Hogans Creek Restoration & Trail Plan Presentation

January 11, 2022

GROUNDWORK JACKSONVILLE

CHANGING PLACES CHANGING LIVES

CITY OF JACKSONVILLE, FLORIDA

HALFF®

EMERALD TRAIL

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**

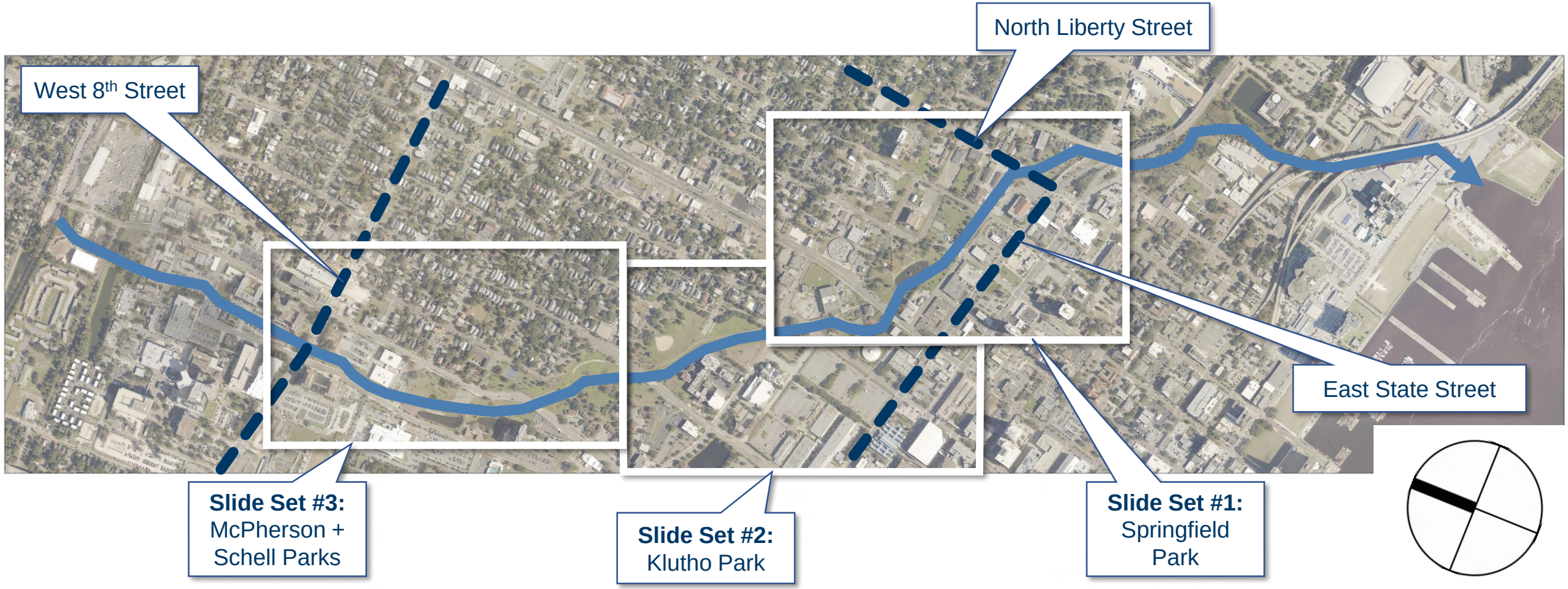
Newnan and Orange Streets, 6 November 2021

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)

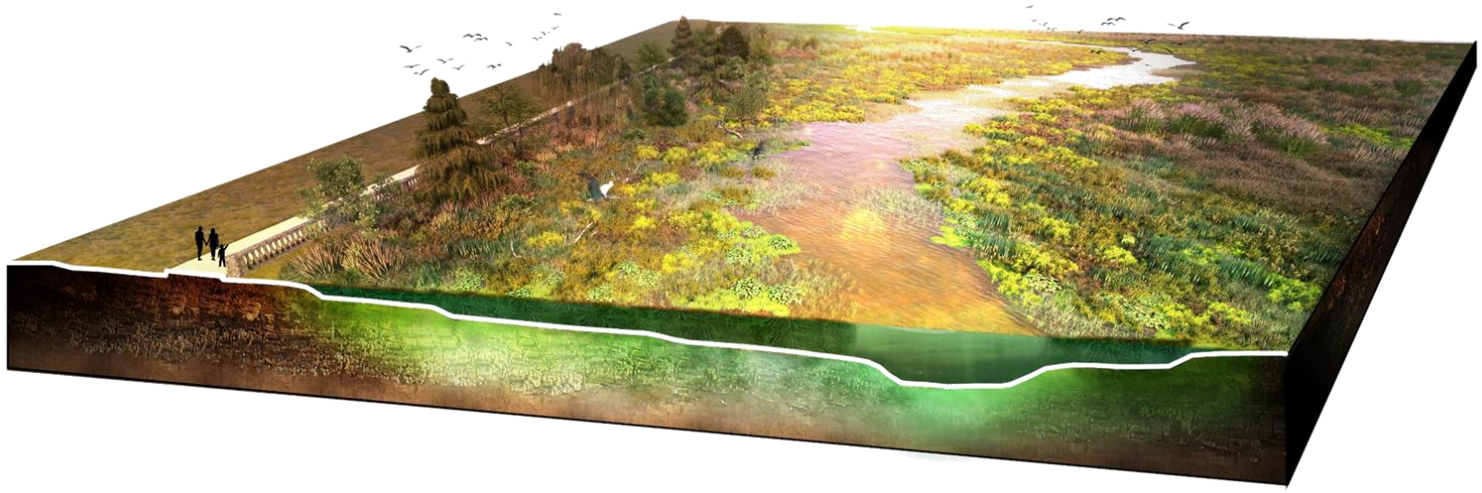
Fresh Tidal Marsh Community
(cattails, bulrushes, saw grass, and maidencane)

