

Bicycle Advisory Committee

Infrastructure Subcommittee

May 24, 2023



PLANNING &
DEVELOPMENT
DEPARTMENT

Mission and Vision

BAC Mission

To advise and make recommendations to the commission and the director on issues related to bicycling in the city including, but not limited to, amendments to the Bike Plan, bicycle safety and education, implementation of the Bike Plan, development of strategies for funding projects related to bicycling, and promoting public participation in bicycling.

BAC Vision

By 2027, the City of Houston will be a Safer, More Accessible, Gold Level Bike-Friendly City

Infrastructure Subcommittee Roll Call

Tom Compson, Chair BAC

Joe Cutrufo, Infra SC Chair

Leah Chambers

Alejandro Perez

Jessica Wiggins

Yuhayna Mahmud

Ben Drews

Amar Mohite

Mike VanDusen

Ana Ramirez Huerta

Robin Holzer

Ian Hlavacek

David Fields

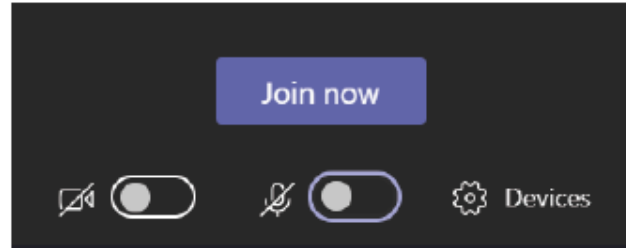
Juvenal Robles

Microsoft Teams Meeting Instructions

Agenda and Slides: <https://houstonbikeplan.org/bac/>

Join By Phone: 936-755-1521; ID 114 253 400#

Microsoft Teams Meeting Instructions



Please Remember to Stay on **Mute**, unless Identified by the Chair to speak

If you are connecting through the phone, please mute/unmute by pressing ***6**



Agenda

1. Director's Report
2. Chair's Report
3. Public Comment
4. Presentation: North and South Canal Project
5. Presentation: Introduction of GHORBA & MTB
6. Open Forum
7. Announcements/Events

The public is invited to speak for up to two (2) minutes each at the beginning of the meeting.

Director's Report

David Fields
Chief Transportation Planner,
Planning & Development Department

Chair's Report

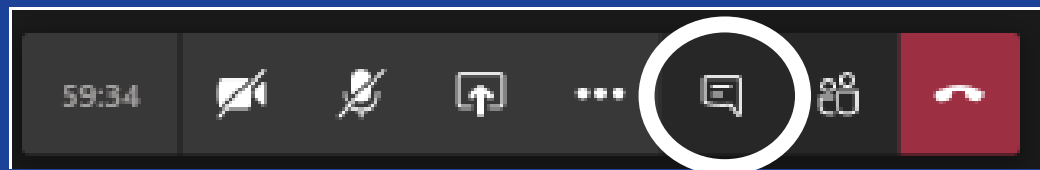
Joe Cutrufo
Chair, Infrastructure Subcommittee
BikeHouston

Public Comment

Send **written comments** to bac@houstontx.gov by 5:00pm the day before a BAC meeting. Comments will be read aloud by staff during the meeting.

Comment by **Phone**: to join dial 936-755-1521; ID 114 253 400# Press *6 to unmute when called upon by the Chair

Comment via **Microsoft Teams**: Type your name and that you would like to comment



North and South Canal Project

Kevin Hammond
Houston Public Works

CITY OF HOUSTON
HOUSTON PUBLIC WORKS
CAPITAL PROJECTS

NORTH CANAL HIGH FLOW DIVERSION CHANNEL

(WBS No. M-43E101-001-3)

Proposed Bicycle & Pedestrian Components

Presentation for
Bicycle Advisory Committee
Infrastructure Subcommittee Meeting
May 24, 2023



- Local Funding Partners: HCFCD, TIRZ5, TxDOT, COH
- Federal Funding: FEMA HMGP (Harvey)
 - 35.15% Federal, 64.85% Local
 - Purpose: flood damage reduction
 - Aesthetic enhancement limited, replacement of impacted facilities
- Current Schedule
 - June 2023 – Summer 2025 Final Design (construction plan set)
 - Spring 2026 – Winter 2029 Bid, Award, Construction
- Future Amenities Partner: Buffalo Bayou Partnership (North Canal area)
- COH Design Consultant: HDR Engineering, Inc (w/ subs)

Project Limits



Yale-Heights Area

Yale-Heights Area (West and East) - Sections

Channel Widening Visualization: Existing View Looking Upstream to Yale Street Bridge



