

Harris County Flood Control District

Brays Bayou Flood Damage Reduction Project

GREENBRIAR, STELLA LINK & BUFFALO SPEEDWAY

CONSTRUCTION UPDATE

July 10, 2019

AGENDA

INTRODUCTION

Raynese Edwards

SPEAKER

Gary F. Zika, PE

HCFCFCD OVERVIEW & PROJECT BRAYS

Greenbriar, Stella Link & Buffalo Speedway

QUESTIONS

CLOSING to OPEN HOUSE

Raynese Edwards

1937



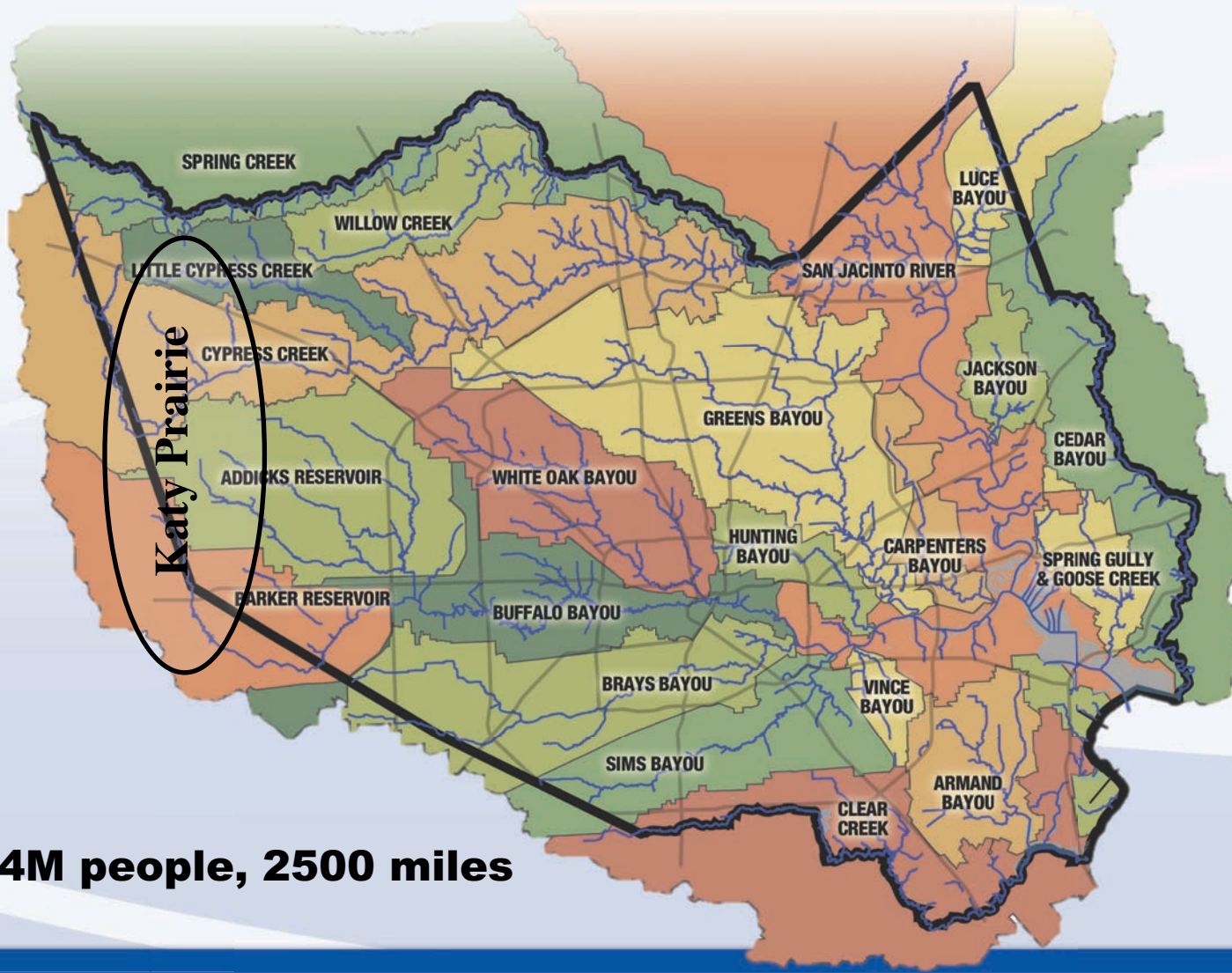
"WILD RIVER"
A
PICTORIAL PETITION
PRESENTED TO THE
STATE AFFAIRS COMMITTEES
of the
45th LEGISLATURE
in joint session assembled
at Austin, Texas, March 4th, 1937.
URGING FAVORABLE CONSIDERATION OF
Senate Bill Number 134, and
House Bill Number 234.