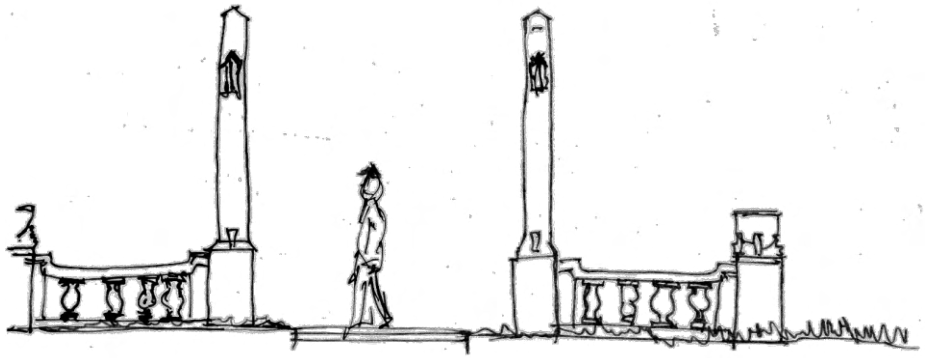
Freshwater Swamp Community
(cypress, vines, ferns and "air plants")

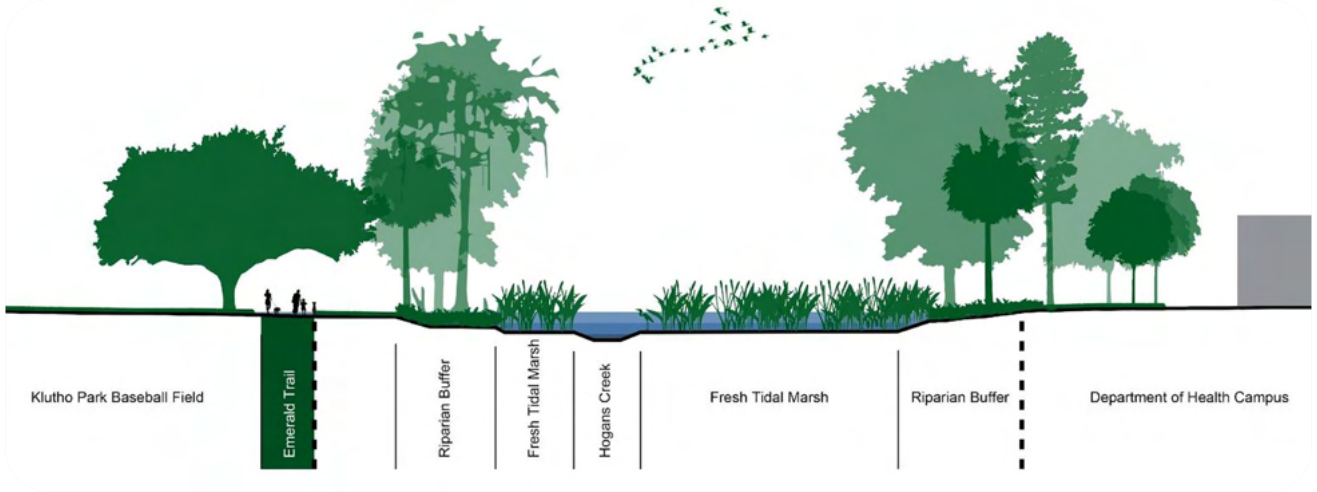
Riparian Buffer Community
(iris, lily, muhly grass, cabbage palms, birch, oak, cypress, pines)