Existing

White Oak Bayou Greenway, existing off-street bikeway

Channel Widening Visualization: After Channel Widening with Vertical Walls

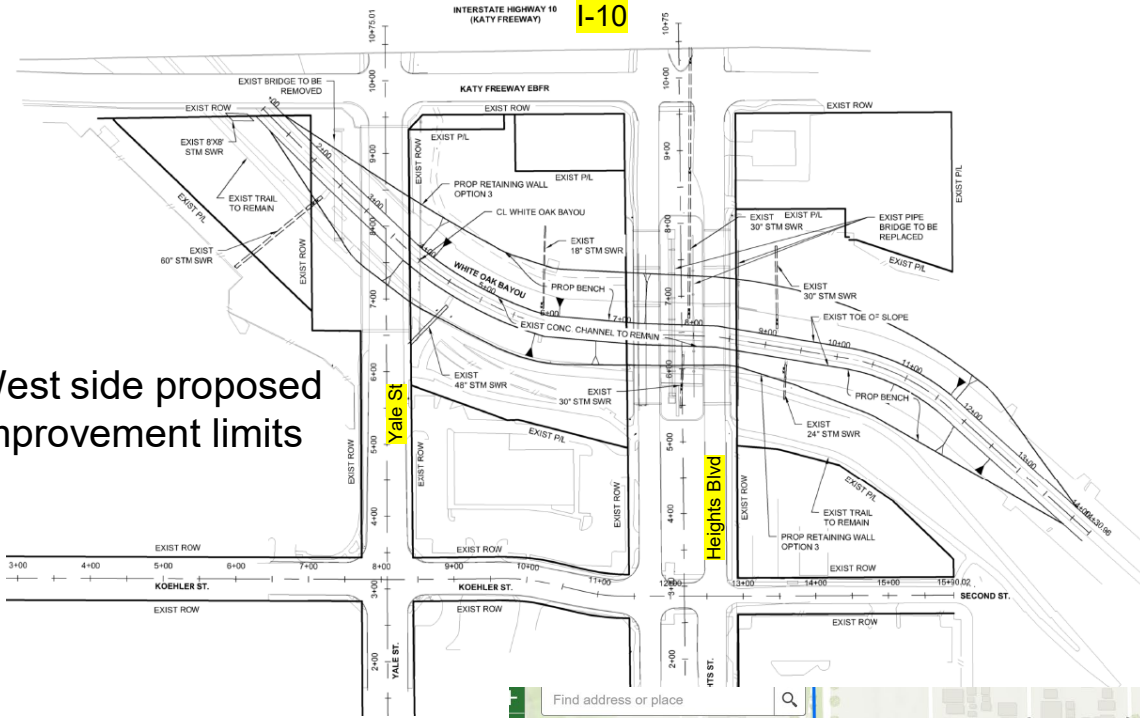


Proposed

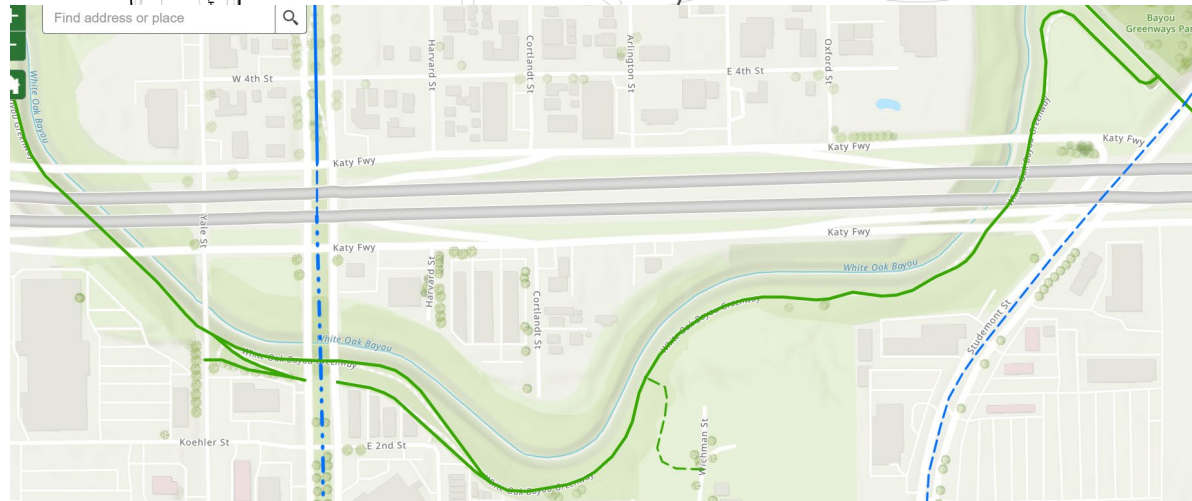
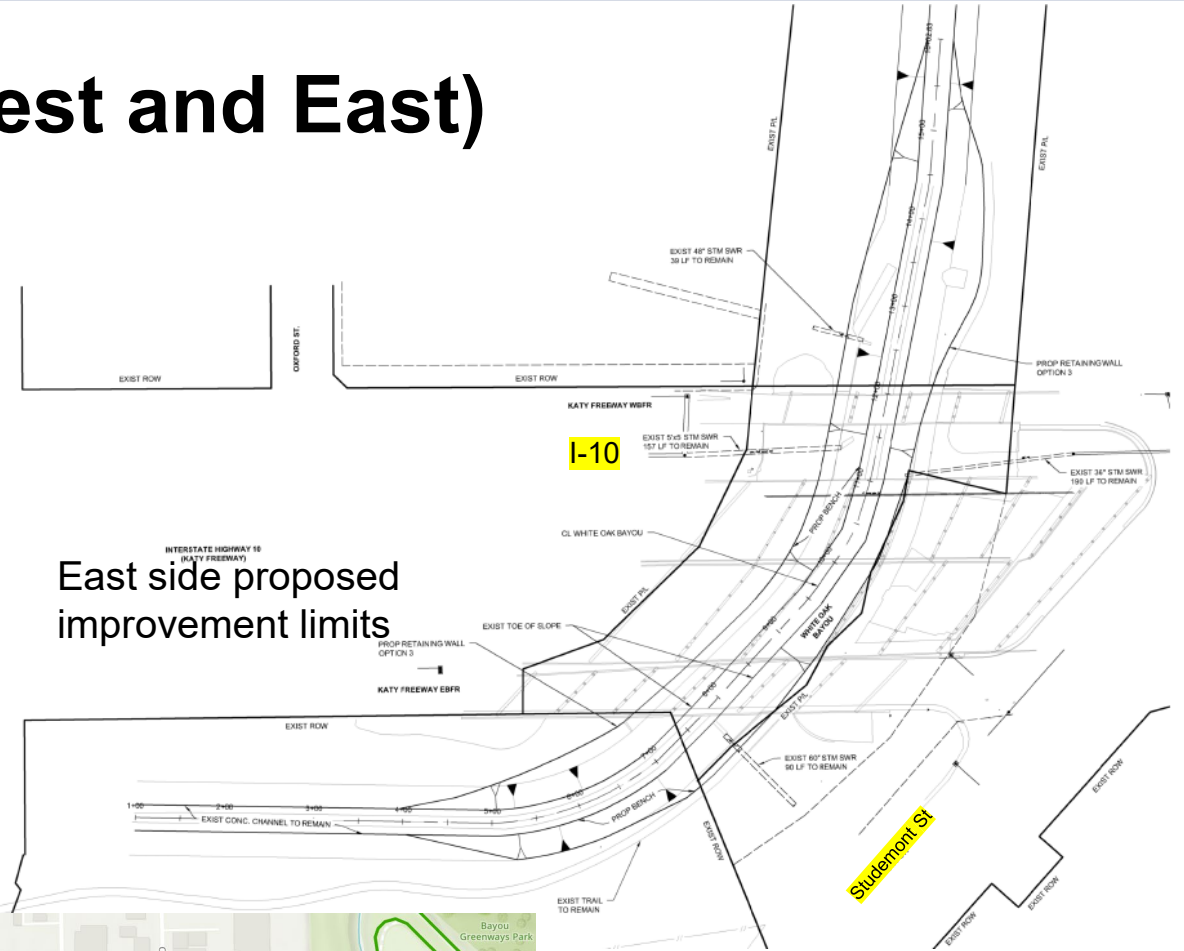
Retains existing bikeway, adds railing

Yale-Heights Area (West and East)