Creating the Harris County Flood Control District, and donating and granting to such district by the State of Texas, for a period of ten years, one-half of the ad valorem taxes collected for general revenue purposes upon the property and from persons in Harris County, such fund to be used for the purposes of preventing continued public calamity caused by such floods, and to construct improvements to control flood waters in said district, and to

The District is Created

WATERSHEDS

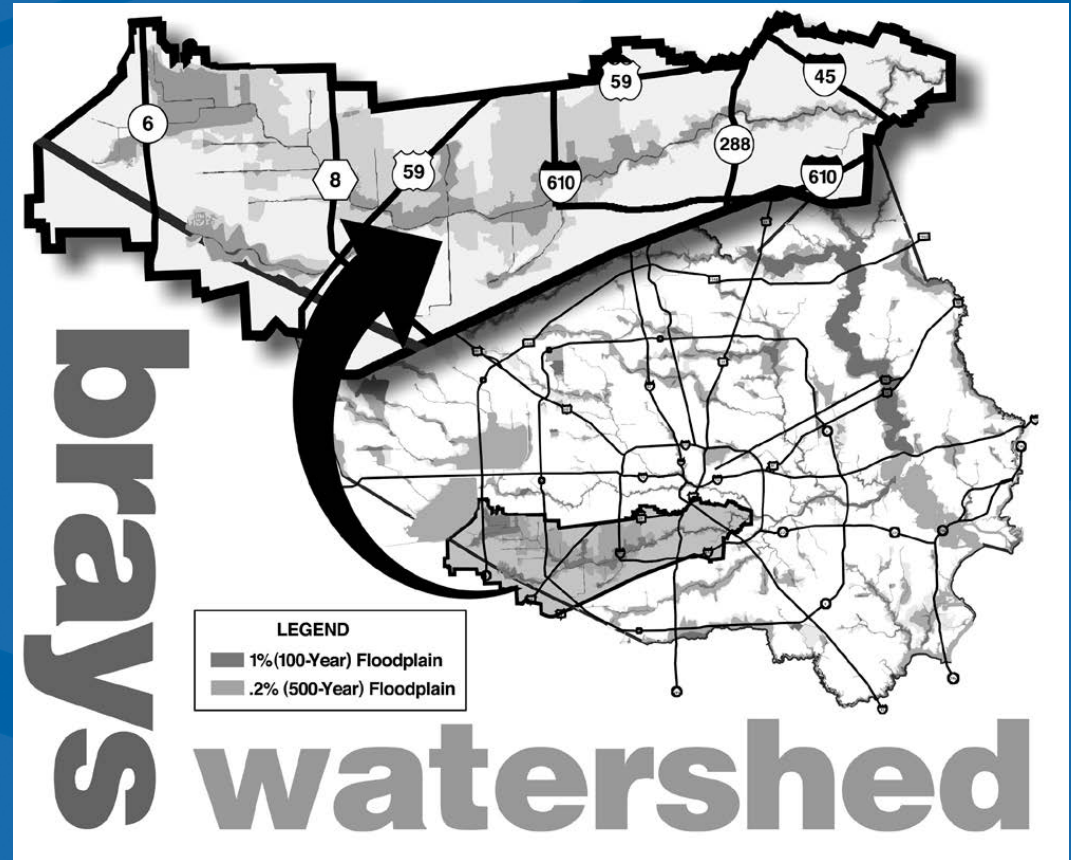
A geographical region of land or "drainage area" that drains to a common channel or outlet, mostly creeks and bayous in Harris County. Drainage of the land can occur directly into a bayou or creek, or through a series of systems that may include storm sewers, roadside ditches, and/or tributary channels.



