Workshop #3 | February 20, 2017

Savannah Downtown Streetscapes

BROUGHTON STREET

AGENDA

- Introduction
- Meeting #2 Results
- 60% Conceptual Design of Broughton Street
- Discussion

PROJECT TEAM

- City of Savannah
- EDSA, Inc. (Prime Consultant)
  - Coastline Consulting Services, Inc. – Cost Estimator
  - Collins Engineers, Inc. – Structural Engineer
  - ECS Southeast, LLC – Geotechnical Engineer
  - JB+A, Inc. – Local Landscape Architect
  - Jerry Holcomb – Arborist
  - Long Engineering, Inc. – Civil Engineer
  - LS3P Dawson – Historic Preservation Architect
  - Sustainable Design Consultants – Electrical Engineer
  - Symbioscity – Community Liaison
  - Transport Studio – Traffic Engineer

OUR STORY

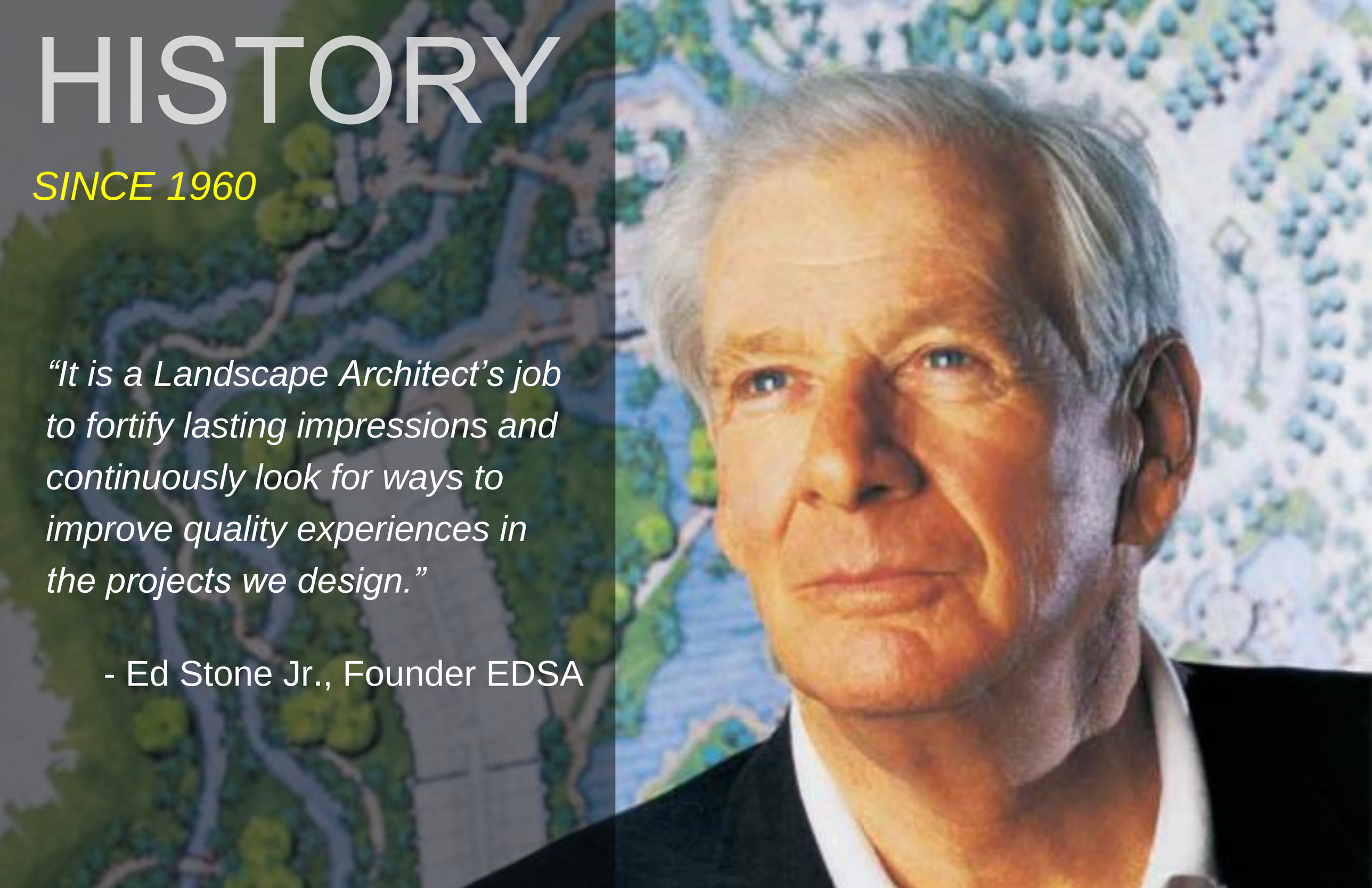
55 YEARS OF EXPERIENCE

300+ DESIGN AWARDS

GLOBAL PRESENCE

HISTORY

SINCE 1960



“It is a Landscape Architect’s job to fortify lasting impressions and continuously look for ways to improve quality experiences in the projects we design.”

- Ed Stone Jr., Founder EDSA

PROJECT GOALS

Phase One of the Streetscape Improvement Initiative will seek to improve three of historic downtown's most prominent urban corridors – Broughton Street, Bay Street, and River Street.

- Our primary goal will be to realize each street's full potential as a rich and varied pedestrian experience.
- We are committed to building our design solutions based on the five previously completed studies.
- Our efforts will be focused on **implementation**.

FOCUS AREAS

- Pedestrian Safety
- Bicycle Safety
- Vehicular Functionality
- Smart Transportation Design
- Historic Preservation
- Visual Identity
- Activities and Events

- **RESIDENT AND GUEST EXPERIENCE!**

VISIONING

FEB. 20th – 50% CDs
MAR 6th – CD REVIEW (Sutter)
MAR. 11-17 – FINAL REVIEWS & COORDINATION.
FEB. 14th – CONCEPT DRAWING.
FEB. 10th – PRELIM. DIAGRAMS
MAR. 13th – FINAL DIAGRAMS
FEB. 12th – 1st DRAFT
REVIEW SUBMITTAL
MAR. 10th – PACKAGE SUBMITTAL
MAR. 17-18 – NEXT WORKSHOPS
FEB 17th – DRAFT GUIDELINES
FEB. 13th – SKETCHUP MODEL.
- VILLAGE
- CORAL SPRINGS
- MARSH
- HILTON
- NSU BALLFIELDS & 36th ST.
- NSU U.P.P.

VISIONING PROCESS

1. Project Kick-Off Meeting
2. Initial Site Visit
3. Site Inventory / Research
4. Public Meeting #1- Discovery
5. Online Survey
6. Site Analysis
7. Survey Results
8. Visioning
9. Public Meeting #2 - Streetscapes Overview
10. Conceptual Design
11. Public Meeting #3 - Broughton St. Improvements
12. Public Meeting #4 - Bay St. Improvements
13. Public Meeting #5 - River St. Improvements
14. Conceptual Refinement
15. Final Presentation

GOALS AND EXPECTATIONS

Task Goals

- Listen to your Ideas
- Learn about your aspirations
- Develop a vision

Expectations

- Dream BIG
- Broaden our perceptions
- Believe in the possibilities
- Prioritize our initiatives
- Focus on the implementation

DESIGN PROCESS

- The design team will utilize the findings from both the analysis and the **stakeholder input** to drive the conceptual design.
- During this conceptual design phase, our team will design each street to its **complete, ultimate state**.
- The conceptual design phase will be a fully developed **comprehensive design**, not limited by budgets and/or timelines.
- By having a comprehensive design, the City of Savannah is able to **phase in specific elements** as funding becomes available.
- This ensures a **unified, cohesive, and high quality design** that addresses all of the needs discovered during the process.

CONCEPT RECAP

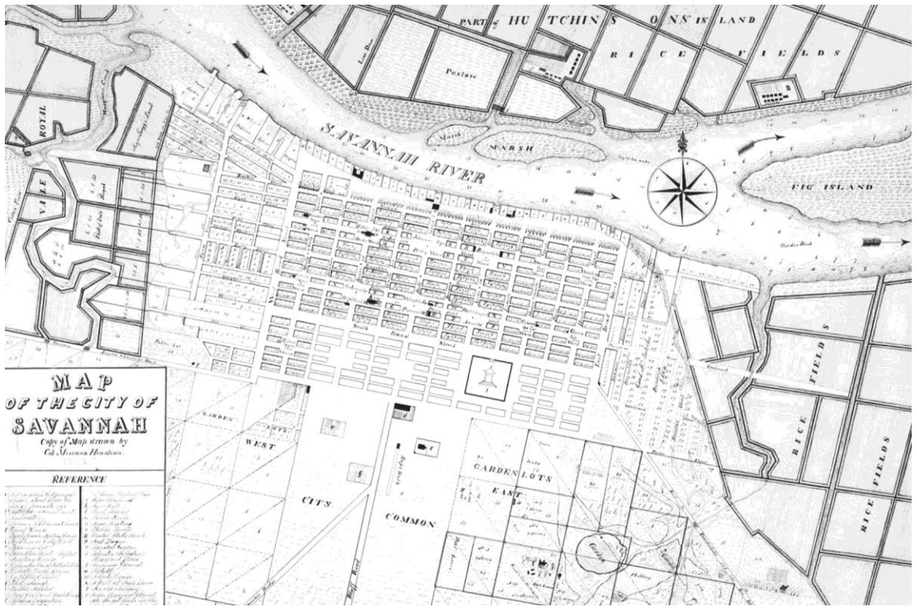
CONCEPTUAL THEMES

1. Coastal Savannah

The “Coastal Savannah” concept embraces Savannah’s deep relationship with water, and focuses on connecting people to it.

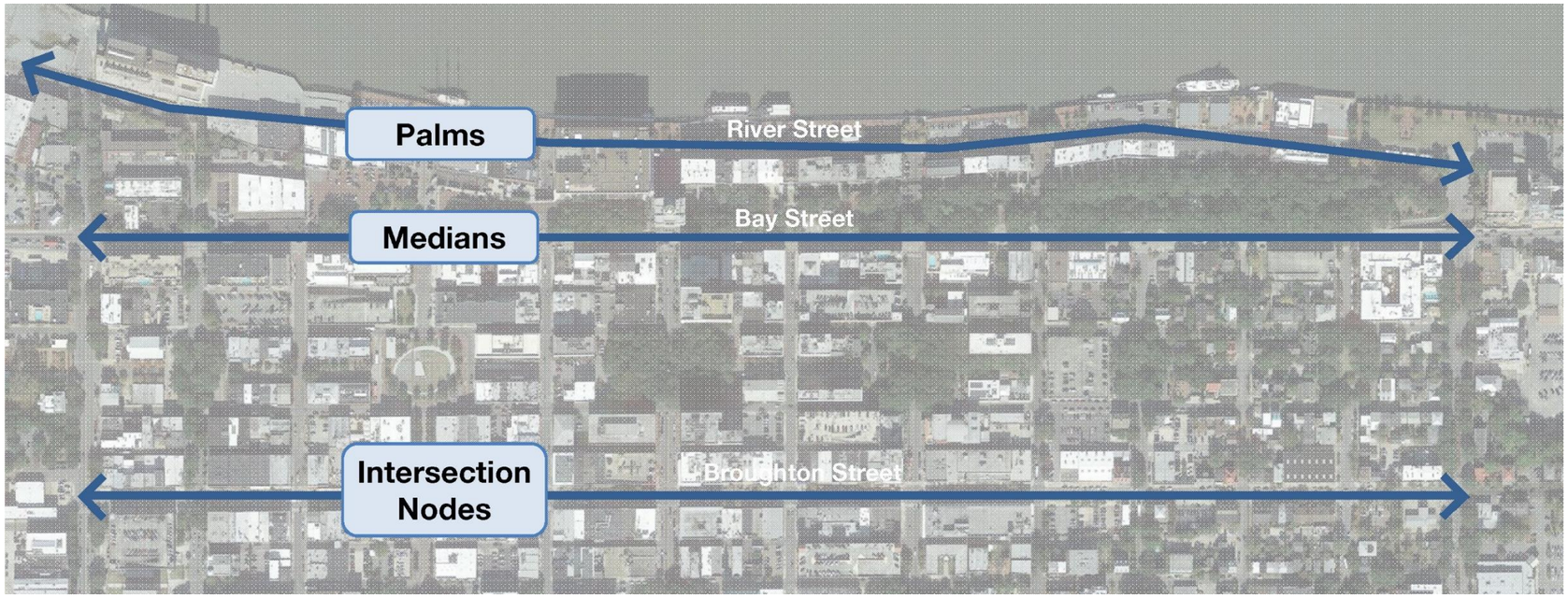
2. Historic Savannah

The “Historic Savannah” concept seeks to restore the street’s historic quality and blur the line between past, present, and future.



CONCEPTUAL THEMES

COASTAL



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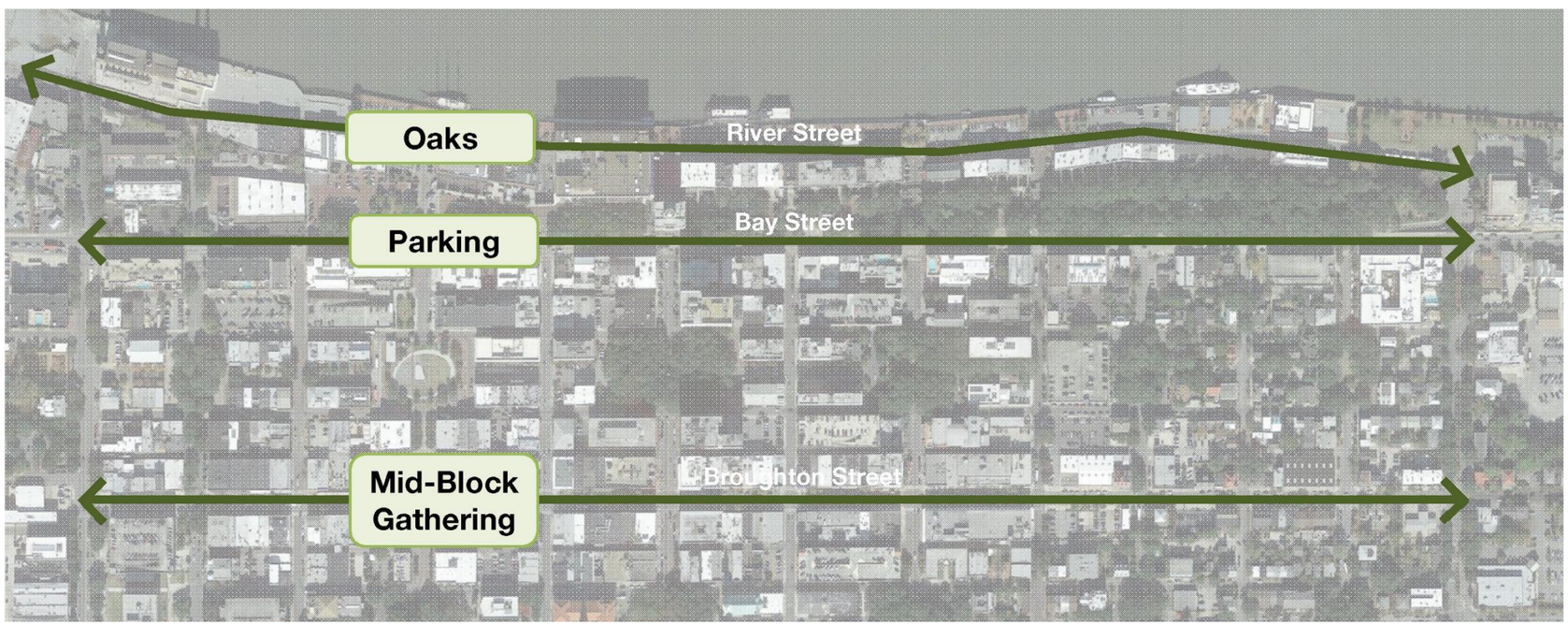


EDSA

CONCEPTUAL THEMES

Broughton St.

Bay St.

River St.

COASTAL

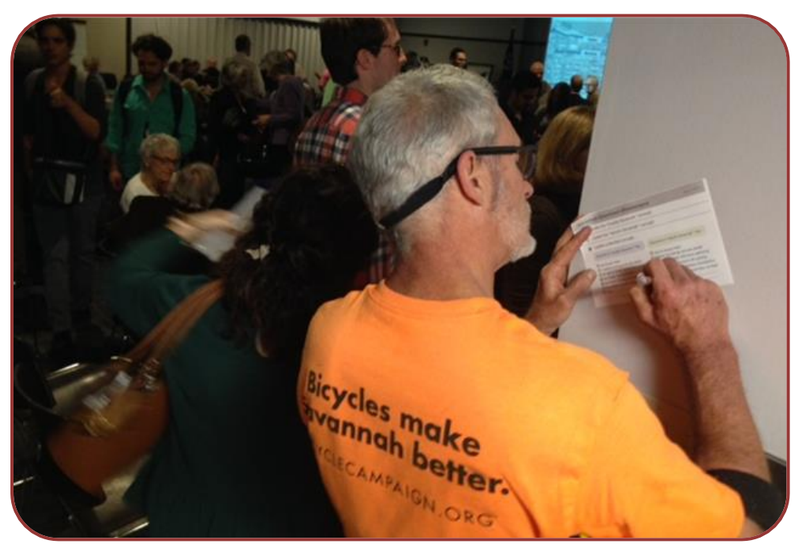
HISTORIC

STAKEHOLDER INPUT

Which concept do you prefer?...

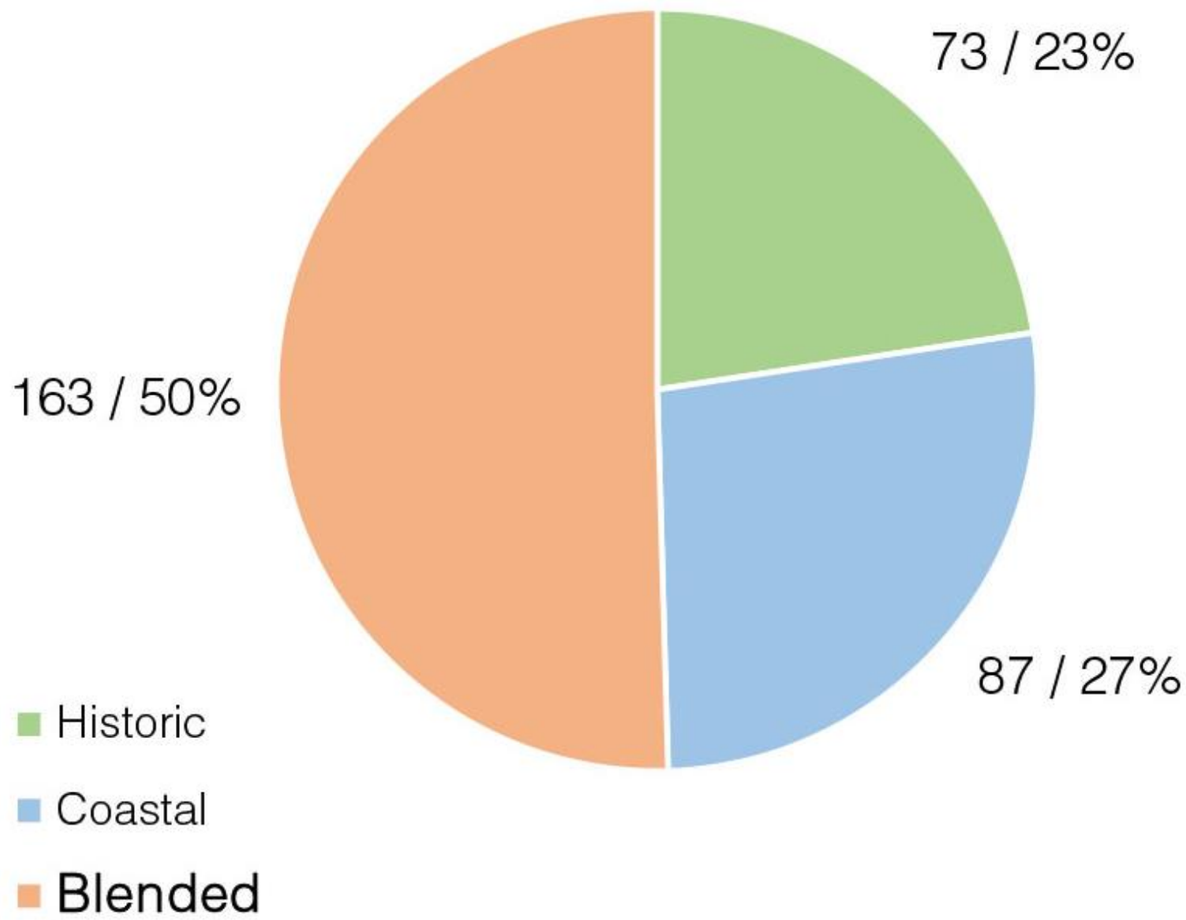
Savannah Downtown Streetscapes Jan 17, 2017

- ○ I prefer the “Coastal Savannah” concept
- ○ I prefer the “Historic Savannah” concept
- ○ I prefer a blended concept...