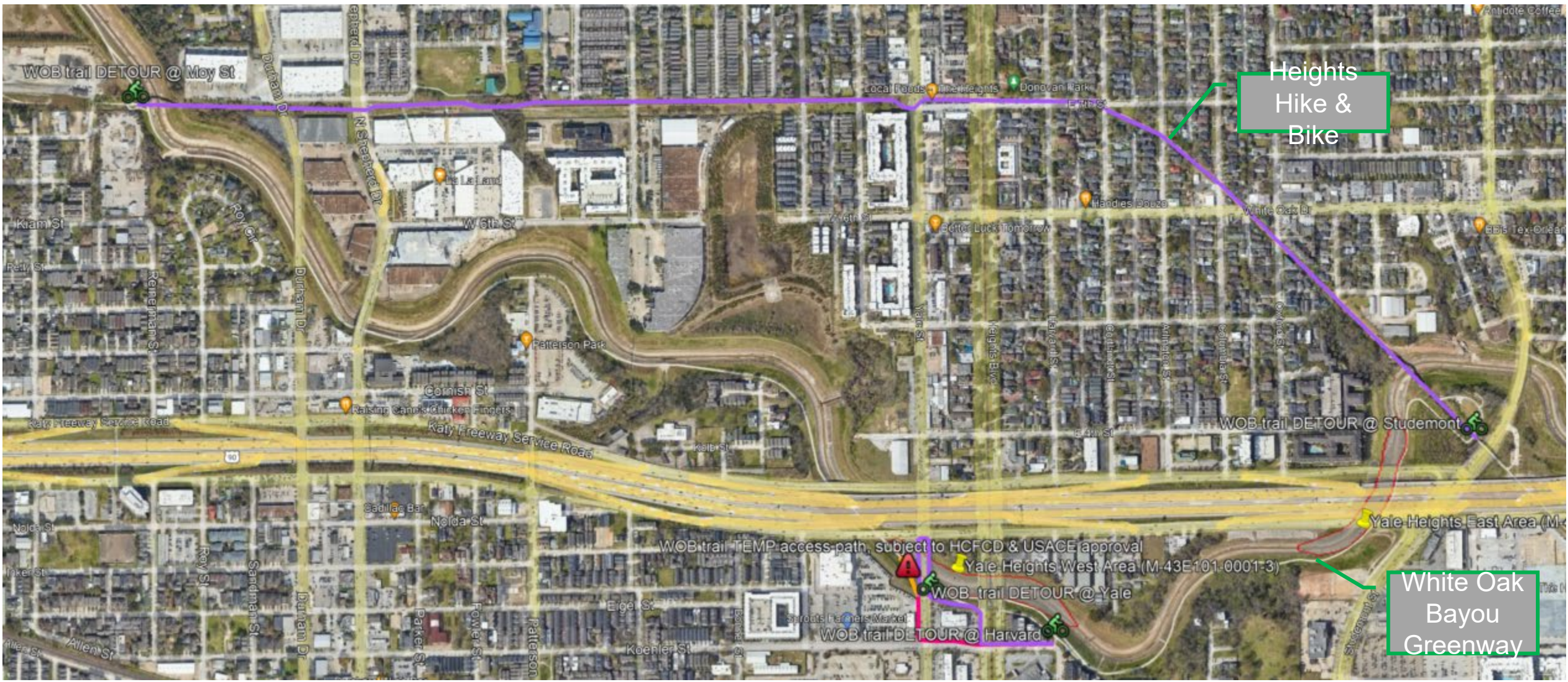
West side proposed improvement limits



East side proposed improvement limits



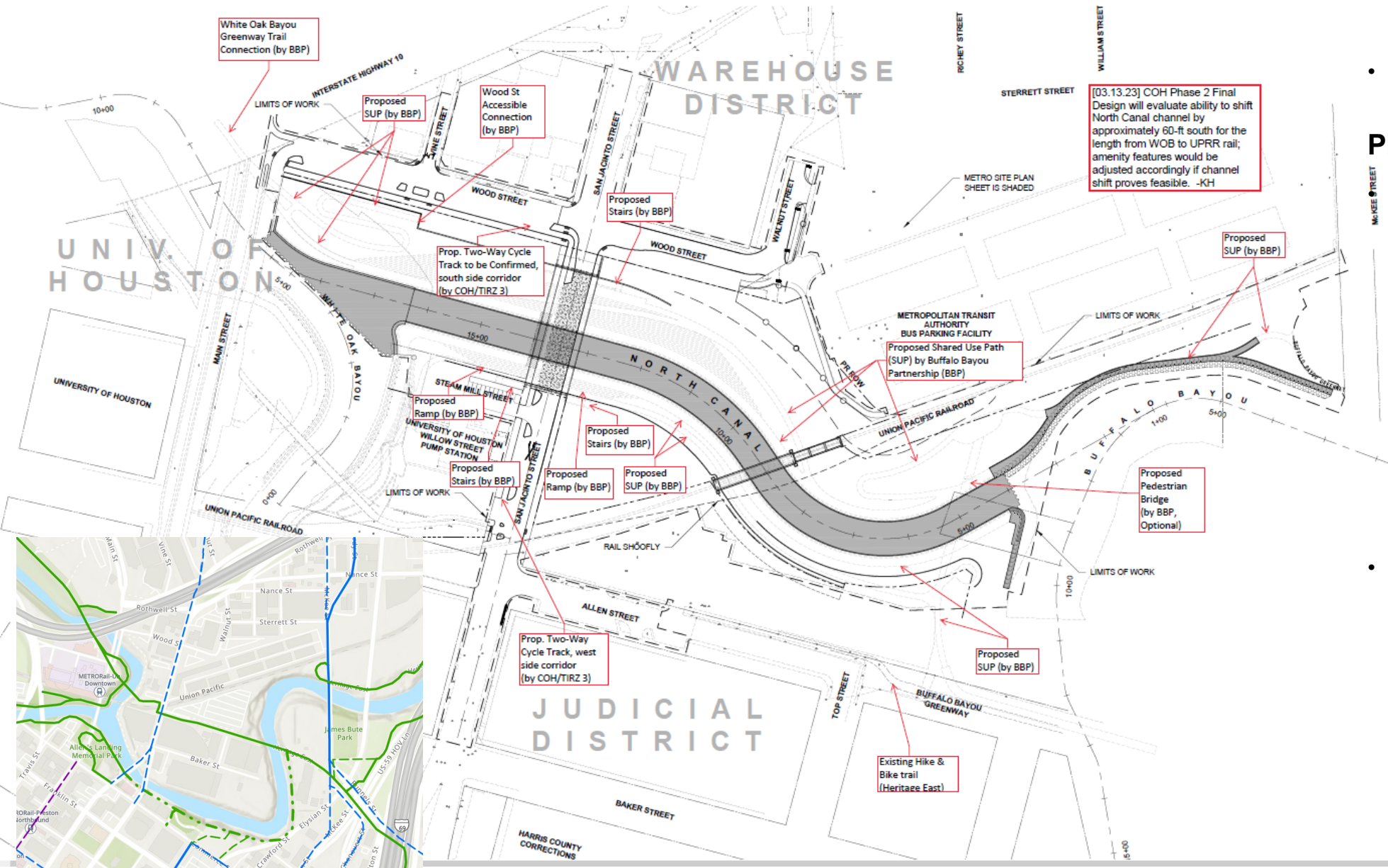
Yale-Heights Area - Temporary Traffic Control (DRAFT)



**Yale-
Heights
Area
(East) -
Temporary
Traffic
Control
(DRAFT)**

North Canal Area

North Canal Area - Overall



Existing Conditions

- Heritage East (MKT) / Heights Hike & Bike Trail, existing off-street bikeway
- White Oak Bayou Greenway Trail, off-street bikeway

Proposed:

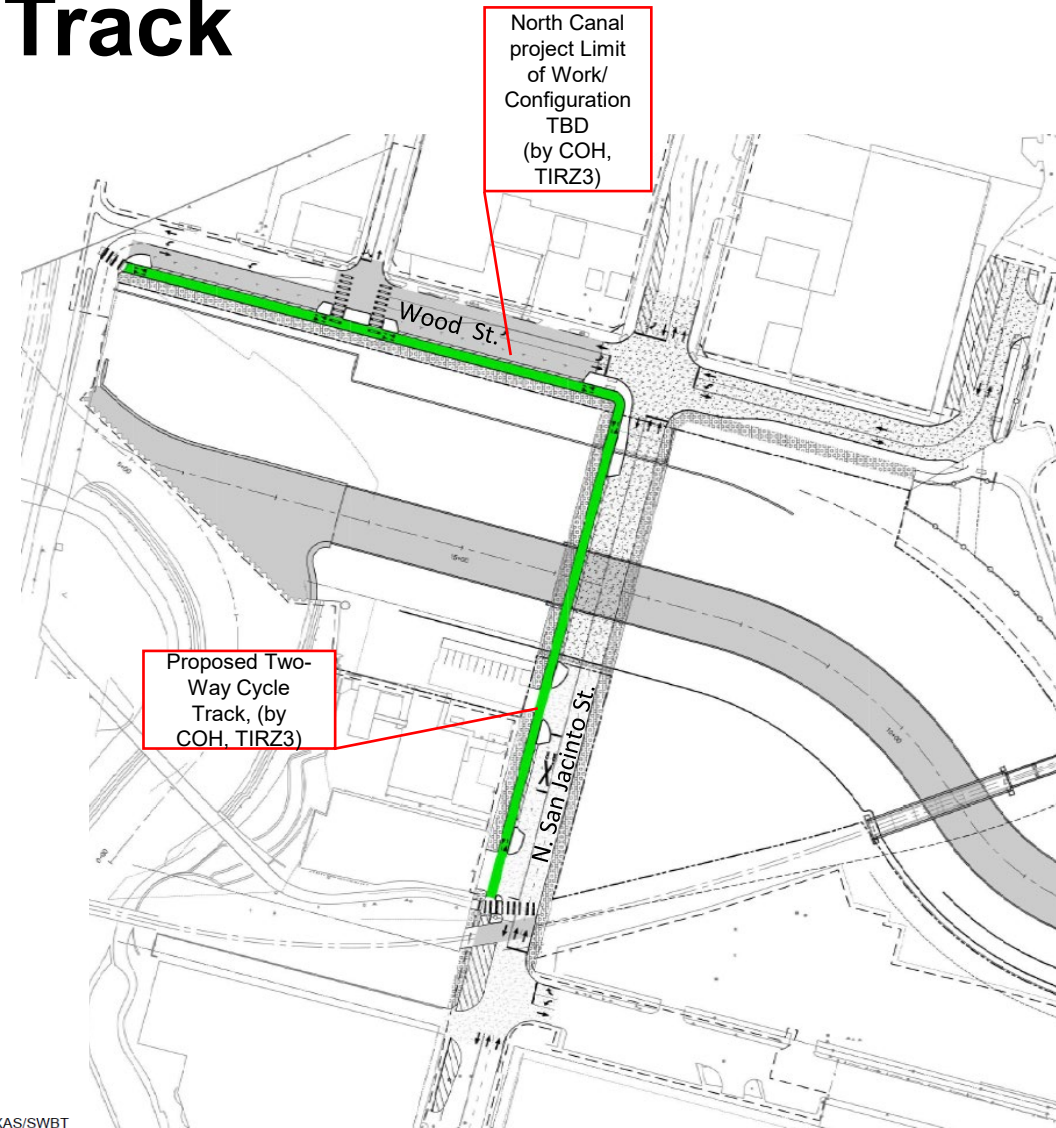
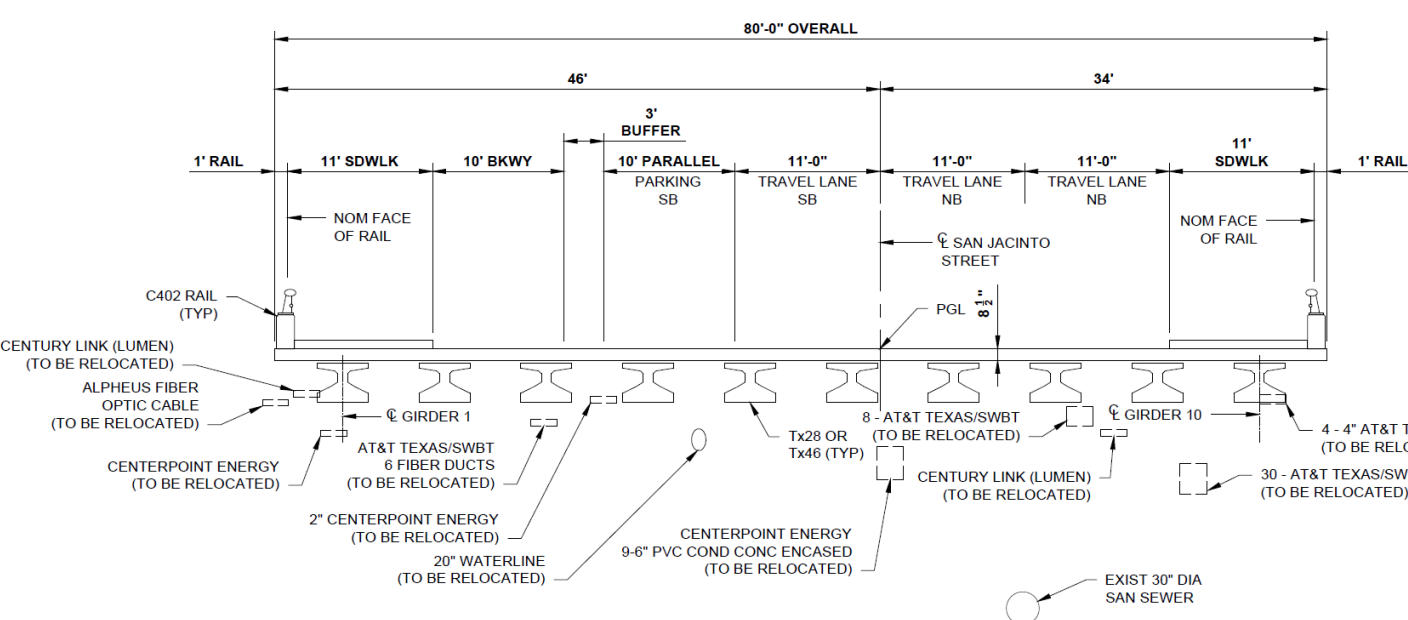
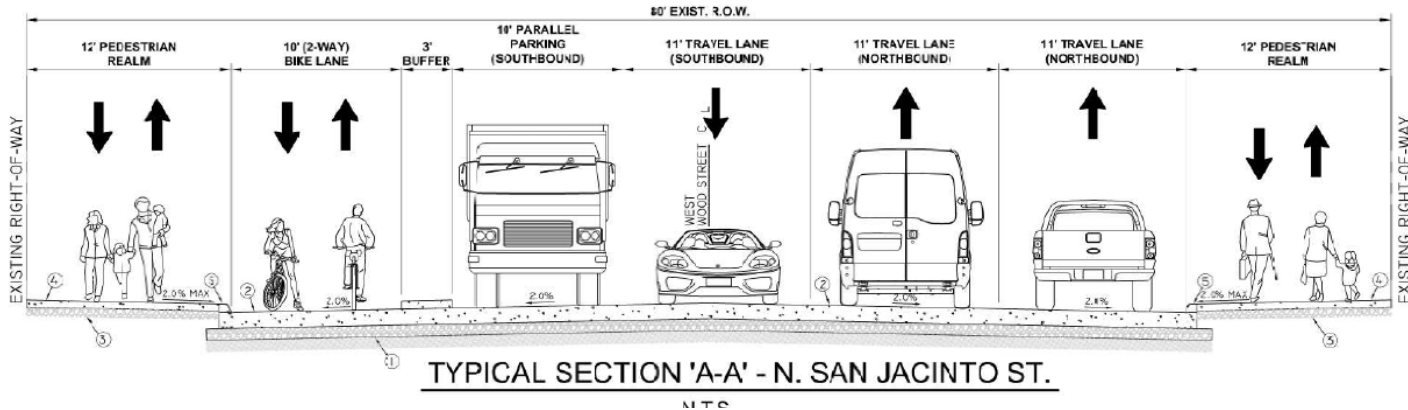
N. San Jacinto St Two Way Cycle Track

