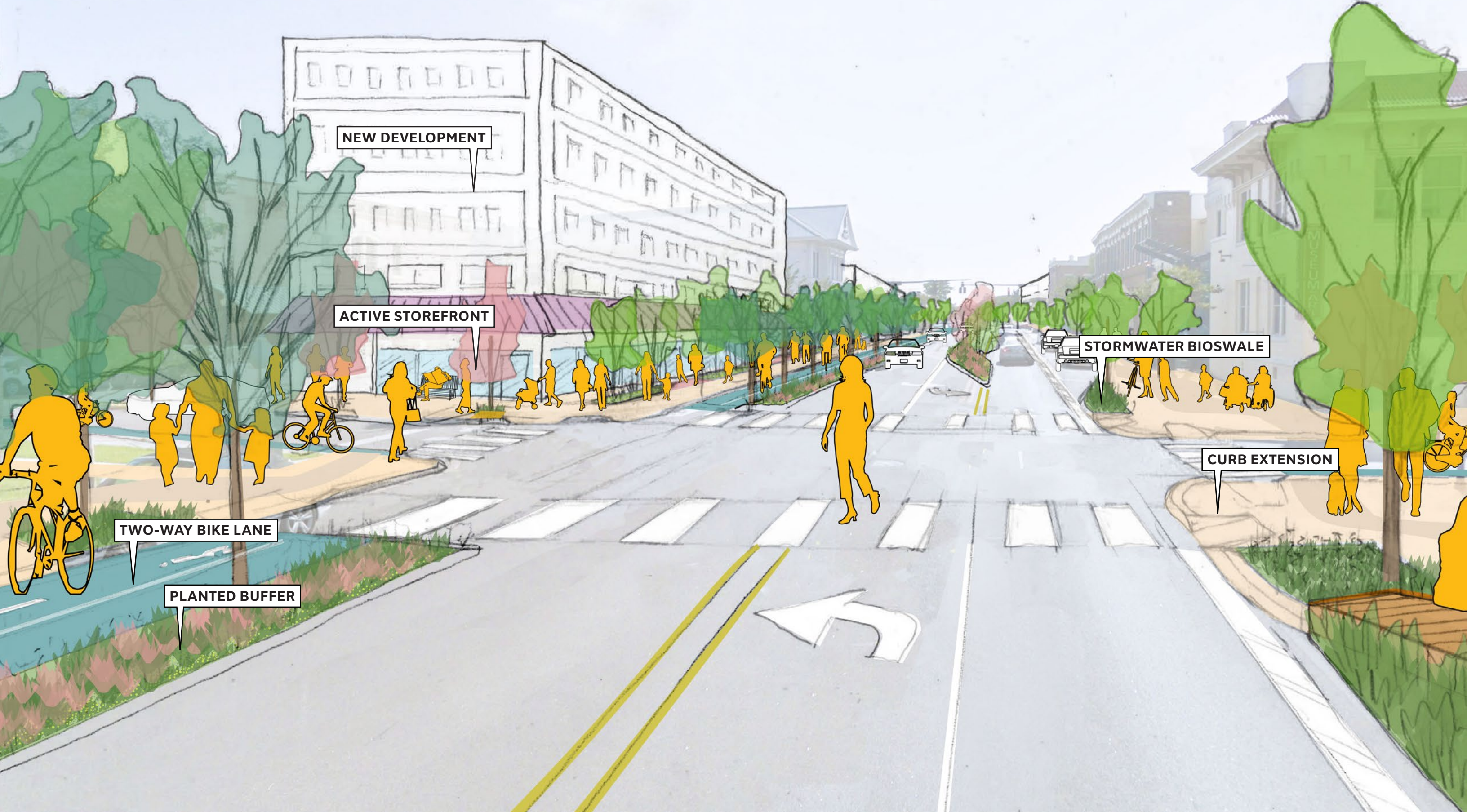
VIEW OF MAIN STREET AT JEFFERSON



VIEW OF MAIN STREET AT JEFFERSON



VIEW OF MAIN STREET AT JEFFERSON



NEW DEVELOPMENT

ACTIVE STOREFRONT

STORMWATER BIOSWALE

CURB EXTENSION

TWO-WAY BIKE LANE

PLANTED BUFFER

VIEW DOWN PALAFOX STREET



Pure Pilates in
Downtown Pensacola

The Ruby Slipper Cafe

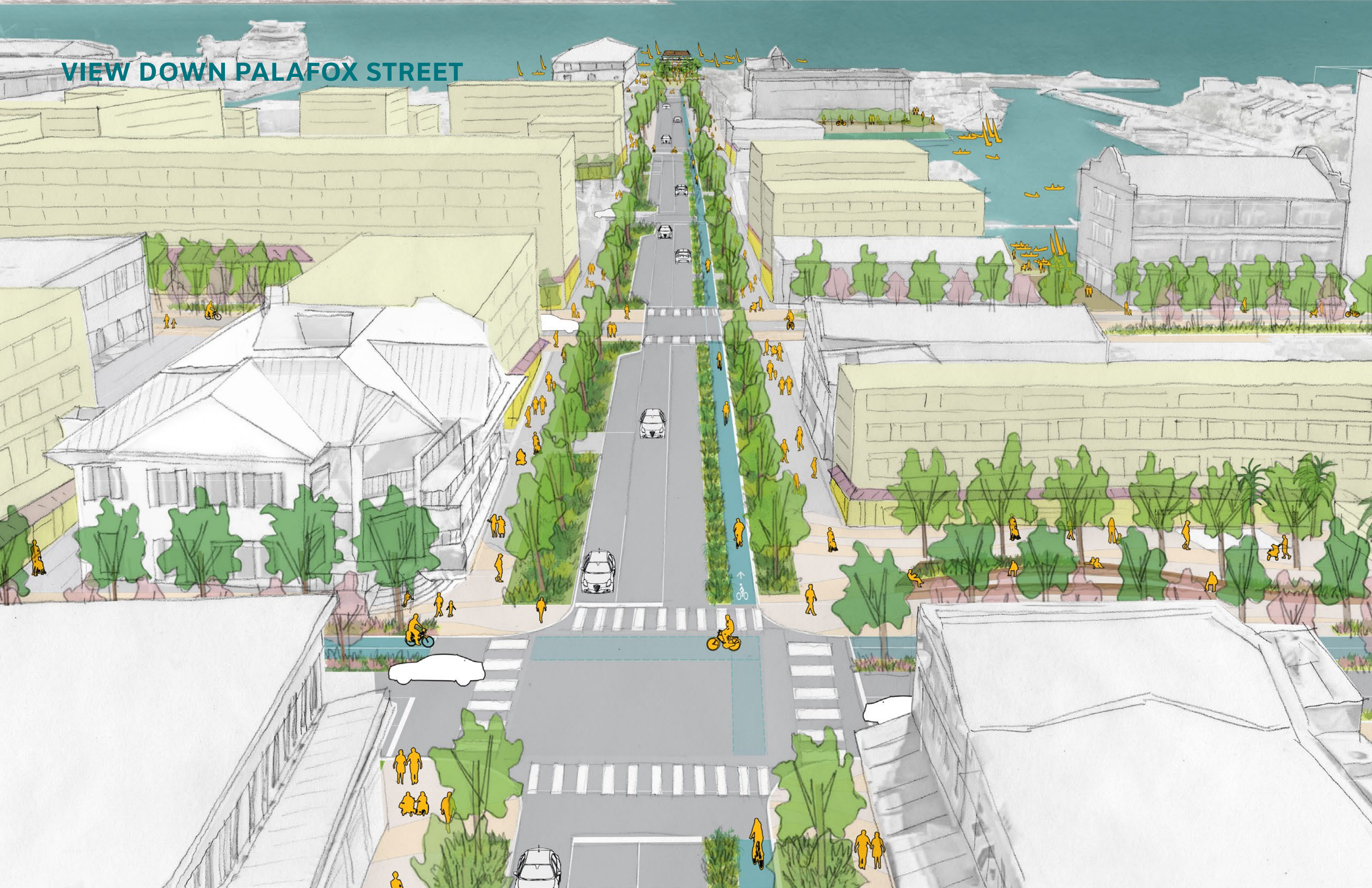
Al Fresco

Bodacious Olive

Susan Campbell Jewelry

Carment's Lunch Bar

VIEW DOWN PALAFOX STREET



