



Hogans Creek Restoration & Trail Plan Presentation

January 11, 2022



VISION

A clean, accessible creek surrounded by green space with ample recreational and leisure activities available such as sports, kayaking, walk/bike trails, picnic space, pavilions, and benches where you can enjoy nature.

Other responses

- Connecting neighborhoods
- Restoring bridges and balustrades
- A community hub
- Emphasize resiliency
- Activity areas for kids
- Beautiful landscaping

Orientation: Restoration Goals

- **Ecological Restoration**
 - *Repair damage and degradation to Hogans Creek*
- **Mitigate Flooding**
 - *Hydraulic modeling of multiple storms intensities informs new creek design*
- **Improved Water Quality**
 - *Cleaner for plants and animals*
- **Increase Habitat for Wildlife**
 - *Increase value for fish and bird species and decrease safety hazards*
- **Access to Hogans Creek & Recreation**
 - *Emerald Trail expansion, maintain active recreation, and provide passive recreation*
 - *“Connecting jewels in the necklace”*
- **Resilience**
 - *Use nature-based solutions to help Hogans Creek restore and maintain value*



Stormwater outlet into Creek;
Health Advisory sign at
Springfield Park; and
channelization at West 1st and
North Laura Streets

Agenda

- **Introductions**
- **Orientation to Project**
 - Purpose of Presentation
 - Geography
 - Restoration Vision
 - Design Questions
- **Hogans Creek Existing Conditions to Proposed Programming**
 - Springfield Park
 - Klutho Park
 - McPherson & Schell Parks
- **Modeling**
- **Final Remarks & Open Discussion**

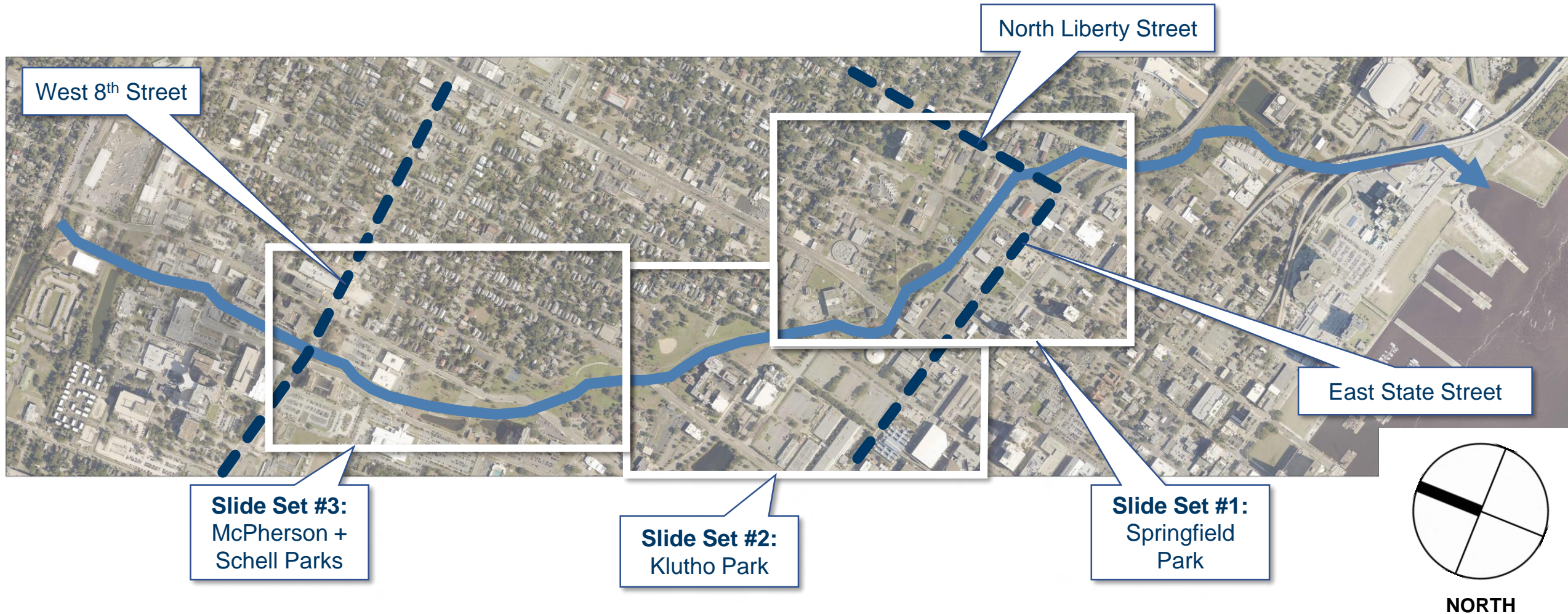


Newnan and Orange Streets, 6 November 2021

Orientation: Purpose of Presentation

- **Update** the Springfield Neighborhood of **potential programming** and stream **restoration study** and **design concepts**
 - **Nothing** is final – concepts help **generate discussion**
 - We propose maintaining **all existing** amenities (e.g., disc golf, ball field)
 - Hydraulic modeling is ongoing **to help inform** recommendations
- Receive **community feedback**
 - What conditions are you happy with?
 - What are the existing conditions you would like to change?
 - What would you like to see?

Orientation: Geography



Orientation: Restoration Vision

Slough Community
(sawgrass, spikerush, and grasses; dwarf cypress and cabbage palms)



Freshwater Swamp Community
(cypress, vines, ferns and “air plants”)



Fresh Tidal Marsh Community
(cattails, bulrushes, saw grass, and maidencane)