1800 Sq M, 4.4M people, 2500 miles

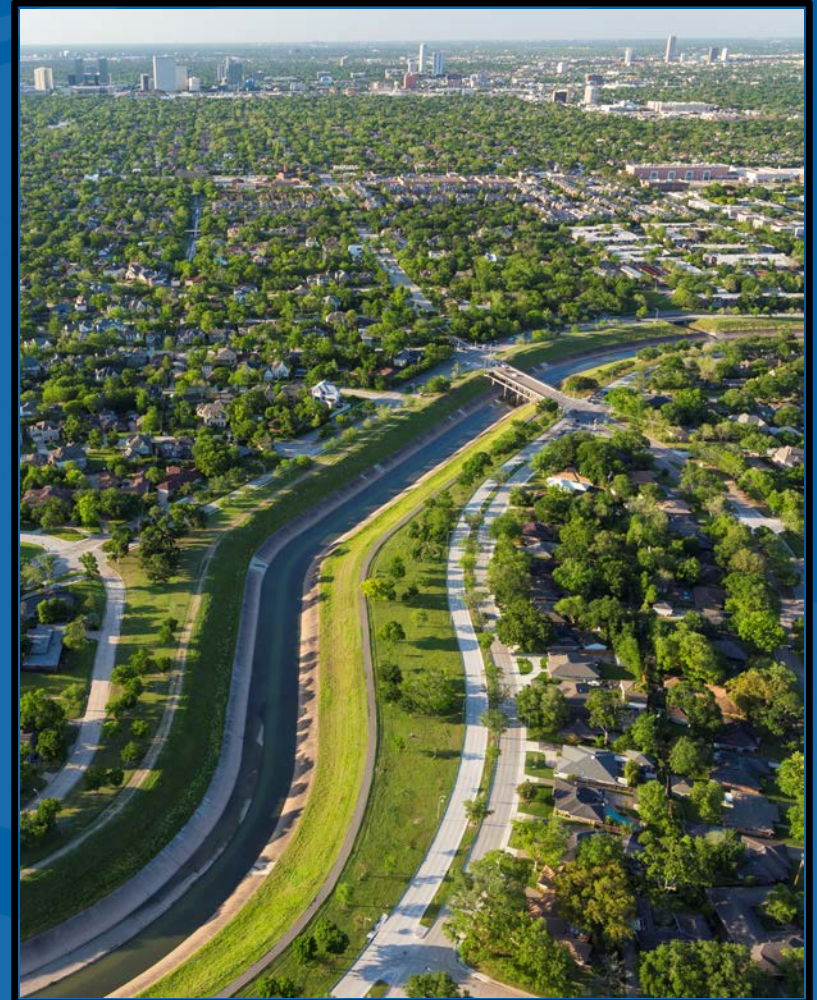
Brays Bayou Watershed

- Approximately 128 square miles
- Population of more than 700,000
- 31 miles long – from mouth of ship channel to Highway 6



Today's Project Brays

- \$480 million project
- HCFCD's largest flood damage reduction initiative ever
- Federal/local sponsorship (211f)
- Designed to reduce the risk of flood damage and benefit thousands of residents and businesses along Brays Bayou



TOOLS – Reduce Risk Flood Damage

Stormwater Detention Basins

- Eldridge (337 Acres)
- Old Westheimer (47 Acres)
- Arthur Storey (211 Acres)
- Willow Waterhole (292 Acres)