VIEW DOWN PALAFOX STREET

PLAZA DE LUNA

INFILL DEVELOPMENT

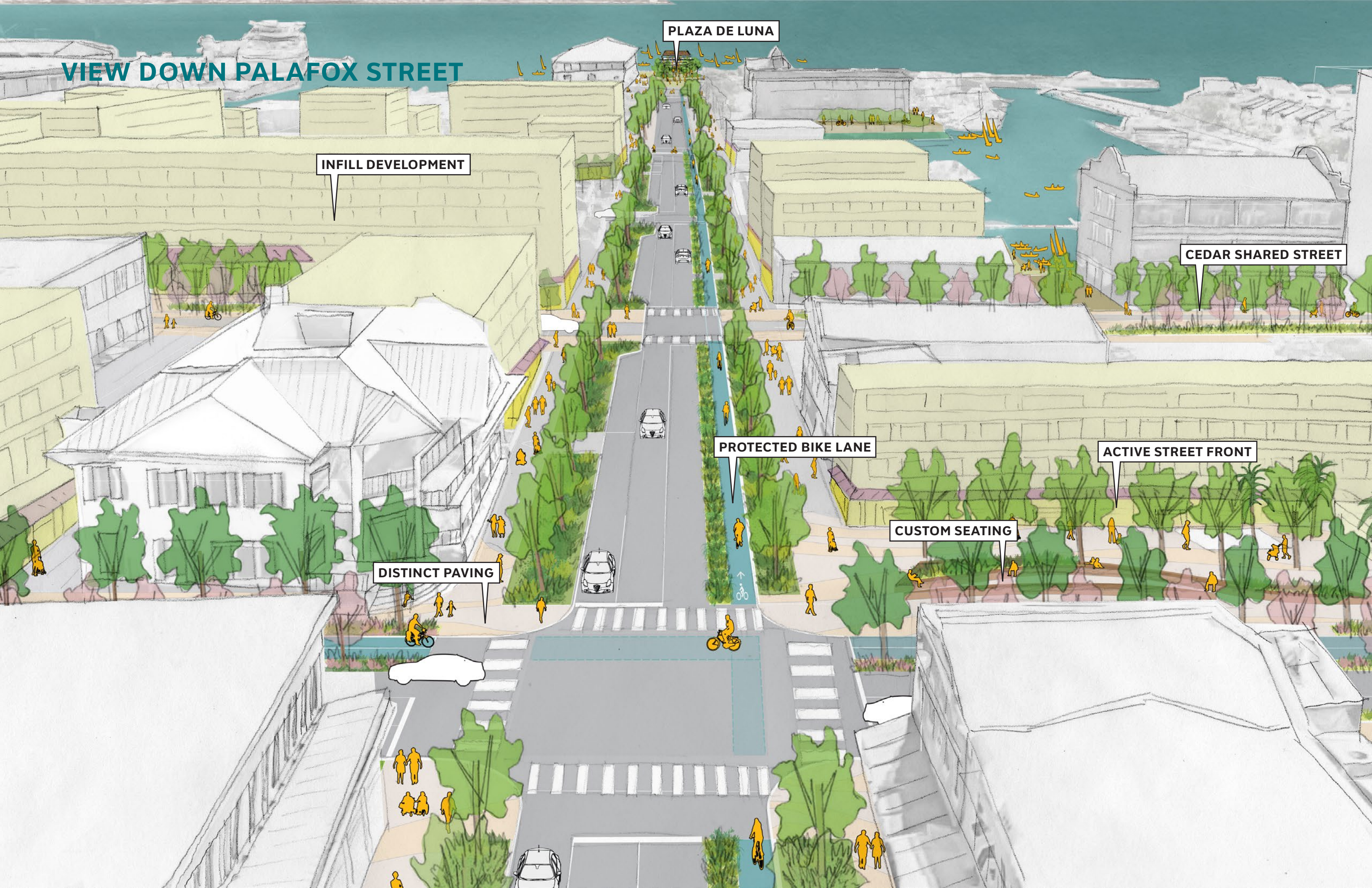
CEDAR SHARED STREET

PROTECTED BIKE LANE

ACTIVE STREET FRONT

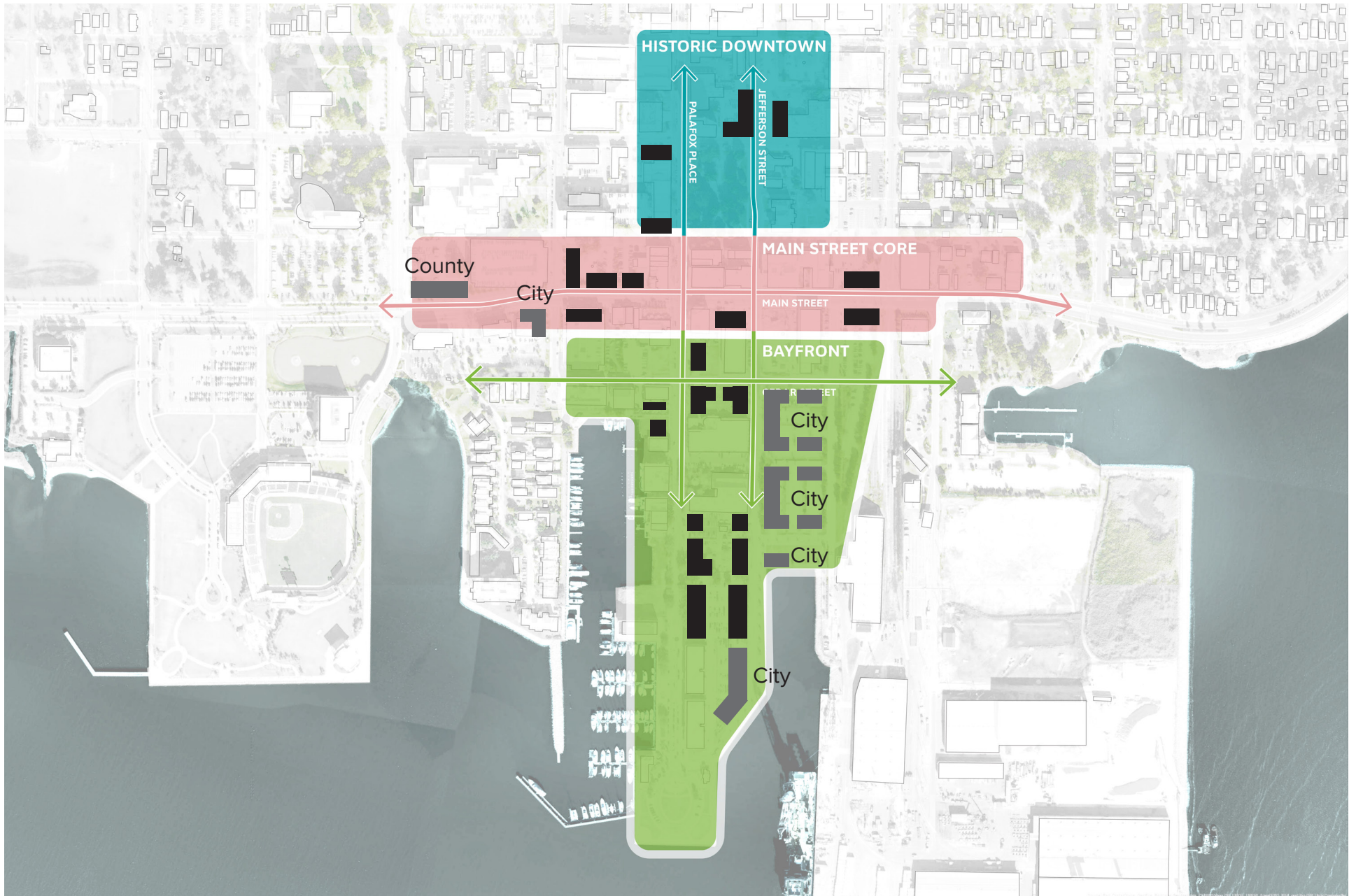
CUSTOM SEATING

DISTINCT PAVING



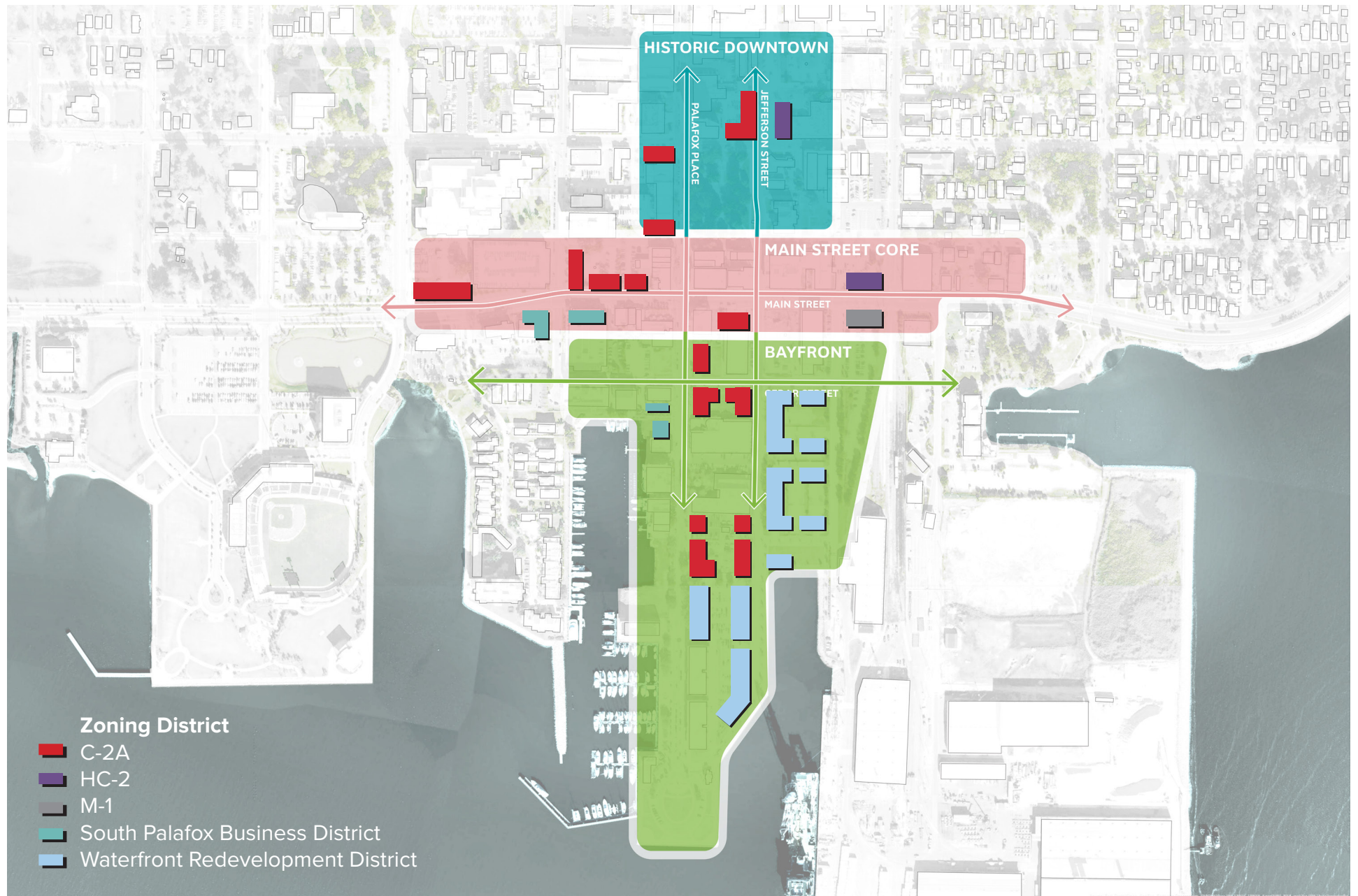
Potential Development Sites in the “Hashtag” Project

Ownership **PUBLIC** / **PRIVATE**



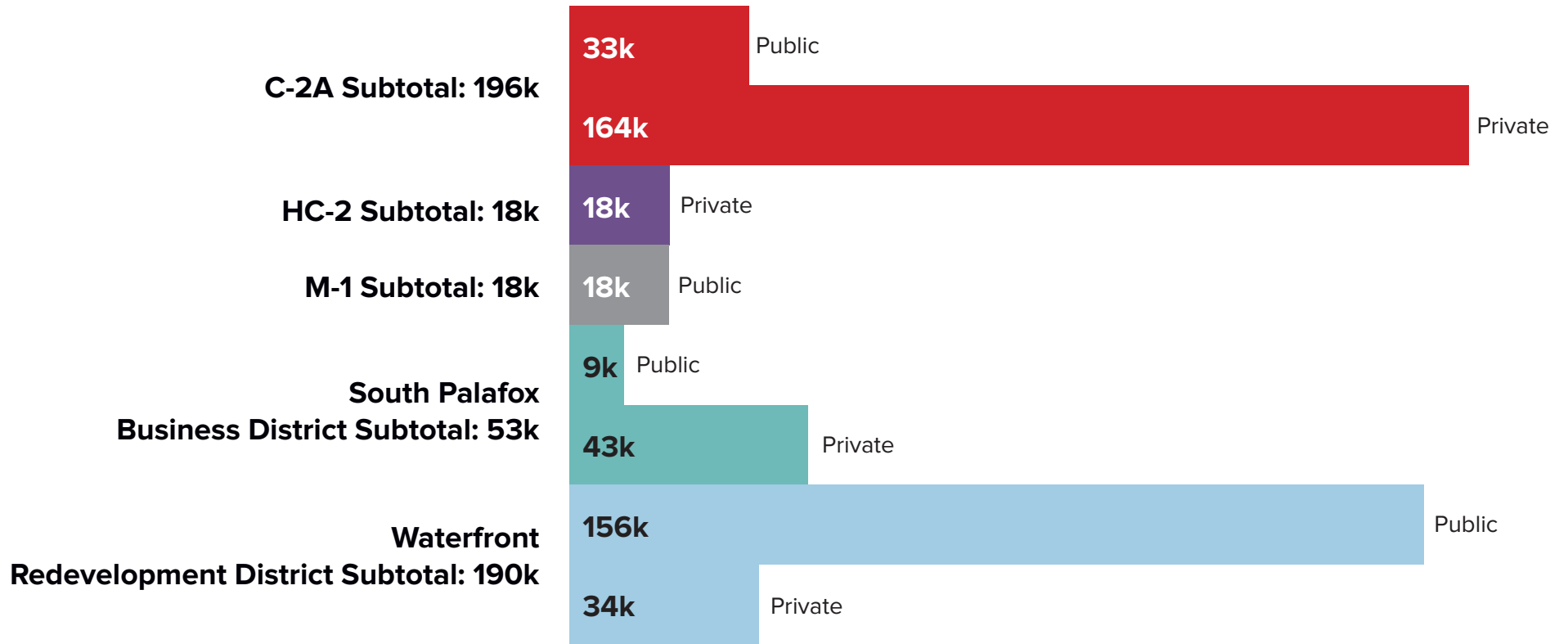
Potential Development Sites in the “Hashtag” Project