STAKEHOLDER INPUT

…A blend between Coastal and Historic Concept



BLENDED CONCEPT

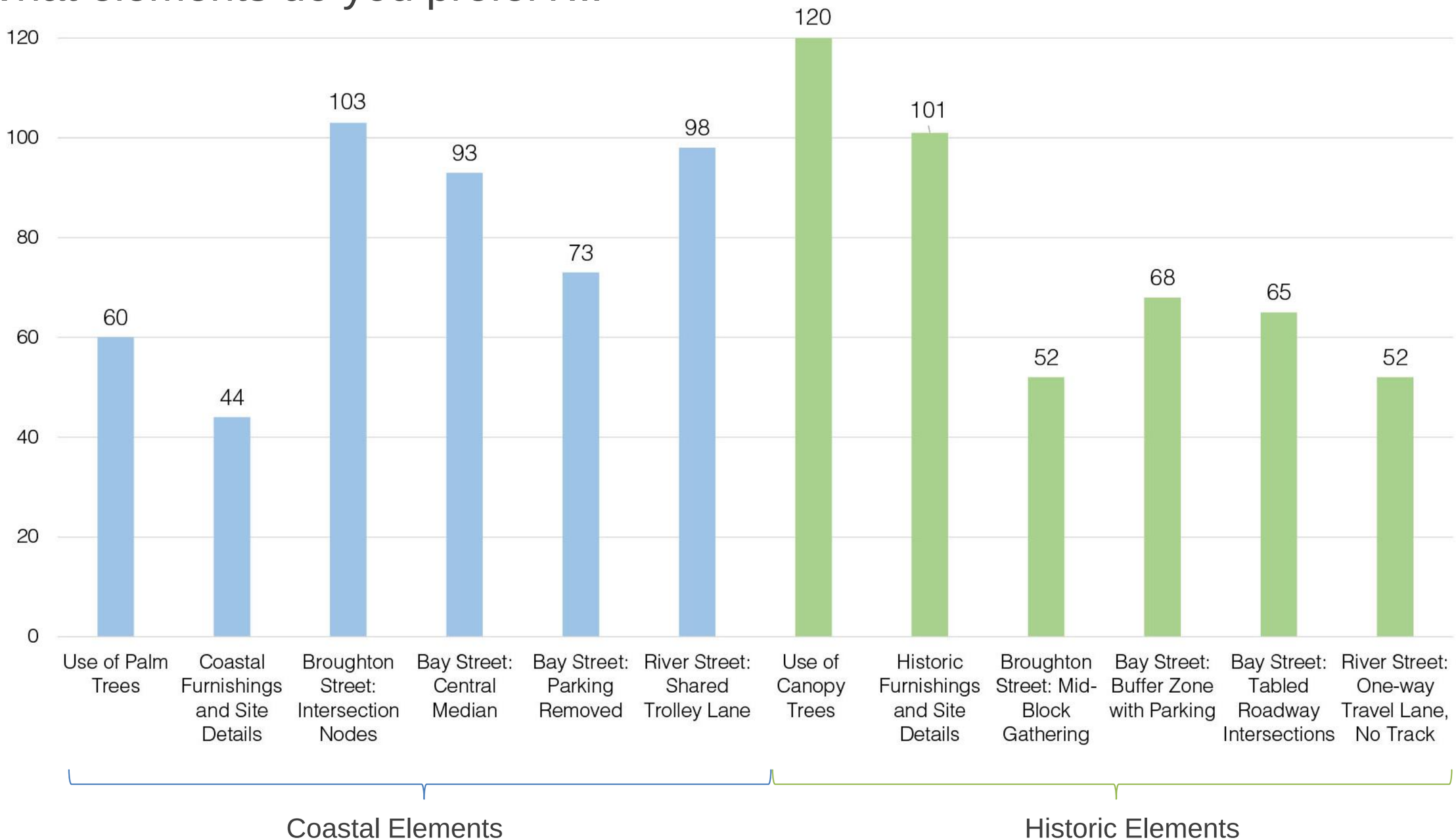
What elements do you prefer?...

- I prefer a blended concept...

Elements of “Coastal Savannah” I like:	Elements of “Historic Savannah” I like:
Use of palm trees	Use of canopy trees
Coastal furnishings and site details	Historic furnishings and site details
Broughton Street: Intersection nodes	Broughton Street. Mid-block gathering
Bay Street: Central Median	Bay Street: Buffer zone with parking
Bay Street: Parking Removed	Bay Street: Tabled roadway intersections
River Street: Shared trolley lane	River Street: One way travel lane, no track
Other _____	Other _____
Other _____	Other _____
_____	_____

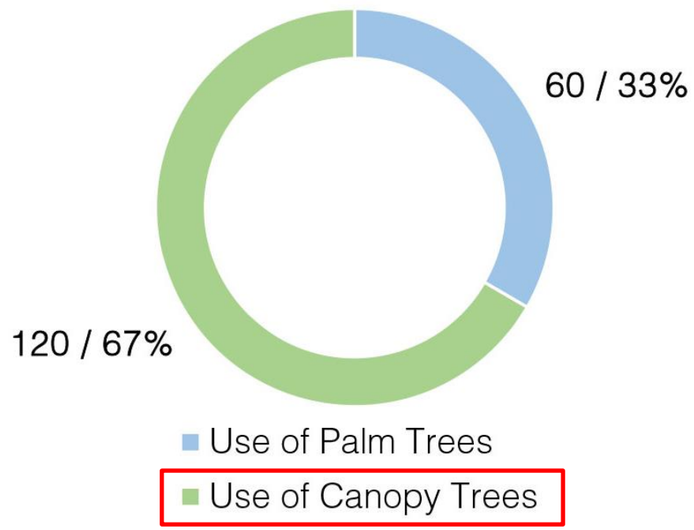
BLENDED CONCEPT

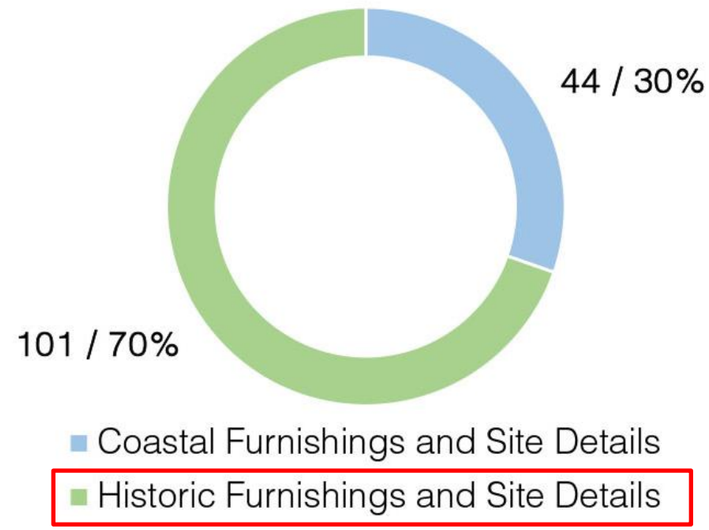
What elements do you prefer?...

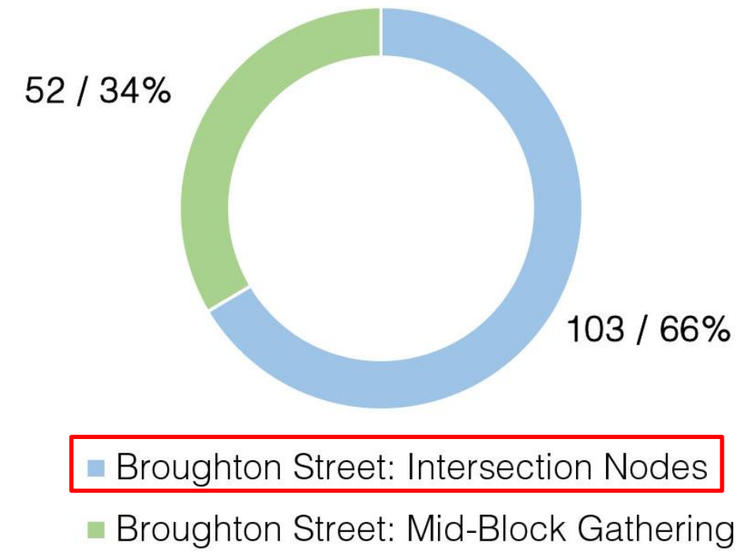


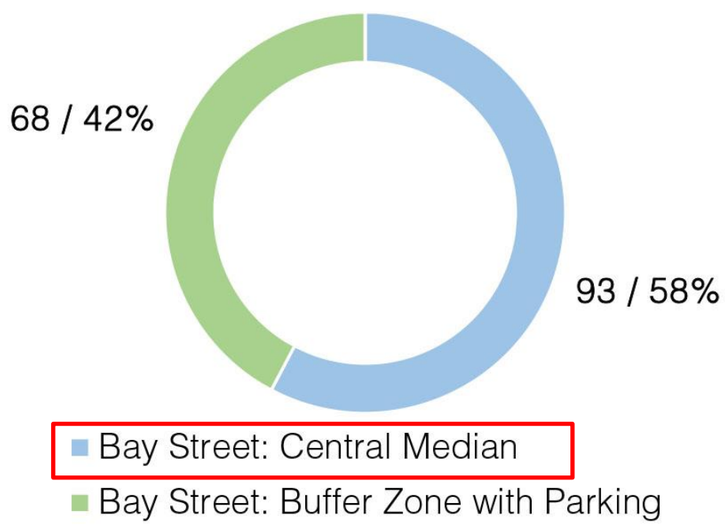
BLENDED CONCEPT

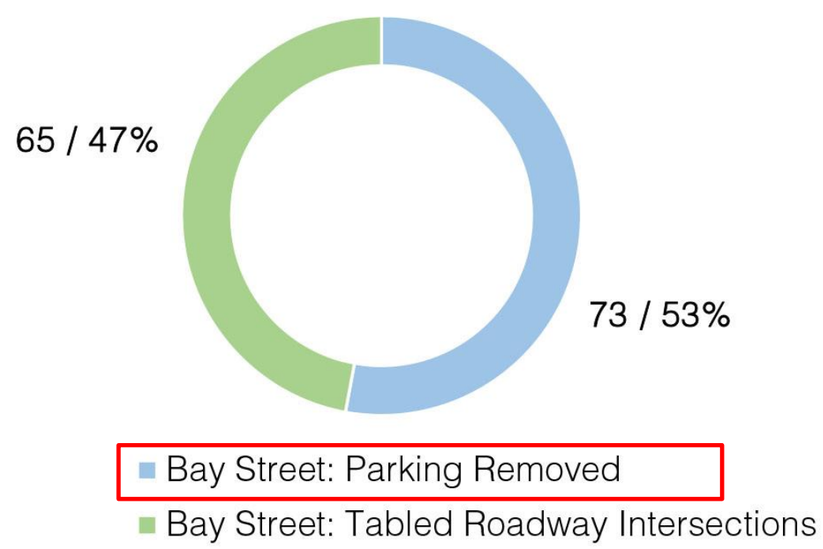
What elements do you prefer?...

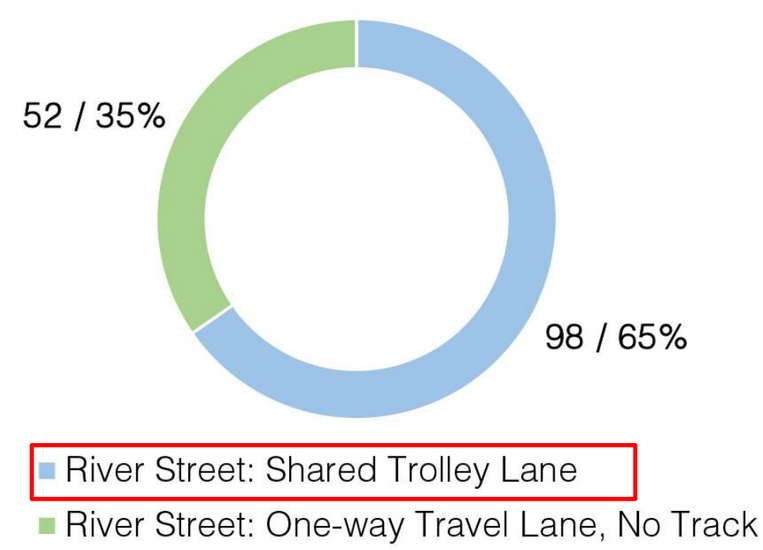












BLENDED CONCEPT

GUIDING PRINCIPLES

1. Enhance **quality of life** for Savannah Residents while continuing to exceed guest expectations.
2. Create design cohesion by merging Savannah's **Coastal** prominence and **Historical** significance.
3. Provide a safe, **walkable** public realm that enriches the healthy lifestyle of the community.
4. Prioritize **people**! Provide places for Savannah to mingle and enjoy the City.
5. Introduce sustainable design alternatives that promote a **healthier environment**.
6. Celebrate Savannah's **natural** and **timeless** beauty.
7. Preserve the **history** and **tradition** of Savannah while embracing the future.

CONCEPT DEVELOPMENT

PLANTING

Aztec Grass

Liriope

Hydrangea

Hightower Willow Oak

Azalea

Black Gum

PLANTING

Agapanthus

Bosque Elm

Highbeam Overcup Oak

Indian Hawthorne

Sago Palm

PLANTING

Sabal Palmetto

Cardboard Palm

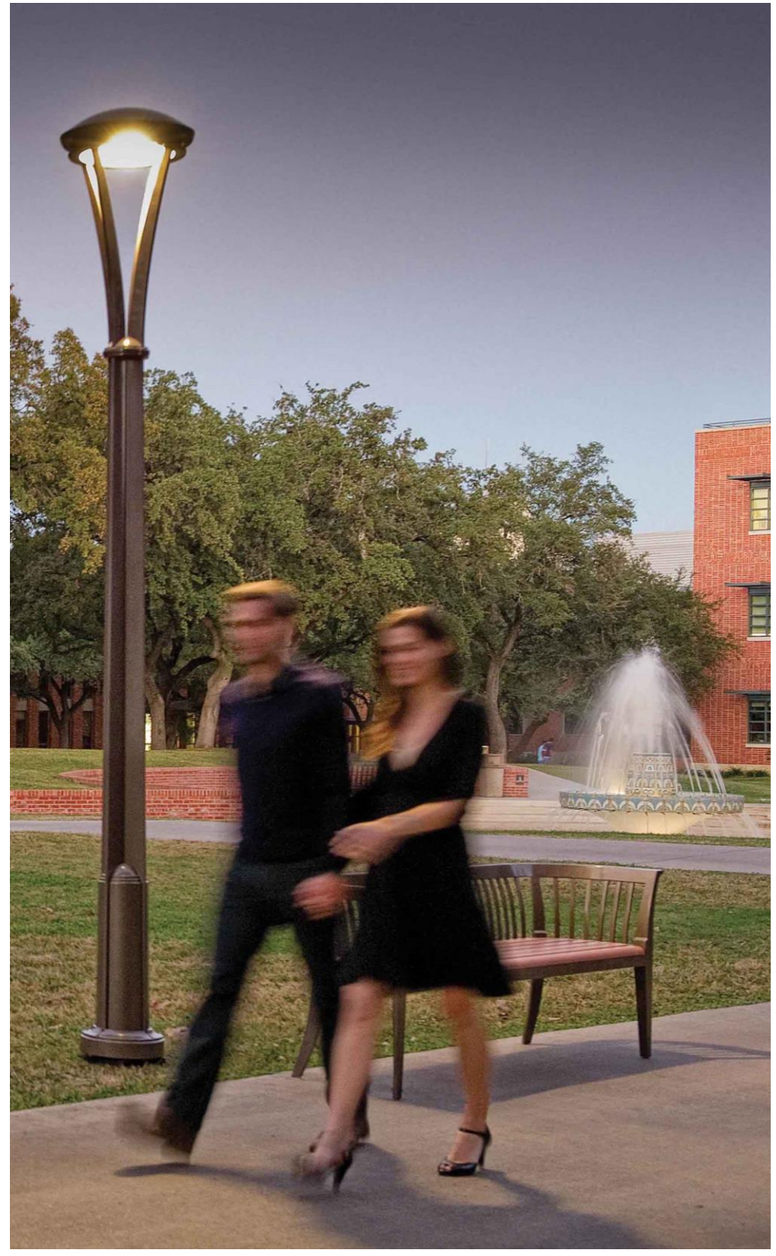
Mexican Feather Grass

Saw Palmetto

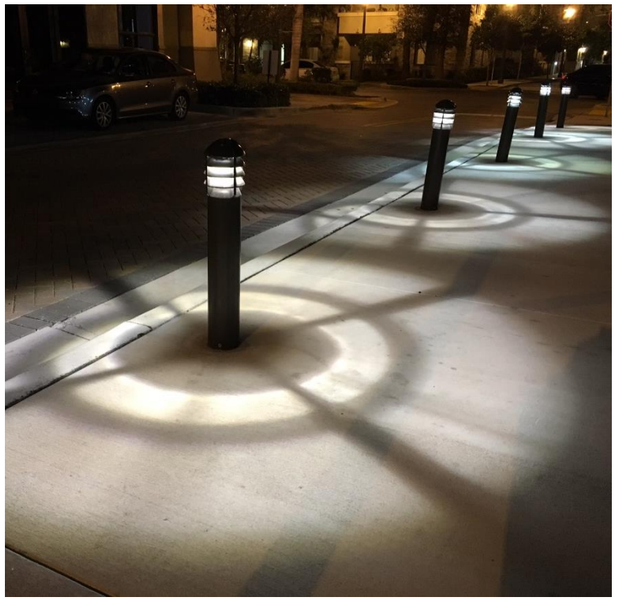
Live Oak

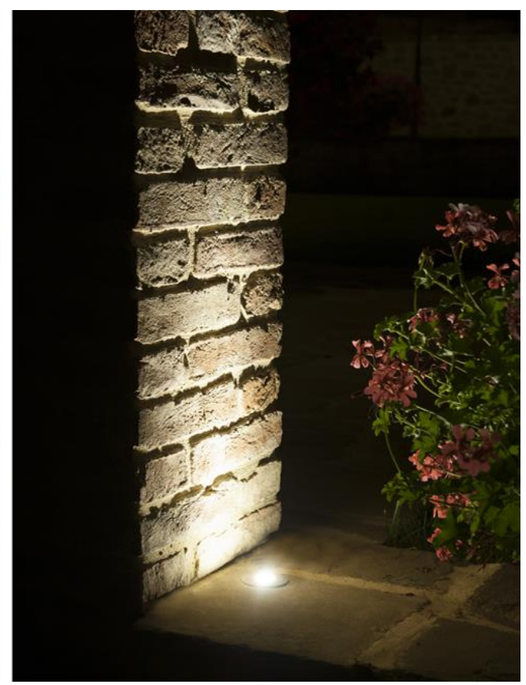
LIGHTING

LIGHTING



LIGHTING





HARDSCAPE

HARDSCAPE

the MAMBO

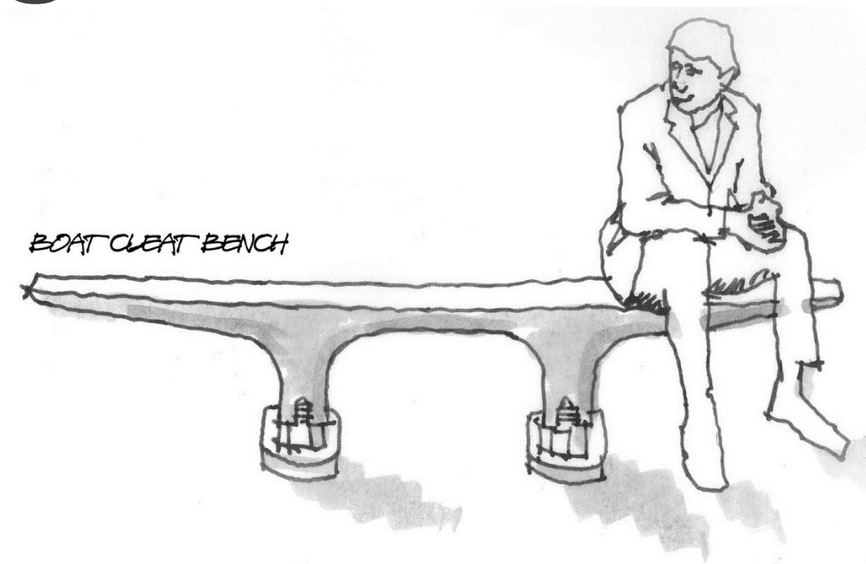
BROAD

KERR
O'NEILL
AMBASSADOR
CIRCLE
IN THE SQUARE
GERSHWIN
SIMON
BROADWAY
AUGUST
WILSON

CANAL STREET

At the start . . .
t long last . . .