- Commerce to Allen and north of Wood St (by HDMD-TIRZ3, future project - North San Jacinto & Wood Street Preliminary Engineering; current DCR)
- Allen to Wood St (COH- NC project limits)
- Wood to First St/Main St (COH-NC, TIRZ3)
- North Canal channel SUP/trails (future amenities, by BBP)
 - Connectivity to Heights Hike & Bike (and optional bridge downstream end by BBP)
 - Connectivity to White Oak Bayou Greenway Trail (by BBP)
 - Connectivity to McKee St Trail (by BBP)

North Canal Area – Cycle Track

Proposed:

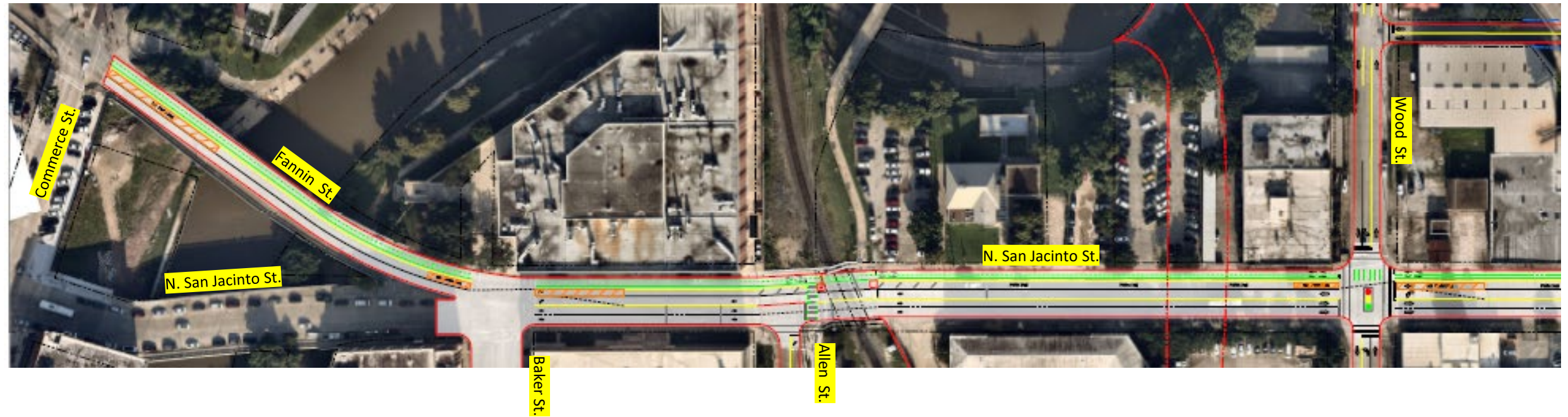
- Two-way Cycle Track on N San Jacinto to Wood St (west)