Zoning District



Potential Development Sites in the “Hashtag” Project

Land Square Footage, by Zoning District



Total Land Area: 474k sqf (10.9 acres)

Permitted Amount of Development:

Approximately 550 Dwelling Units in Total (Multi-Family) + Commercial

Recommended Development in the “Hashtag” Project

Main Street
High Density,
Retail-Residential
-Hotel
*Permitted DUs:
Approximately 170 in Total*

Historic Downtown
Mid-Low Density,
Retail-Residential
*Permitted DUs:
Approximately 15 in Total*



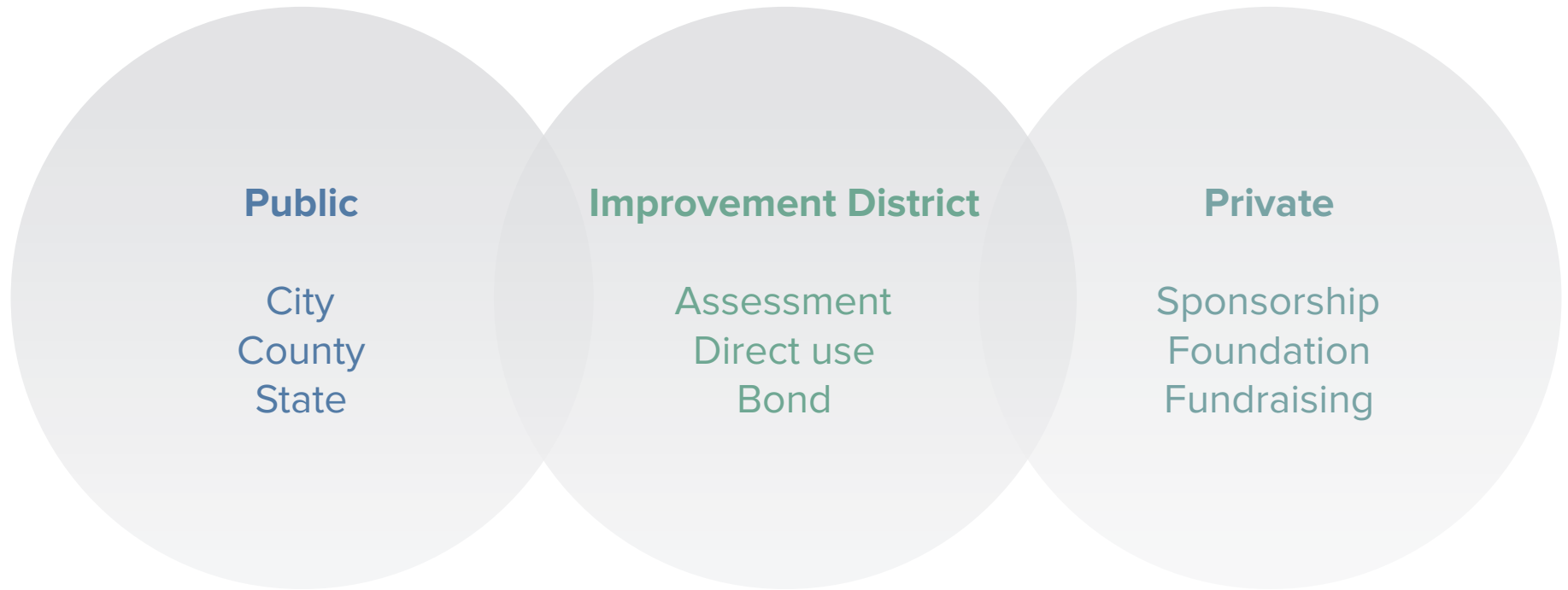
Bayfront
Mid-High Density,
Retail-Residential-Office
*Permitted DUs:
Approximately 360 in Total*

- Zoning District**
- C-2A
 - HC-2
 - M-1
 - South Palafox Business District
 - Waterfront Redevelopment District

Implementation Strategies for the “Hashtag” Project

Public Realm and Infrastructure

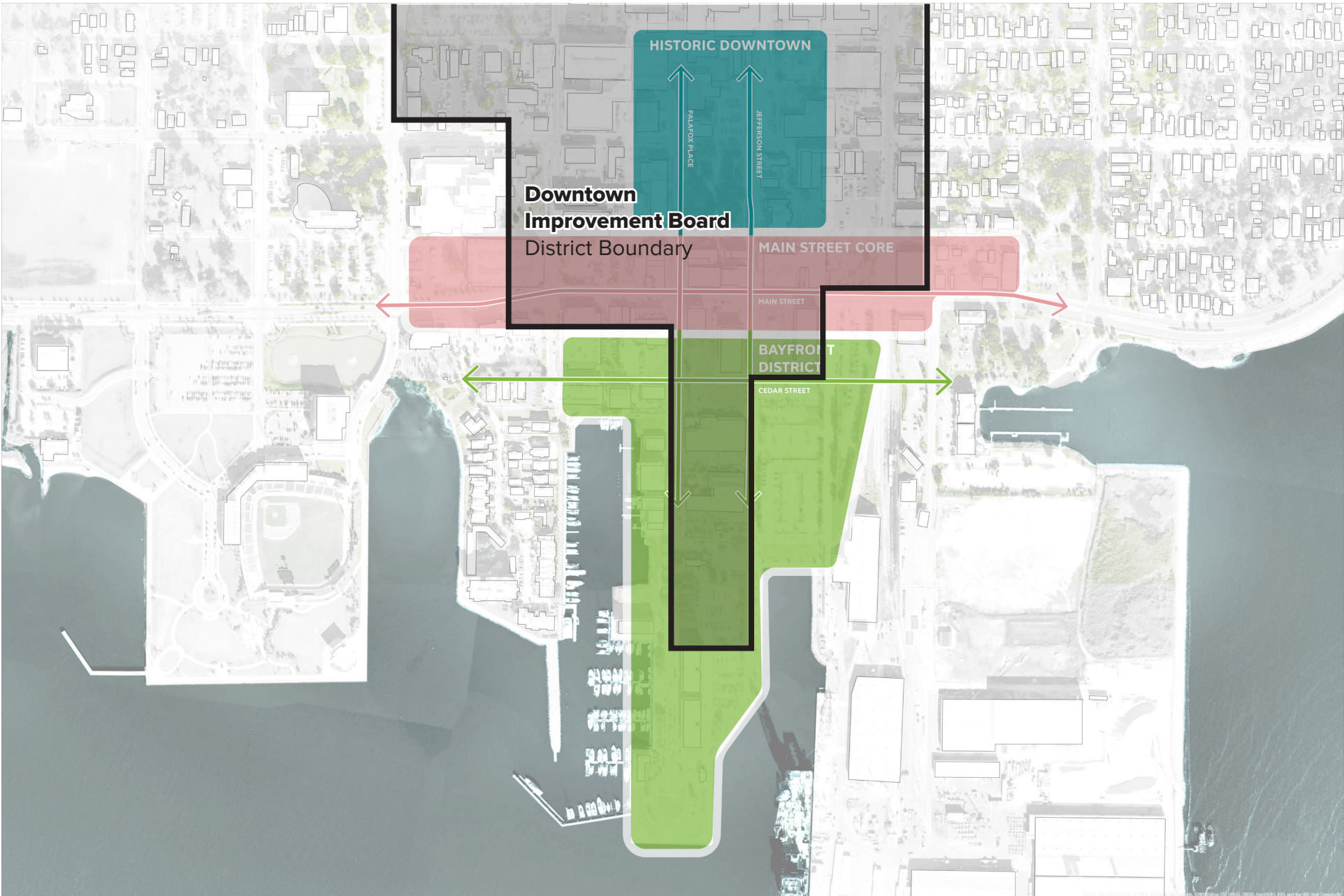
Capital Improvement & Maintenance



The Hashtag Project Area overlaps with the **Downtown Improvement Board (DIB)**, funded by a special tax levy on properties within its district boundaries. While the Downtown Improvement District focuses on maintenance of the downtown instead of capital improvements, they can potentially work with the City and identify recommended street improvement projects for City funding. The **Parking Management District**, also overseen by the DIB, could potentially fund capital improvements with available parking revenue, provided that the inter-local agreement with the City is renegotiated.