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

Orientation: Restoration Vision





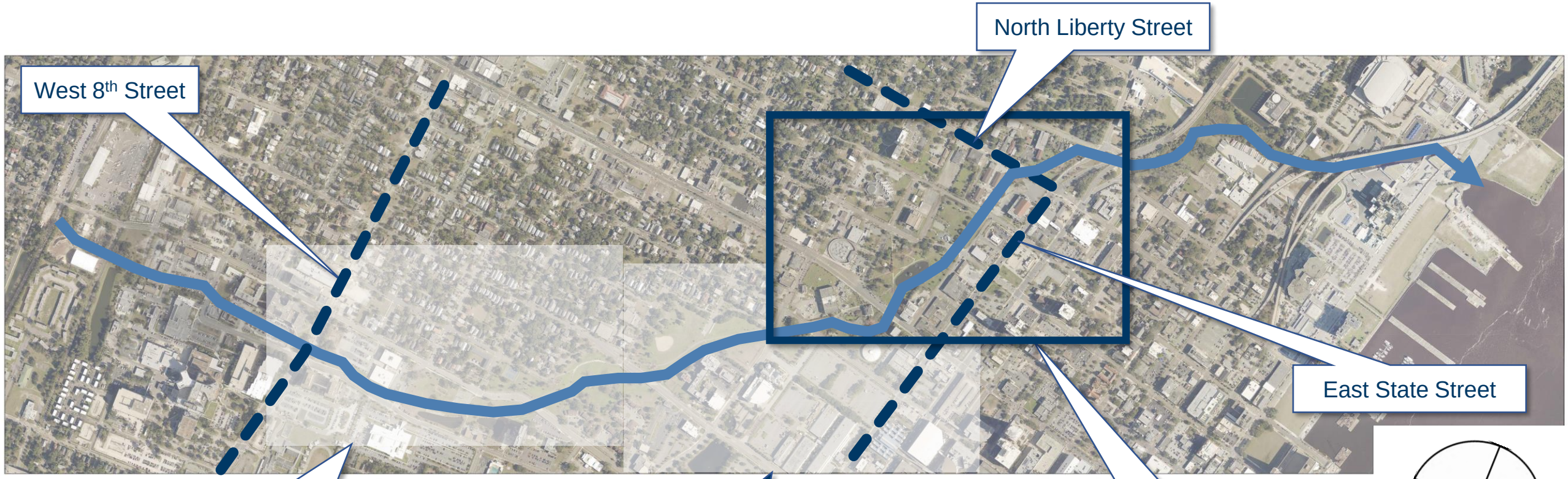


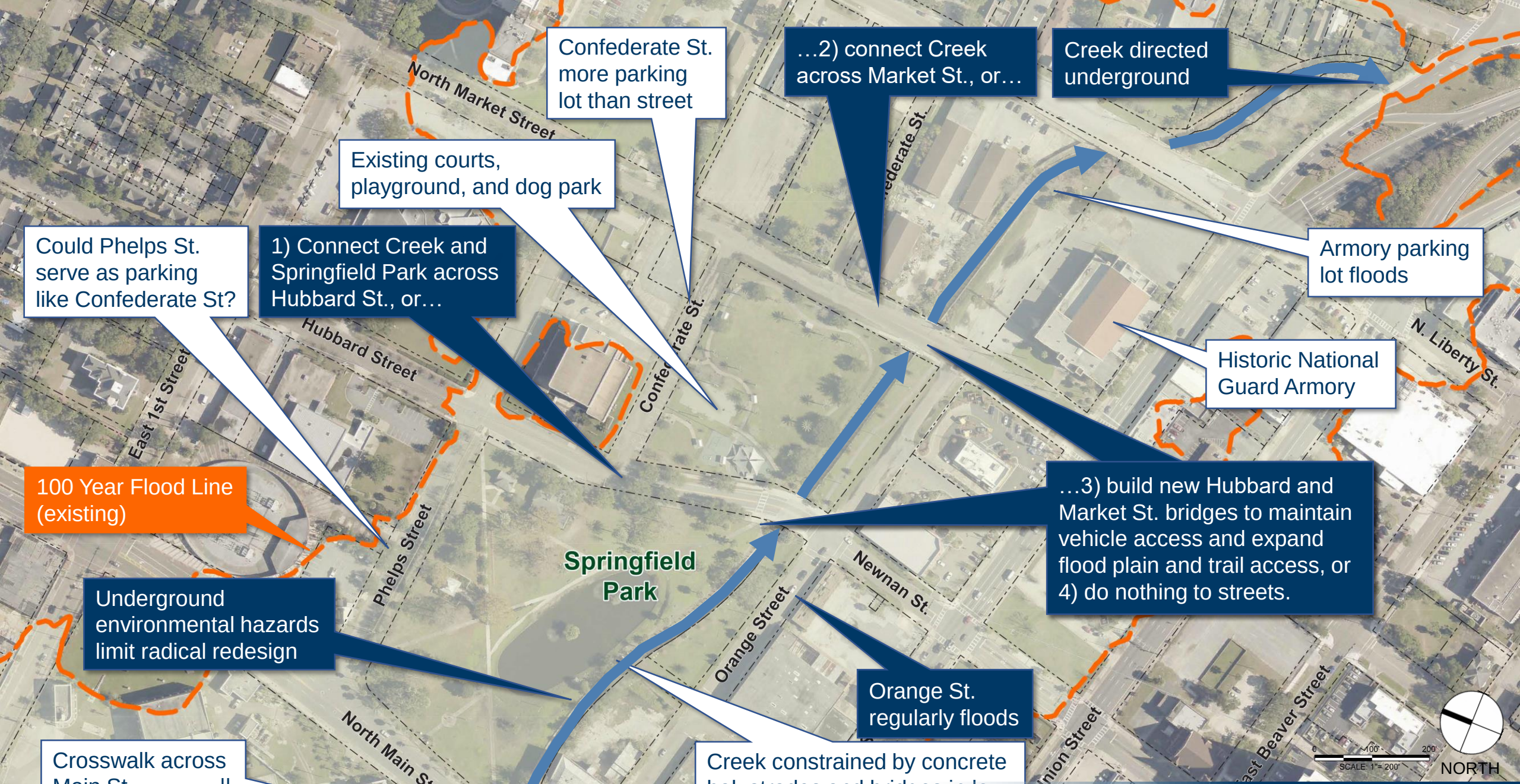
Orientation: Design Questions

- *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?*

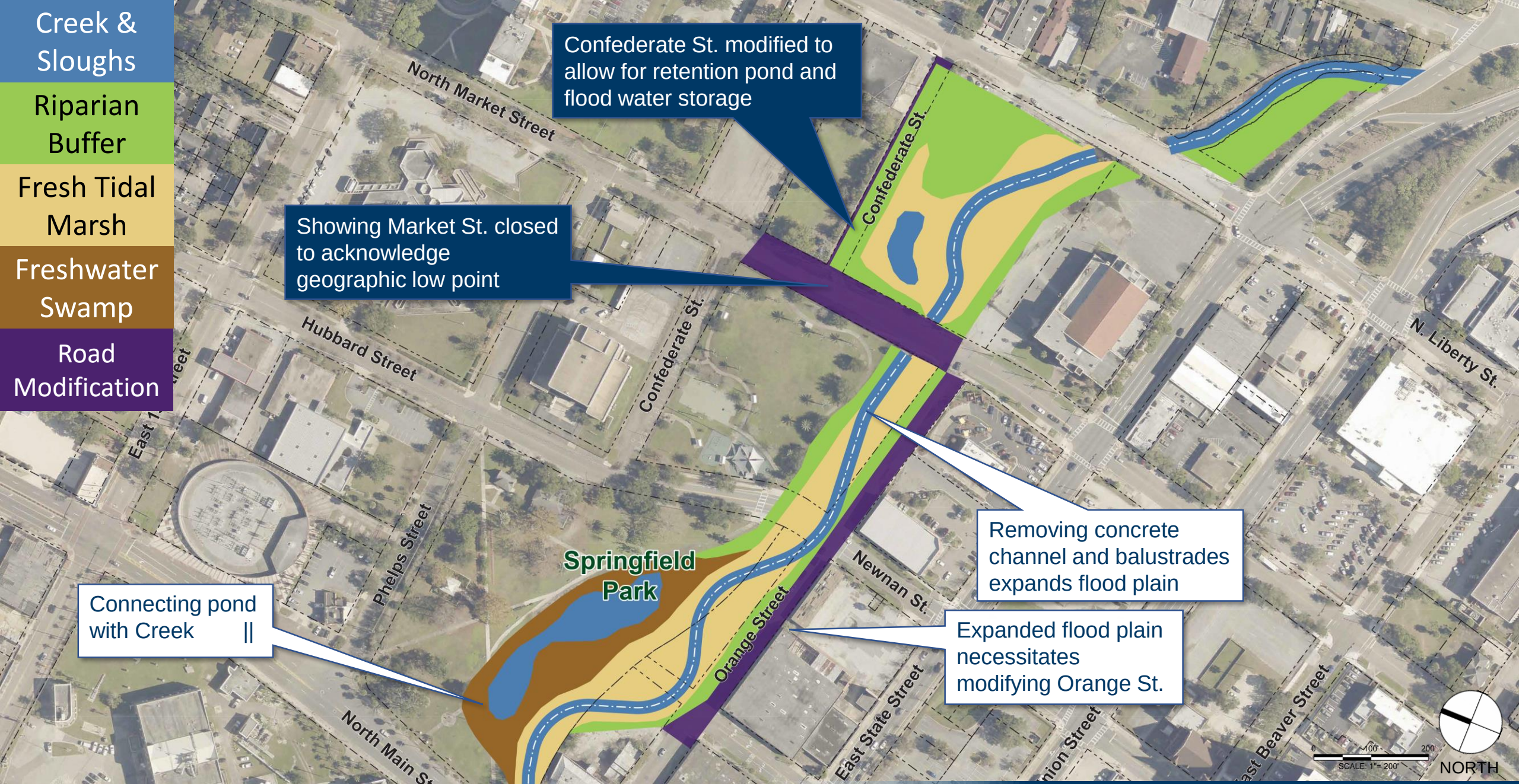
***Designing answers** to these questions is **tough work** requiring lots of feedback. **Nothing is final**. Tonight's presentation is meant to generate **feedback**.*