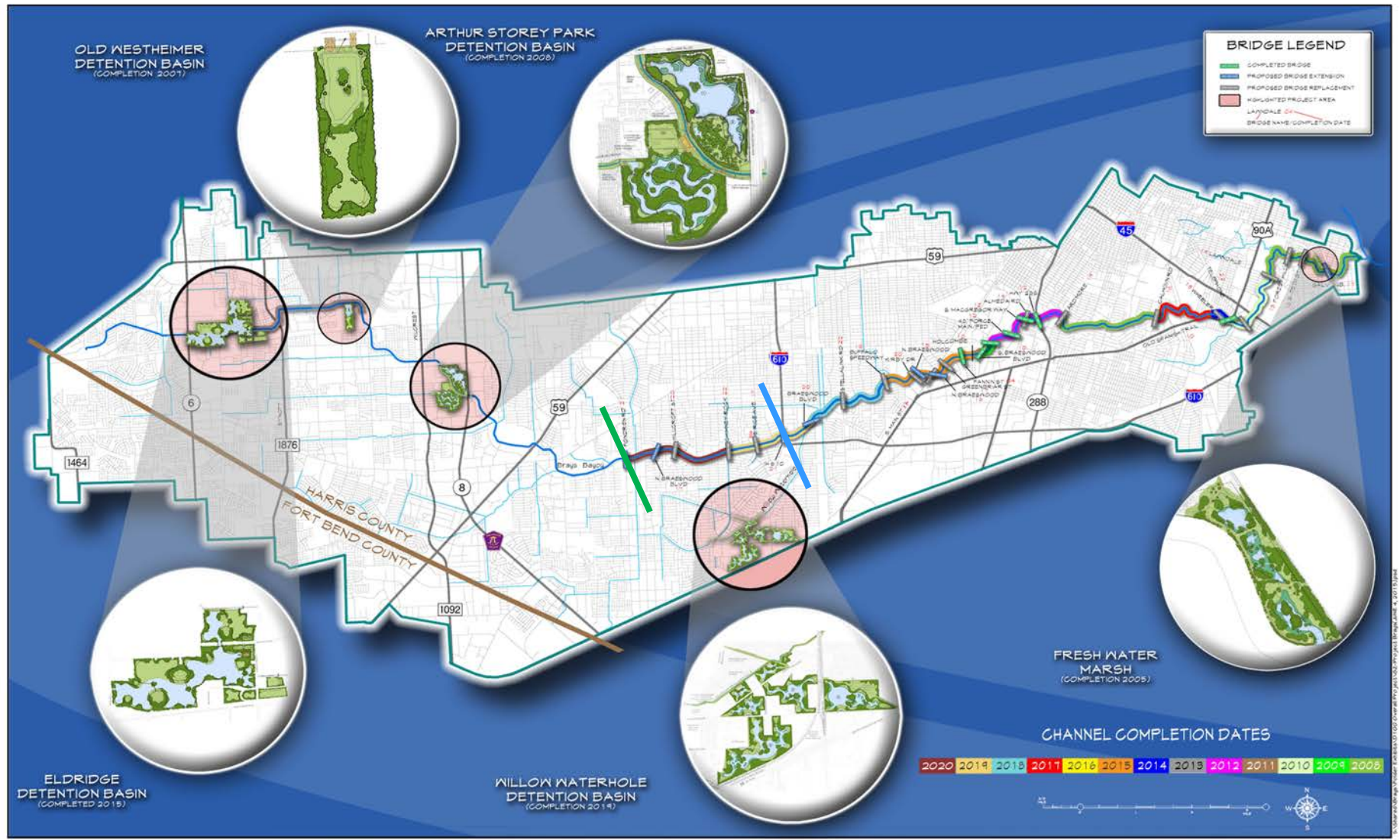
Channel Modifications

- 21 miles of channel widening and deepening

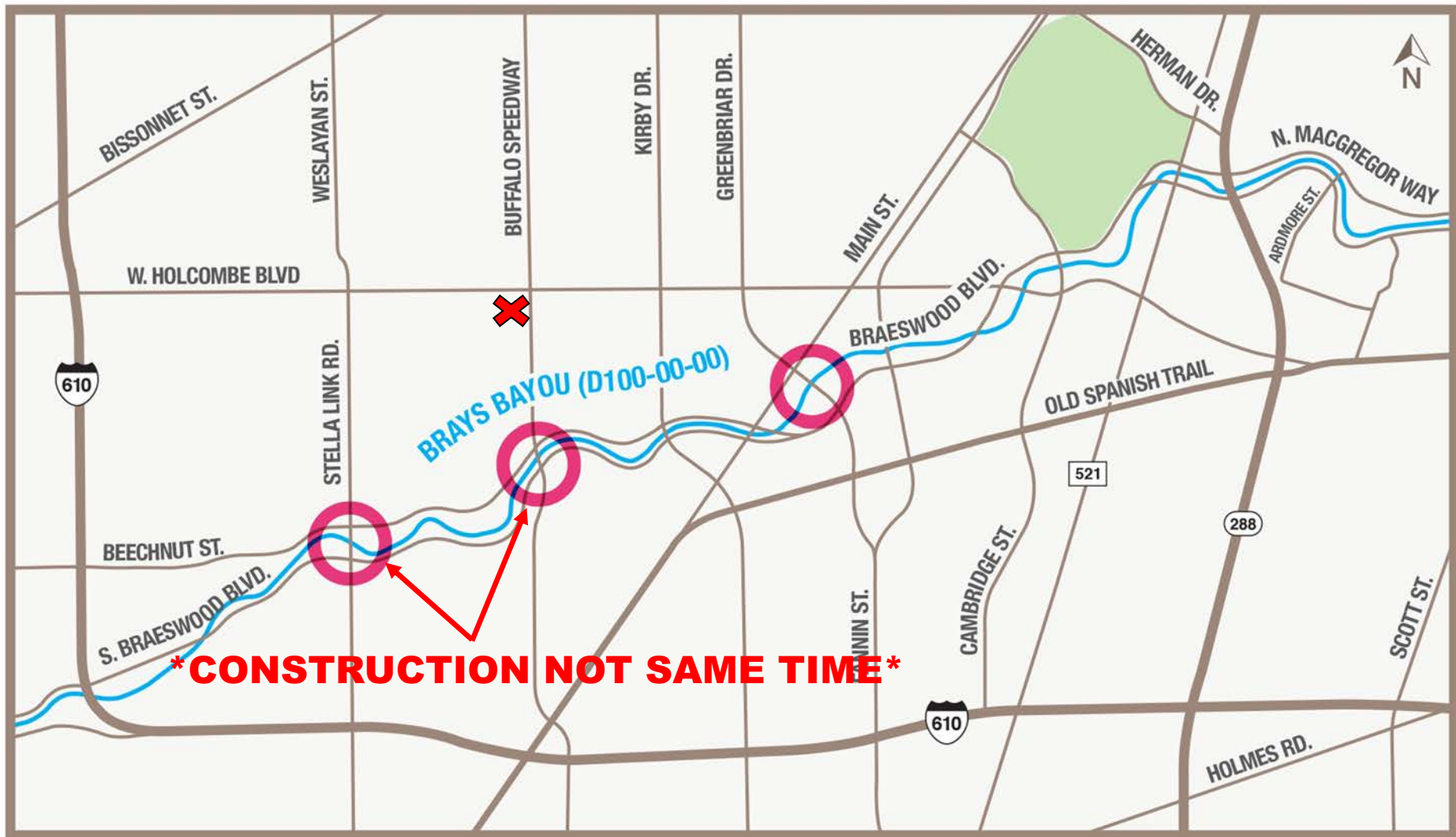
Bridge Modifications/Replacements