AMENITIES / SITE FURNISHINGS



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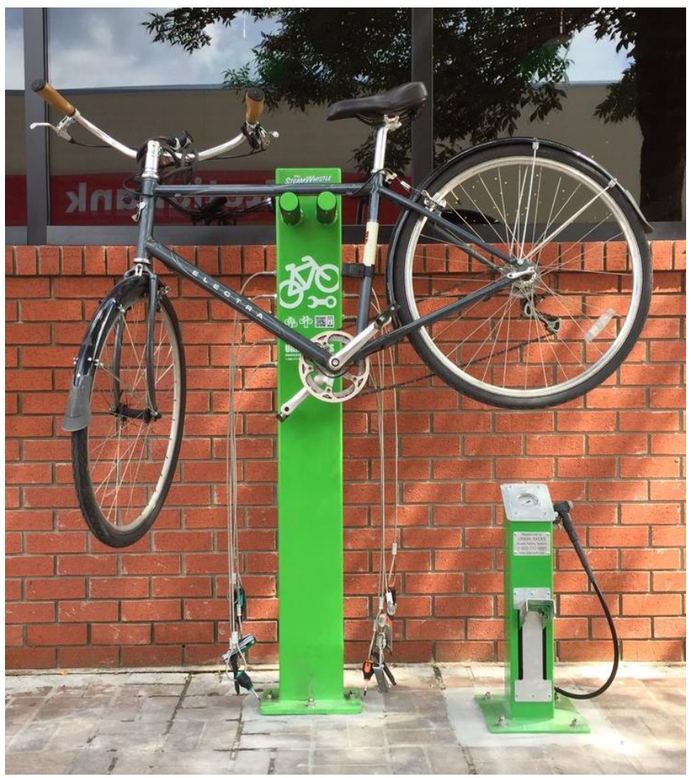
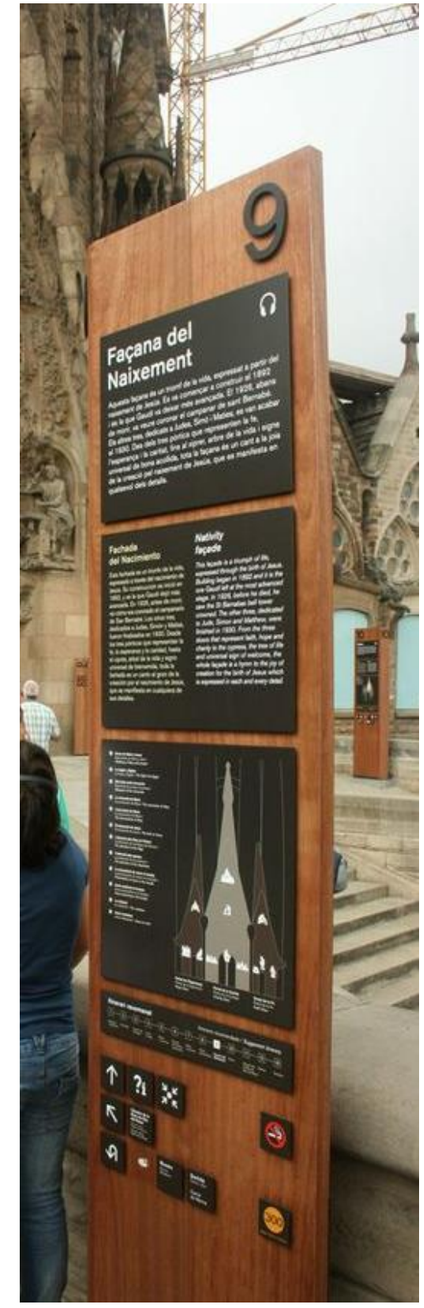


HISTORIC / CIVIL RIGHT MARKERS



STORMWATER DESIGN

Savannah Downtown Streetscapes

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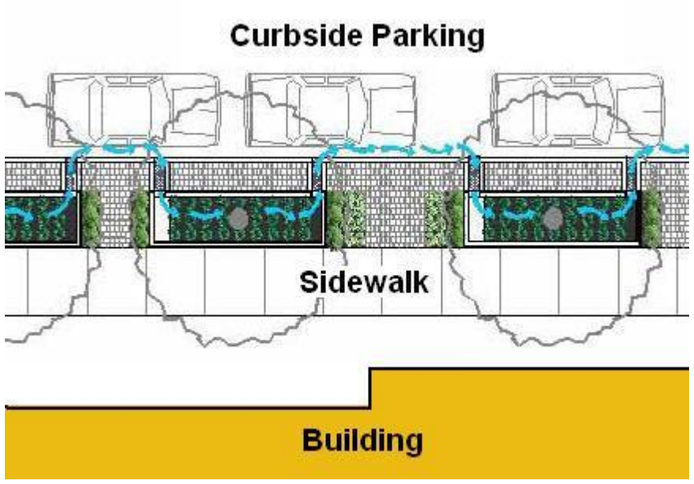
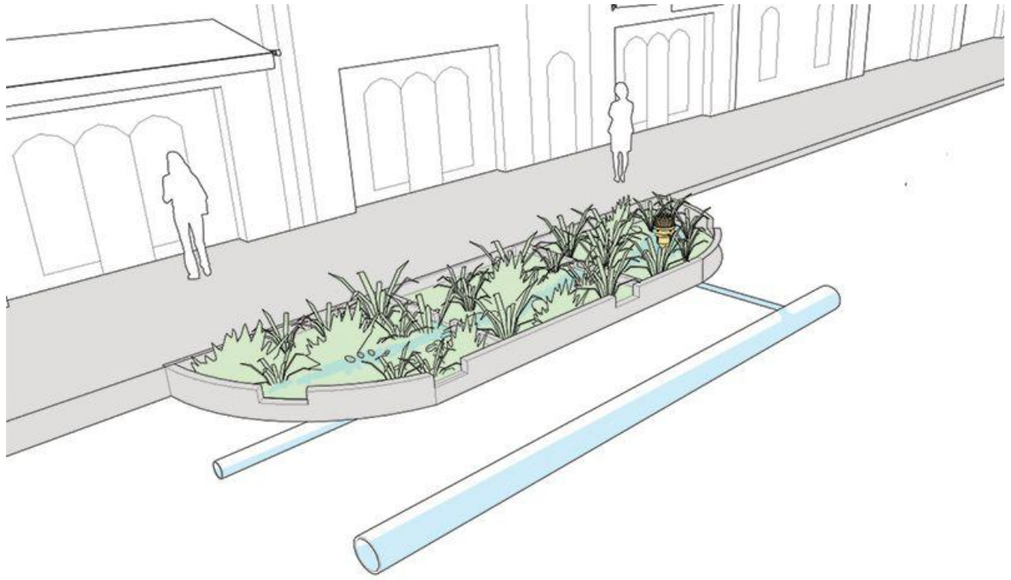
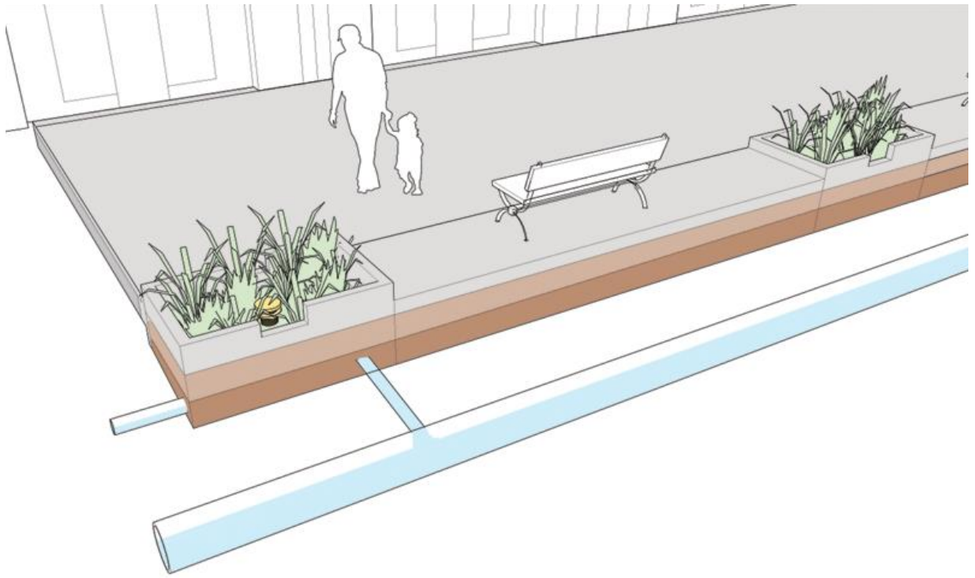
GREEN INFRASTRUCTURE GOALS

- Reduce Burden on Existing Stormwater Infrastructure
- Provide Water Quality at Source of Contamination, Improving Downstream Conditions
- Eliminate Conventional Inlet/Pipe Conveyance Method
- Better Mimic Natural Precipitation Cycle Through Infiltration
- Blend with Streetscape Improvements for Cohesive Design



GREEN INFRASTRUCTURE ELEMENTS





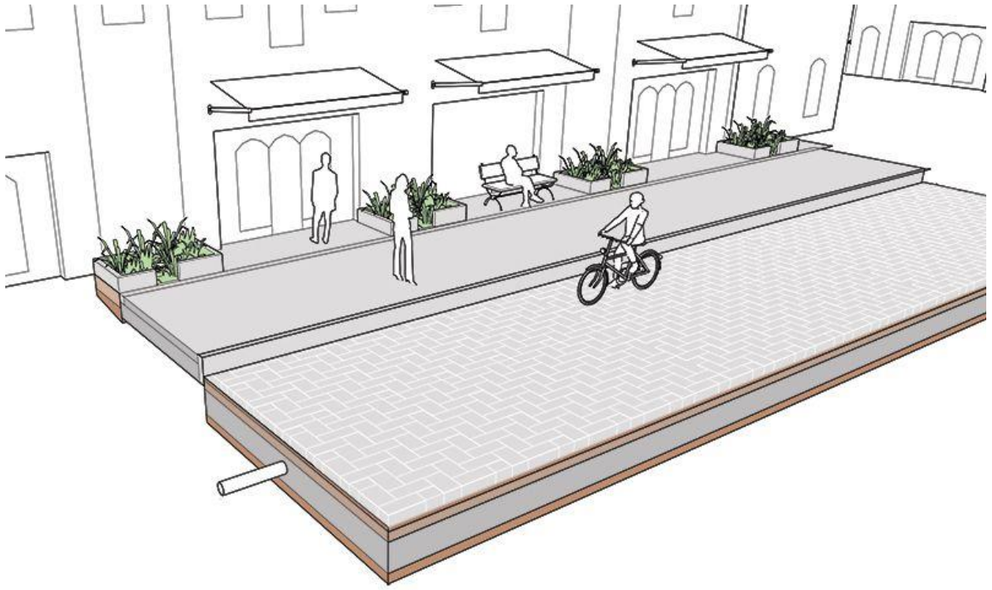
Bioswales

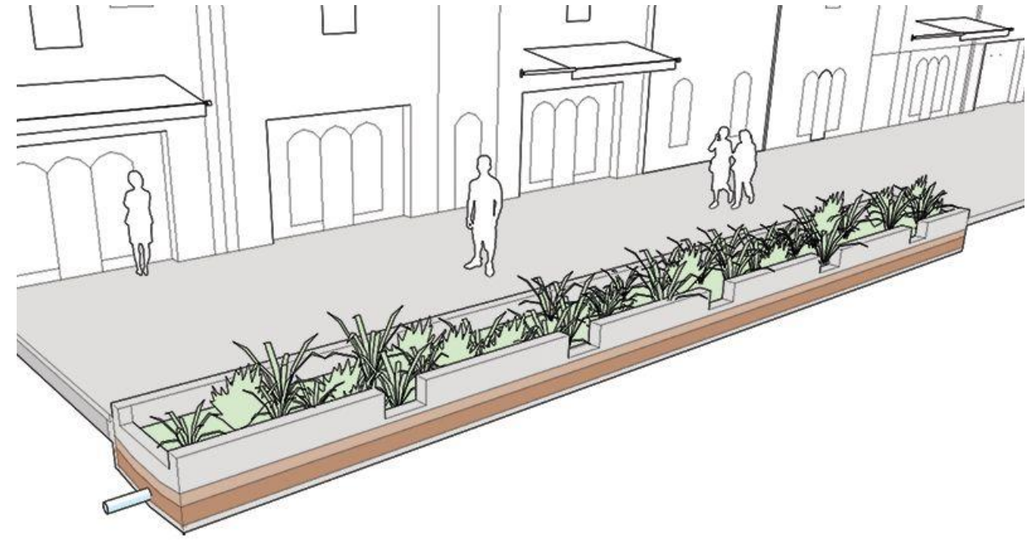
- Urban Water Quality Measure
- Replaces Conventional Inlet/Pipe Intake
- Mimics Natural Cycle through Infiltration
- Overflow Inlet Provided for High Intensity Storms

Flow Through Planters

- Used in Areas with Poor Infiltration
- Smaller Footprint than Bioswale
- Designed to Drain Within 24 Hours
- More Structured Appearance Allows for Flexibility in Placement

GREEN INFRASTRUCTURE ELEMENTS





Pervious Pavement

- Reduces Impervious Footprint
- Allows for Infiltration to Subsoil – Mimics Natural Cycle
- Ideal for Parking Areas
- Underdrain Provides for Overflow of Higher Intensity Storms

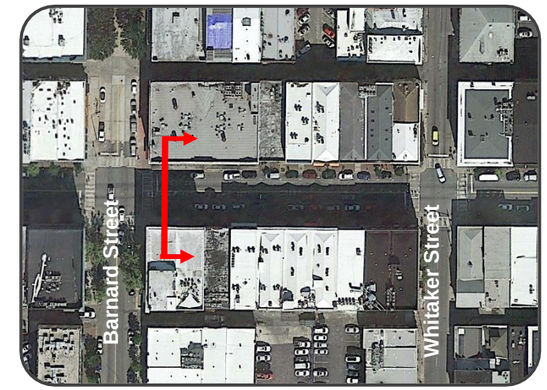
Pervious Strips

- Requires Long, Continuous Space
- Minimum Width Required
- Flexibility to Integrate with Streetscape
- Efficient with Maximum 2% Longitudinal Slope
- Weir Walls Required if Slopes Exceed 2%

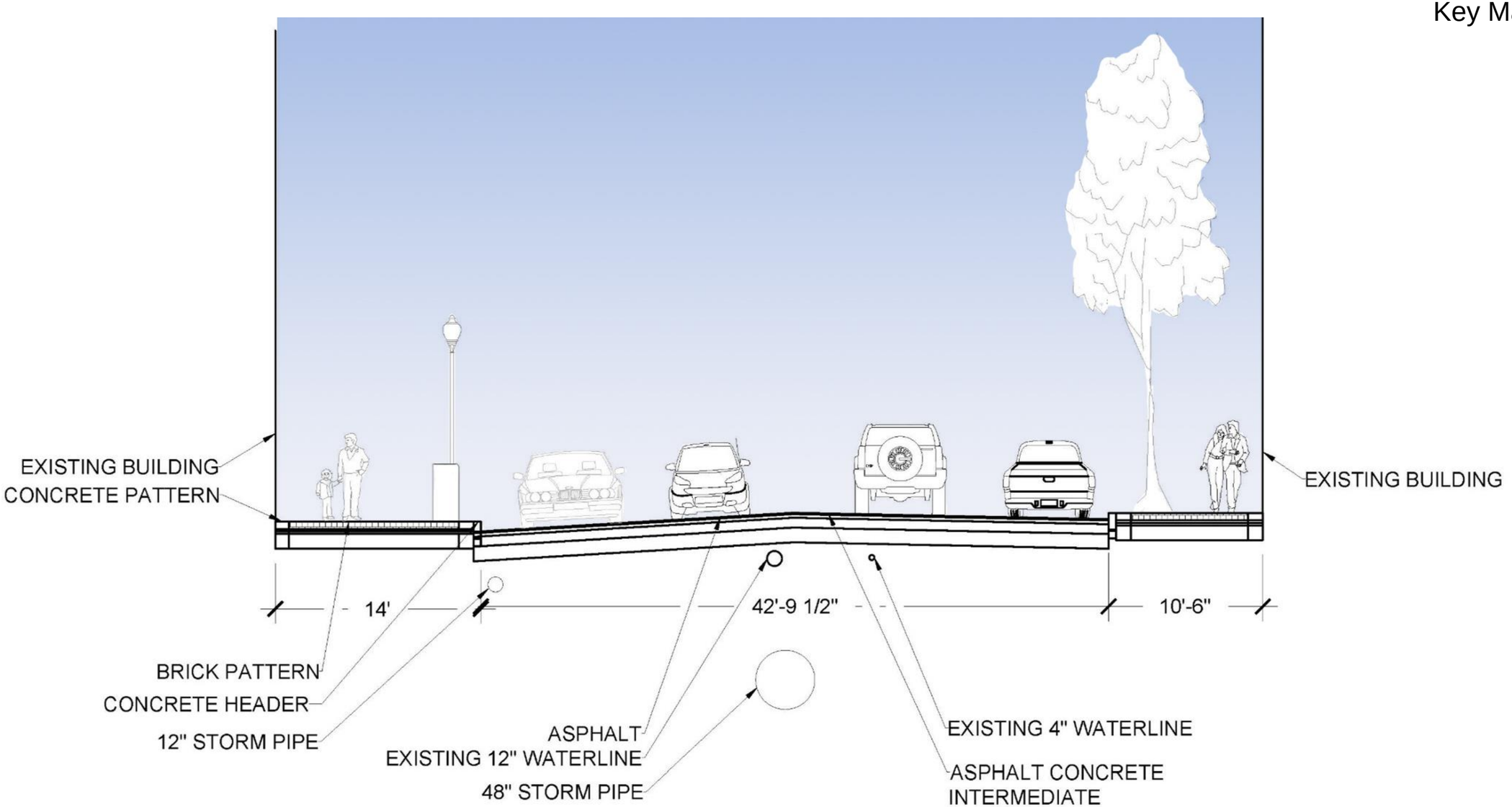
BROUGHTON STREET DESIGN

BROUGHTON ST.

Existing Conditions - Street Section 1

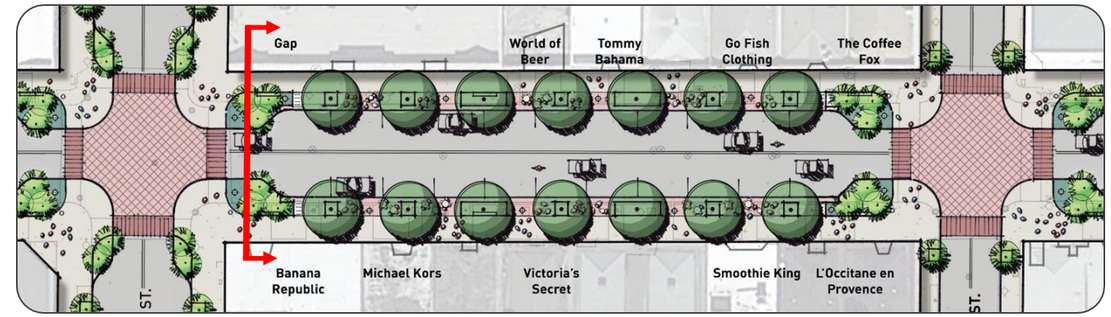


Key Map



BROUGHTON ST.