Slide Set #1: Springfield Park





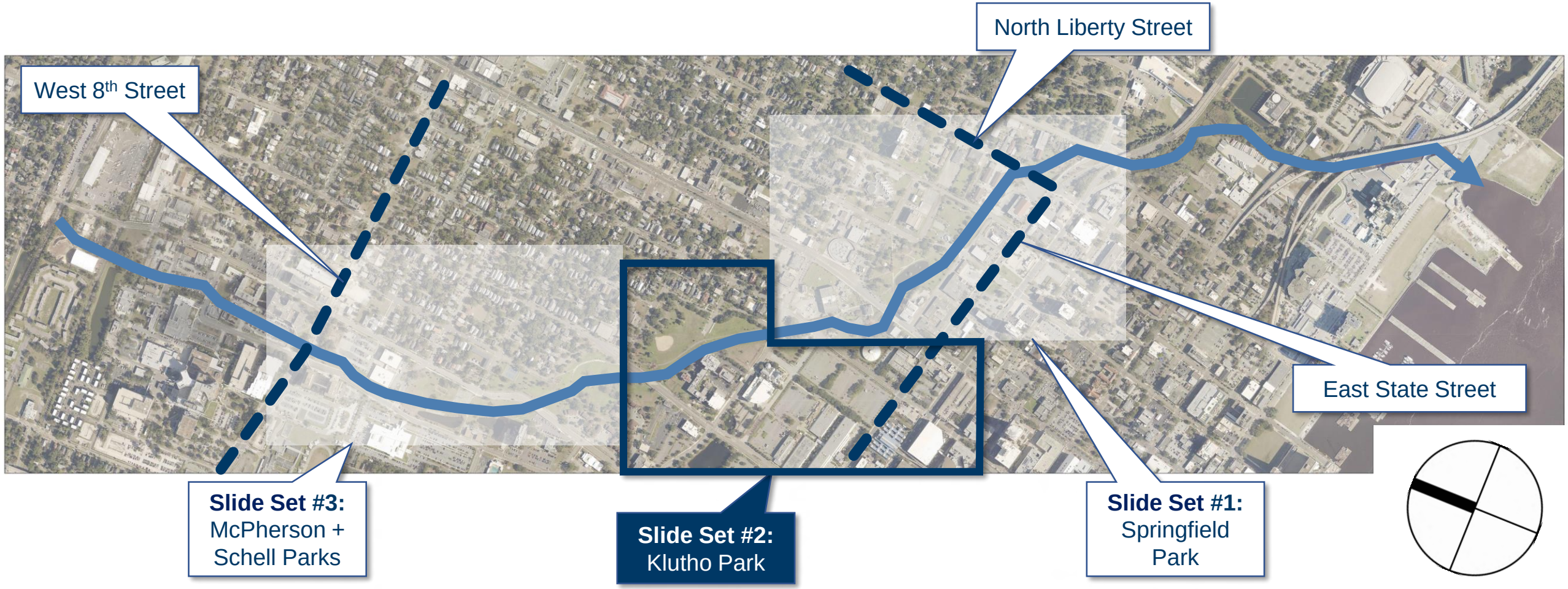
Inventory & Assessment

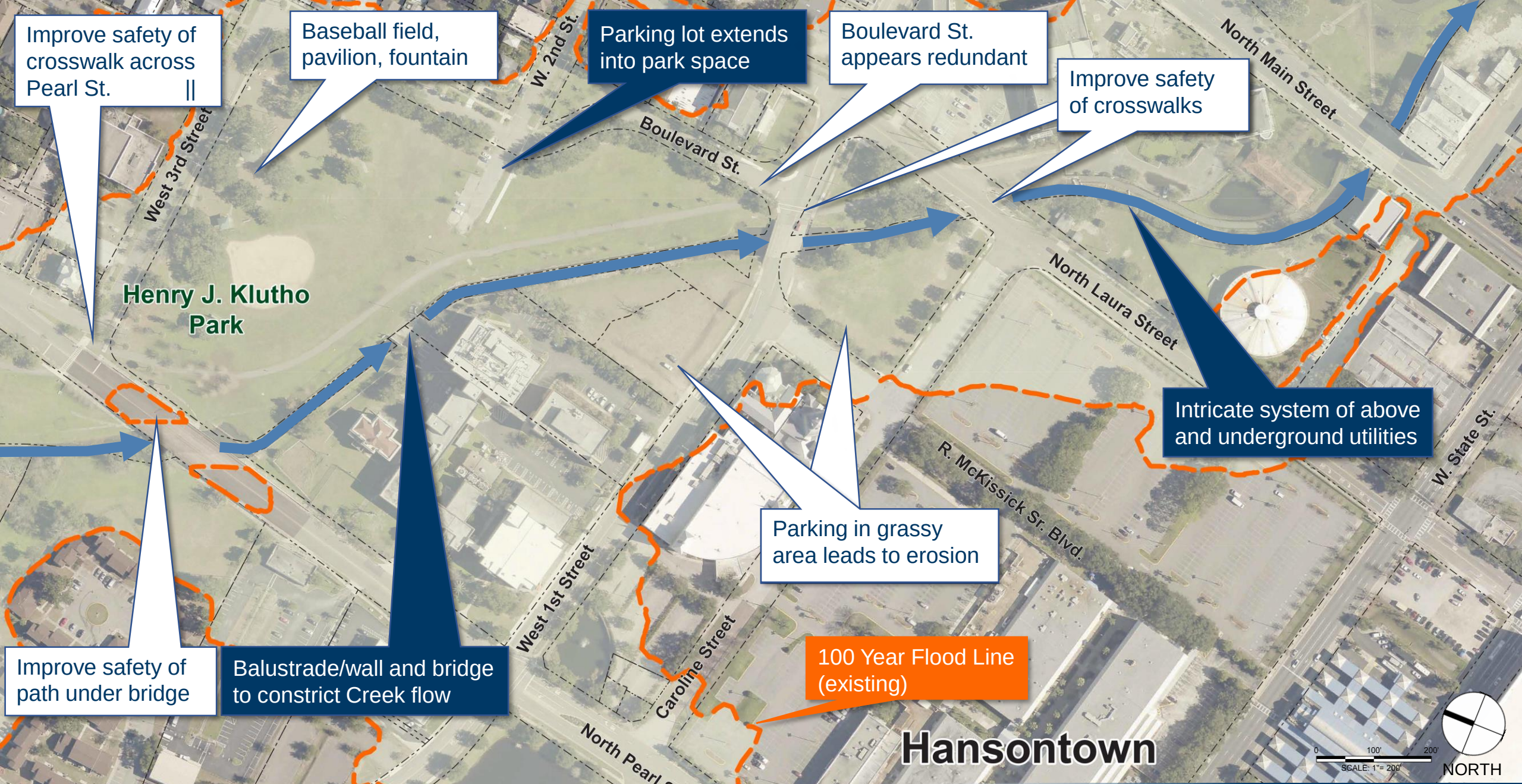