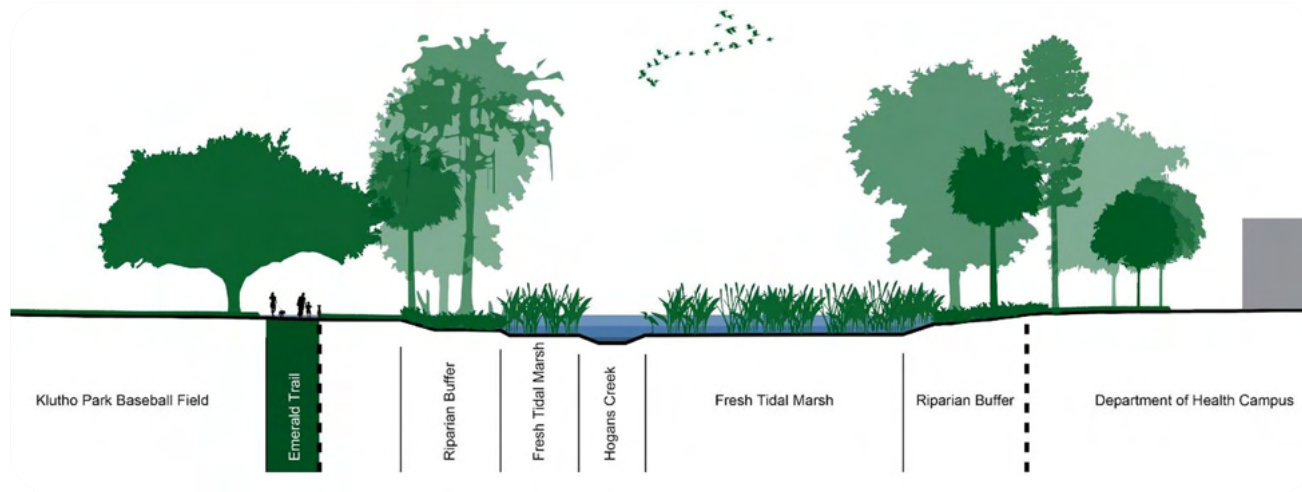
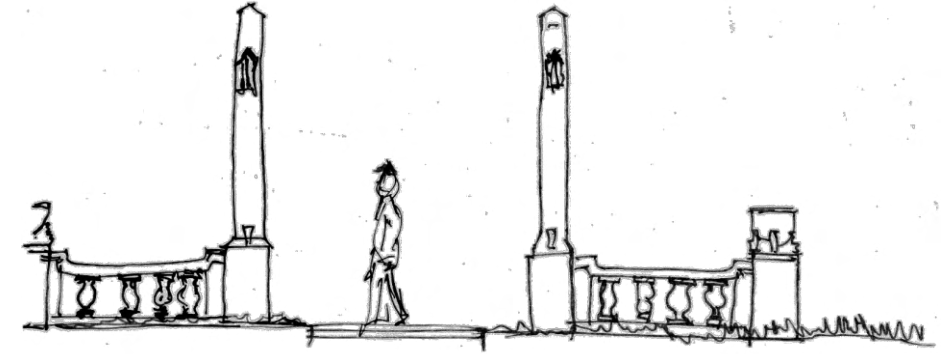
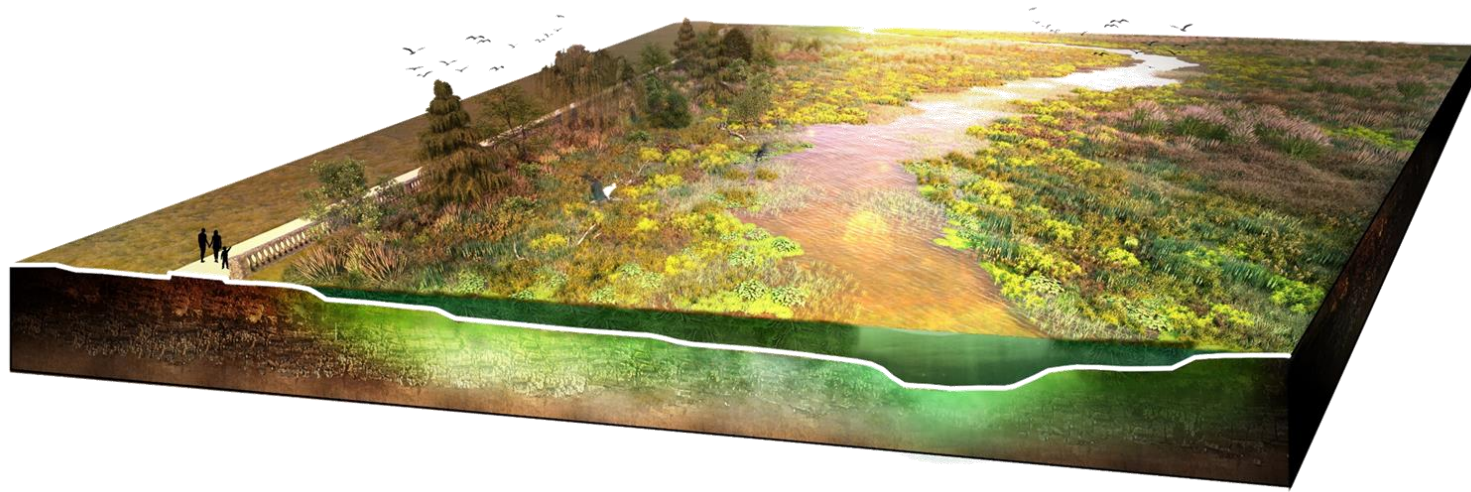


Riparian Buffer Community
(iris, lily, muhly grass, cabbage palms, birch, oak, cypress, pines)



Note: There will be no quiz at the end of the presentation.