Illustrative Section



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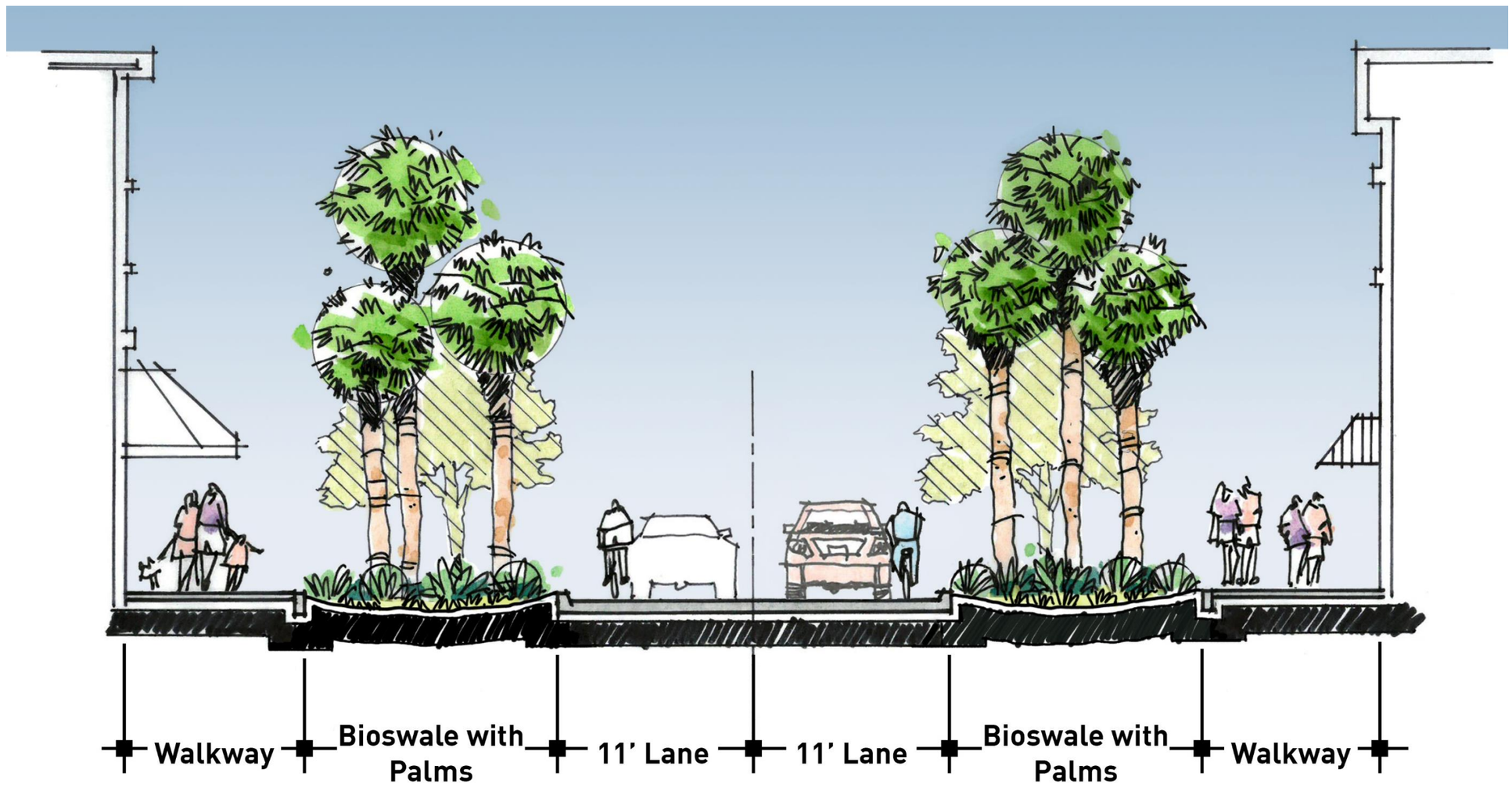
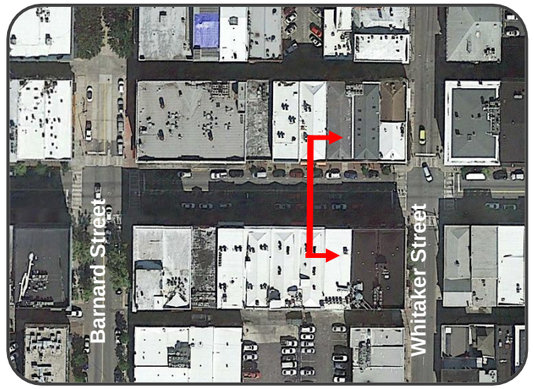
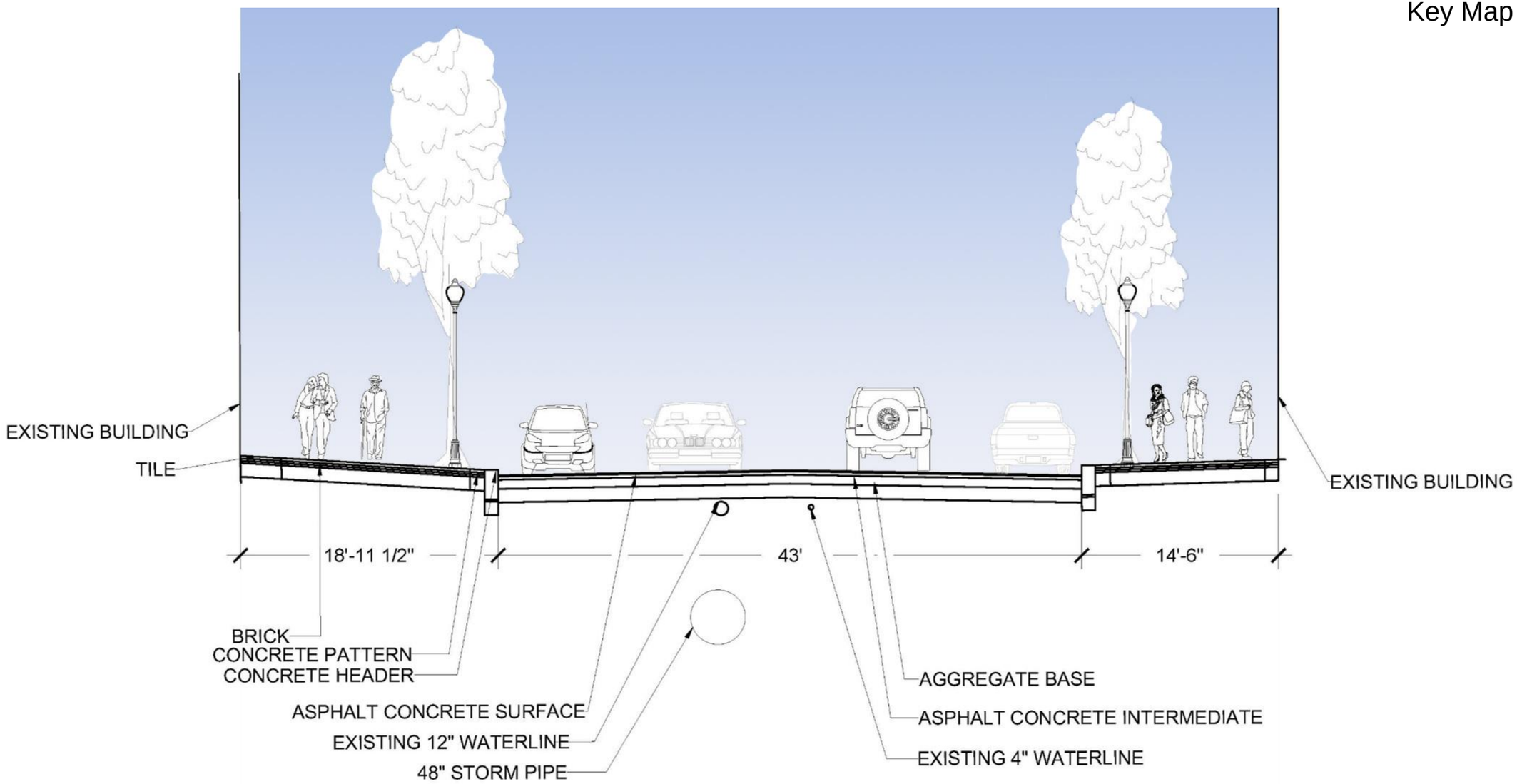


BROUGHTON ST.

Existing Conditions - Street Section 2

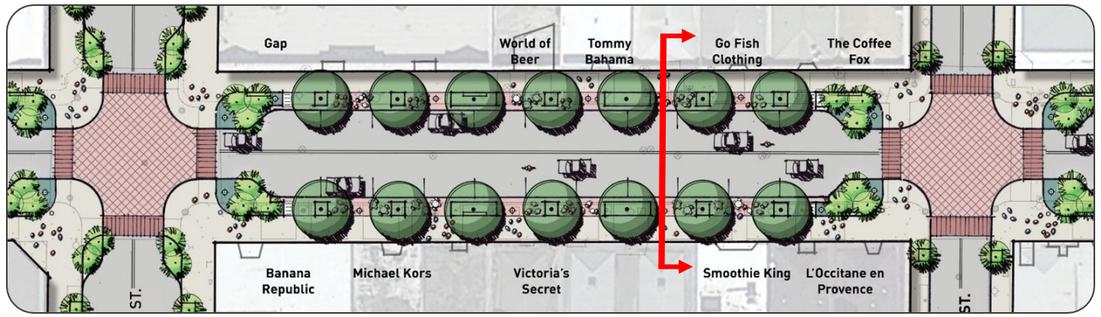


Key Map



BROUGHTON ST.

Illustrative Section



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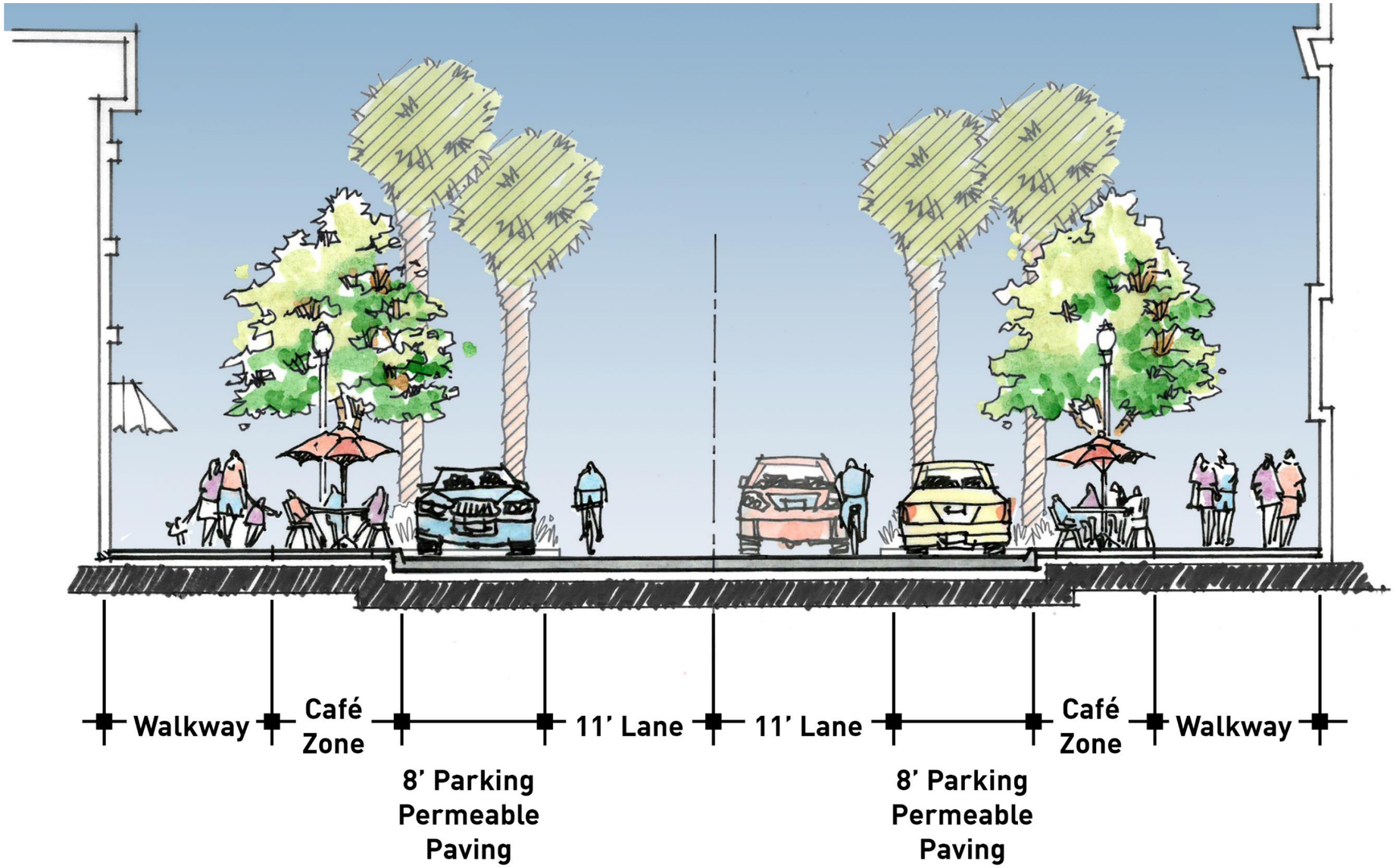


EDSA

SITE AERIAL

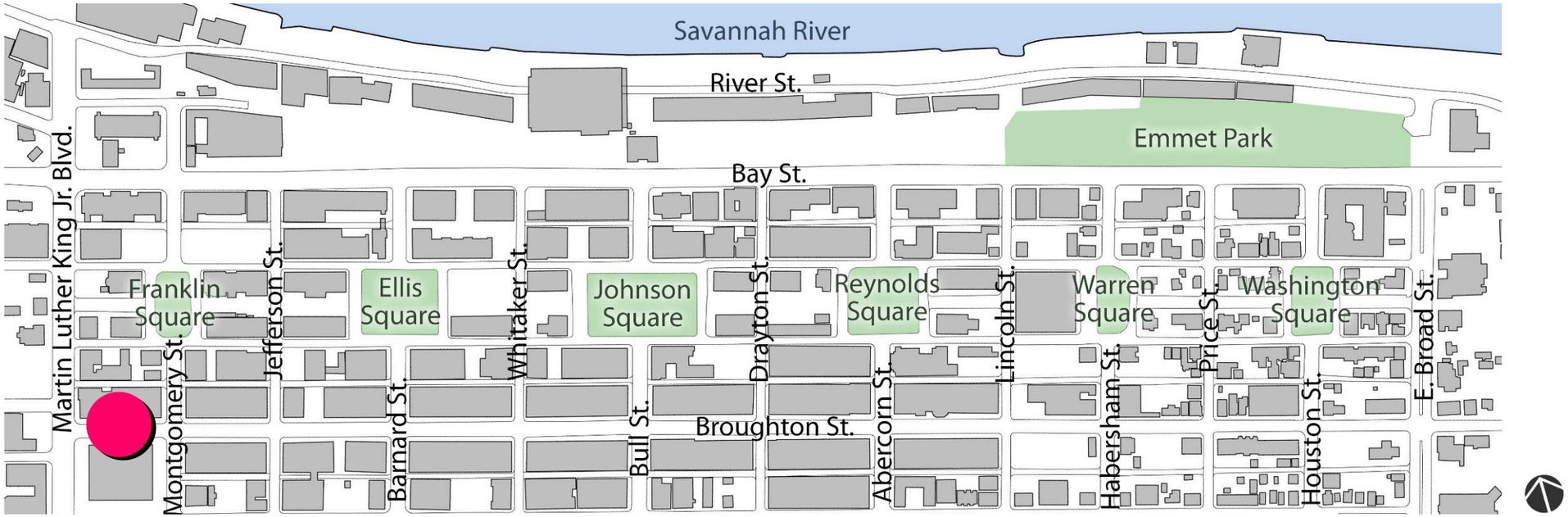
EDSA

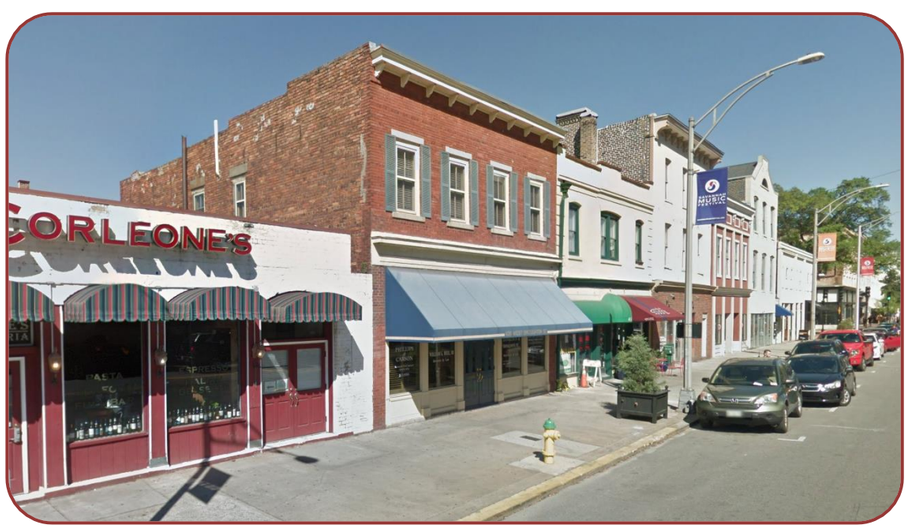
BLENDED CONCEPT

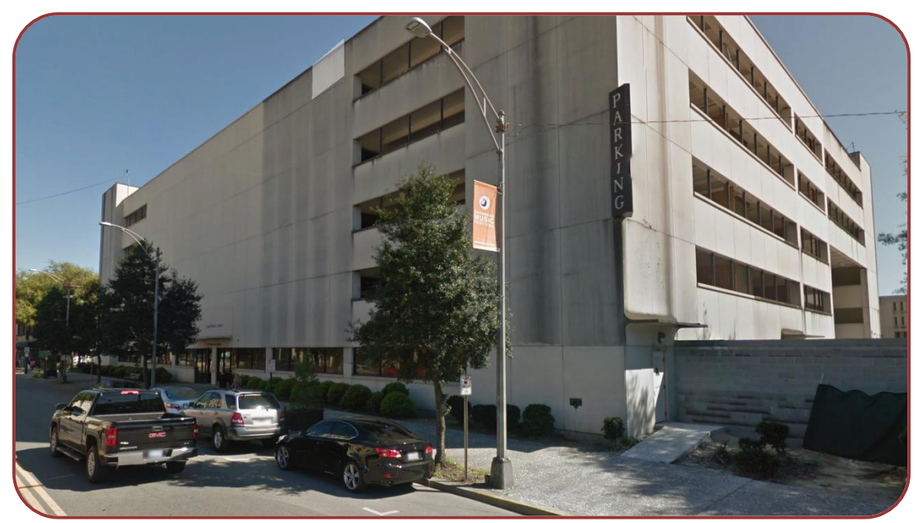
EDSA

BROUGHTON ST.

Martin Luther King Jr. Blvd. / Montgomery St.