- 32 bridge replacements, extensions or modifications

Brays Bayou Project Locations



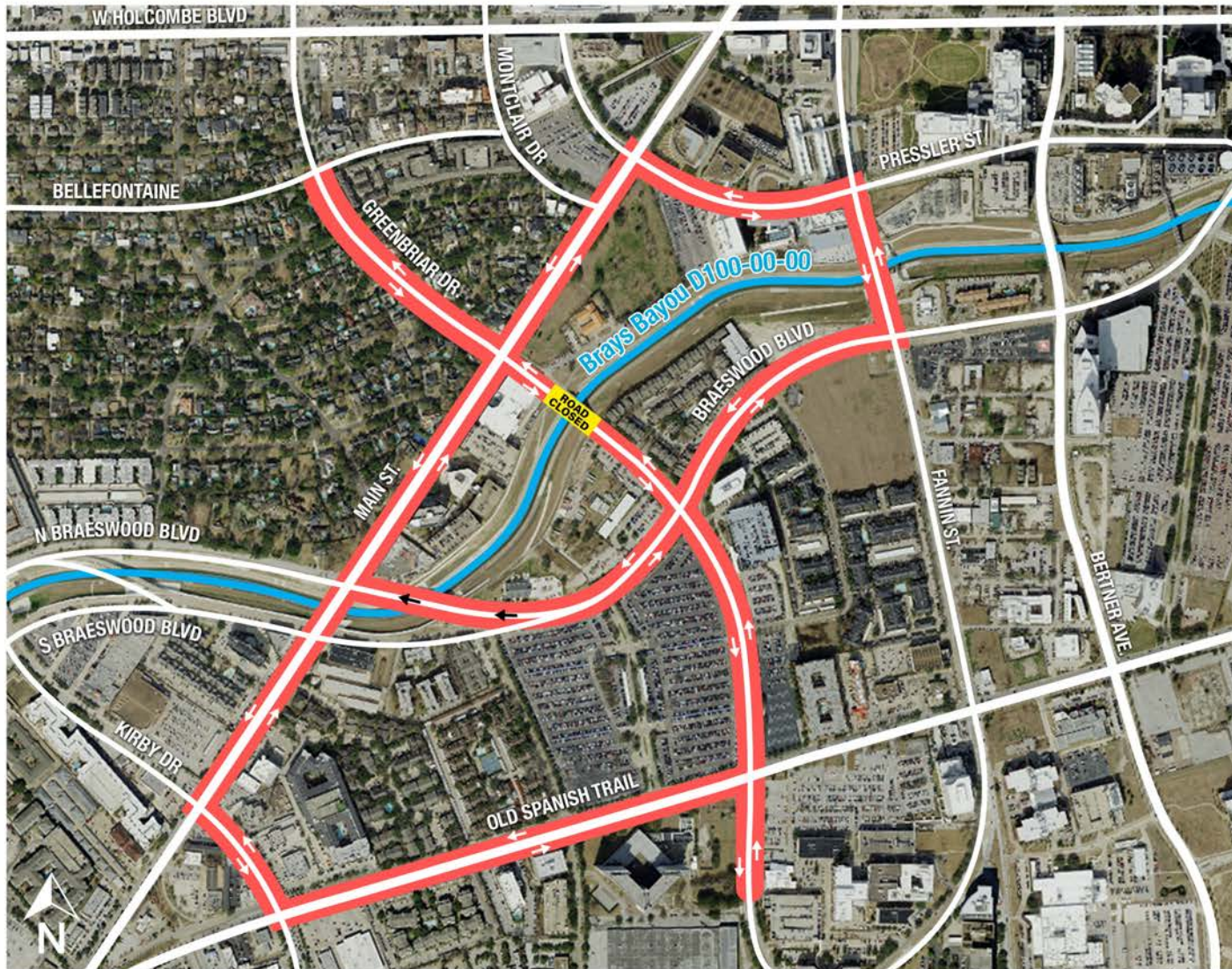
BRAYS BRIDGE LOCATIONS (Stella Link - Buffalo Speedway - Greenbriar)