Orientation: Restoration Vision

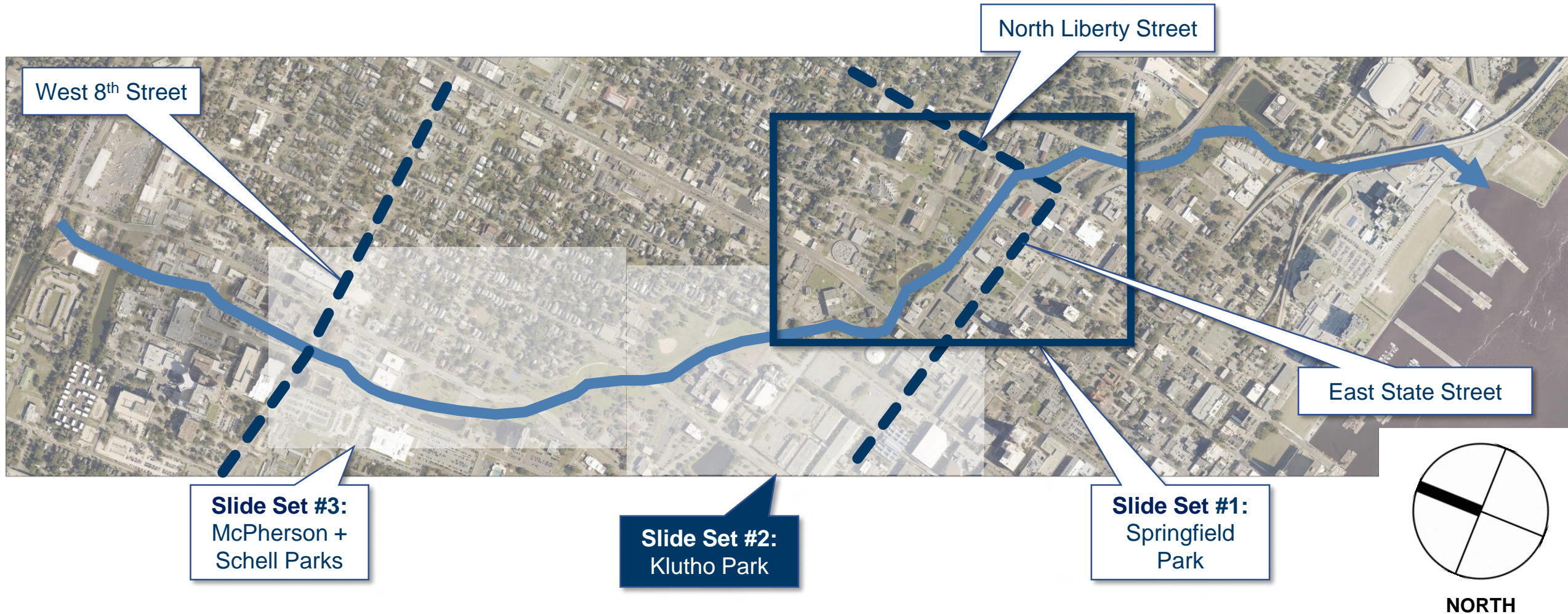


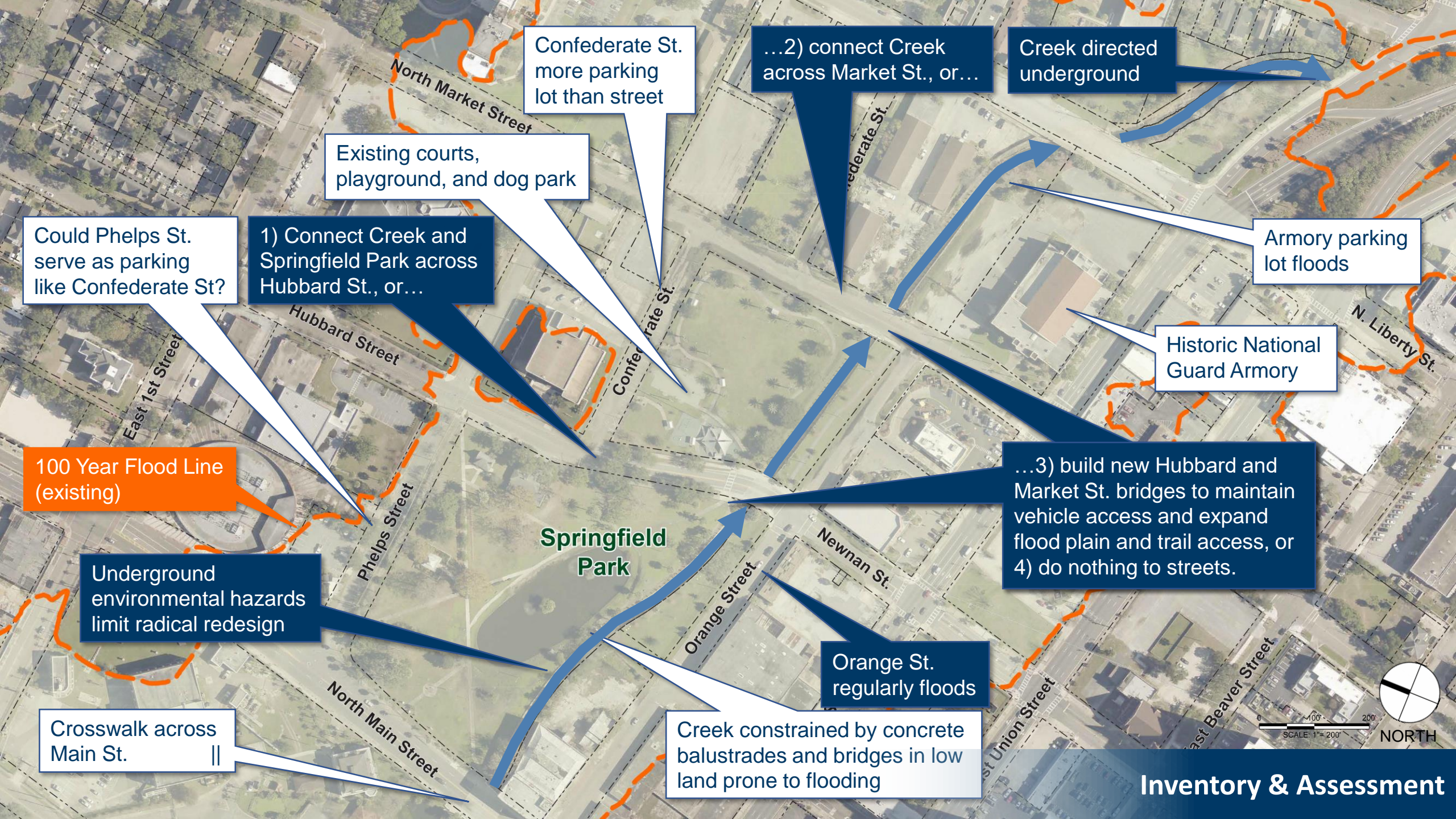
Orientation: Design Questions

- How do we balance **restoring the creek** and **maintaining space** for **existing and future park amenities**?
- How do we **integrate Hogans Creek** and the **Emerald Trail** with the surrounding **neighborhoods**?
- How do we identify, define, and protect the **existing cultural points of interest** into the design? Are there **new cultural points of interest** to emphasize into the design?
- How do we effectively design the creek given the **limitations and constraints** of available space, existing roads, existing structures, utilities, and 100+ years of degradation?