North Canal Area

N. San Jacinto Corridor – Preliminary Overall Schematic

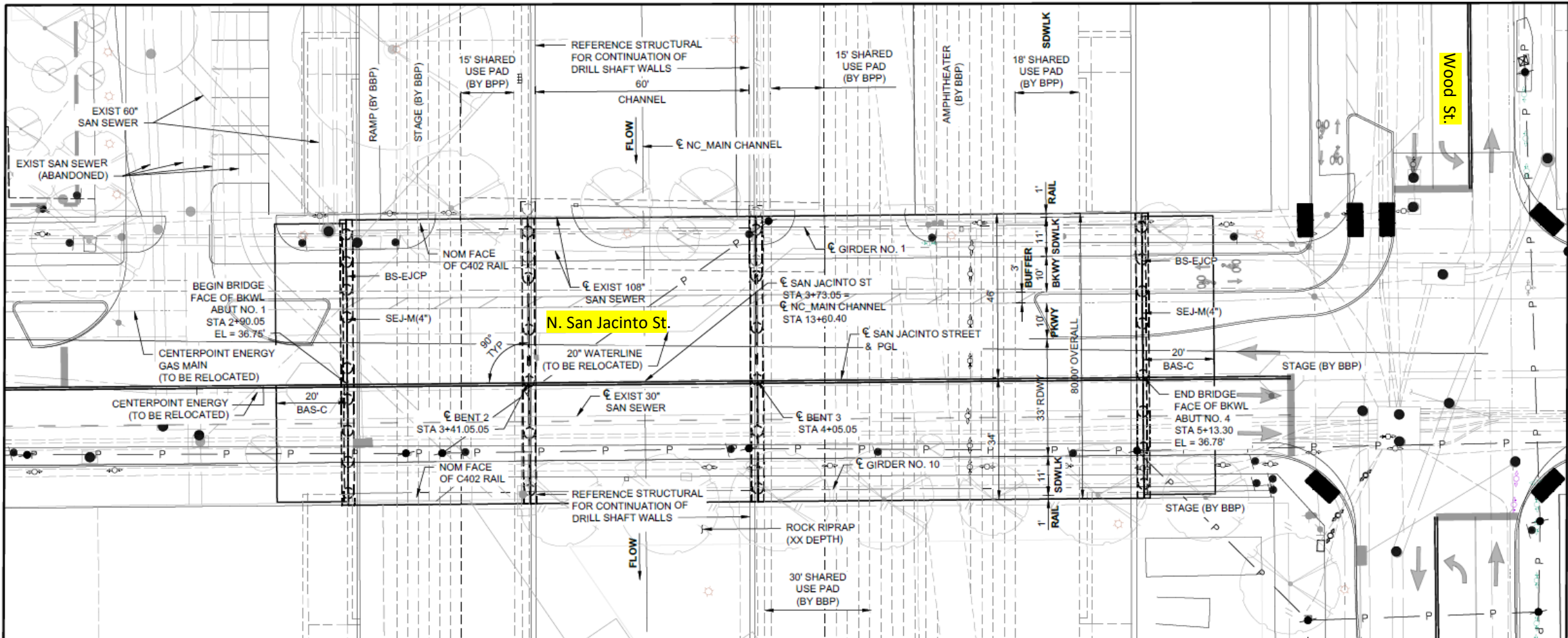
- Study by HDMD-TIRZ3, DCR effort “North San Jacinto Preliminary Engineering “
- NCHFDC project limited to N San Jacinto from Allen to Wood



North Canal Area

Proposed:

- Two-way Cycle Track on N San Jacinto to Wood St (west)

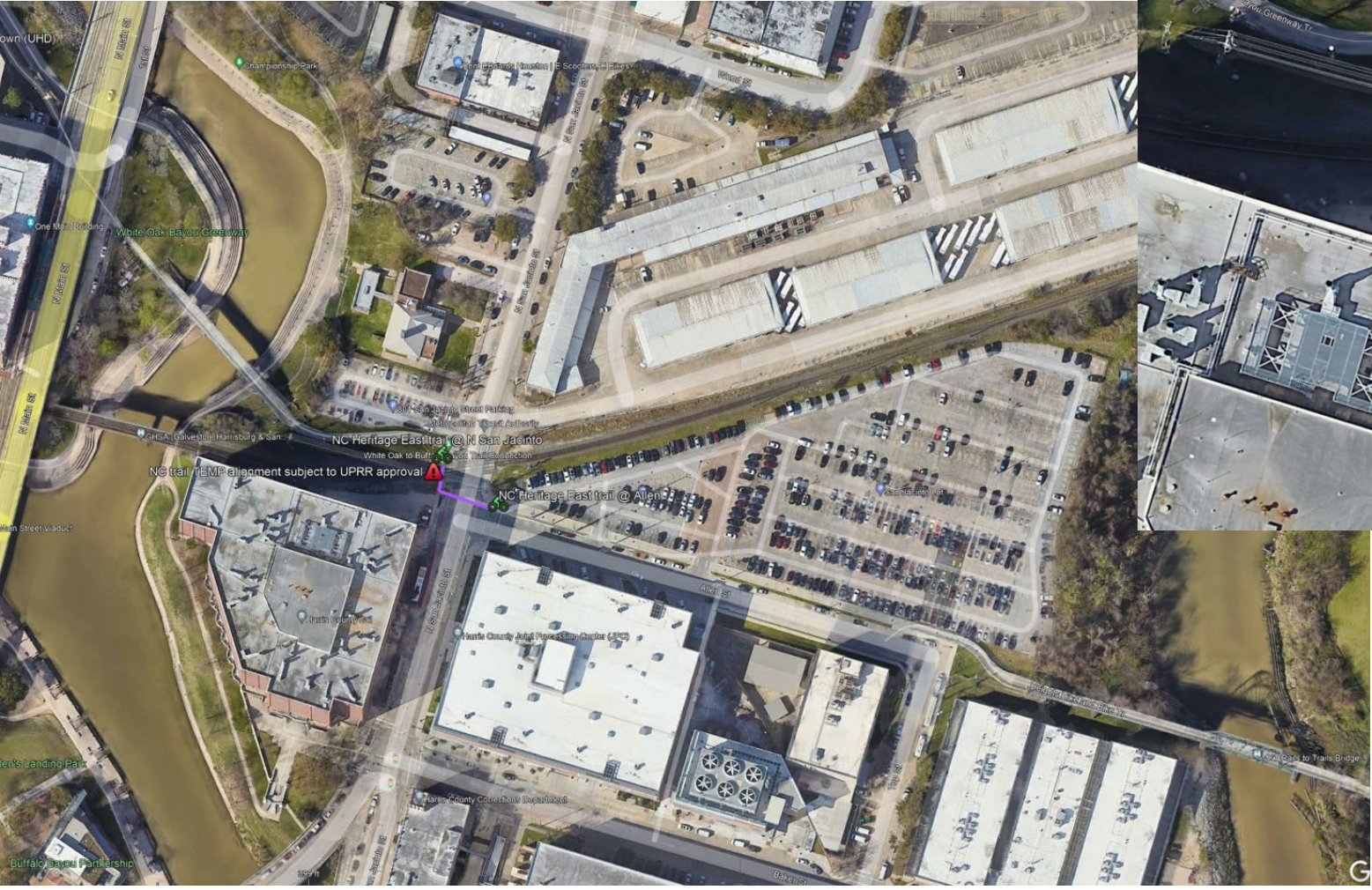


North Canal Area - Renderings

Future Amenities and Renderings (By Others)