Implementation Strategies for the “Hashtag” Project

Public Realm and Infrastructure Capital Improvement



Implementation Strategies for the “Hashtag” Project

Development Process for Public Land



Recommended Development and Design Strategies for the “Hashtag” Project

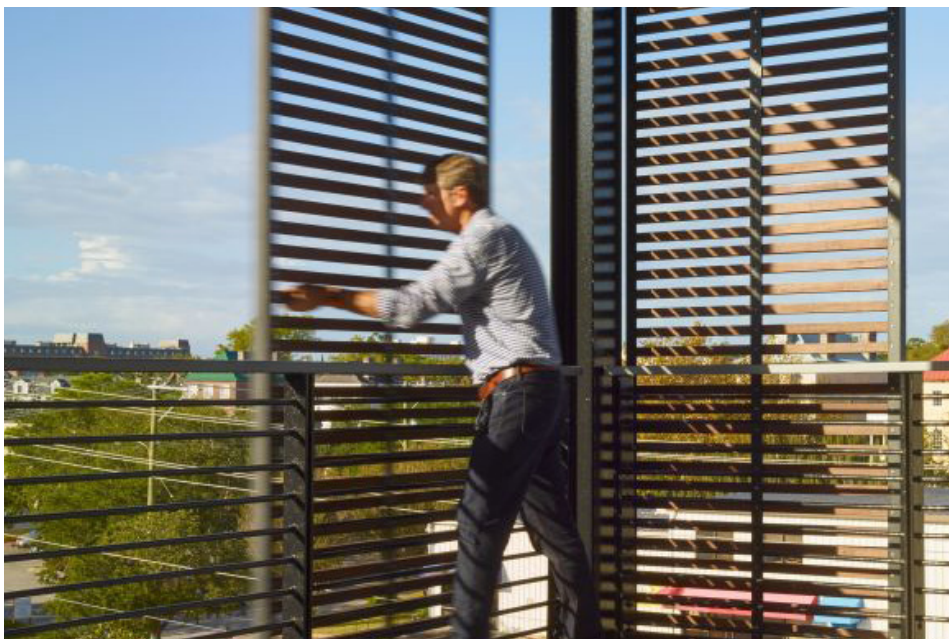
Coexisting with Historic District of Unique Character



Historic Front Street (Cookfox)

Recommended Development and Design Strategies for the “Hashtag” Project

Indoor/Outdoor Space



Williams Terrace (David Baker)



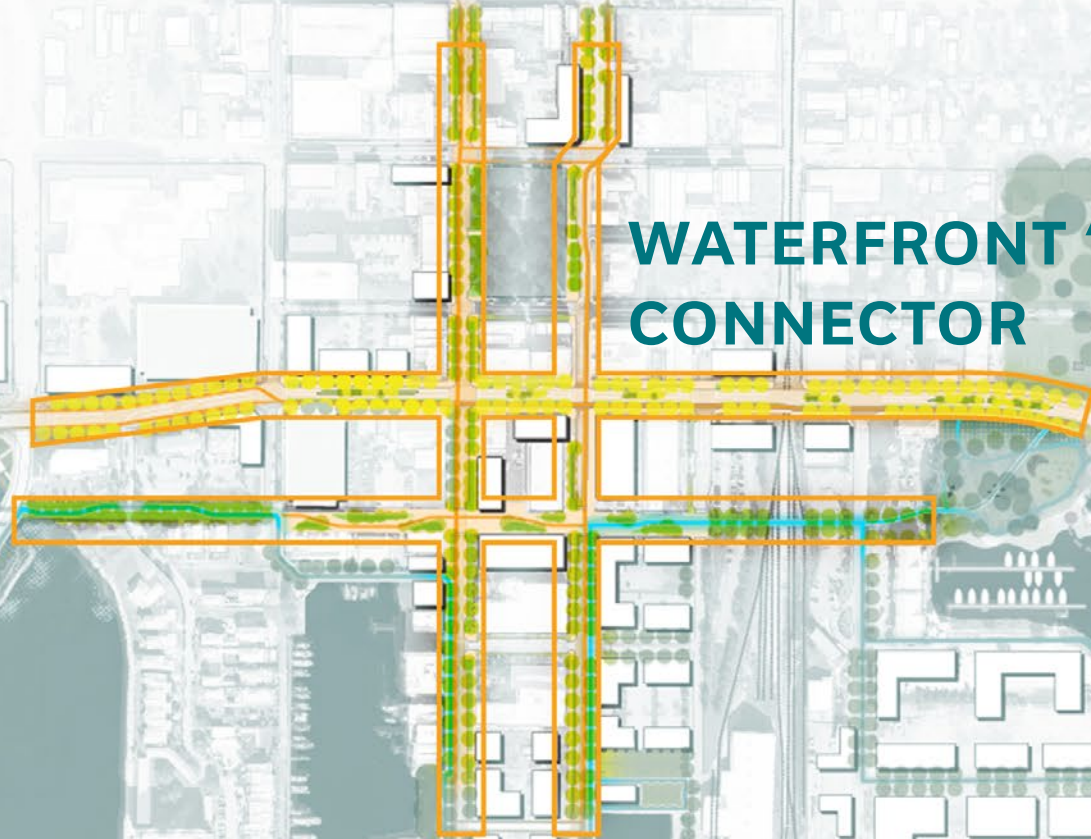
BRUCE BEACH

TWO CATALYTIC PROJECTS:

BRUCE BEACH



WATERFRONT "HASHTAG" CONNECTOR



KEY PRIORITIES




**CONNECT PEOPLE
TO THE WATER**

A teal-tinted photograph of a wetland landscape. In the foreground, there are tall reeds and grasses. The middle ground shows a body of water with a small island of vegetation. In the background, a long pier or dock structure extends across the horizon. The overall scene is calm and natural.

RESTORE AND ENHANCE LOCAL ECOLOGY

A vintage photograph of a group of African American people at a beach. In the foreground, a man in a light-colored suit stands with his back to the camera. Behind him, a group of women in various styles of swimsuits and swim caps are standing on a wooden pier or boardwalk. An American flag is visible in the background. The image has a blue tint and a semi-transparent white text overlay.

**MARK AND COMMEMORATE
AFRICAN-AMERICAN HISTORY
AND HERITAGE AT THE SITE**

A group of people, including children and adults, are gathered on a boat deck. In the foreground, a woman wearing a dark beanie and glasses is focused on using a pencil to mark a piece of wood. She is wearing a blue life jacket. Other people around her are also wearing life jackets, some in yellow and blue. The background shows a body of water and a clear sky. The overall scene suggests an educational or hands-on activity on a boat.

**DESIGN FOR EDUCATIONAL
ACTIVITIES, BOTH INDOORS
AND OUTDOORS**

An aerial photograph of a coastal city, likely Jacksonville, Florida, showing a large body of water in the foreground, a cityscape in the middle ground, and a clear blue sky. The text is overlaid on the image in a large, white, sans-serif font.

**CREATE A CULTURAL AND
EDUCATIONAL DESTINATION
AT THE BAY'S EDGE**

EXISTING BEACH

WASHERWOMAN / SAN MIGUEL CREEK

NATIVE WETLAND VEGETATION

CONSTRUCTION DEBRIS

SLOPED BEACH



EXISTING WETLANDS

EXPANSIVE BAY VIEWS

POTENTIAL FOR ACCESS PATH

CONSTRUCTED WETLAND

CONSTRUCTION DEBRIS MOUND



CATALYTIC PROJECTS WORKSHOP

scout group - kayaking

Accessibility

Laurence's Pool

Local kids like to hang out



CIVICON FEEDBACK SHEETS



BRUCE BEACH

PEOPLE SHOULD BE ABLE TO ...

PLAY	LEARN	RELAX
Good plan design for Bruce Beach at this time.		

TELL US YOUR VISION FOR BRUCE BEACH!

This is not for me to decide. This property has strong ties to our black community. If they have not been given a seat at the table, they should be allowed to share their vision of this area. I would restore the existing marsh area however.

SCAPE

BRUCE

Mark on the plan where you would like to see different activities or engage in new activities at Bruce Beach. We welcome all ideas!

- need a place to get out of the rain or heat - see cream chairs? boardwalk around marsh

SCAPE

BRUCE

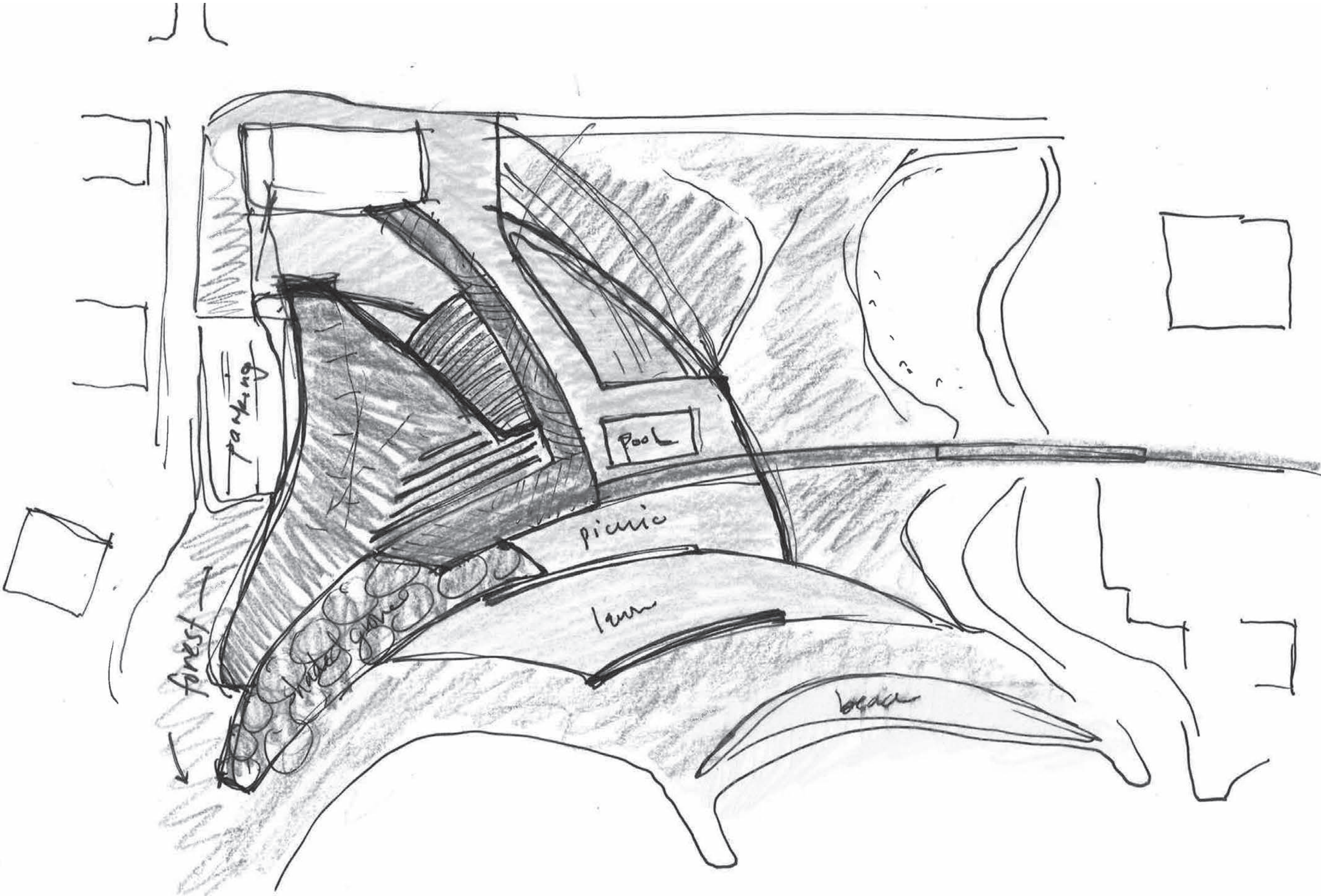
Mark on the plan where you would like to see different activities or engage in new activities at Bruce Beach. We welcome all ideas!

TELL US YOUR VISION FOR BRUCE BEACH!