Designing answers to these questions is **tough work** requiring lots of feedback. **Nothing is final.** Tonight's presentation is meant to generate **feedback**.

Slide Set #1: Springfield Park





Confederate St.
more parking
lot than street

...2) connect Creek
across Market St., or...

Creek directed
underground

Existing courts,
playground, and dog park

1) Connect Creek and
Springfield Park across
Hubbard St., or...

Could Phelps St.
serve as parking
like Confederate St?

Armory parking
lot floods

Historic National
Guard Armory

...3) build new Hubbard and
Market St. bridges to maintain
vehicle access and expand
flood plain and trail access, or
4) do nothing to streets.

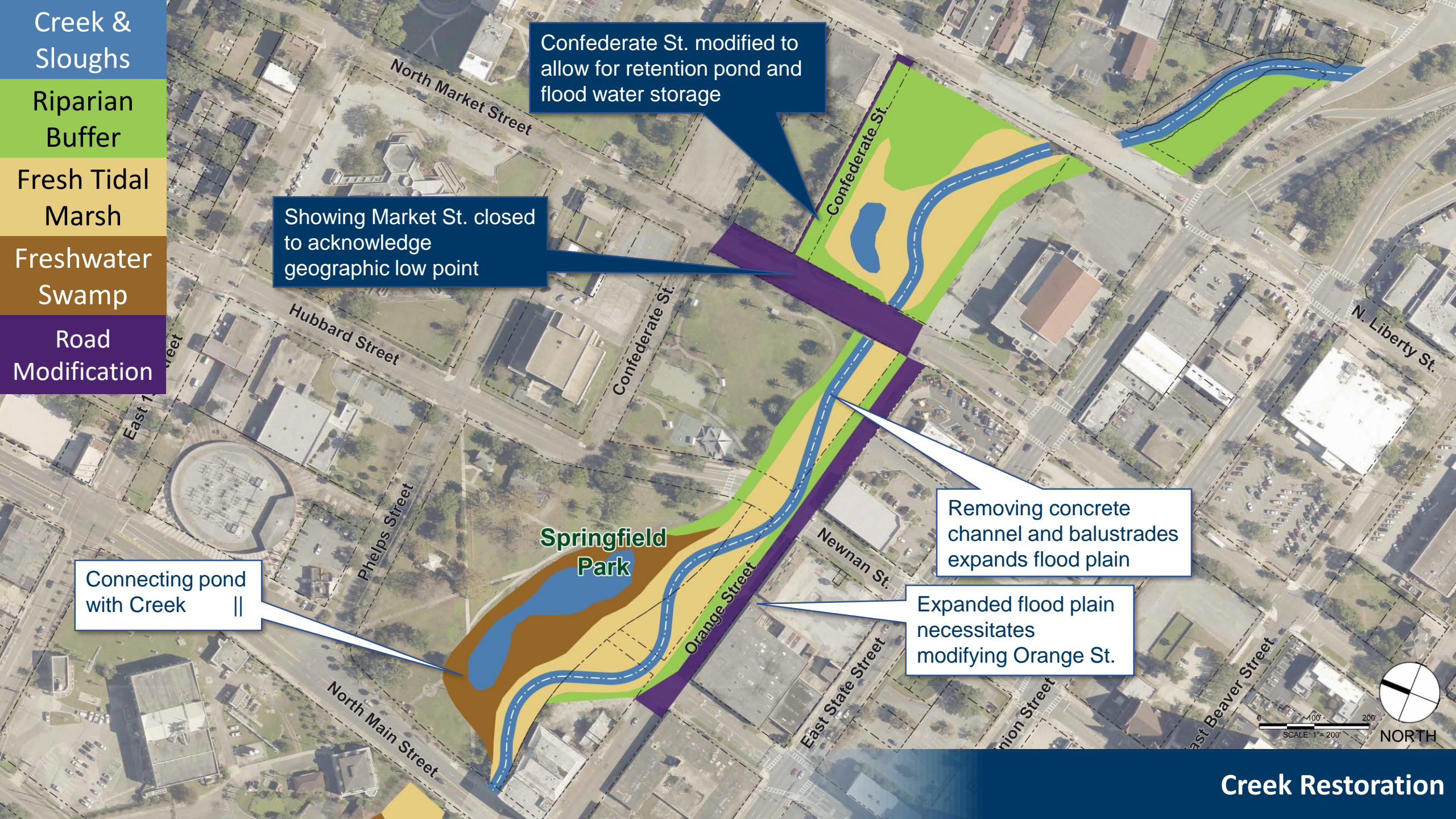
100 Year Flood Line
(existing)

Underground
environmental hazards
limit radical redesign

Crosswalk across
Main St. ||

Creek constrained by concrete
balustrades and bridges in low
land prone to flooding

Orange St.
regularly floods



- Creek & Sloughs
- Riparian Buffer
- Fresh Tidal Marsh
- Freshwater Swamp
- Road Modification

Confederate St. modified to allow for retention pond and flood water storage

Showing Market St. closed to acknowledge geographic low point

Connecting pond with Creek

Removing concrete channel and balustrades expands flood plain

Expanded flood plain necessitates modifying Orange St.