Creek Restoration

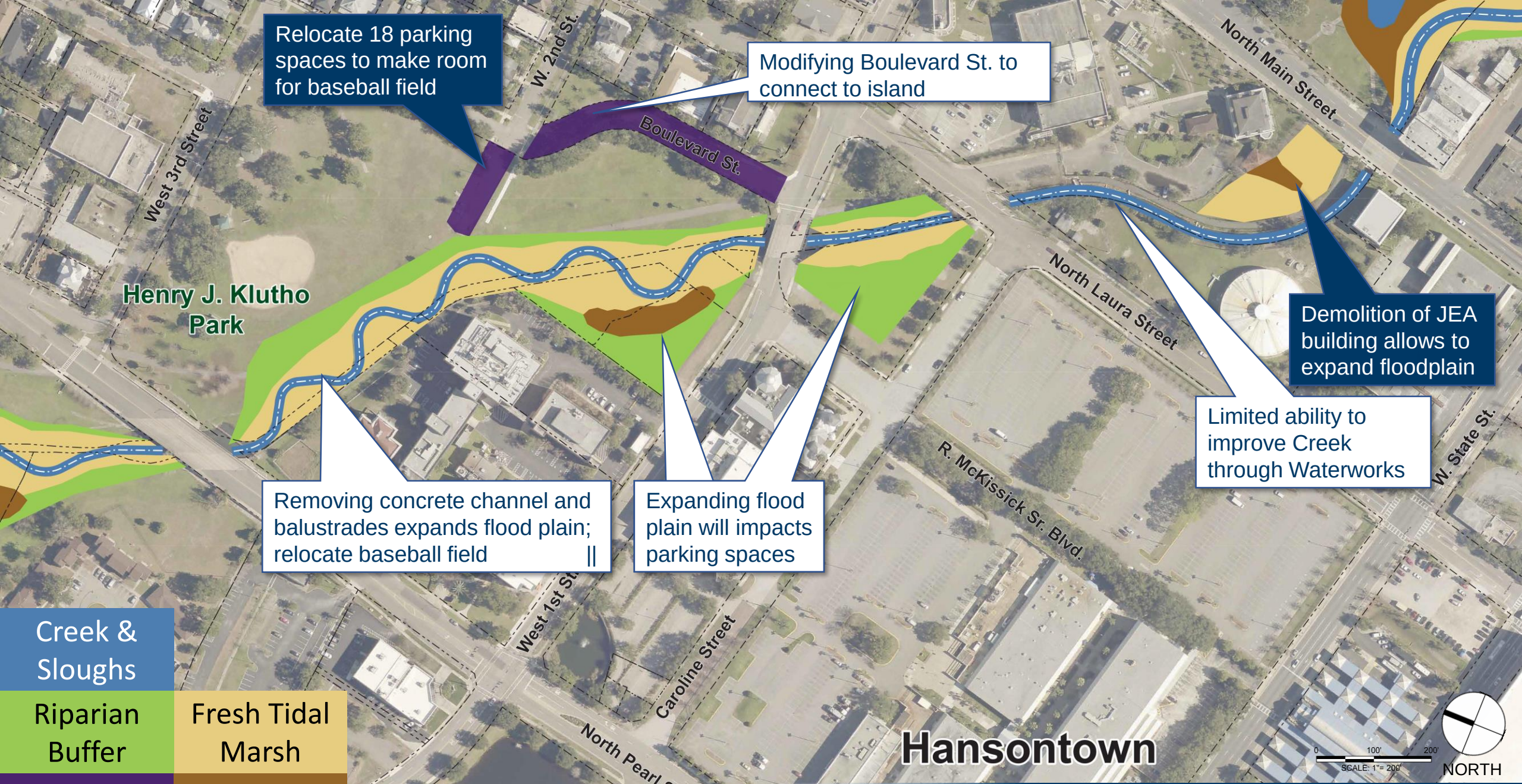
Proposed Conceptual Design

Slide Set #2: Klutho Park





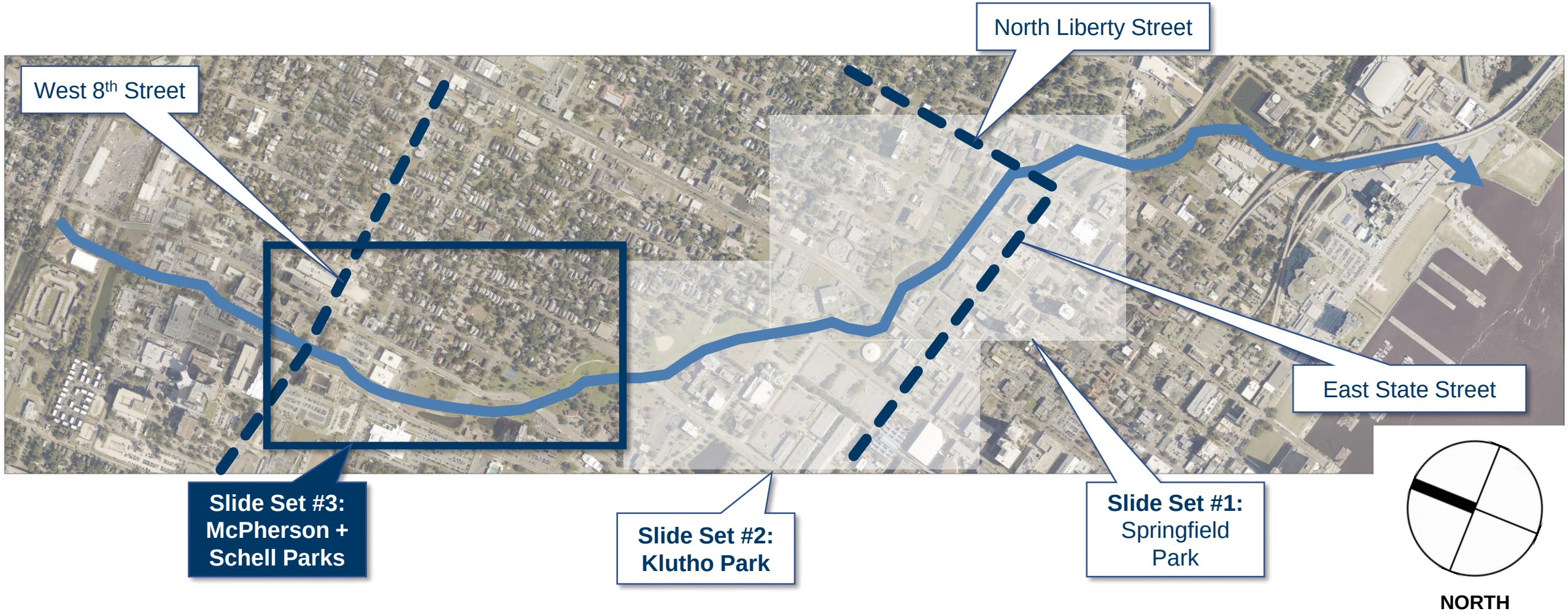