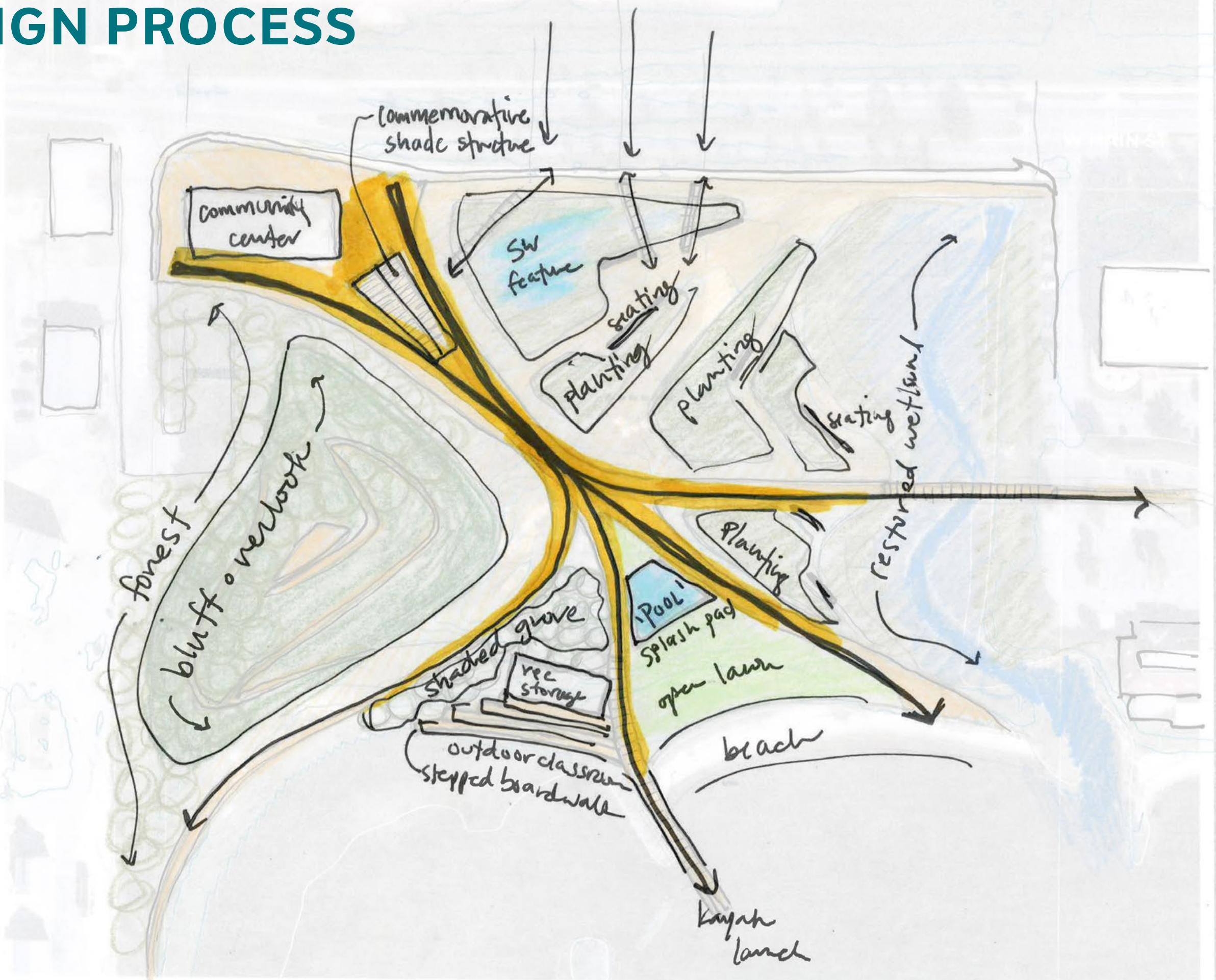
Connector Bridge
Beach Chair Umbrella Rentals
An abstracted view of Beach from Main Street

SCAPE

DESIGN PROCESS



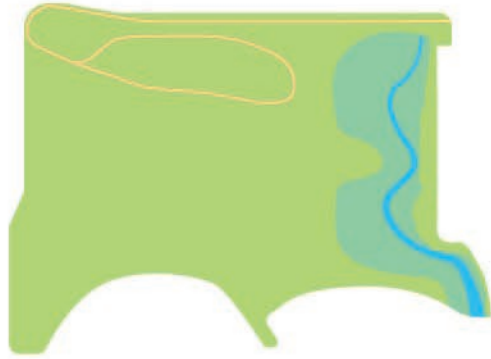
DESIGN PROCESS



BRUCE BEACH

SCALE COMPARISONS

BRUCE BEACH
Pensacola, FL
11.5 acres



SEVILLE SQUARE
Pensacola, FL
2 acres



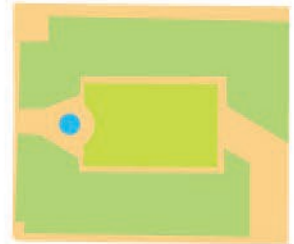
ADMIRAL MASON PARK
Pensacola, FL
7.5 acres