*** CONSTRUCTION NOT SAME TIME ***

 Project Area

TRAFFIC CONTROL MAP Greenbriar



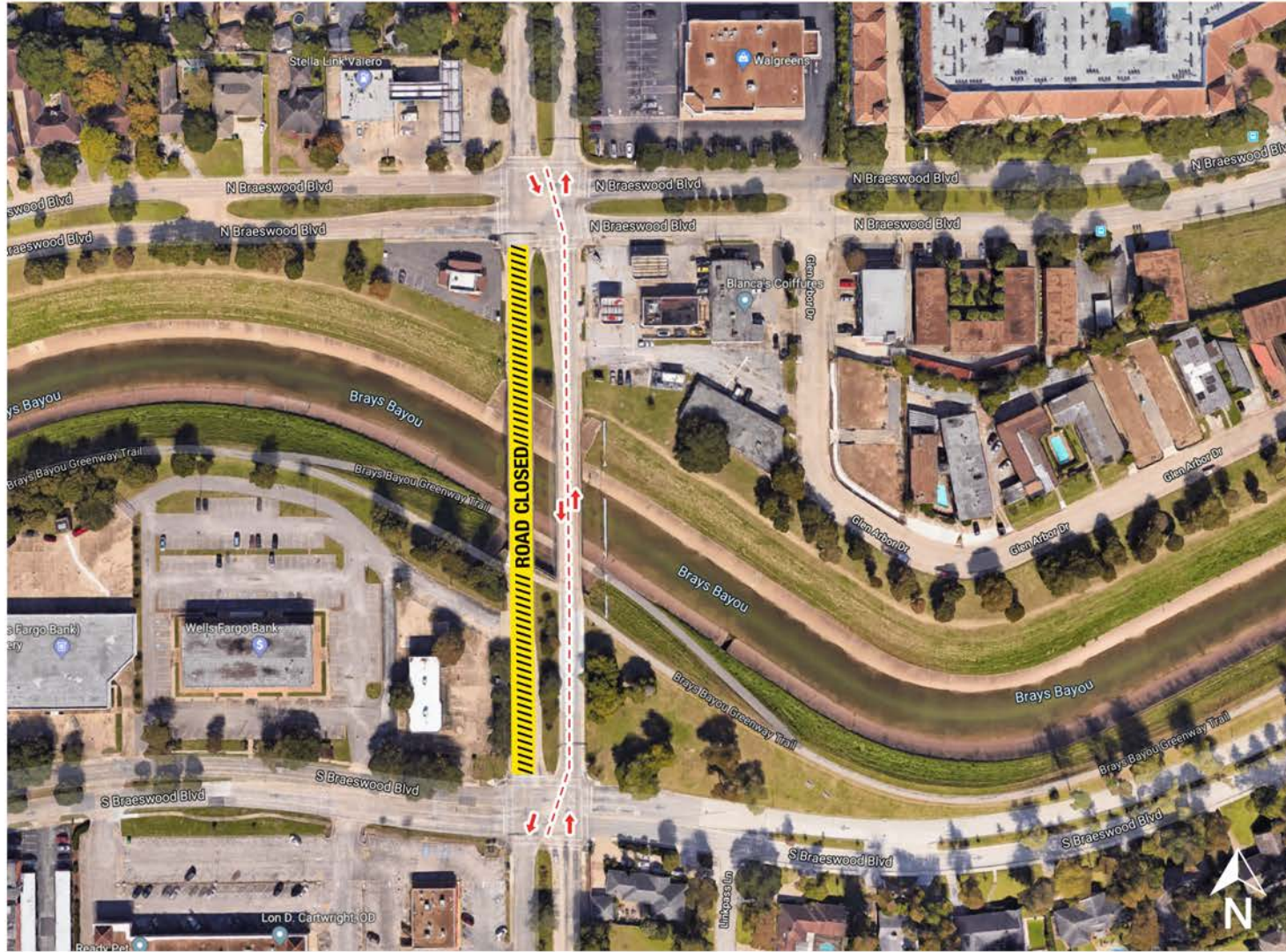
Computer graphic depiction
06-2019

GREENBRIAR BRIDGE



TRAFFIC CONTROL MAP

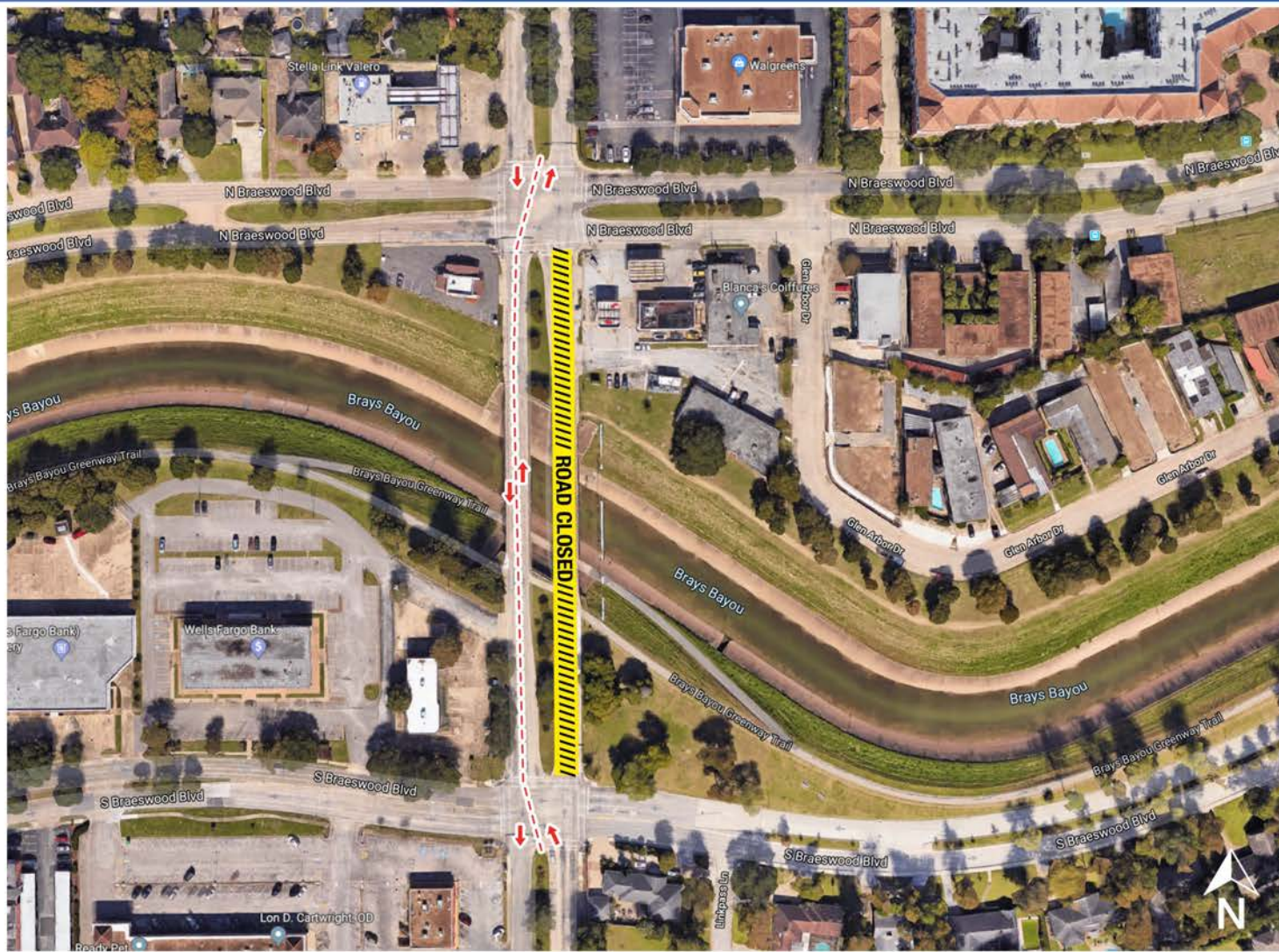
Stella Link - North bound bridge



Computer graphic depiction
06-2019

TRAFFIC CONTROL MAP

Stella Link - South bound bridge



Computer graphic depiction