Inventory & Assessment

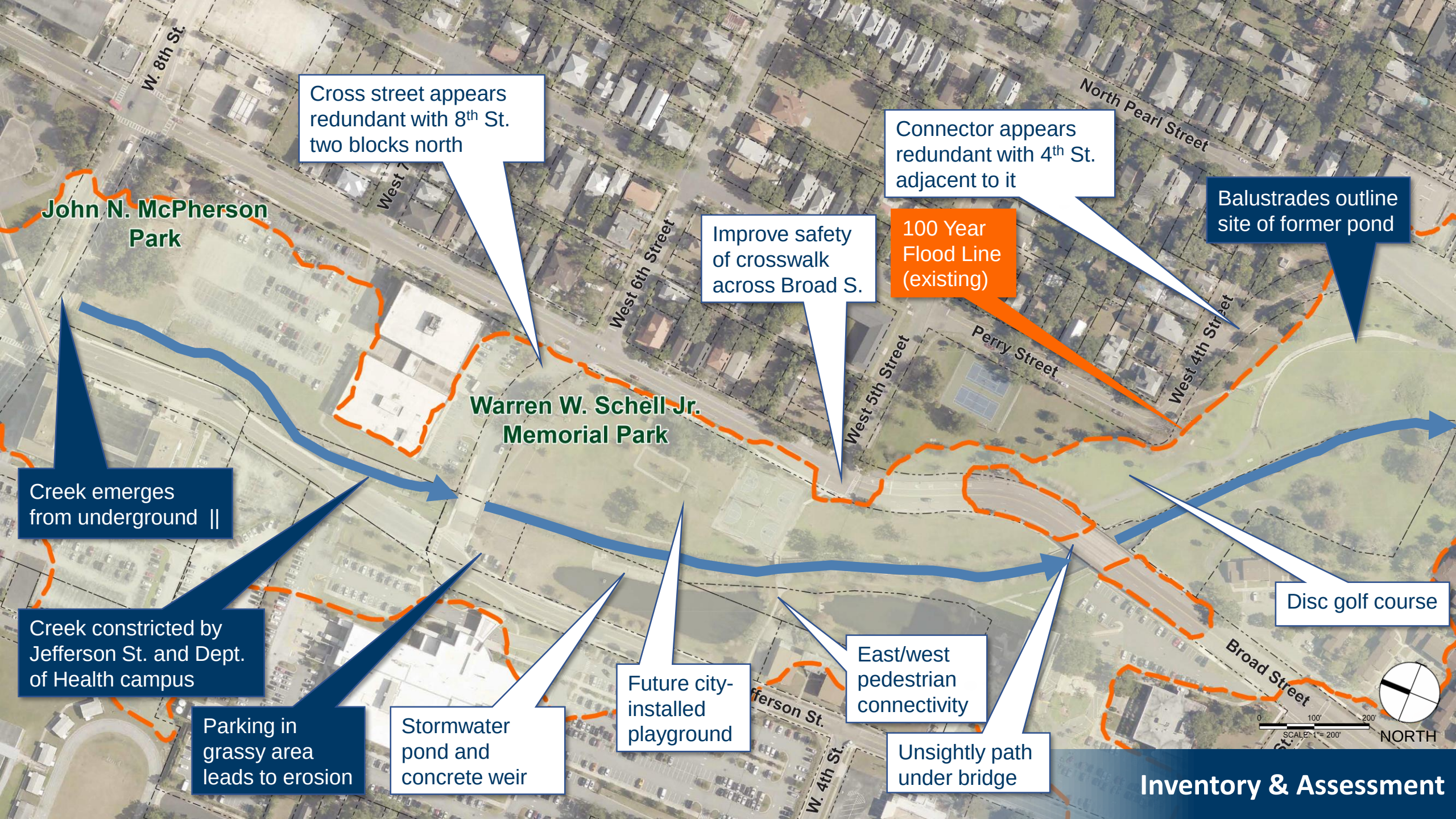


Creek Restoration

Proposed Conceptual Design

Slide Set #3: McPherson & Schell Park