THE HILLS
Governors Island, NY
7.5 acres



BRYANT PARK
New York City, NY
9 acres



BAYVIEW PARK
Pensacola, FL
28 acres



CASCADES PARK
Tallahassee, FL
25 acres



BRUCE BEACH

MAIN STREET

W MAIN ST

S. CLUBBS STREETS ST

HISTORIC RAIL

MOUND / LANDFORM

WASHERWOMAN CREEK

PENSACOLA BAY



BRUCE BEACH

PROGRAM DIAGRAM

MAIN STREET

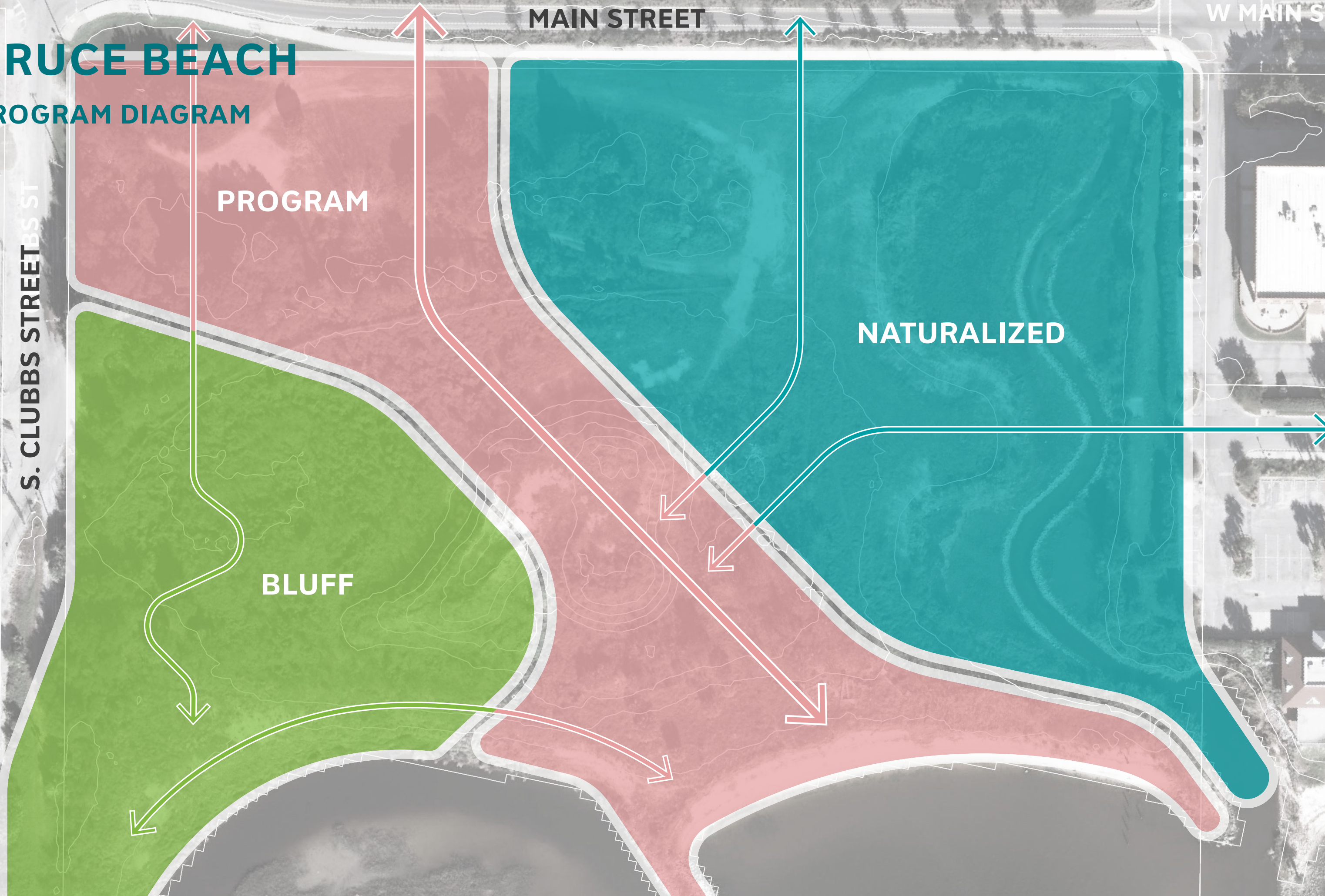
W MAIN S

S. CLUBBS STREET

PROGRAM

NATURALIZED

BLUFF



BRUCE BEACH ILLUSTRATIVE PLAN



BRUCE BEACH ILLUSTRATIVE PLAN



DROP OFF AREA

SIDEWALK ALONG MAIN STREET

BUILDING ENTRANCE

BUILDING ENTRANCE

PARKING

LEARNING GARDEN

PEDESTRIAN BRIDGE

KAYAK STORAGE

BLUFF OVERLOOK

PICNIC TERRACE

LAWN TERRACE

ACCESSIBLE KAYAK LAUNCH

A FULLY ACCESSIBLE PARK



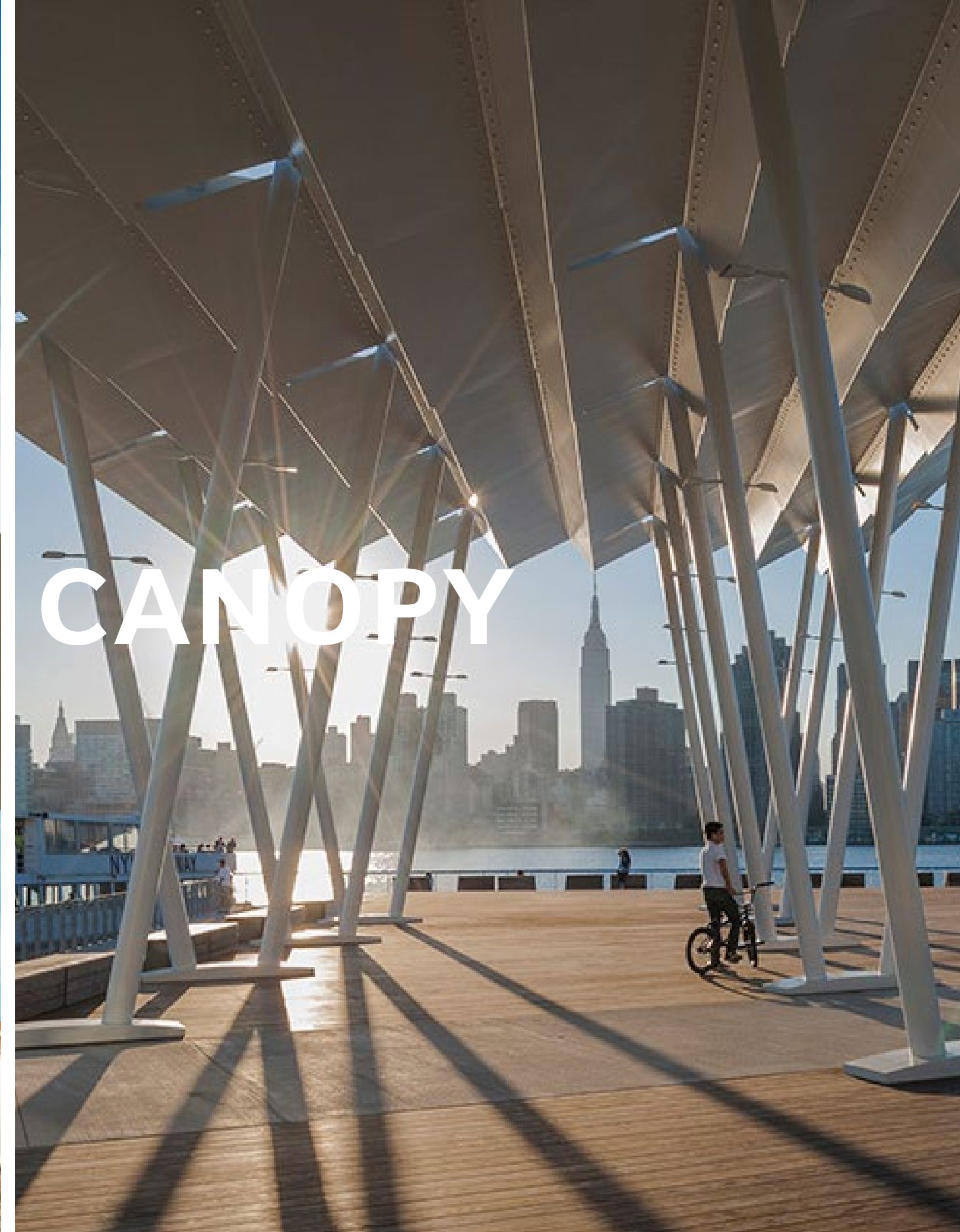


URBAN EDGE





Mont Orford Visitors Center, Quebec, Canada



Hunters Point South Park Pavilion, NYC

BIRD'S EYE VIEW OF BRUCE BEACH



BIRD'S EYE VIEW OF BRUCE BEACH PARK



BIRD'S EYE VIEW OF BRUCE BEACH PARK



KAYAK STORAGE

BLUFF OVERLOOK

EDUCATION CENTER

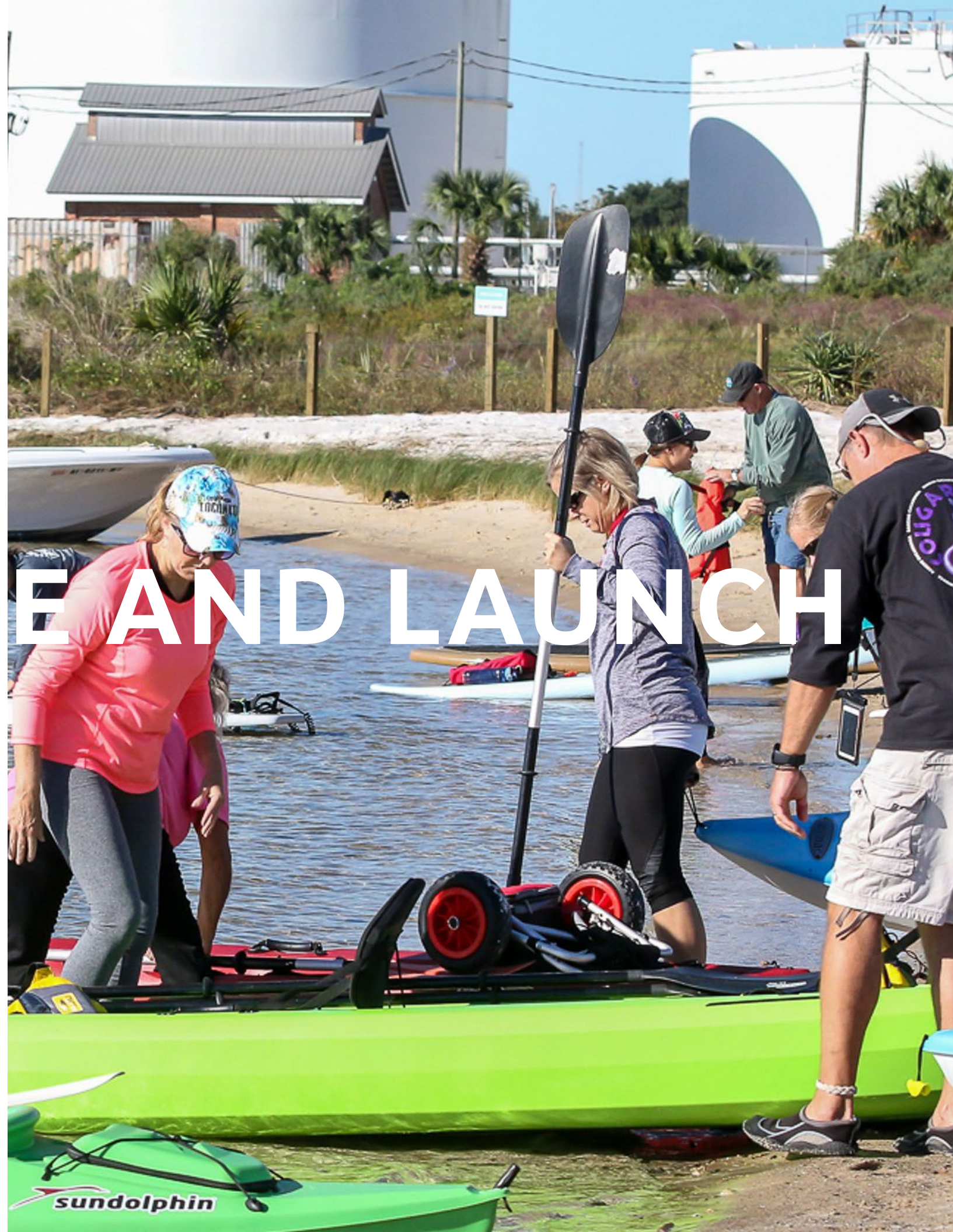
ENTRY PLAZA

LEARNING GARDEN

OUTDOOR EXHIBIT

MARSH BRIDGE

BEACH TERRACES