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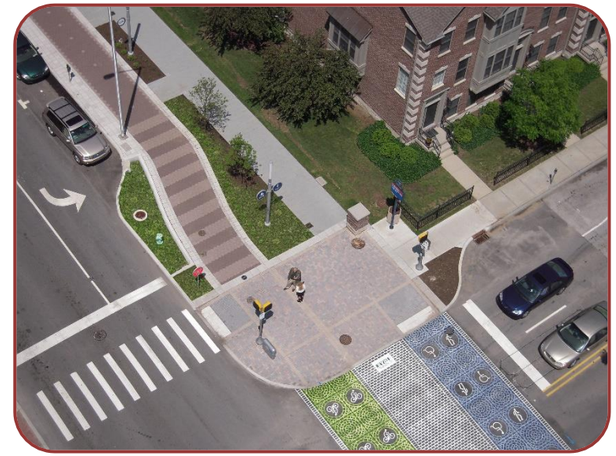
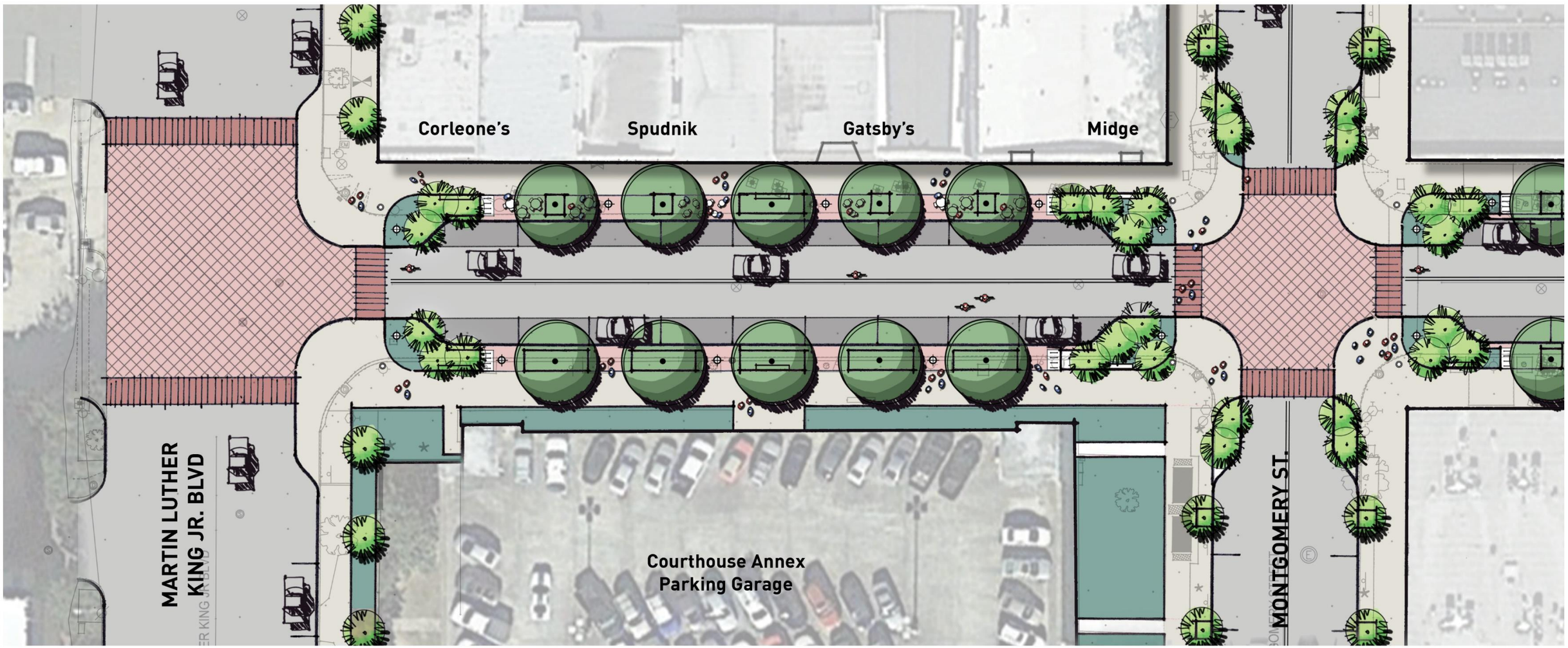
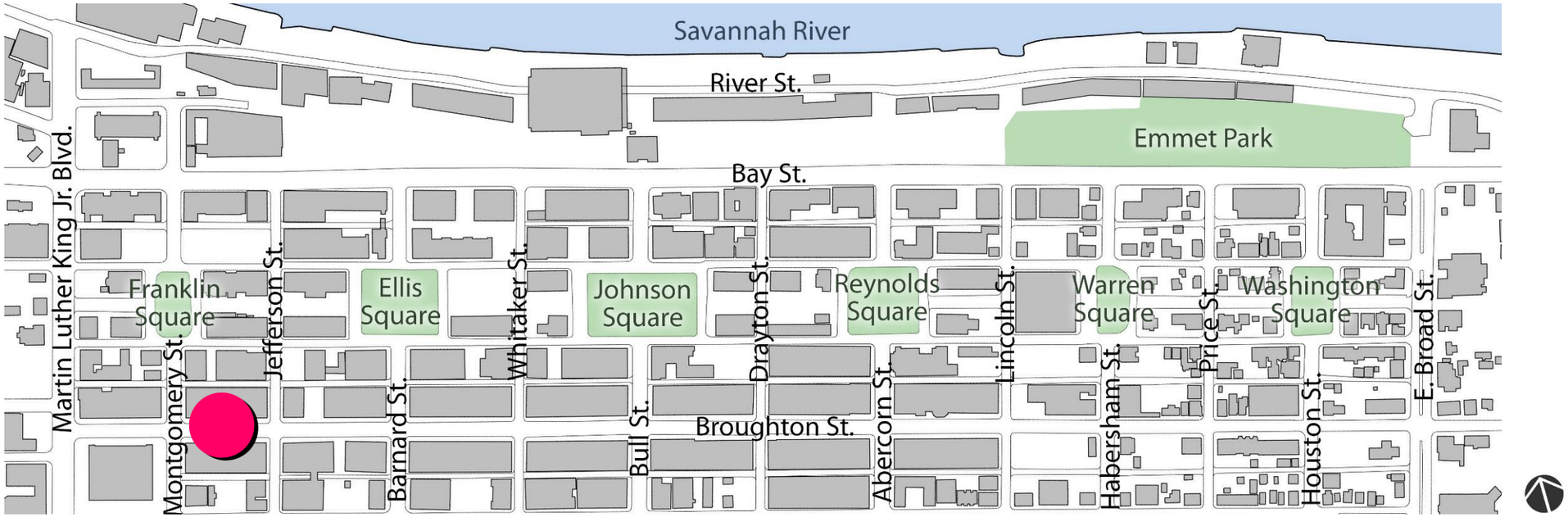




BROUGHTON ST.

Montgomery St. / Jefferson St.



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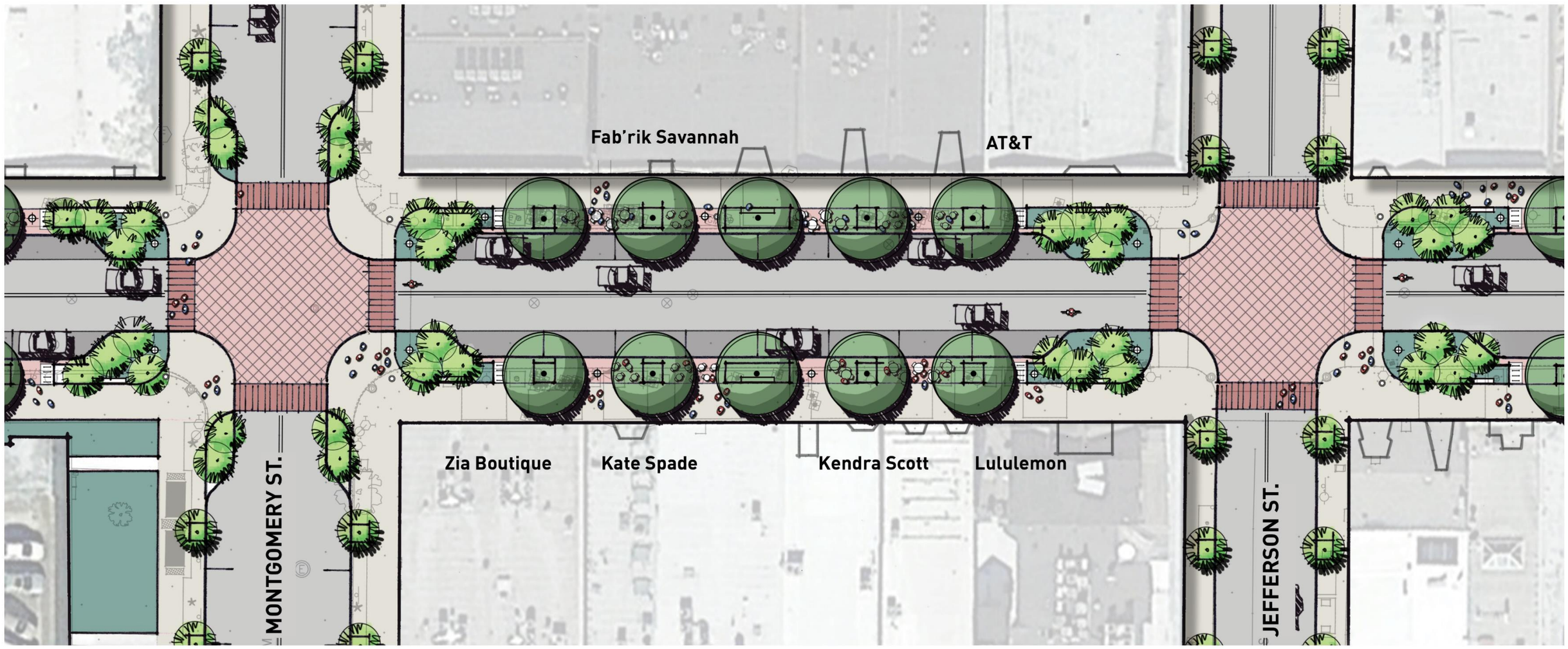
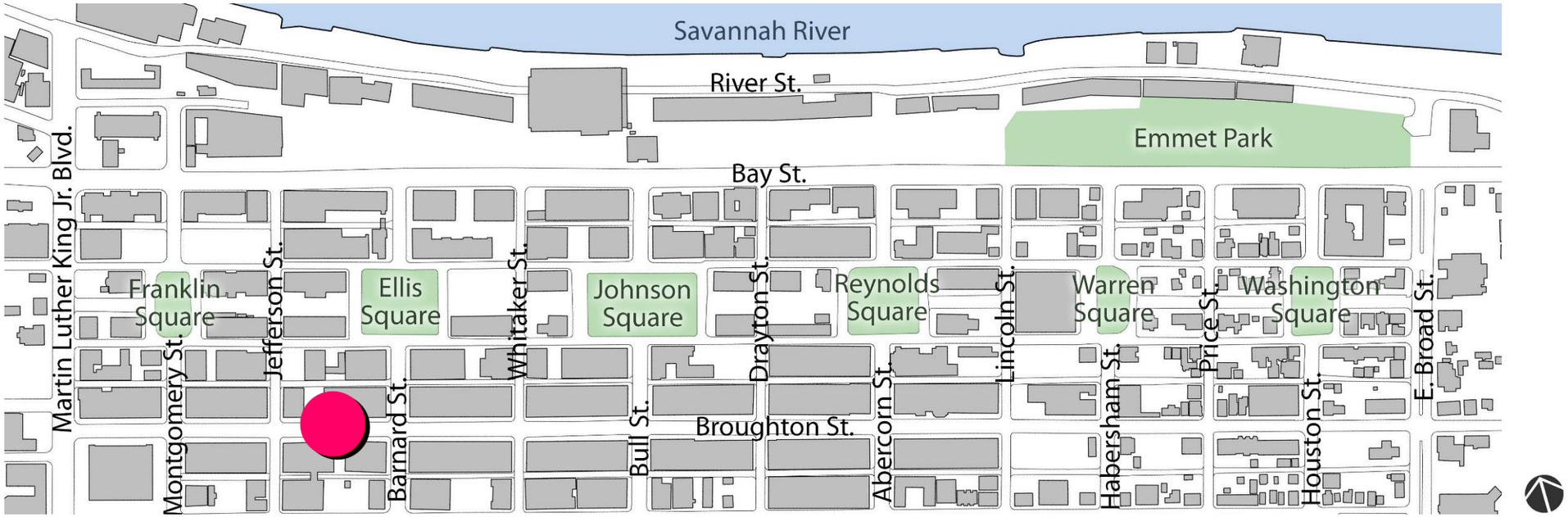


BROUGHTON ST.

Jefferson St. / Barnard St.



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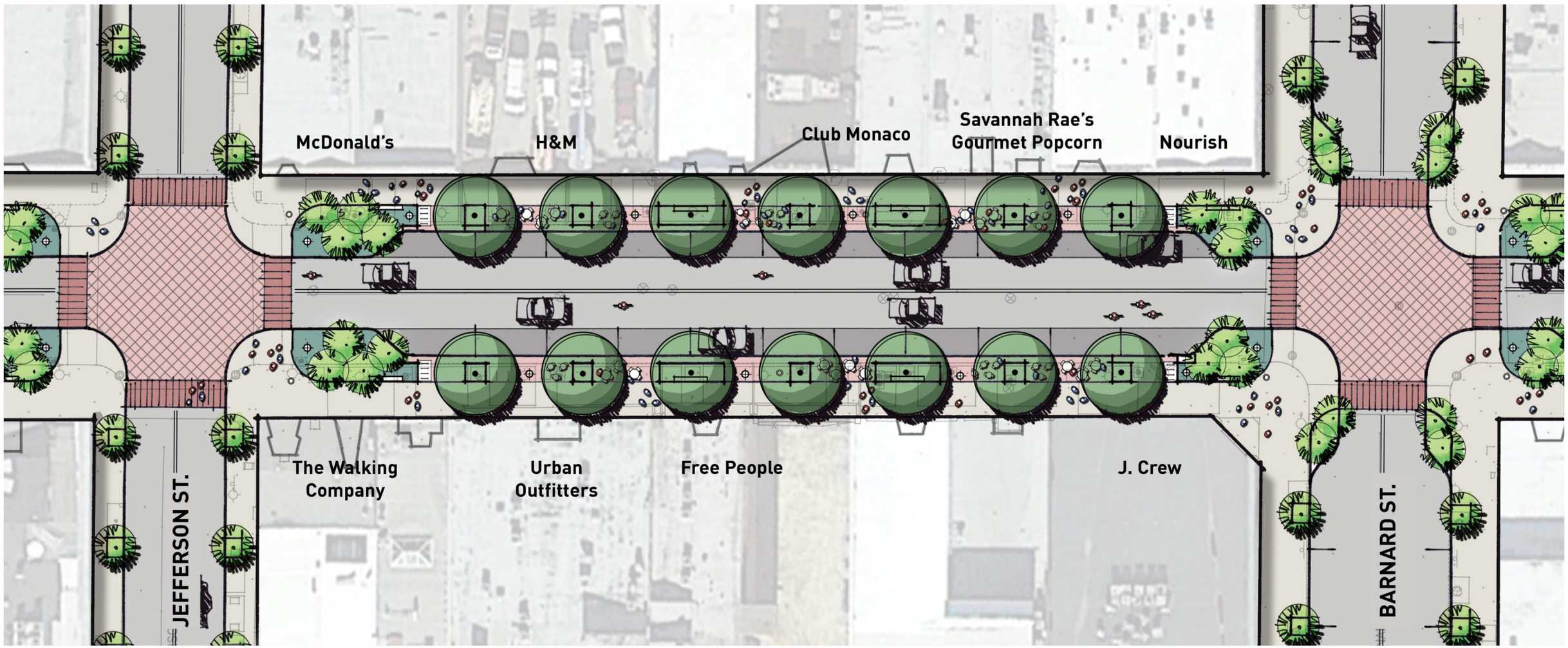
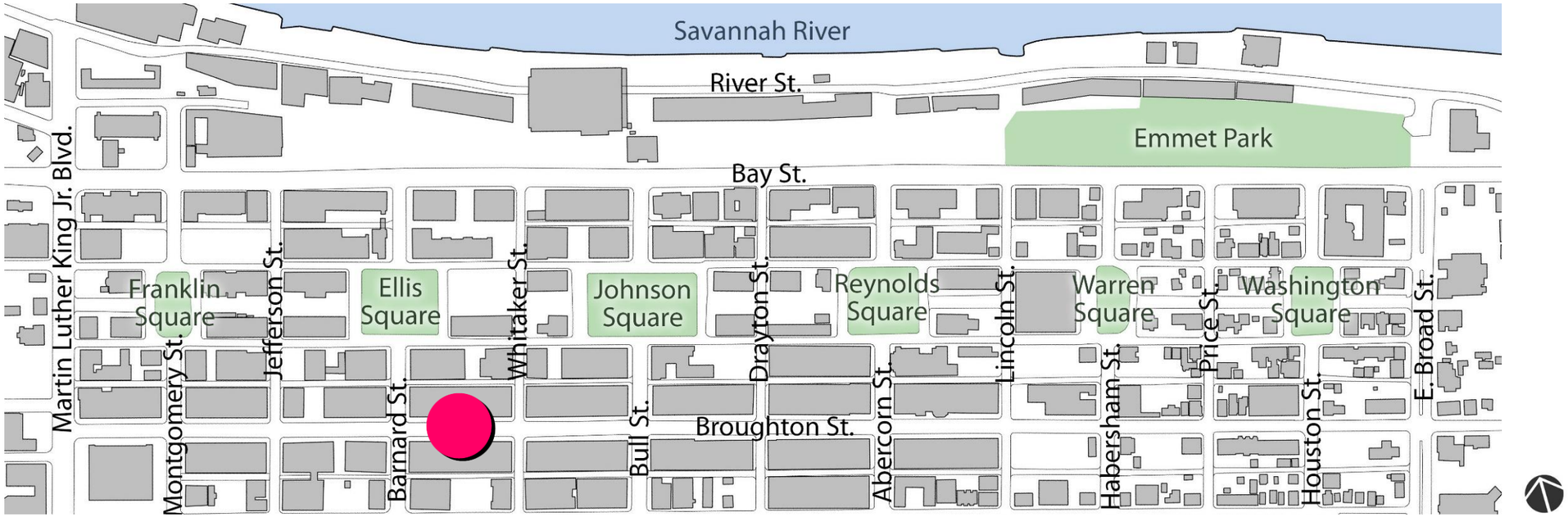
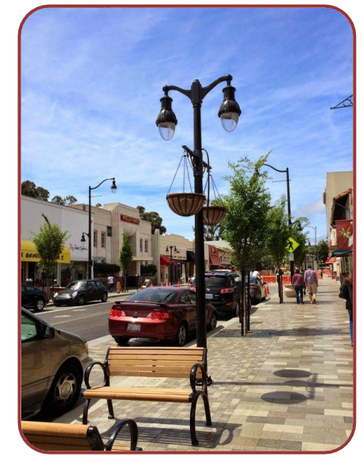


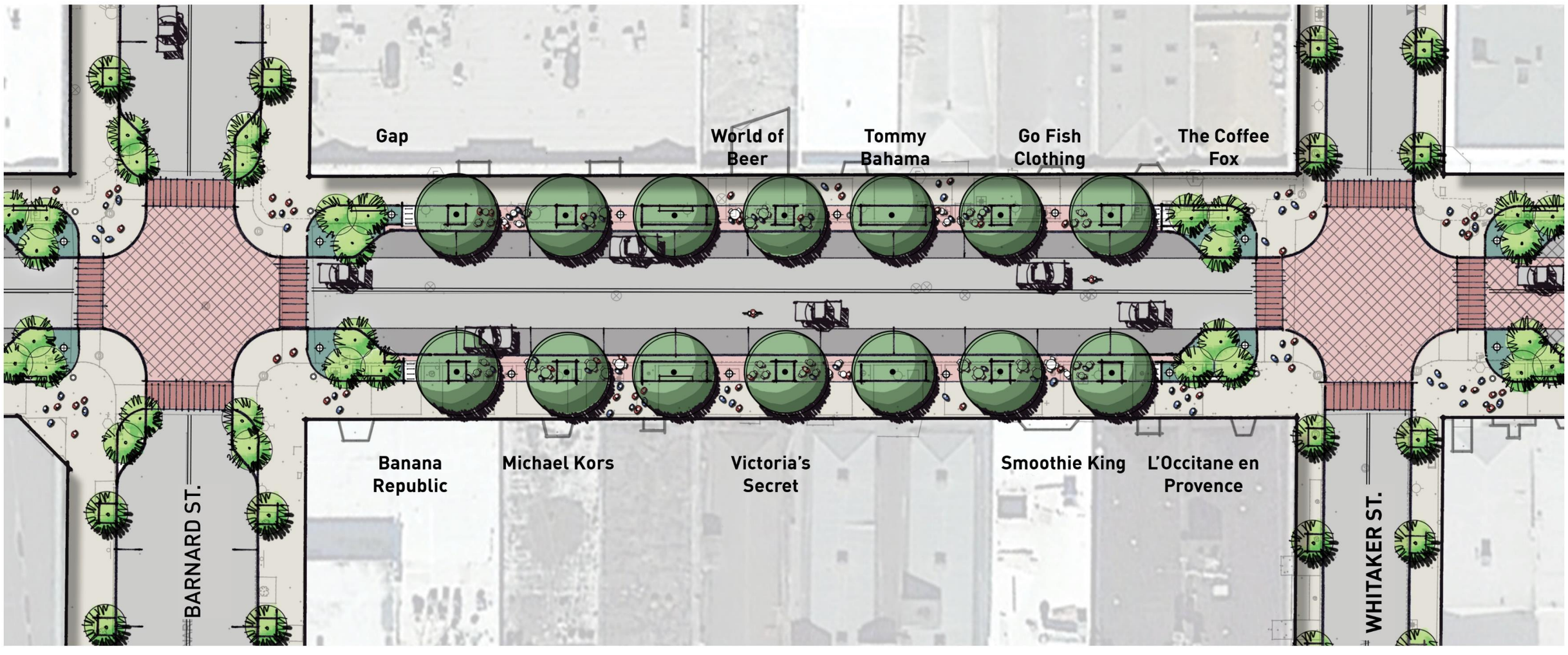
BROUGHTON ST.

Barnard St. / Whitaker St.



BROUGHTON ST.