SCALE: 1" = 200'

NORTH



Existing courts, playground, and dog park to remain; COJ to adjust dog park fence

City property allowing provide development

Confederate St. closed to thru traffic, but remains for parking

Emerald Trail

Expanded flood plain before Creek returns underground

Existing structures to remain

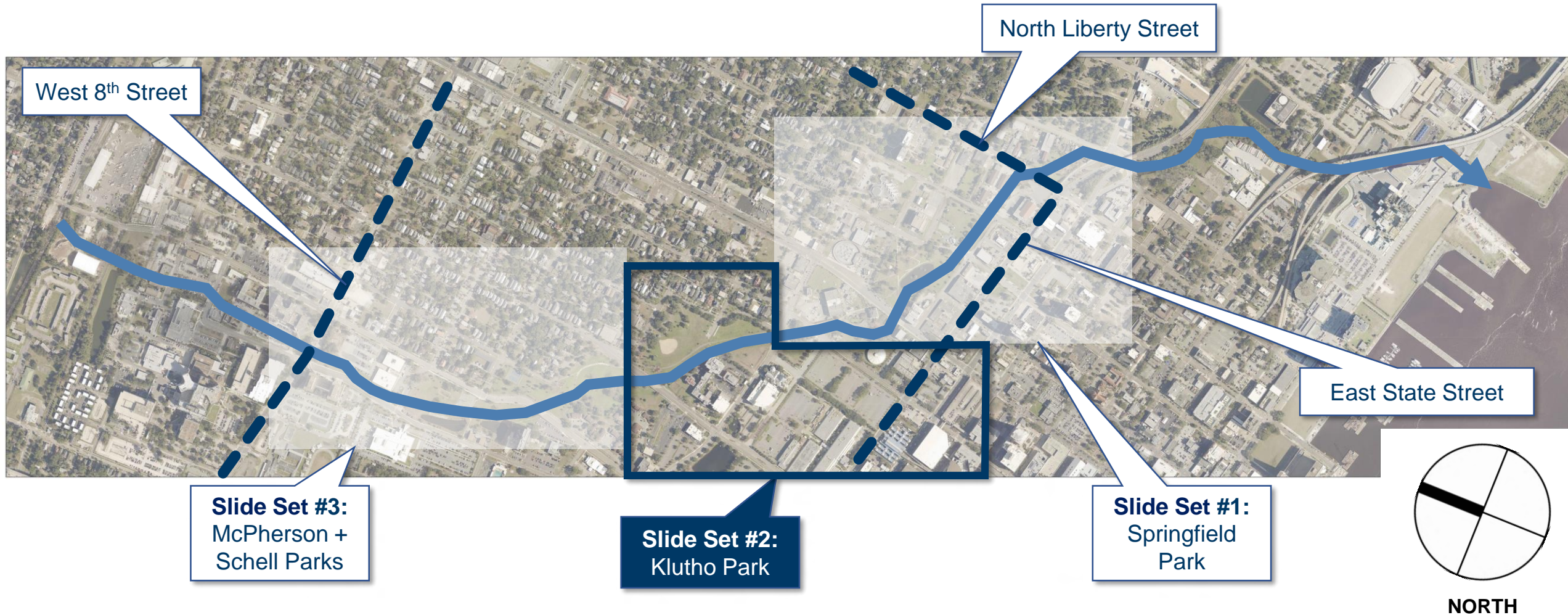
Phelps St. modified for parking ||

Orange St. serves as parking for south entrance if Phelps and Confederate St. insufficient



Proposed Conceptual Design

Slide Set #2: Klutho Park





Improve safety of crosswalk across Pearl St. ||

Baseball field, pavilion, fountain

Parking lot extends into park space

Boulevard St. appears redundant

Improve safety of crosswalks

Henry J. Klutho Park

Intricate system of above and underground utilities

Parking in grassy area leads to erosion

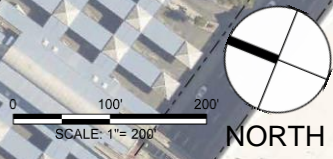
100 Year Flood Line (existing)

Balustrade/wall and bridge to constrict Creek flow

Improve safety of path under bridge

Hansontown

Inventory & Assessment





Relocate 18 parking spaces to make room for baseball field

Modifying Boulevard St. to connect to island

Demolition of JEA building allows to expand floodplain

Limited ability to improve Creek through Waterworks

Removing concrete channel and balustrades expands flood plain; relocate baseball field

Expanding flood plain will impacts parking spaces

Creek & Sloughs	Fresh Tidal Marsh
Riparian Buffer	Freshwater Swamp
Road Modification	

Hansontown

Creek Restoration

Pavilion to remain

Room for 20
space parking lot

Emerald Trail

North Main Street

W. 2nd St.

Boulevard St.