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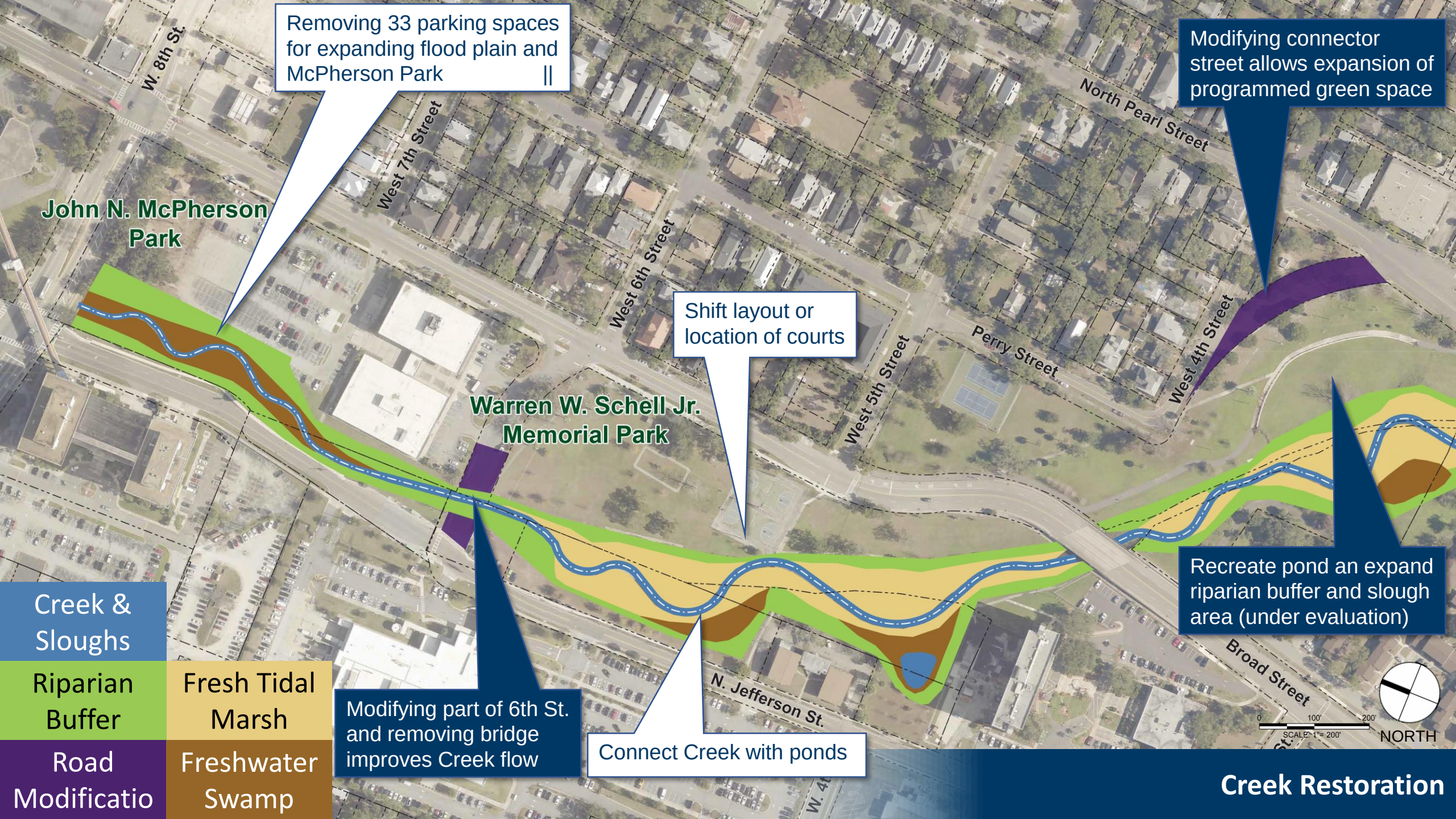
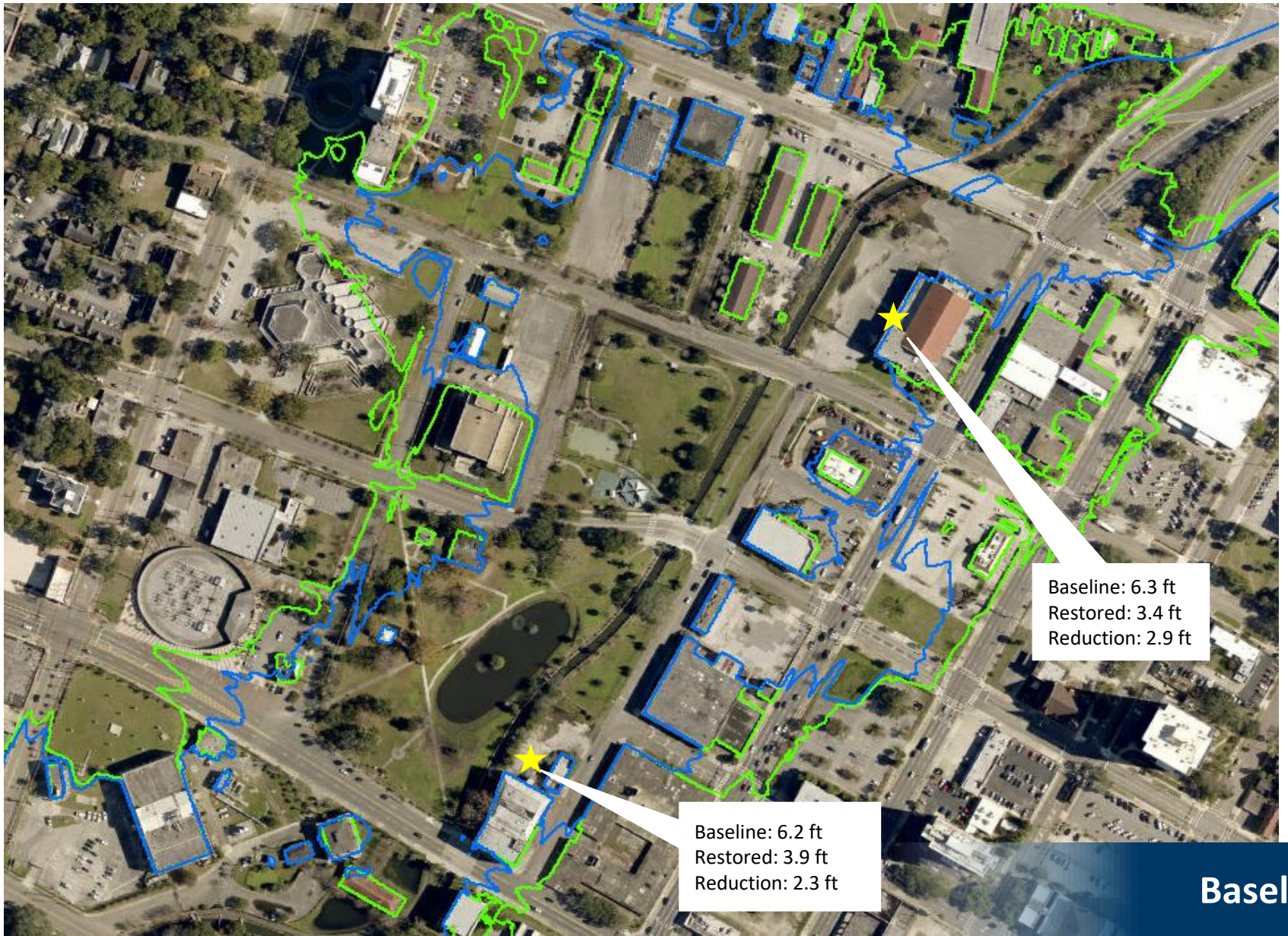