06-2019

STELLA LINK BRIDGE

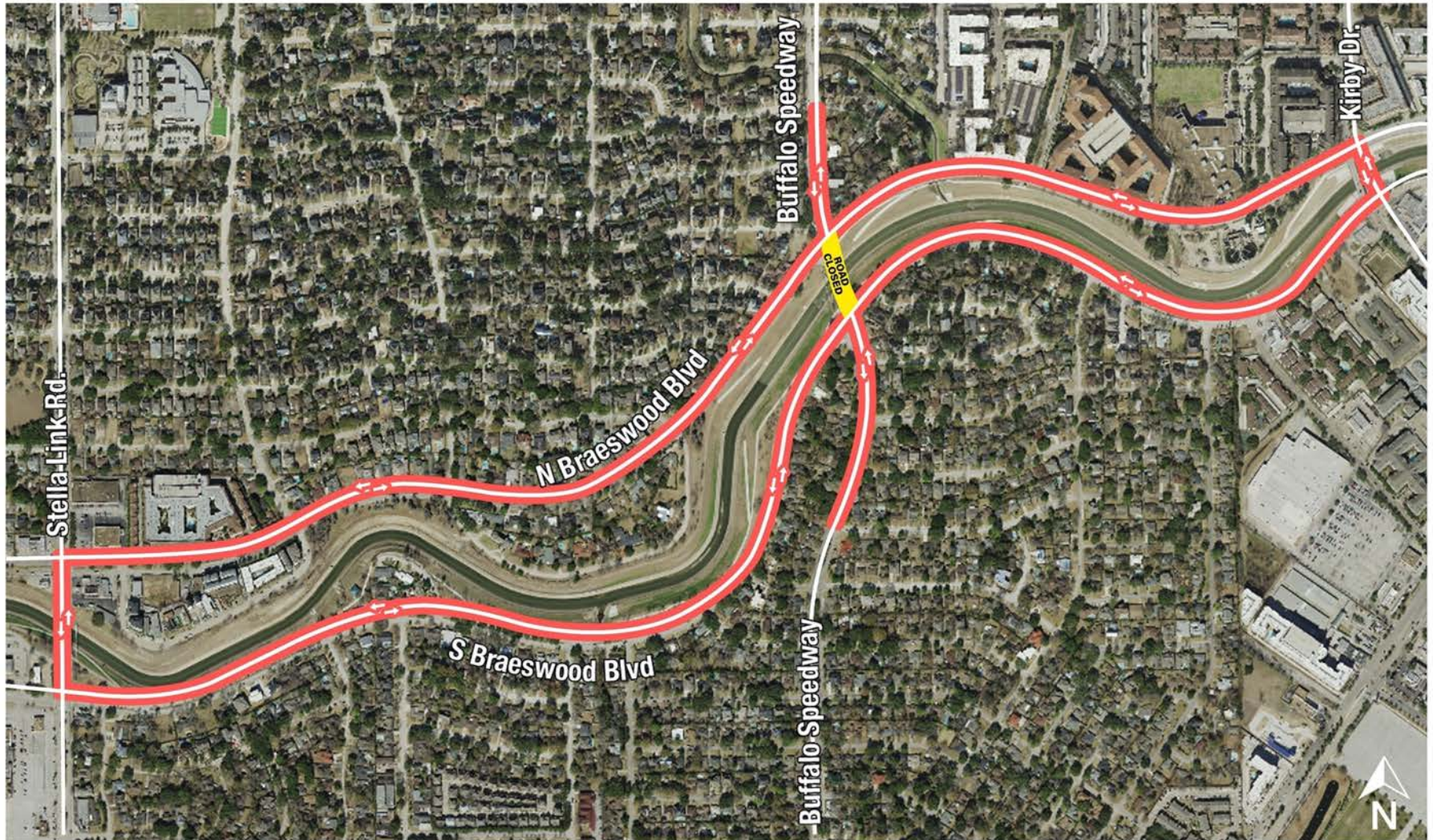


Artist Rendering



TRAFFIC CONTROL MAP

Buffalo Speedway



Computer graphic depiction
06-2019

BUFFALO SPEEDWAY BRIDGE



Artist Rendering



CONSTRUCTION SCHEDULE

GREENBRIAR ONGOING

**STELLA LINK LANE CLOSURE
7/22**

**BUFFALO SPEEDWAY Q1 2020
(AFTER STELLA LINK)**

Flood Insurance

 **GET FLOOD INSURANCE**

EVERYONE NEEDS IT



Hurricane Season: June-Nov
Flood Season: Year-round

HCFCF.org

Flooding conditions can occur year-round, and you do not have to live in the 100-year floodplain to be at risk.

Flood loss claims as a result of Hurricane Harvey

- Approximately 68% were outside of the FEMA mapped 100-year floodplain.



QUESTIONS?

CONTACTS

Communications@HCFCD.org

713-316-4820

HCFCD.org