Henry J. Klutho
Park

Start/end of
disc golf
course

Formal garden

Improve eco-
systems through
JEA Waterworks

Baseball field
shifted east

Improve underpass
path experience ||

R. McKissick Sr. Blvd.

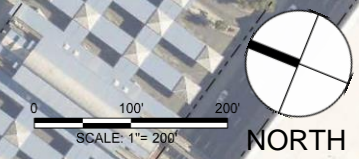
Hogan Street
Connector

West 1st Street

Caroline Street

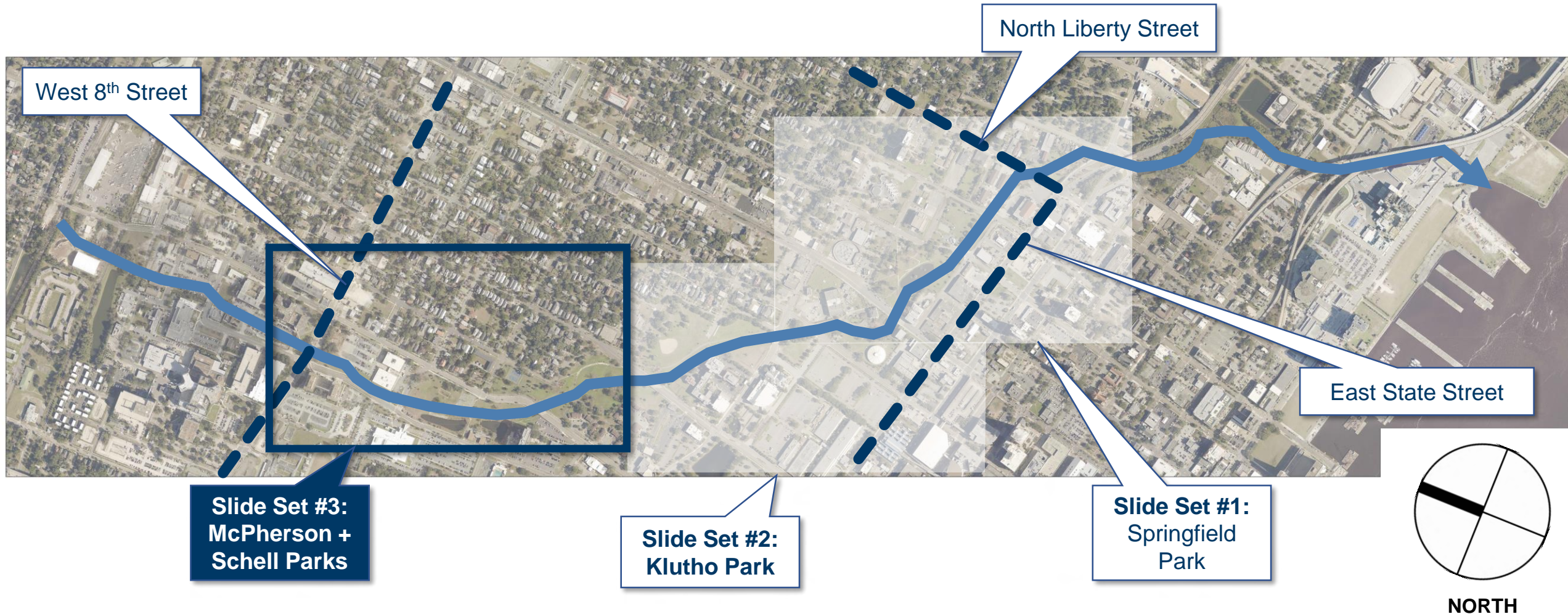
North Pearl Street

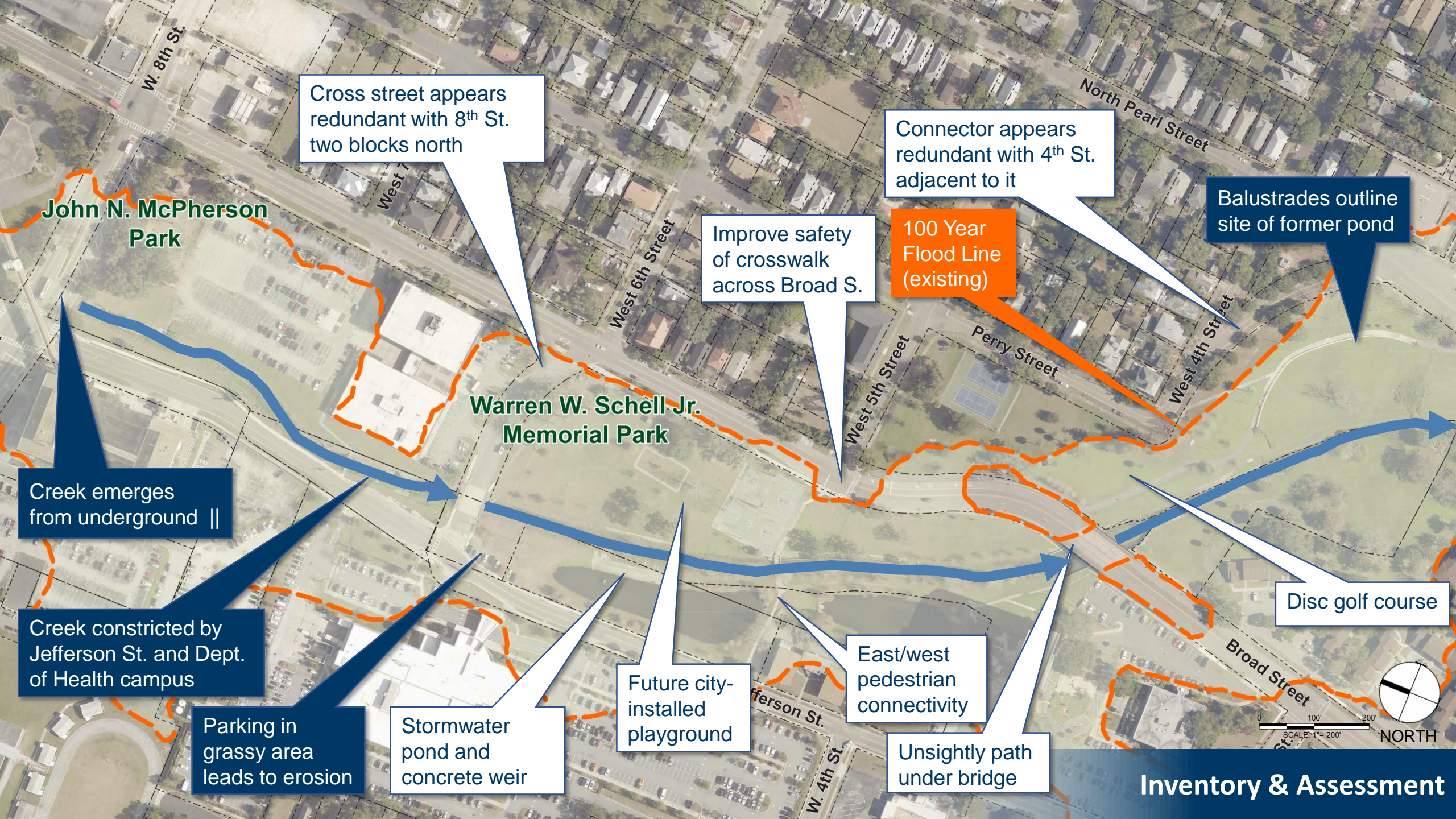
Hansontown



Proposed Conceptual Design

Slide Set #3: McPherson & Schell Park





Cross street appears redundant with 8th St. two blocks north

Connector appears redundant with 4th St. adjacent to it

Balustrades outline site of former pond

100 Year Flood Line (existing)

Improve safety of crosswalk across Broad S.