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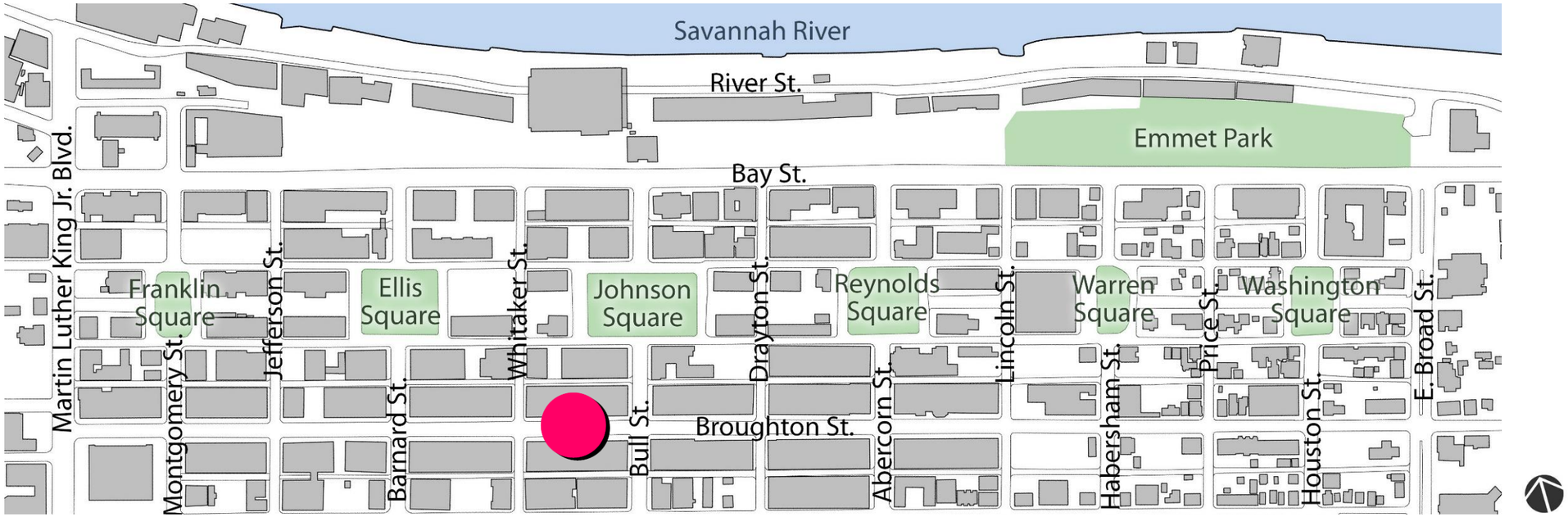
Whitaker St. / Bull St.



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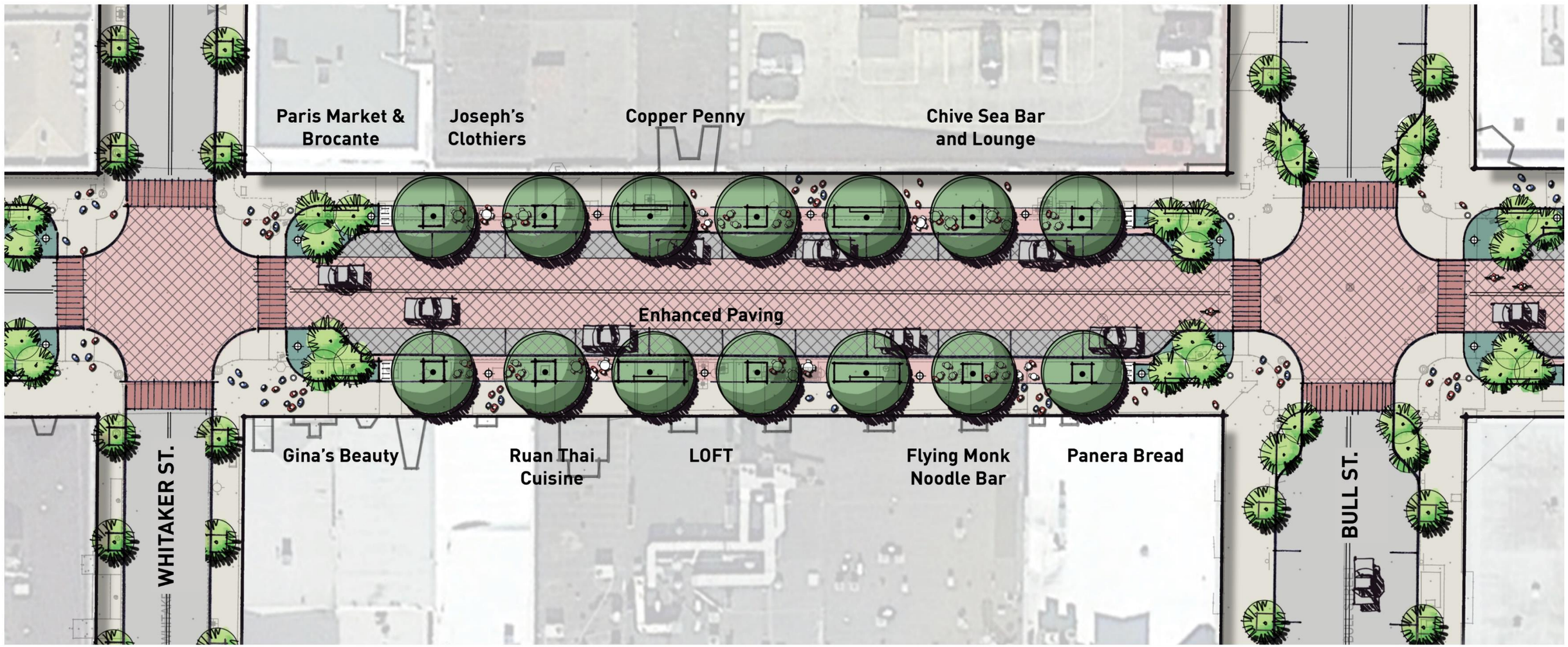

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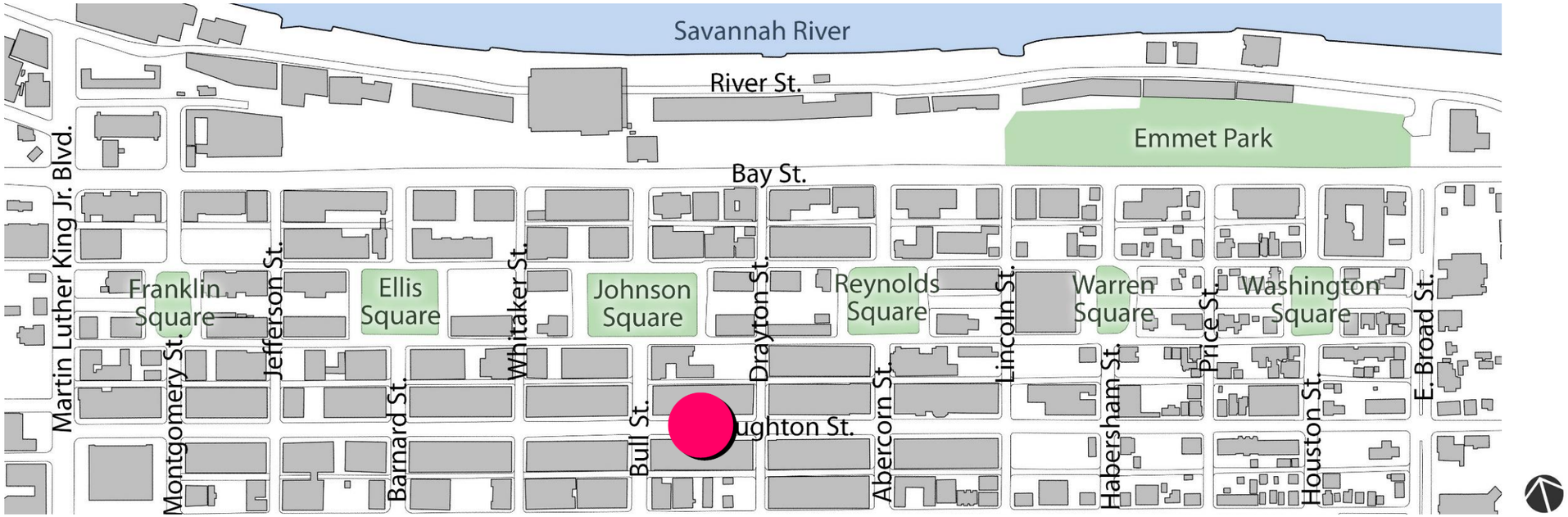
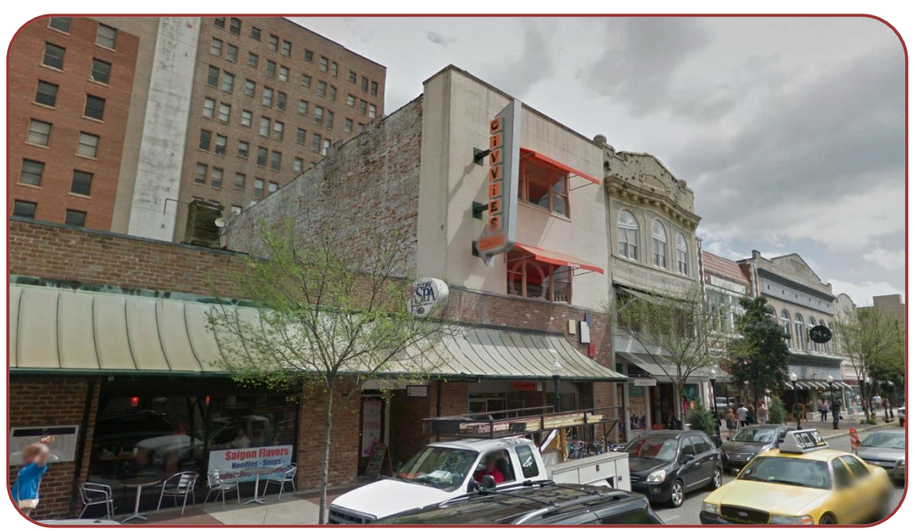
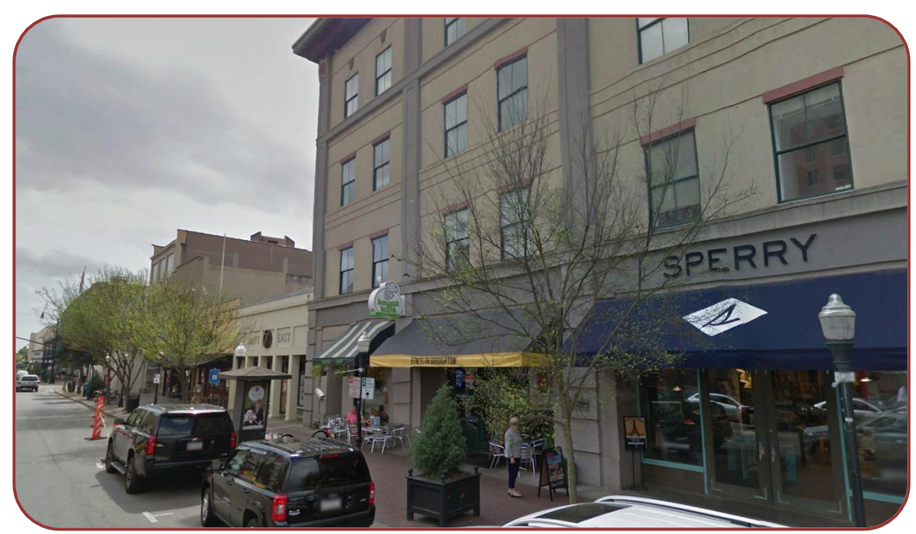
Bull St. / Drayton St.



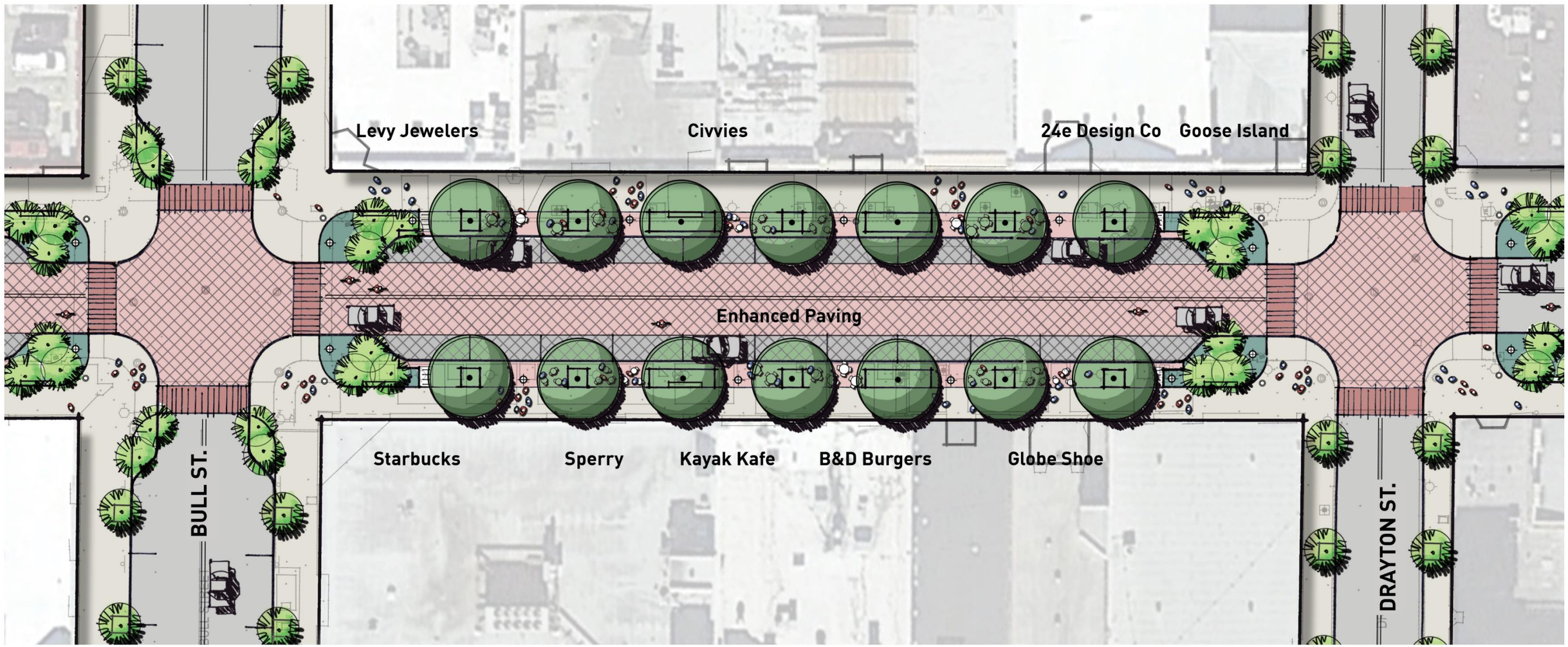




Savannah Downtown Streetscapes

EDSA

BROUGHTON ST.



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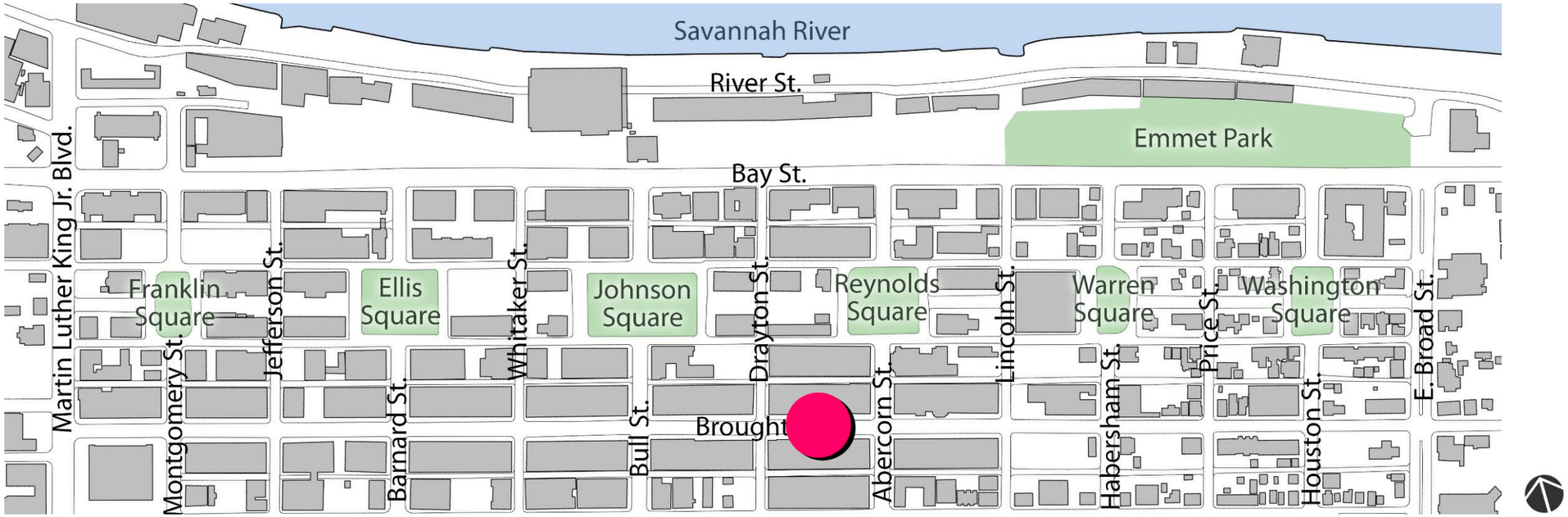
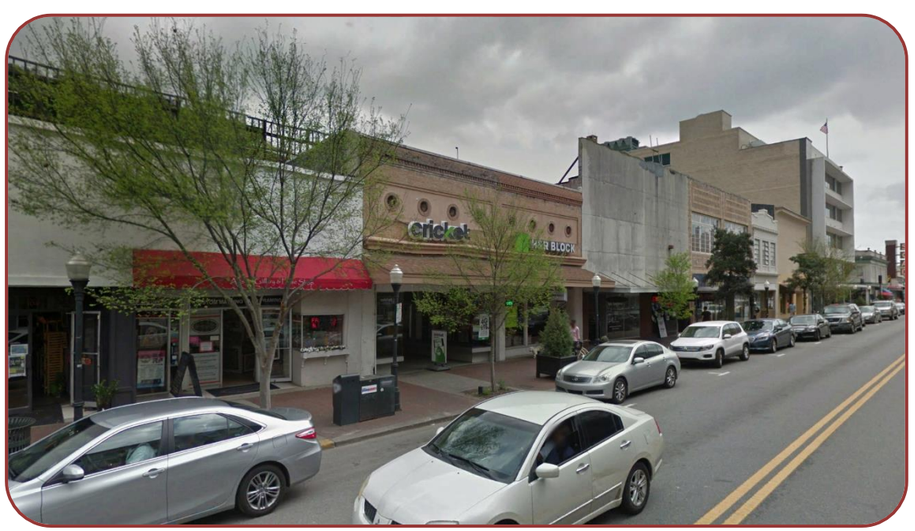
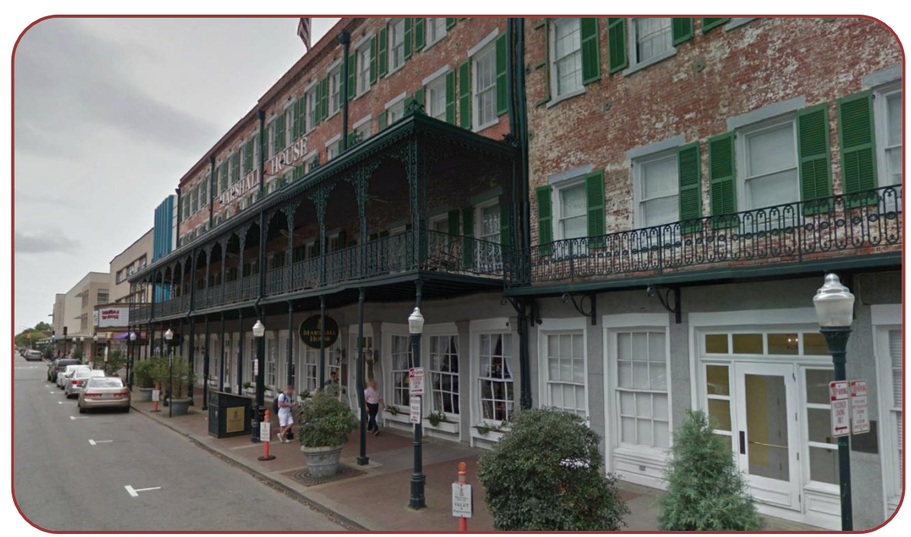
Drayton St. / Abercorn St.