Creek Restoration

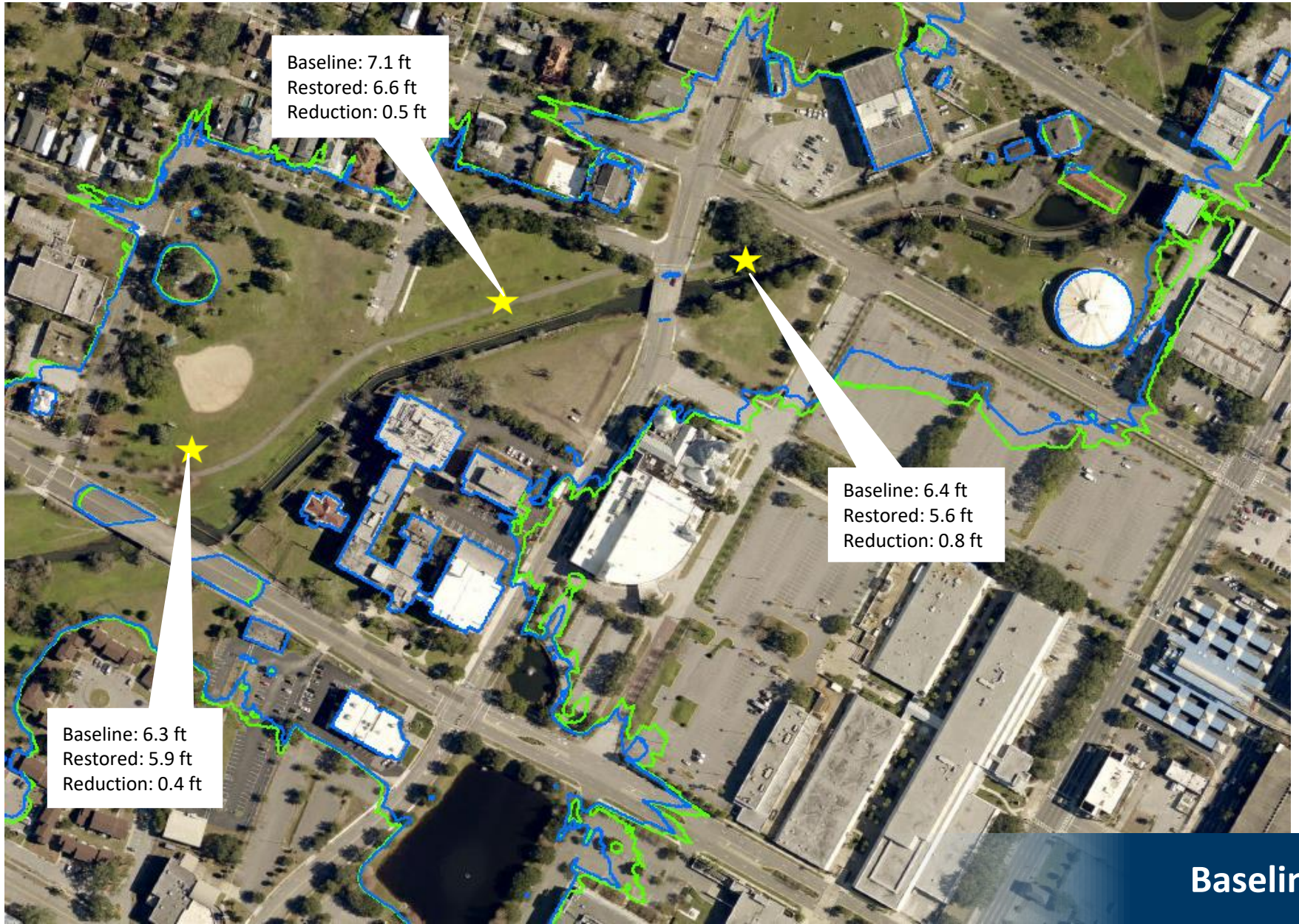
Proposed Conceptual Design

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

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