KAYAK STORAGE AND LAUNCH



NATURE PLAY





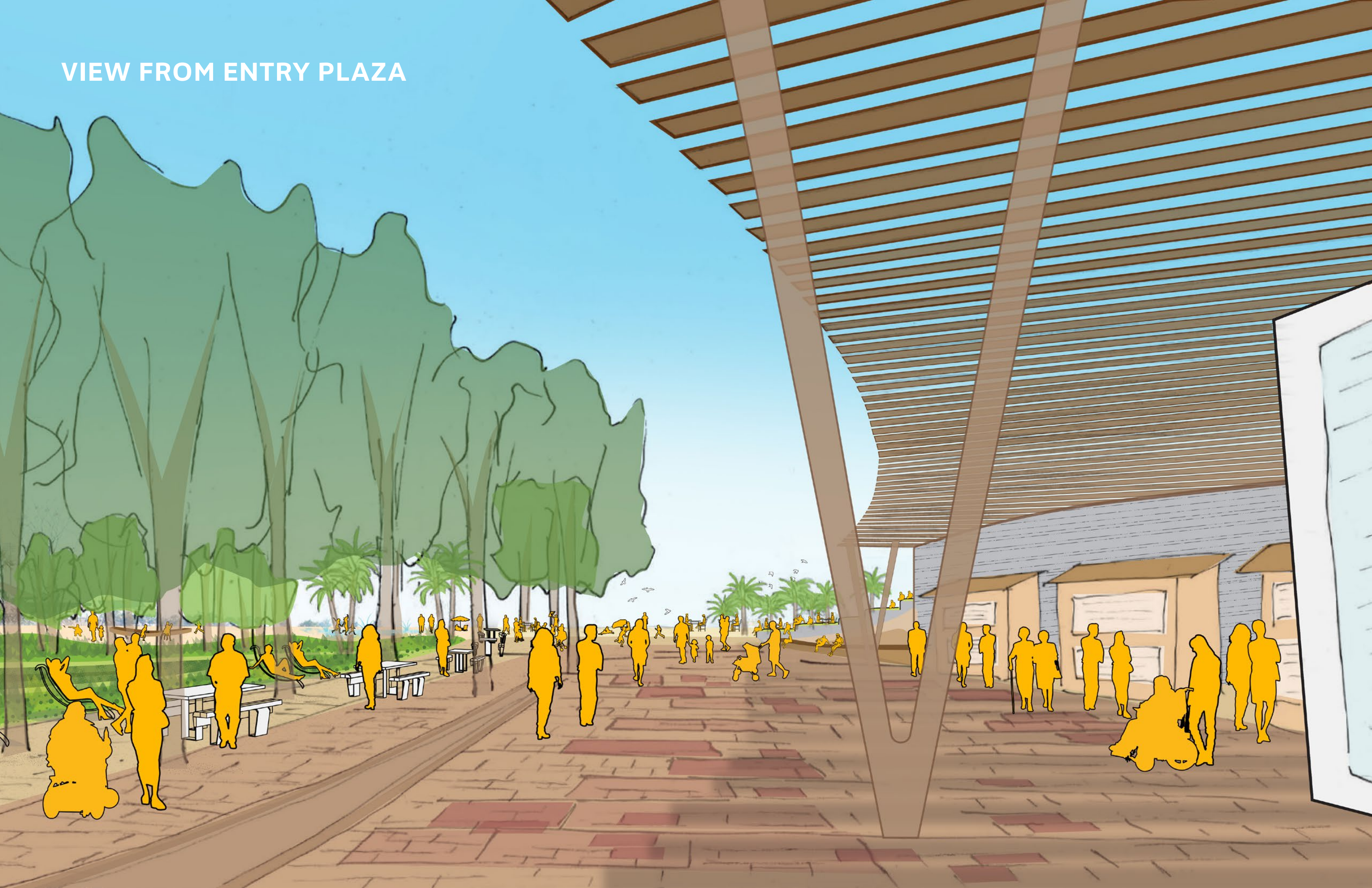
WATER PLAY & MEMORY



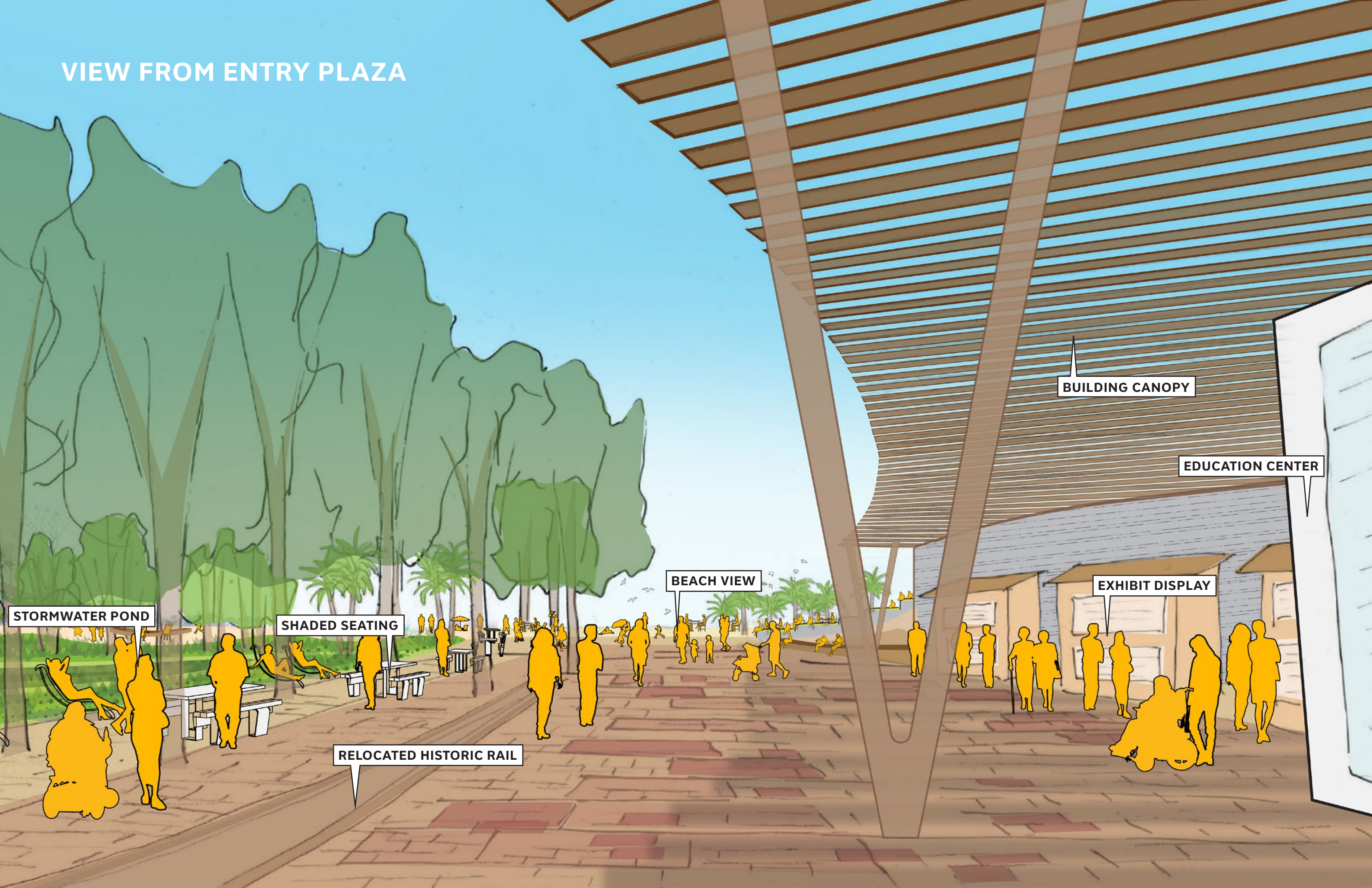
VIEW FROM ENTRY AREA



VIEW FROM ENTRY PLAZA



VIEW FROM ENTRY PLAZA



BUILDING CANOPY

EDUCATION CENTER

BEACH VIEW

EXHIBIT DISPLAY

STORMWATER POND

SHADED SEATING

RELOCATED HISTORIC RAIL



Belmont-DeVilliers Street Project



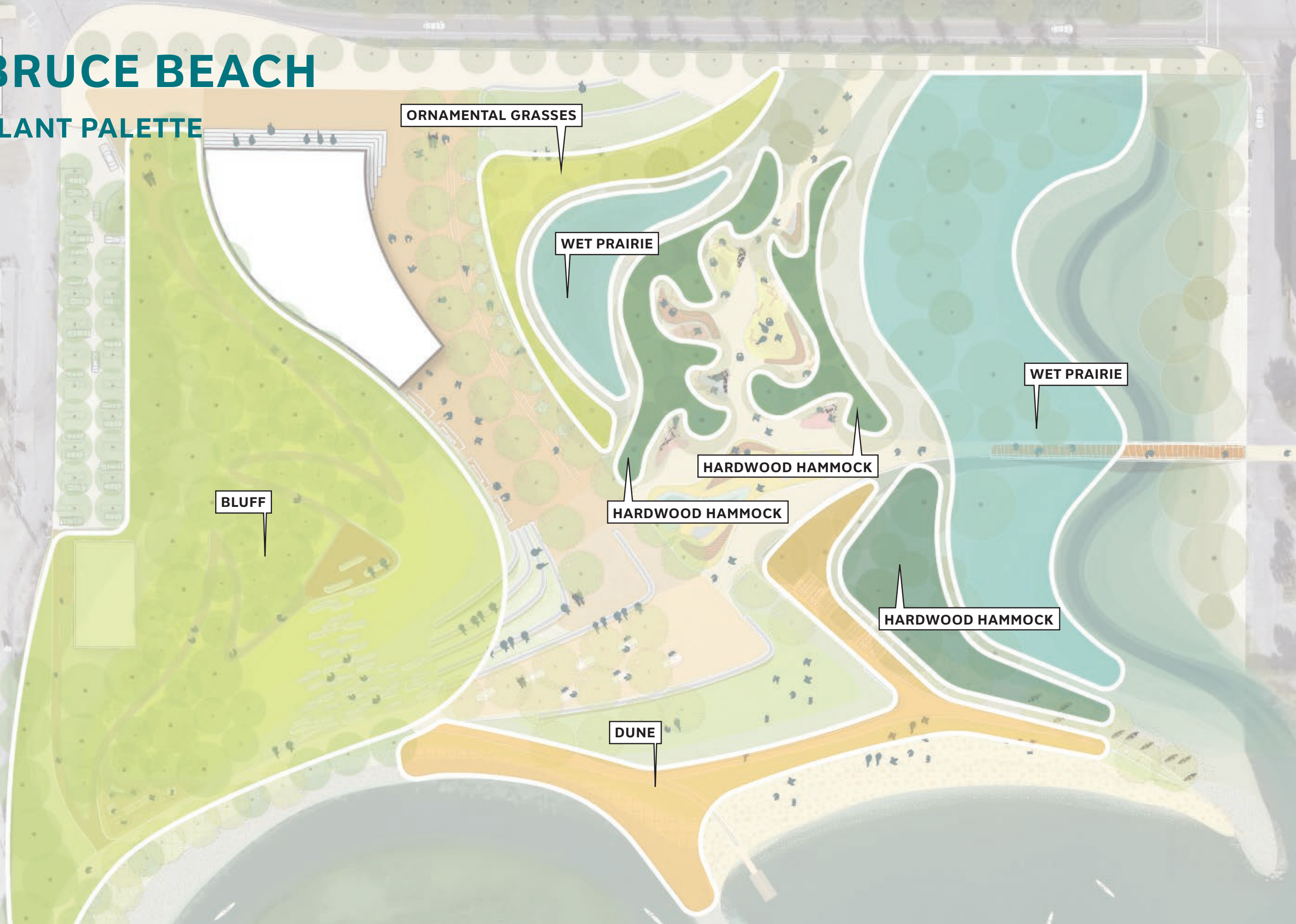
Belmont Street Historic Brick Paving



Larry Grice takes the plunge at Bruce Beach Pool.

BRUCE BEACH

PLANT PALETTE



BLUFF

ORNAMENTAL GRASSES

WET PRAIRIE

HARDWOOD HAMMOCK

HARDWOOD HAMMOCK

WET PRAIRIE

HARDWOOD HAMMOCK

DUNE



BLUFF

dense + immersive planting on the overlook mound

BLUFF COMMUNITY

BLUFF TREES



LONG LEAF PINE



SLASH PINE



LOBLOLLY PINE



BLUFF UNDERSTORY/ SHRUBS



SAW PALMETTO



WAX MYRTLE



GALBERRY



BLUFF UNDERSTORY/ HERBACEOUS



LITTLE BLUESTEM



ST. JOHNS WORT



A coastal dune landscape featuring a sandy foreground with sparse, low-lying yellow-green vegetation. A dense line of tall, slender trees stands in the middle ground, with a body of water and a distant shoreline visible in the background under a clear sky.