Warren W. Schell Jr. Memorial Park

Creek emerges from underground ||

Creek constricted by Jefferson St. and Dept. of Health campus

Parking in grassy area leads to erosion

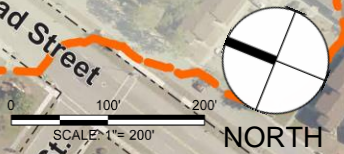
Stormwater pond and concrete weir

Future city-installed playground

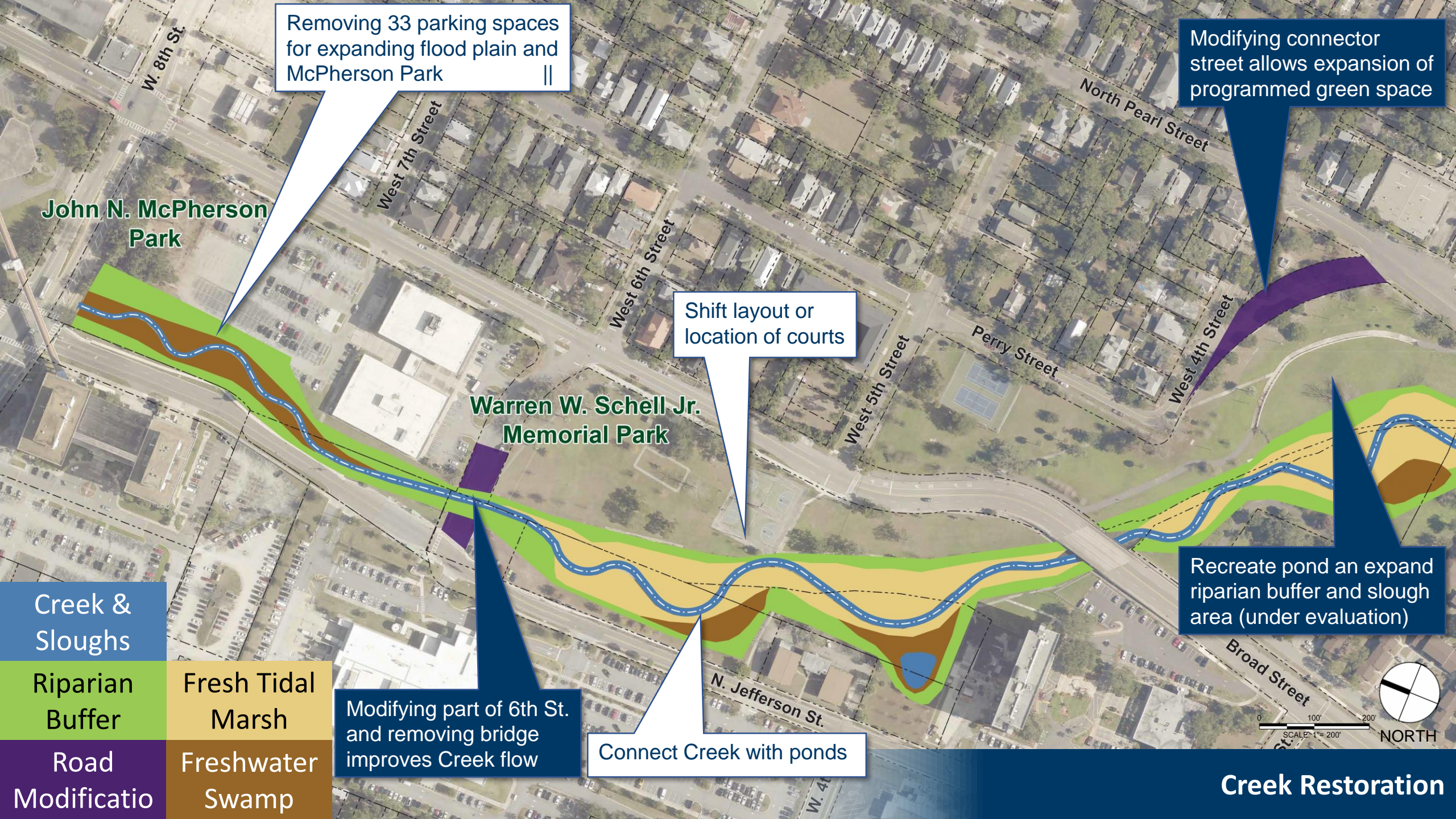
East/west pedestrian connectivity

Unsightly path under bridge

Disc golf course



Inventory & Assessment



Creek Restoration



Expanded McPherson Park

Redesigned entrance to
Dept. of Health campus

Retain existing
tennis courts

Future playground

Repositioned
basketball
courts

Room for 20
space
parking lot

Emerald
Trail

Warren W. Schell Jr.
Memorial Park

Removed 6th St. bridge and
install a pedestrian bridge
connecting to VA clinic ||

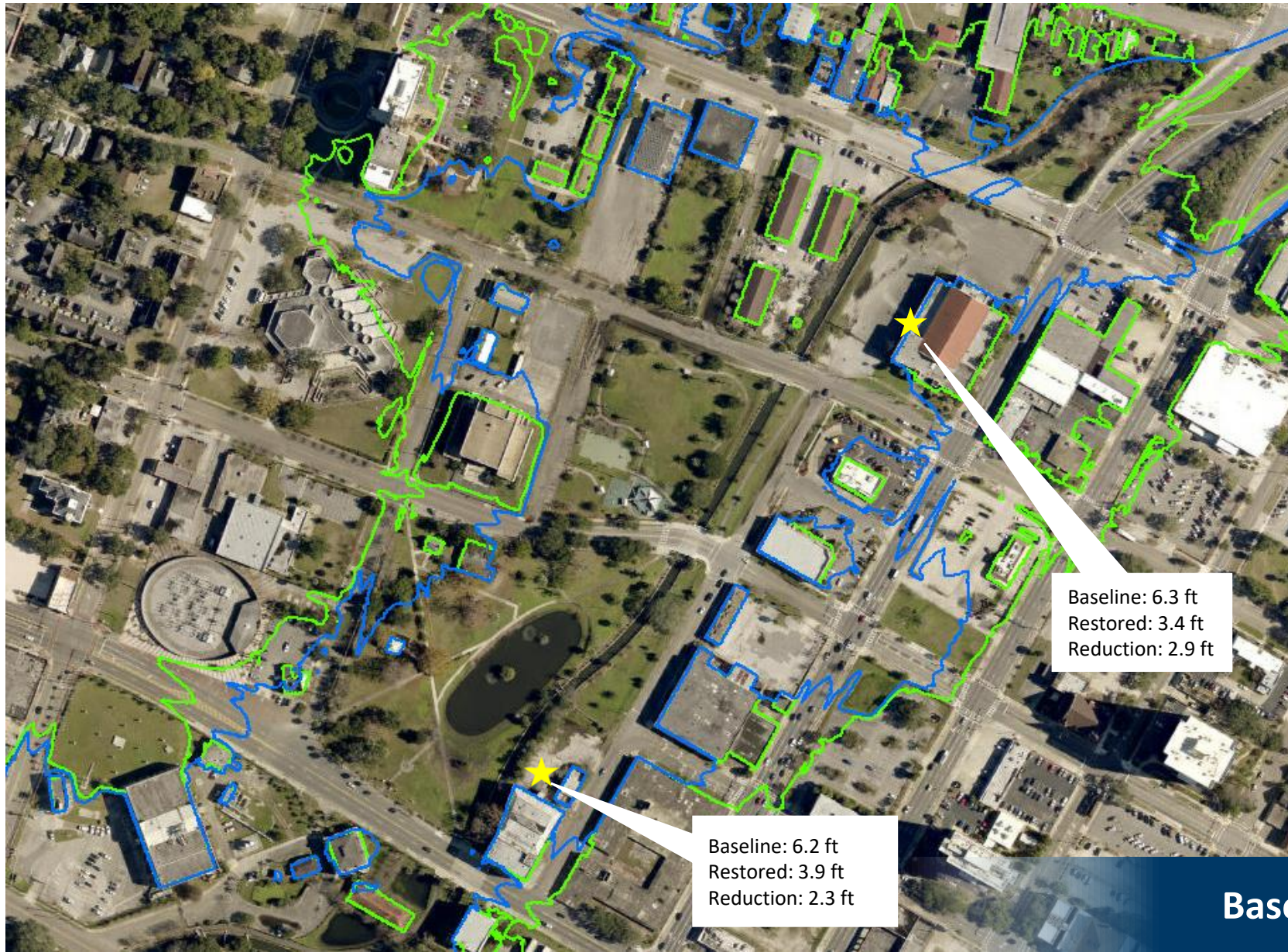
Reconnect pedestrian paths
between JHA and park
amenities