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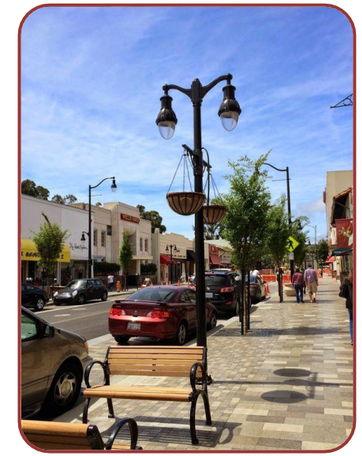
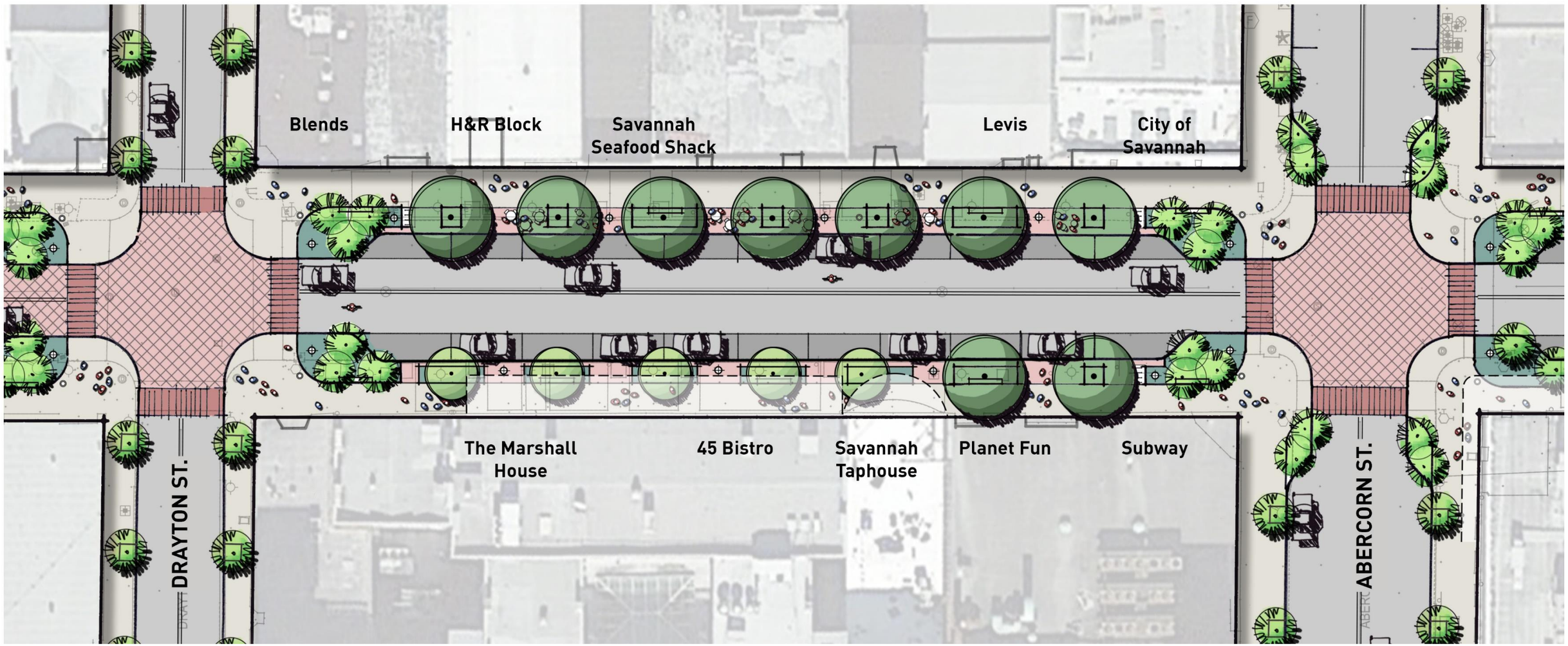
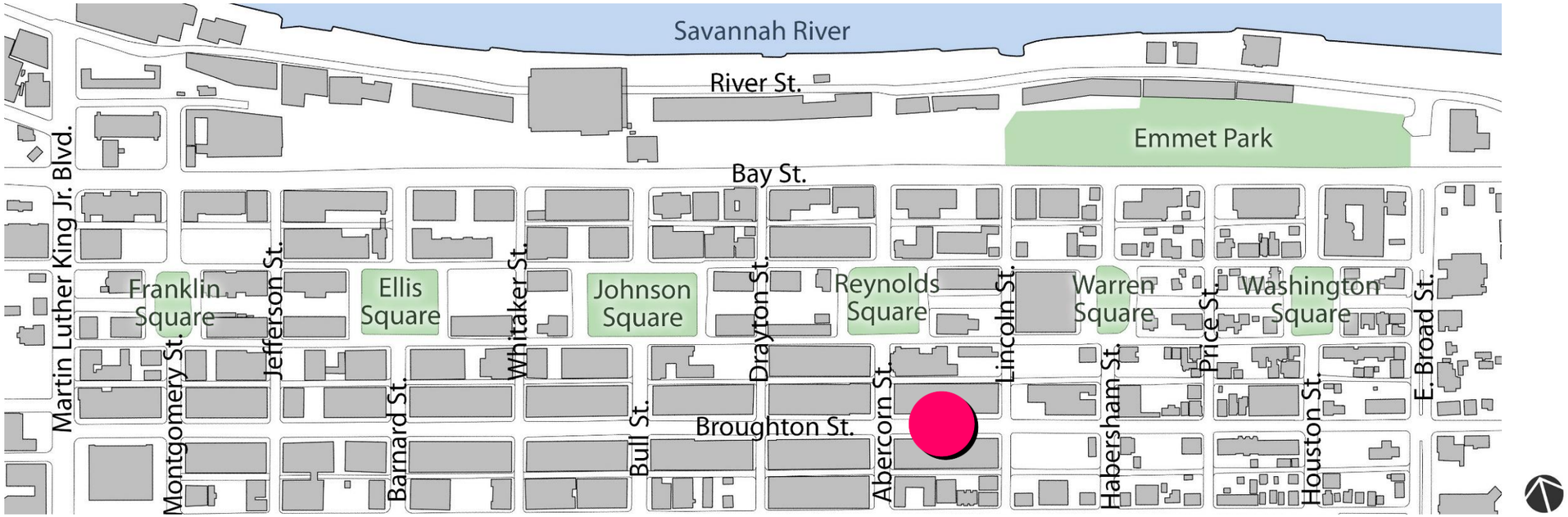


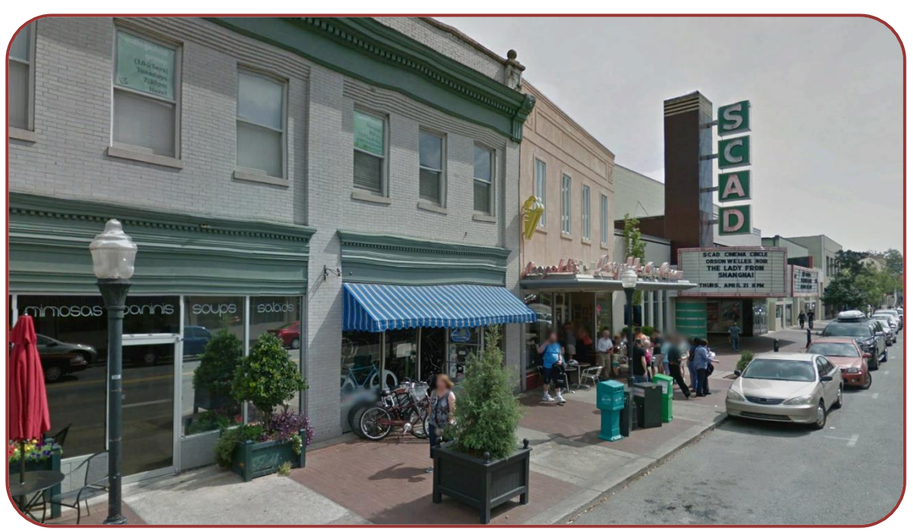


EDSA

BROUGHTON ST.

Abercorn St. / Lincoln St.





EDSA

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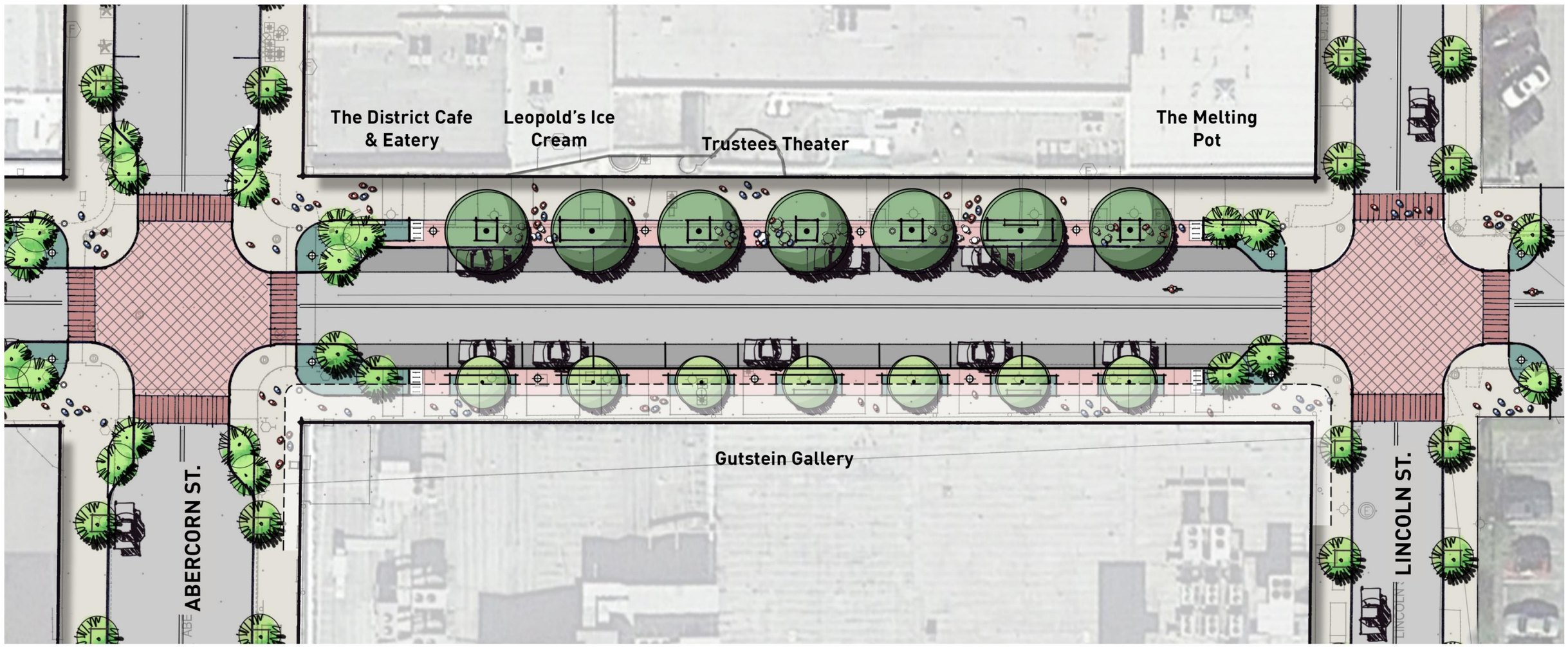
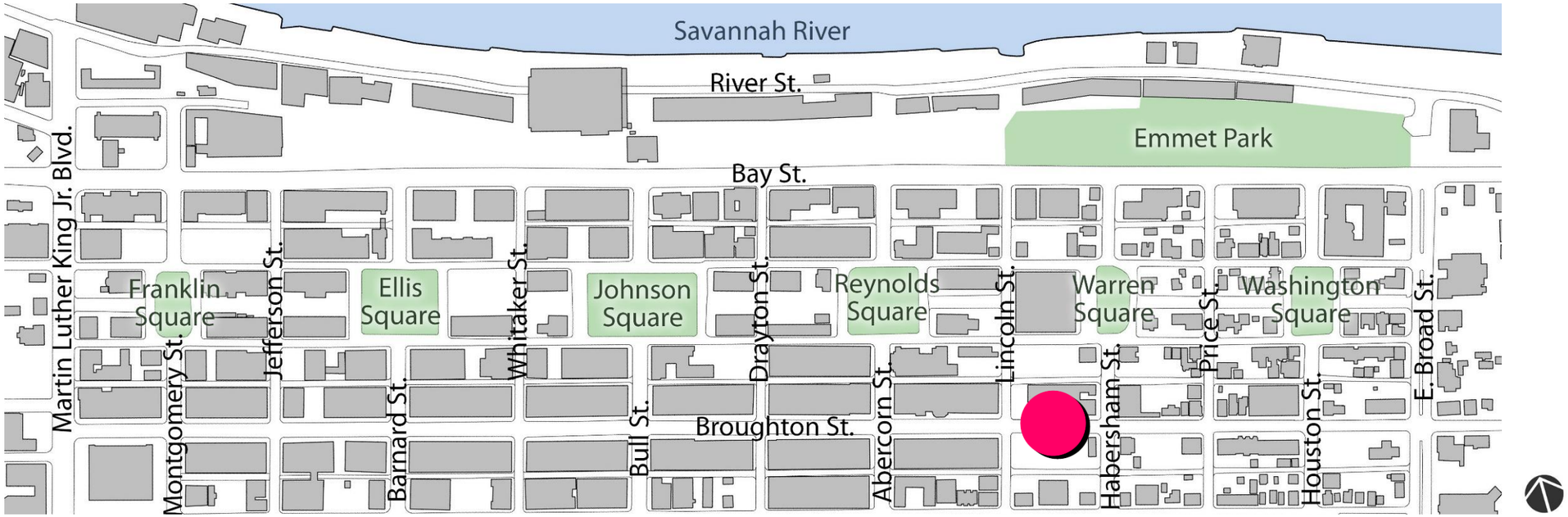
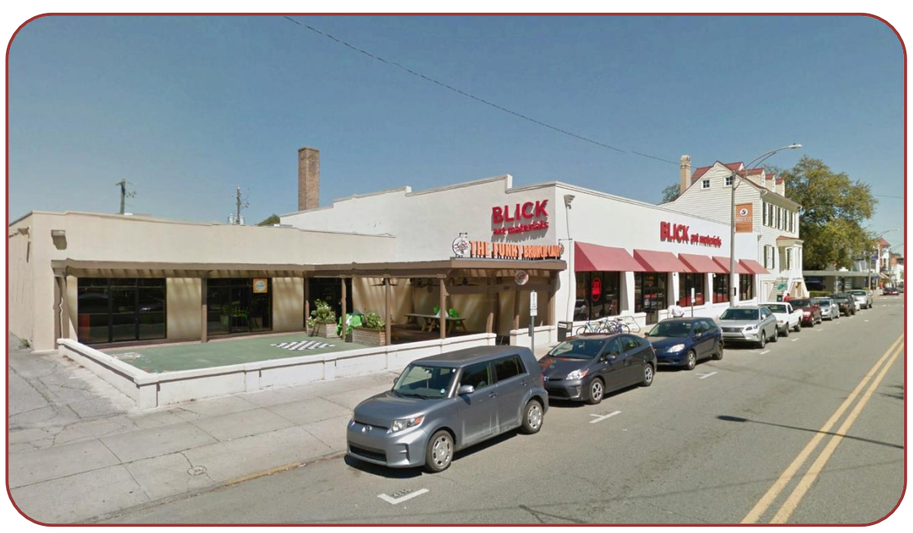


BROUGHTON ST.

Lincoln St. / Habersham St.





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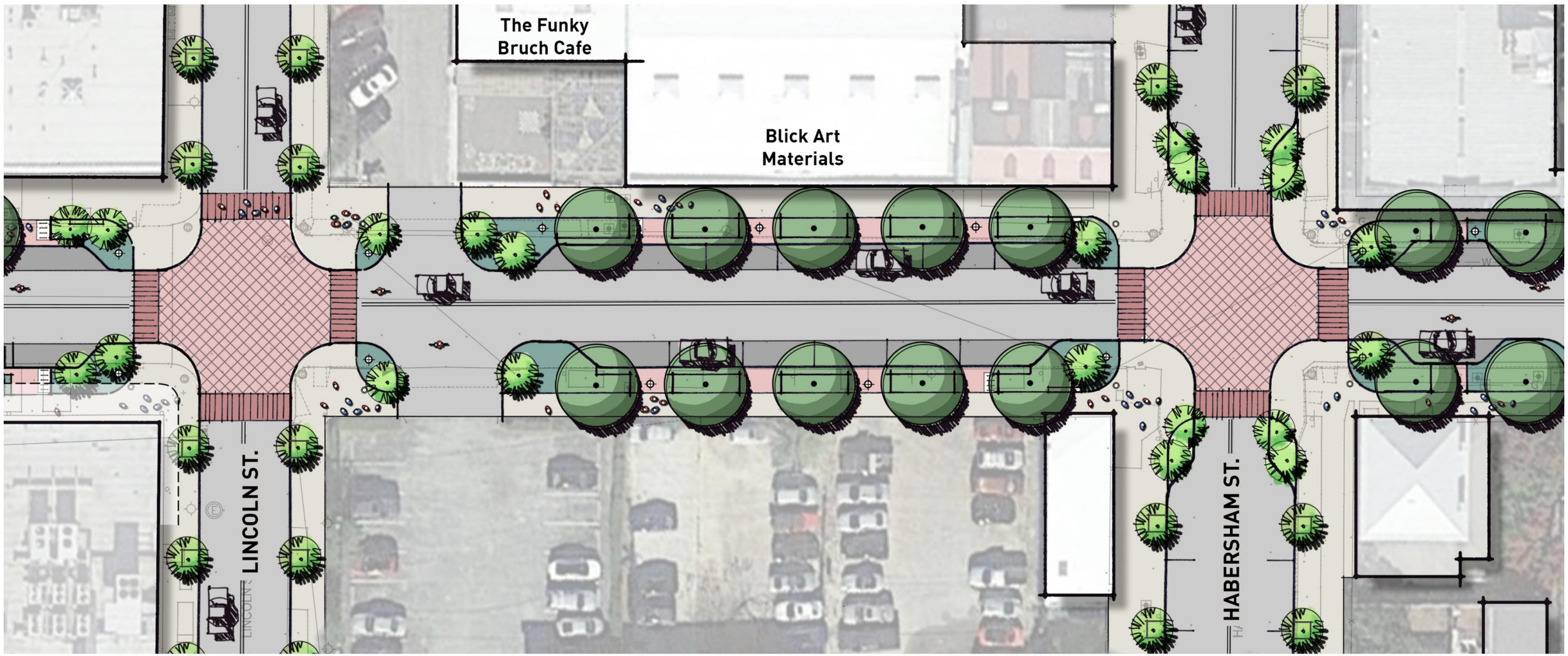
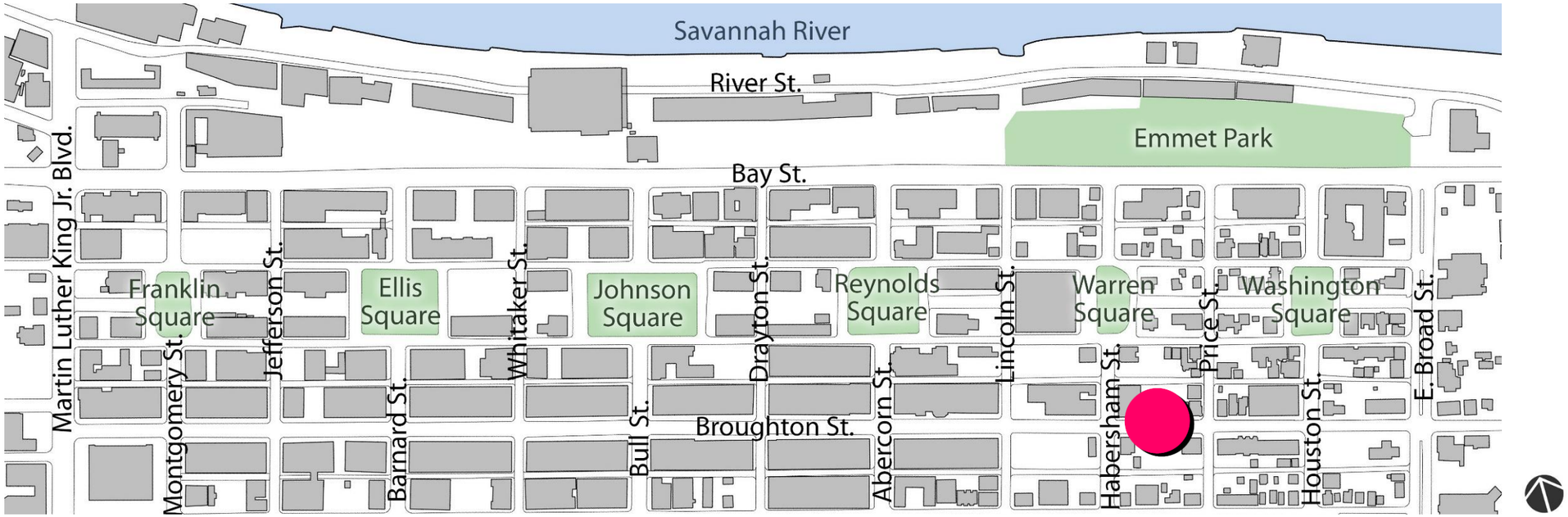
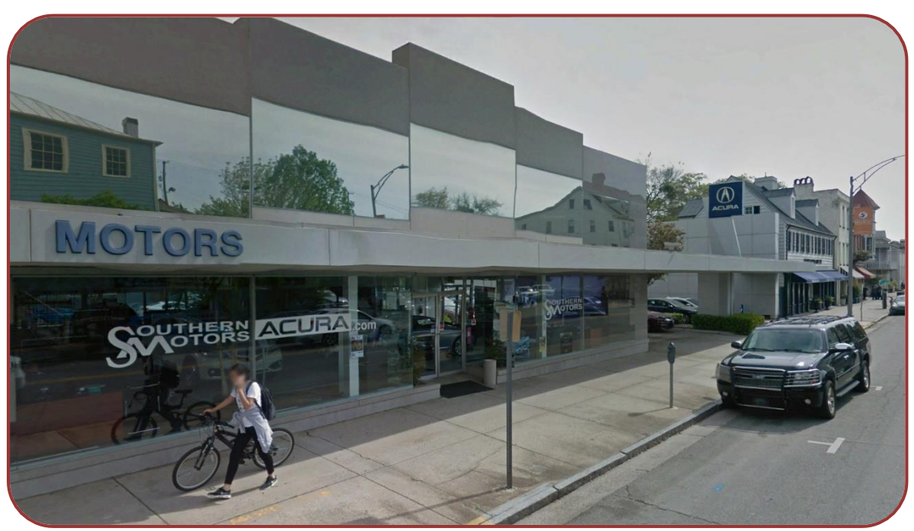


BROUGHTON ST.