DUNE

coastal dune on lowest terrace adjacent to the beach

DUNE COMMUNITY

DUNE TREES



CABBAGE PALM



SAND LIVE OAK



DUNE UNDERSTORY/SHRUBS



SAW PALMETTO



WAX MYRTLE



SEA GRAPE



DUNE UNDERSTORY/HERBACEOUS



SEA OATS



DUNE PANIC GRASS



FLORIDA ROSEMARY



HARDWOOD HAMMOCK

dense tree groves surrounding the play + hammock grove

HARDWOOD HAMMOCK COMMUNITY

HARDWOOD HAMMOCK TREES



SOUTHERN LIVE OAK



SAND LIVE OAK



LAUREL OAK



SOUTHERN MAGNOLIA



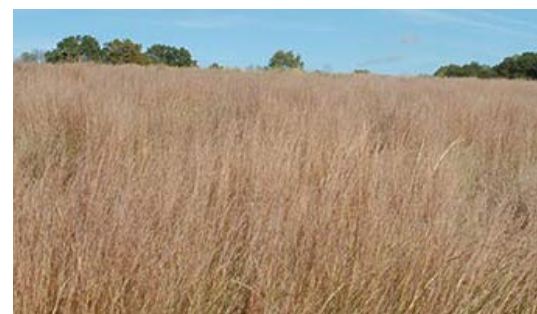
PIGNET HICKORY



AMERICAN HOLLY



HARDWOOD HAMMOCK UNDERSTORY/ HERBACEOUS



LITTLE BLUE STEM



SAW PALMETTO





WET PRAIRIE

stormwater pond + marsh edge

WET PRAIRIE COMMUNITY

WET PRAIRIE/ GRASSES



SAW GRASS



BLACK SEDGE



GULF MUHLY



WET PRAIRIE/ HERBACEOUS



FLORIDA LOBELIA



PICKERELWEED



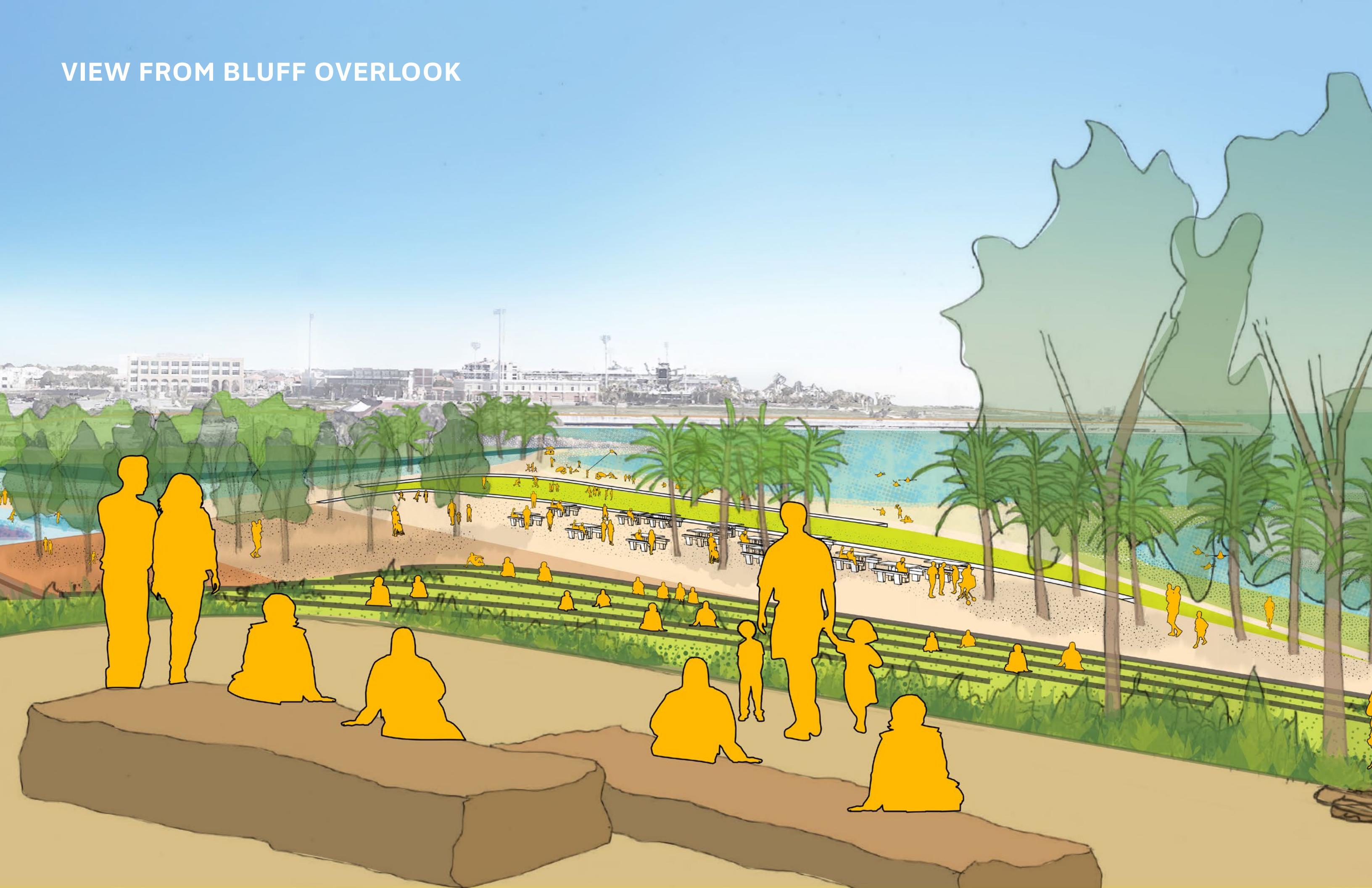
WATER HYSSOP



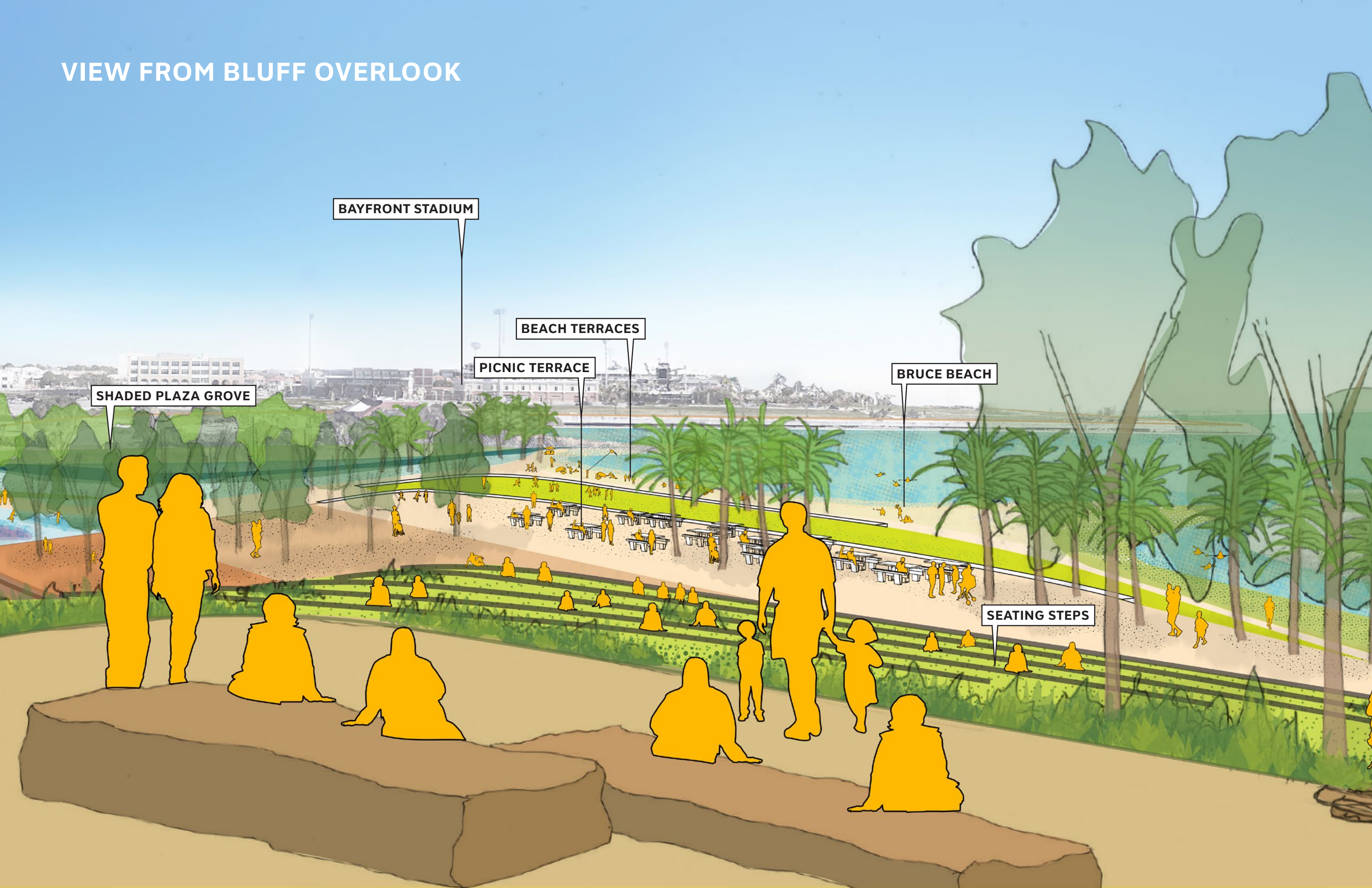
VIEW FROM EXISTING MOUND



VIEW FROM BLUFF OVERLOOK



VIEW FROM BLUFF OVERLOOK



BAYFRONT STADIUM

BEACH TERRACES

PICNIC TERRACE

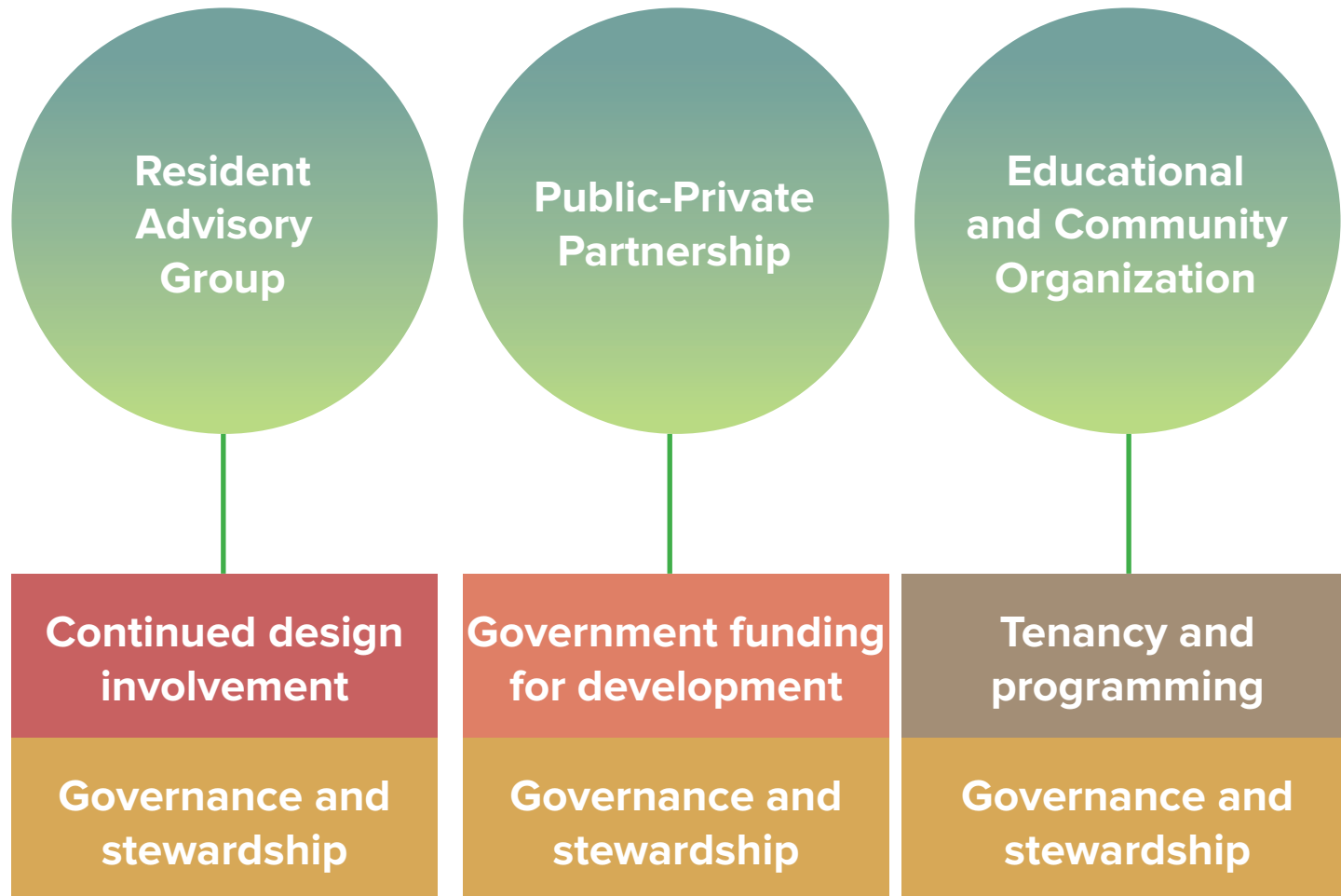
BRUCE BEACH

SHADED PLAZA GROVE

SEATING STEPS

Implementation Strategies for the Bruce Beach Project

Design, Development, Governance + Stewardship



THANK YOU!