Improve underpass
path experience

Reorganized 18-basket
disc golf course

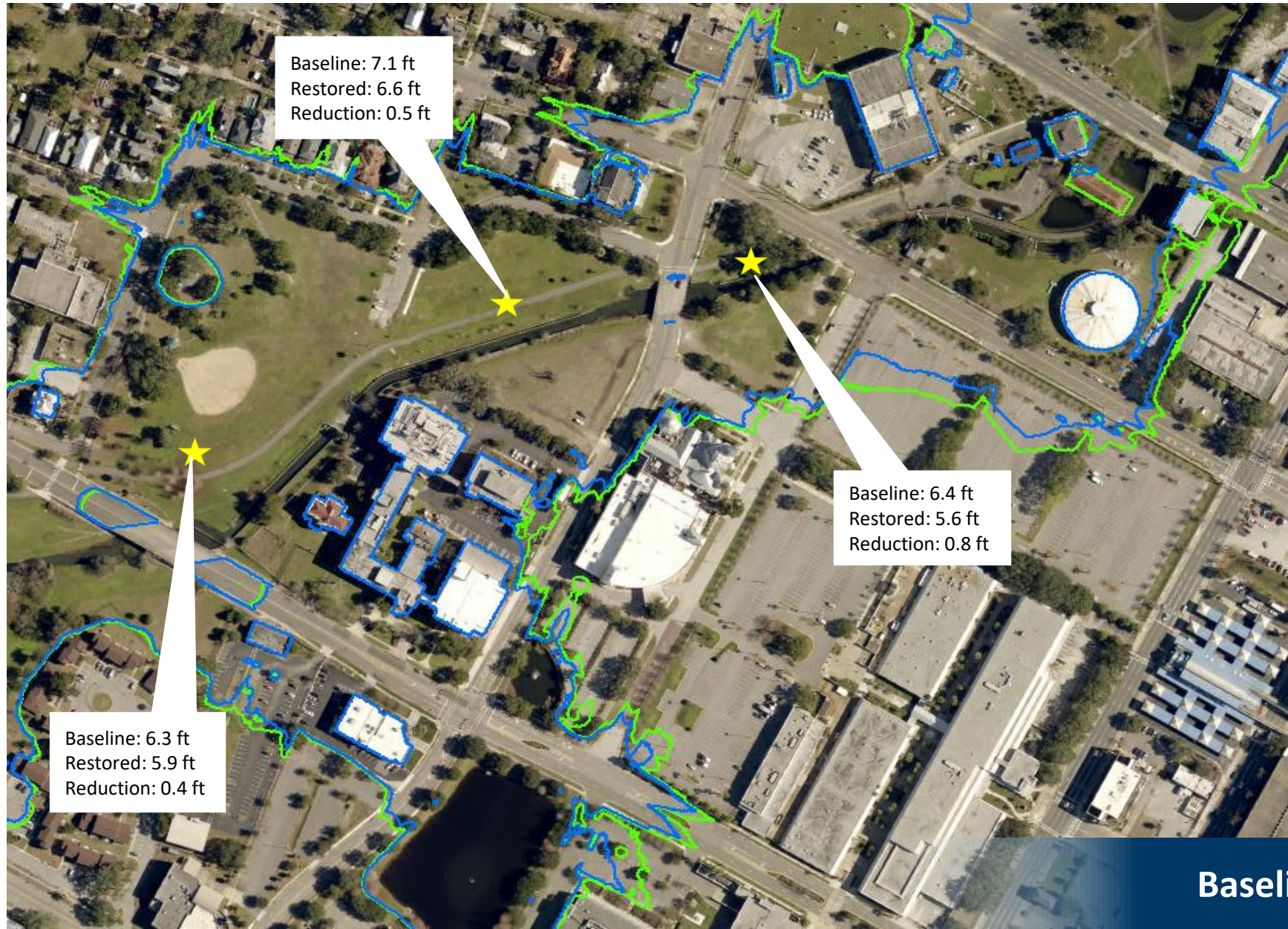
Proposed Conceptual Design

Hydraulic Modeling (1/3)



Baseline vs. Restoration

Hydraulic Modeling (2/3)



Baseline vs. Restoration

Hydraulic Modeling (3/3)



Baseline vs. Restoration

Final Remarks & Open Discussion