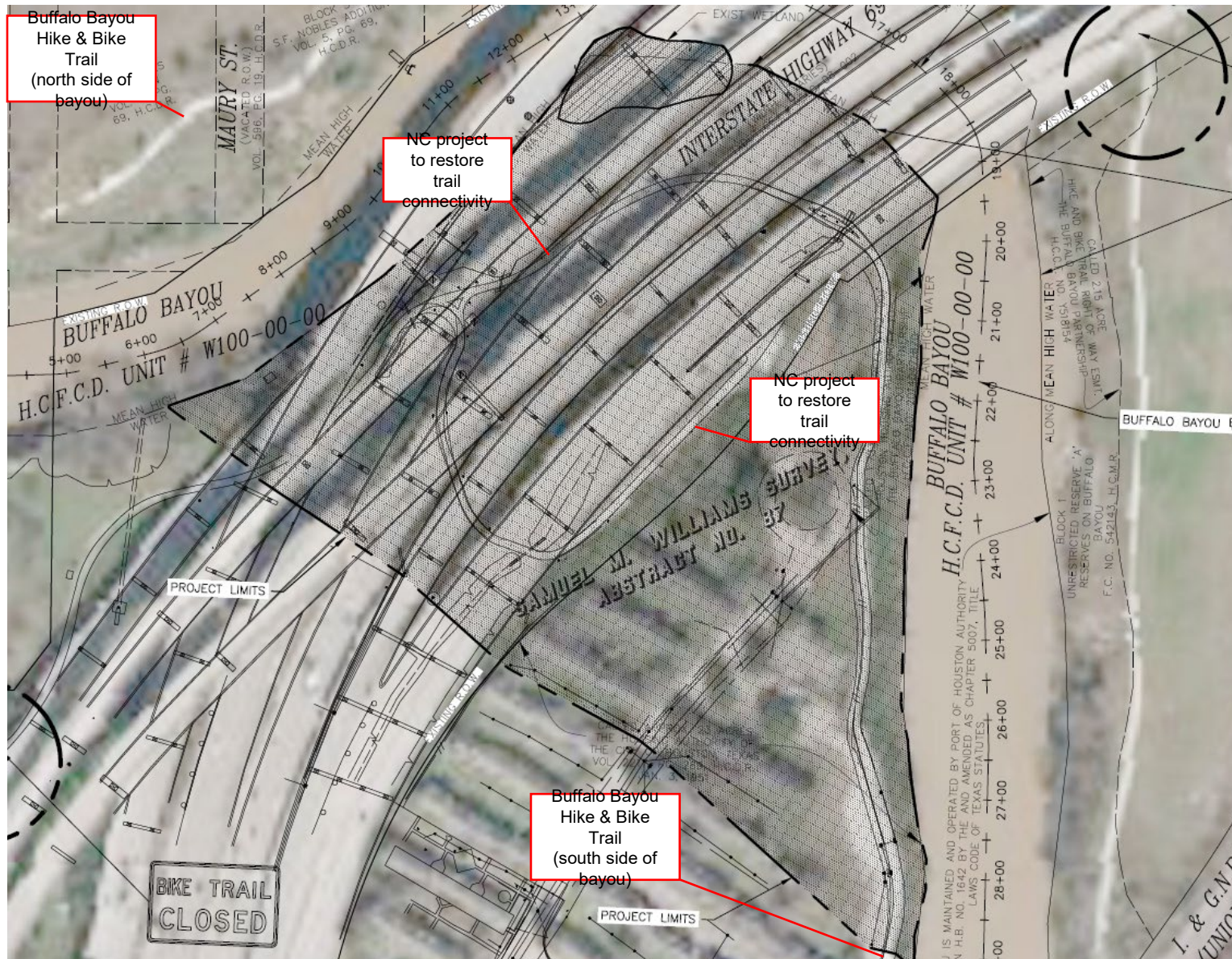


North Canal Area – Temporary Traffic Control (DRAFT)



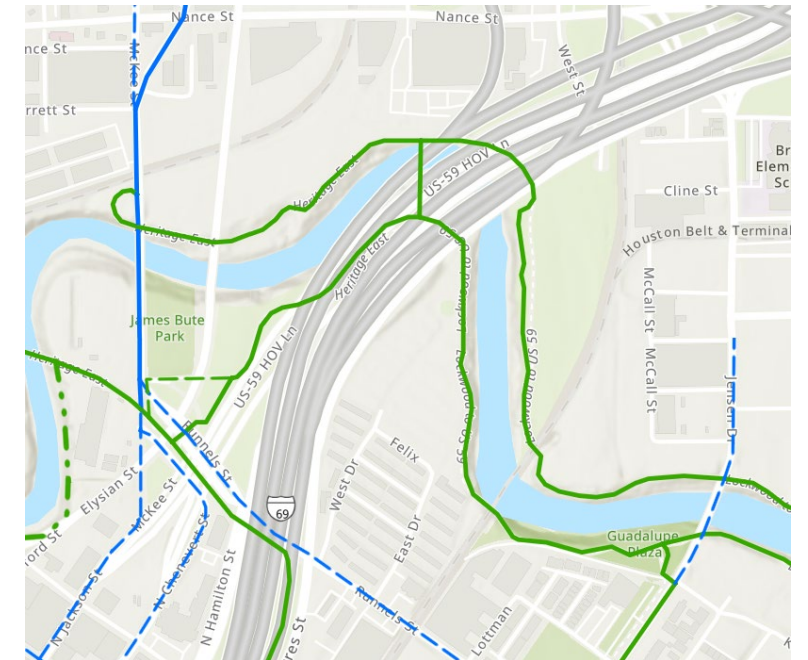
South Canal Area

South Canal Area – Existing Trails

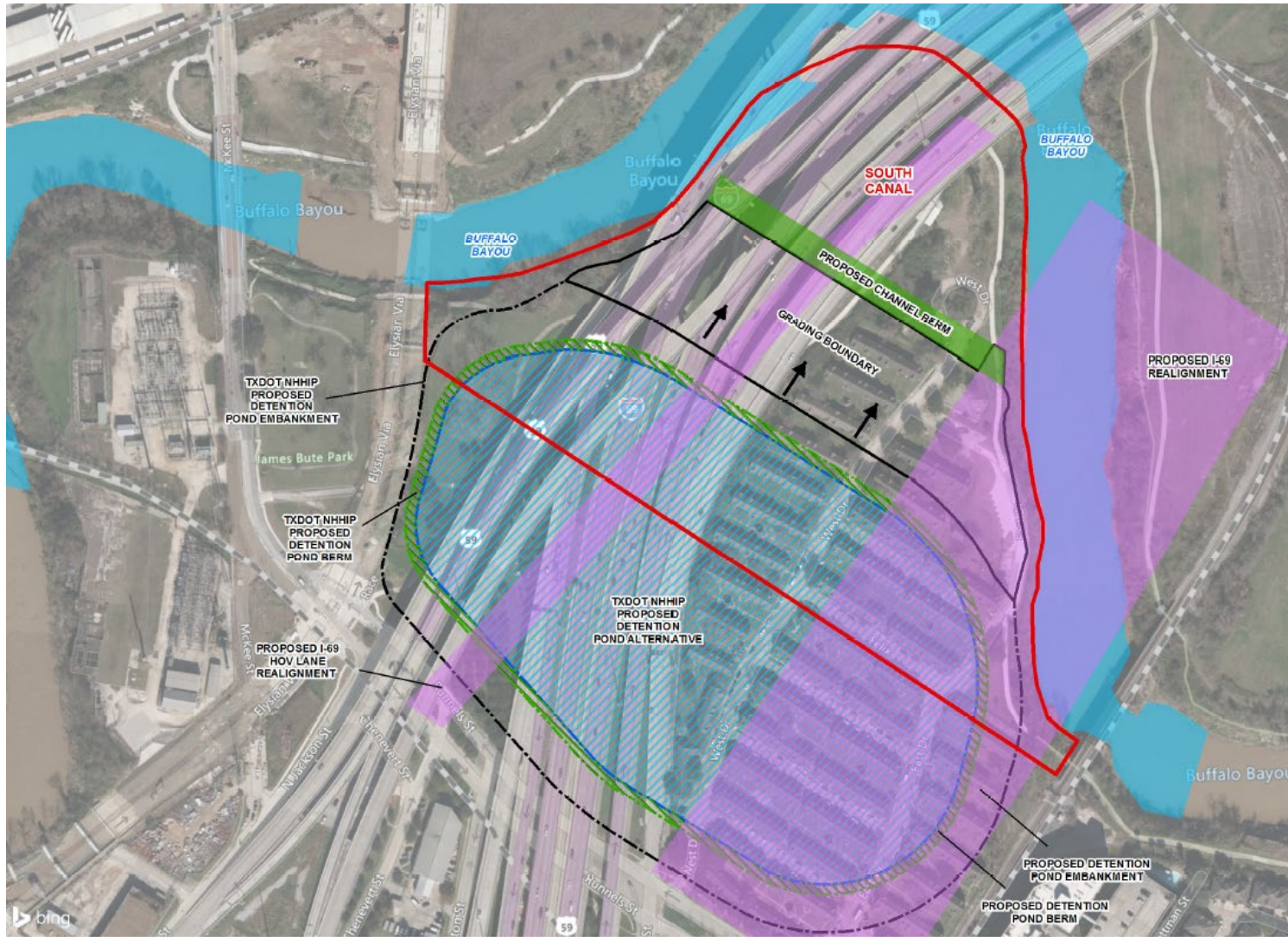


Proposed:

- Restore impacted trails (by COH-NC)
- Improvements to be determined in COH Phase 2 Final Design, see schemes next slide



South Canal Area – Proposed Improvements



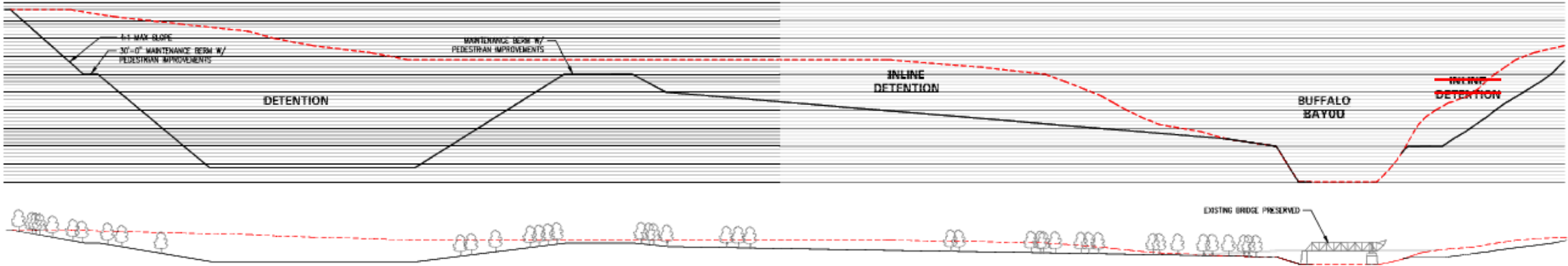
Proposed Improvements, 2 Options (TBD in COH Phase 2 Final Design):