Habersham St. / Price St.





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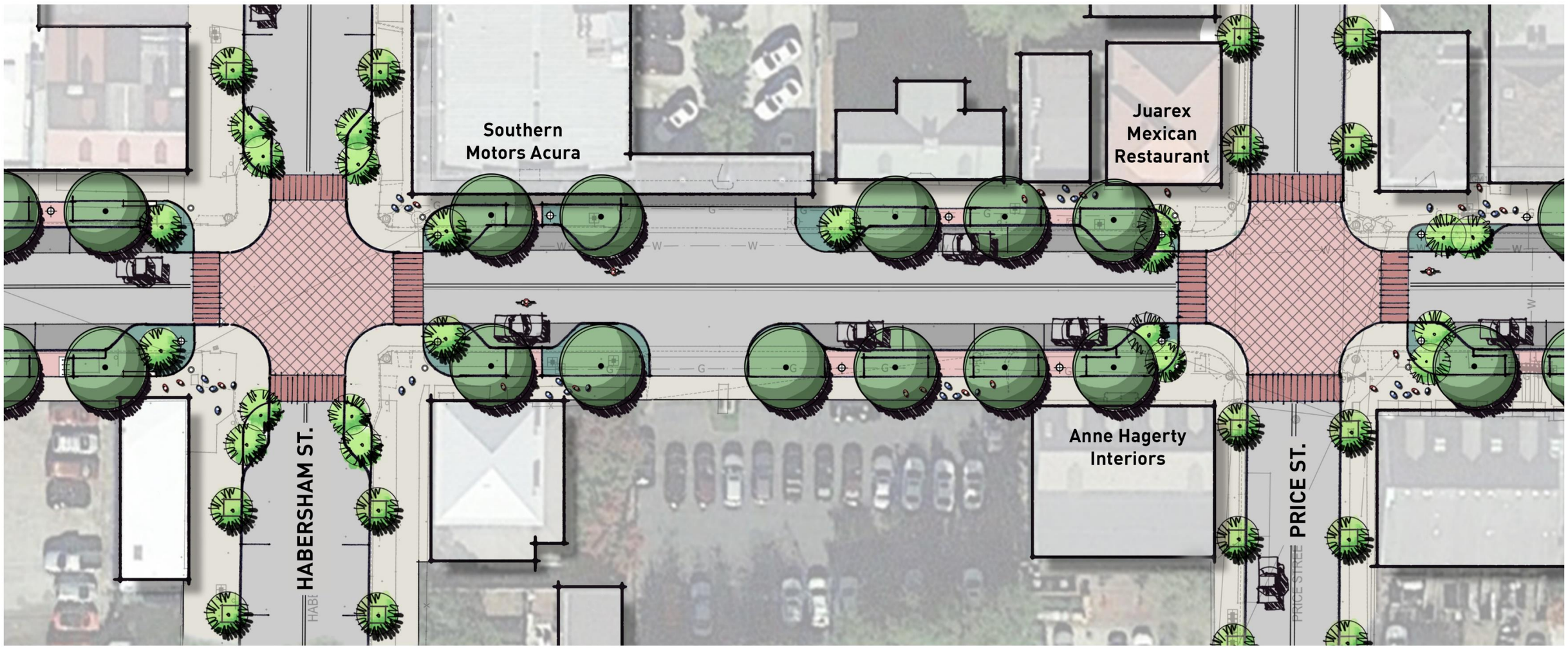
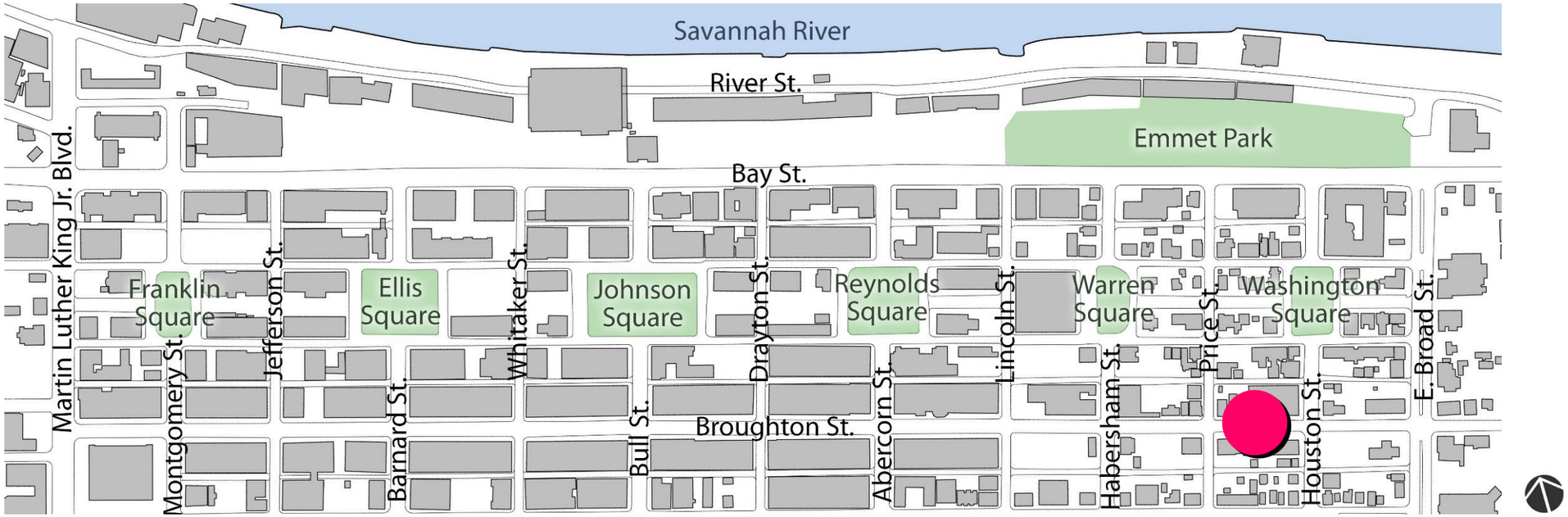
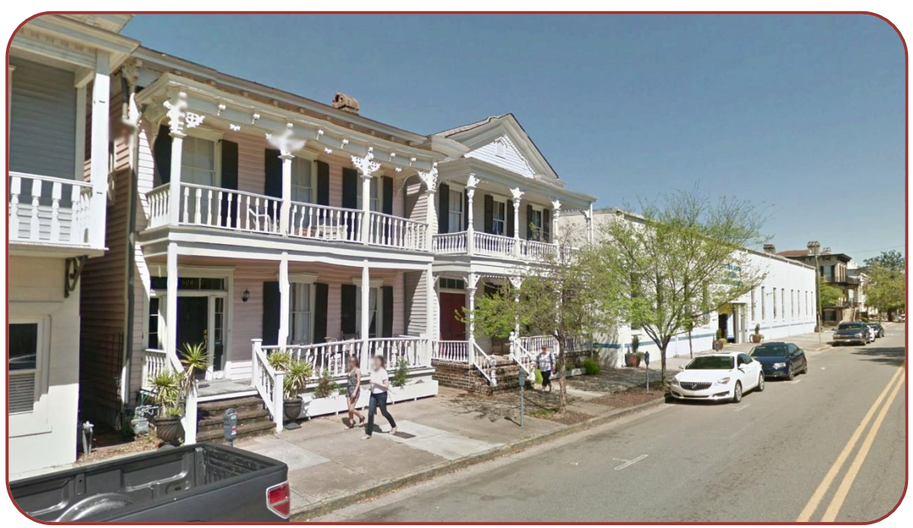
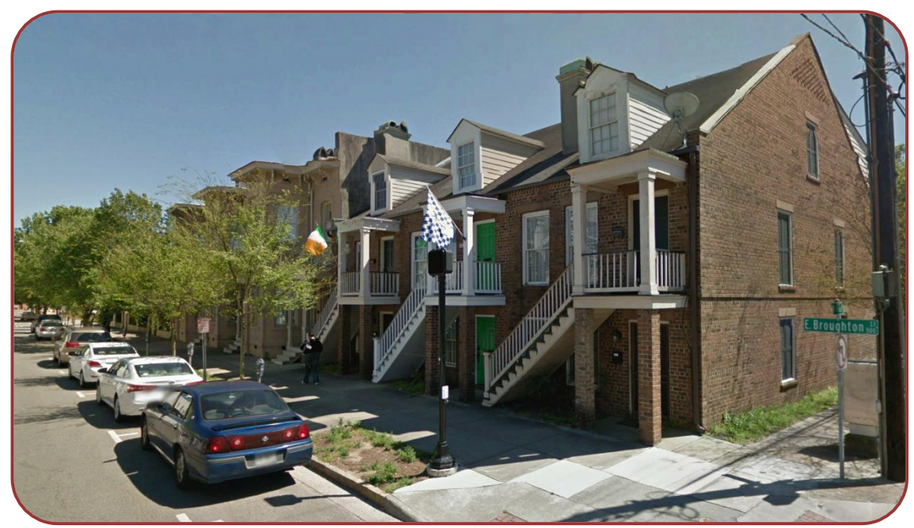


BROUGHTON ST.

Price St. / Houston St.







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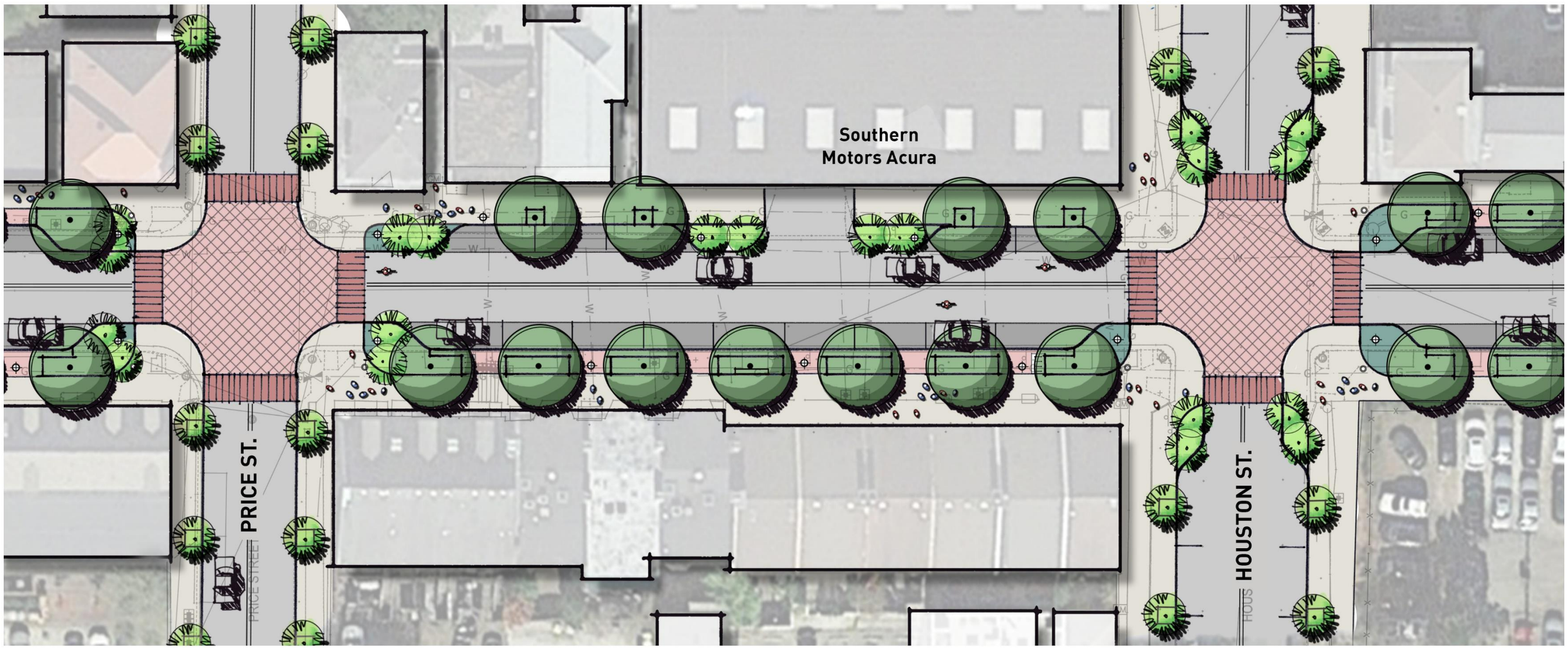
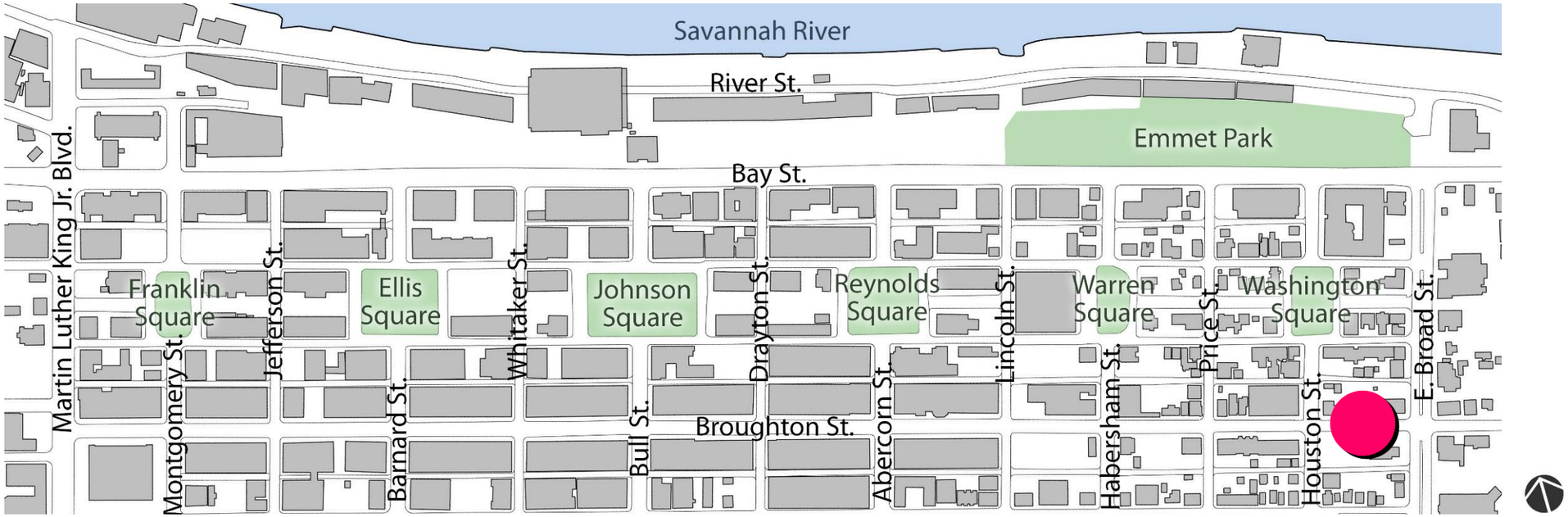


BROUGHTON ST.

Houston St. / E. Broad St.



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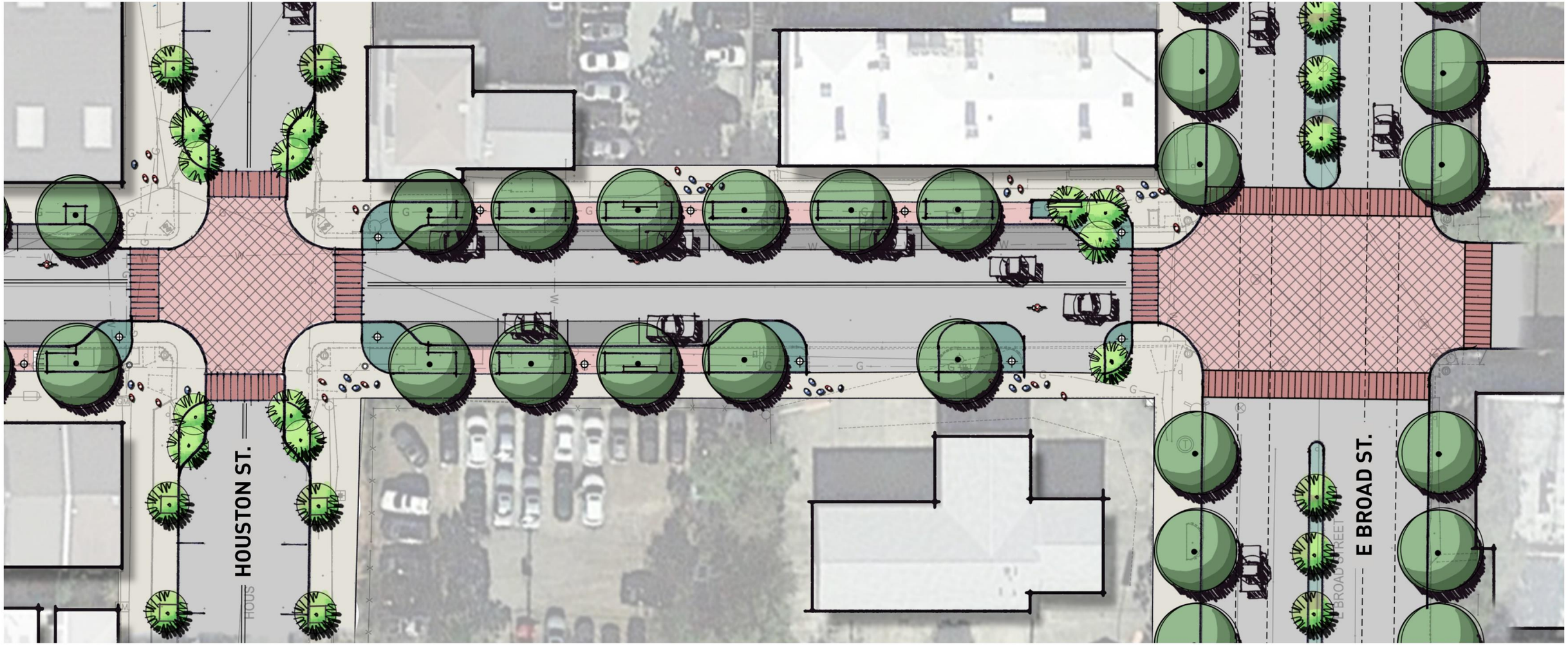

DISCUSSION

THANK YOU!