- Trapezoidal channel
- Sloped inline detention (preferred by BBP)

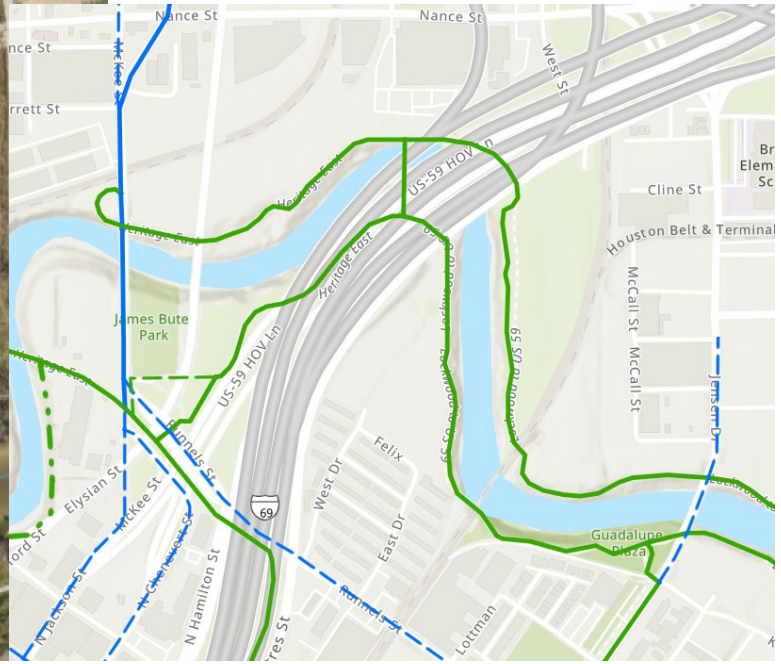
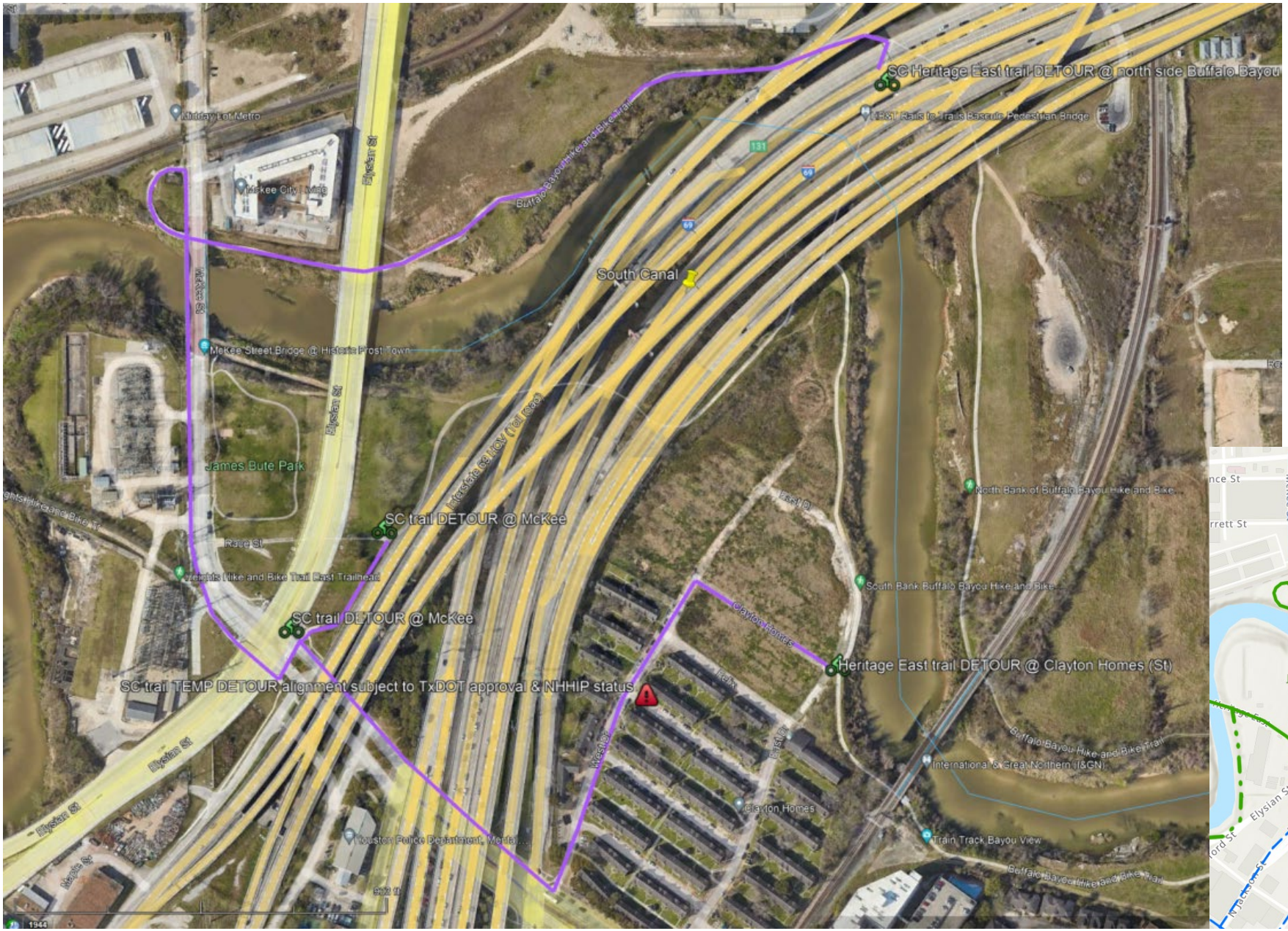
*Options contingent upon TxDOT NHHIP removal and realignment of I-59/69 infrastructure

South Canal Area – Inline Option

Future amenities by Others



South Canal Area - Temporary Traffic Control (DRAFT)

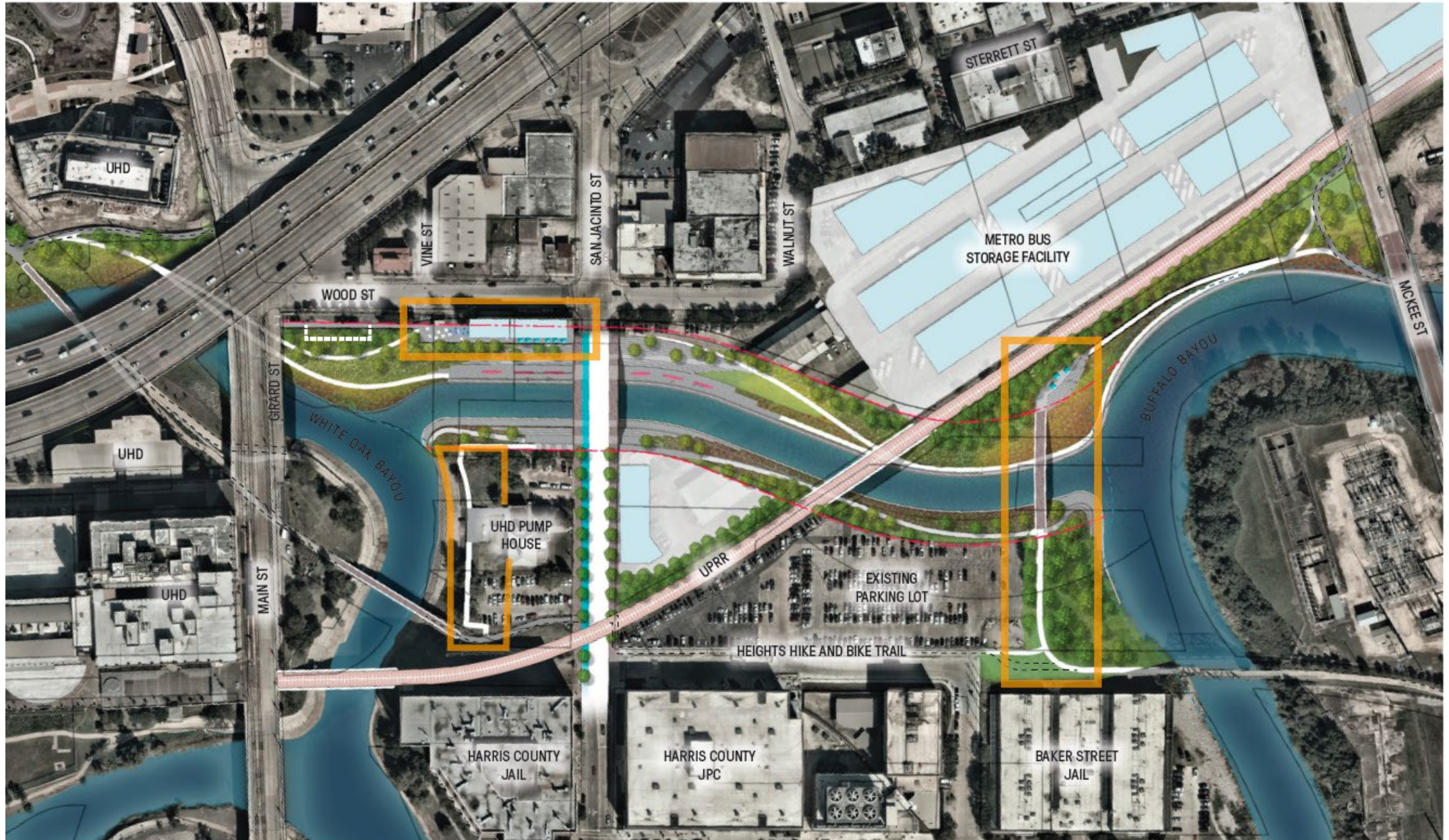


Other Exhibits

North Canal Base Project



North Canal Enhanced Project



Introduction of GHORBA & MTB

Ben Drews
GHOBRA



“Introduction of GHORBA & MTB”

Presentation for City of Houston –
Bicycle Advisory Committee

May 24, 2023

Agenda

- ▶ Mission of GHORBA
- ▶ Overview of MTB
- ▶ Why are MTB trails important
- ▶ Where are GHORBA Trails
- ▶ A look at each System
- ▶ MTB and Risk
- ▶ Can Houston learn from Bentonville
- ▶ Questions

Our Mission

- ▶ Greater Houston Off-Road Biking Association (GHORBA) promotes natural surface trails by working with all trail users and land managers to advocate for trail expansion and maintenance.



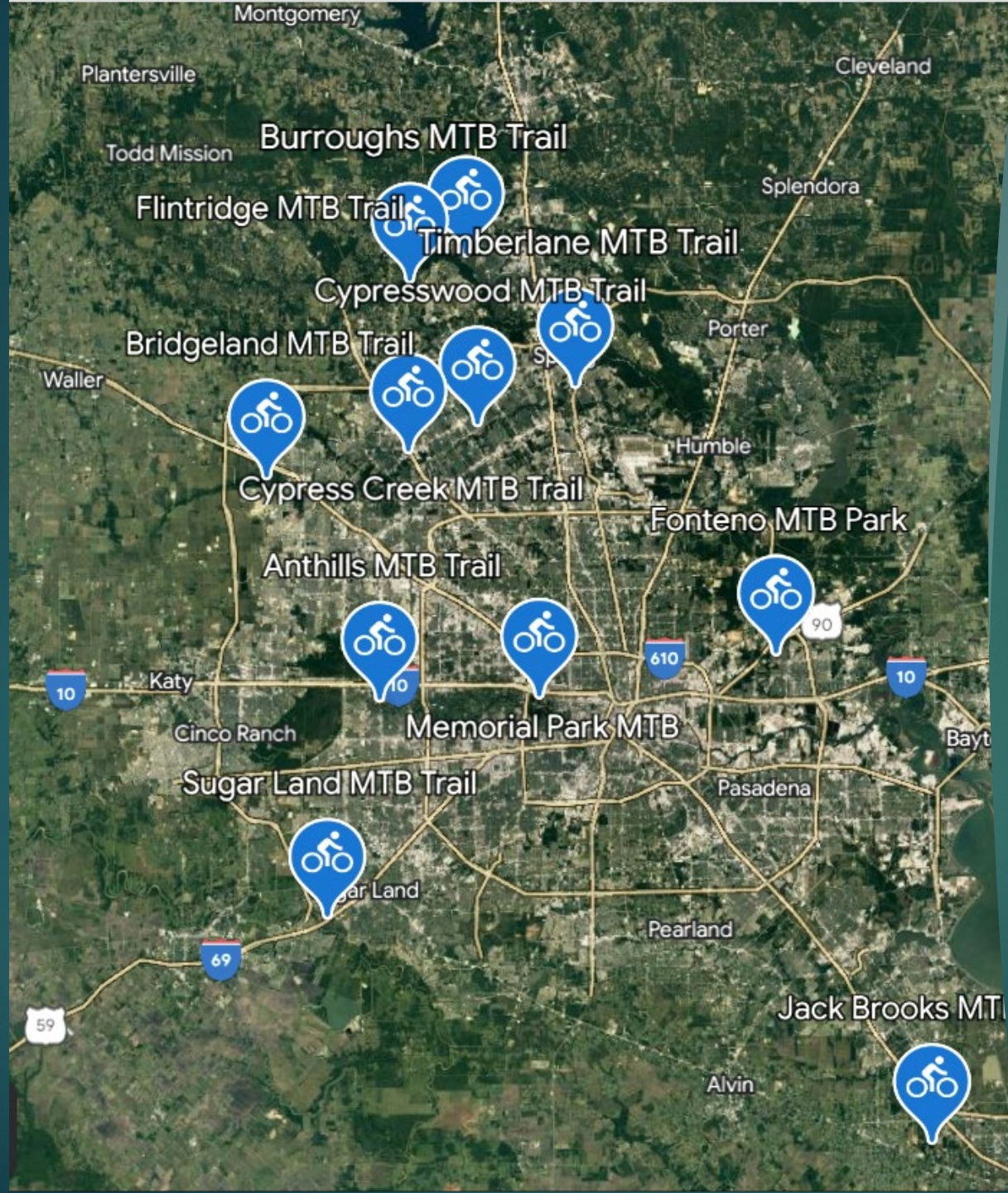
Overview of MTB

- ▶ MTB is defined as riding over rough or technical terrain on a bike with a strong frame, wide tires, and many gears.
- ▶ Disciplines of MTB include but are not limited to downhill, Cross Country, slope style, and enduro.
- ▶ You don't need mountains to be able to enjoy mountain biking.



Why are
MTB Trail
Important?





Where
are
GHORBA
Trails?

Trail Breakdown

- ▶ Burroughs Park 5 miles
- ▶ Flintridge 4 miles
- ▶ Fonteno 2 miles (New)
- ▶ Timberlane 4 miles
- ▶ Bridgeland 10+ miles
- ▶ Cypresswood 12 miles
- ▶ Sugar Land 15+ miles
- ▶ Memorial Park 7+ miles
- ▶ Cypress Creek 10+ miles
- ▶ The Anthills 8+ miles
- ▶ Jack Brooks 6.5 miles



MTB and Risk



MTB and Risk



Can Houston learn from Bentonville?

- ▶ Over 2000 miles of undeveloped bayou land connecting all of Houston
- ▶ We don't have mountains, but we have a unique ecosystem to be explored
- ▶ Bentonville saw \$86 million dollars in health benefits in 2017
- ▶ 27% of Bentonville residents rode their bikes 6 or more days which is 11 percent higher than the national average

Benefits of GHORBA

- ▶ GHORBA can help rally volunteers and build future trails
- ▶ Trails are a low investment for the taxpayer with a high return on health and wellness
- ▶ We provide a \$25K dollar accident policy to our members whenever and wherever they ride a bike
- ▶ Trails help reduce crime
- ▶ GHORBA leads clean up activities to remove trash and debris
- ▶ GHORBA can also partner with different entities to manage the wildlife and foliage of the trail





Questions and Discussion

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- ~~2. Chair's Report~~
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- ~~4. Presentation: North and South Canal Project~~
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- 6. Open Forum**
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Open Forum

Announcements and Events

Announcements

Next Meetings

- Education Subcommittee: June 28, 2:30-4:30pm
- Bicycle Advisory Committee: July 26, 2:30-4:30pm
- Infrastructure Subcommittee: August 23, 2:30-4:30pm

Thank You



PLANNING &
DEVELOPMENT
DEPARTMENT

832-393-6600 | www.houston.tx.gov/planning