

An aerial photograph of Houston, Texas, showing the downtown skyline with numerous skyscrapers in the background. In the foreground, a multi-lane highway (I-45) curves through a green landscape with a river. A train is visible on an elevated track crossing the river. The overall scene depicts a major transportation corridor in a dense urban environment.

# **NORTH HOUSTON HIGHWAY IMPROVEMENT PROJECT – IMPACTS AND SOLUTIONS – 4/25/2018**

**– COALITION TO MAKE I-45 BETTER**



# COALITION TO MAKE I-45 BETTER – MEMBERSHIP AND OUTREACH

## PARTICIPANTS

Air Alliance Houston  
 Avenue CDC  
 Bayou City Waterkeeper  
 Bayou Preservation Association  
 BikeHouston  
 Buffalo Bayou Partnership  
 East Bayou Civic Club  
 Eastwood Civic Association  
 First Ward  
 Freedmen’s Town Preservation Committee  
 Friends of Woodland Park  
 Galveston Bay Foundation  
 Germantown Historic District  
 Greater Northside  
 Greater Heights Super Neighborhood 15  
 Heritage Society  
 Hermann Park Conservancy  
 Idyllwood Civic Association  
 Independence Heights Development Council  
 LINK Houston  
 Museum Park Super Neighborhood 66  
 Monte Beach Civic Club  
 Pierce Skypark  
 Preservation Houston  
 Scenic Houston  
 Trees for Houston  
 Woodland Heights Civic Association  
 White Oak Bayou Association  
 Washington Ave/Memorial Park Super Neighborhood 22  
 White Oak Bayou Association  
 Woodland Heights Civic Association

## ELECTED AND PUBLIC OFFICIALS

### Supporting DEIS Letters

Commissioner Rodney Ellis  
 Congresswoman Sheila Jackson-Lee  
 State Senator Sylvia Garcia  
 State Senator Boris Miles  
 State Representative Harold Dutton  
 Representative Jessica Farrar  
 State Representative Jarvis Johnson  
 Houston City Council Member Dwight Boykins  
 Houston City Council Member Jack Christie  
 Houston City Council Member Ellen Cohen

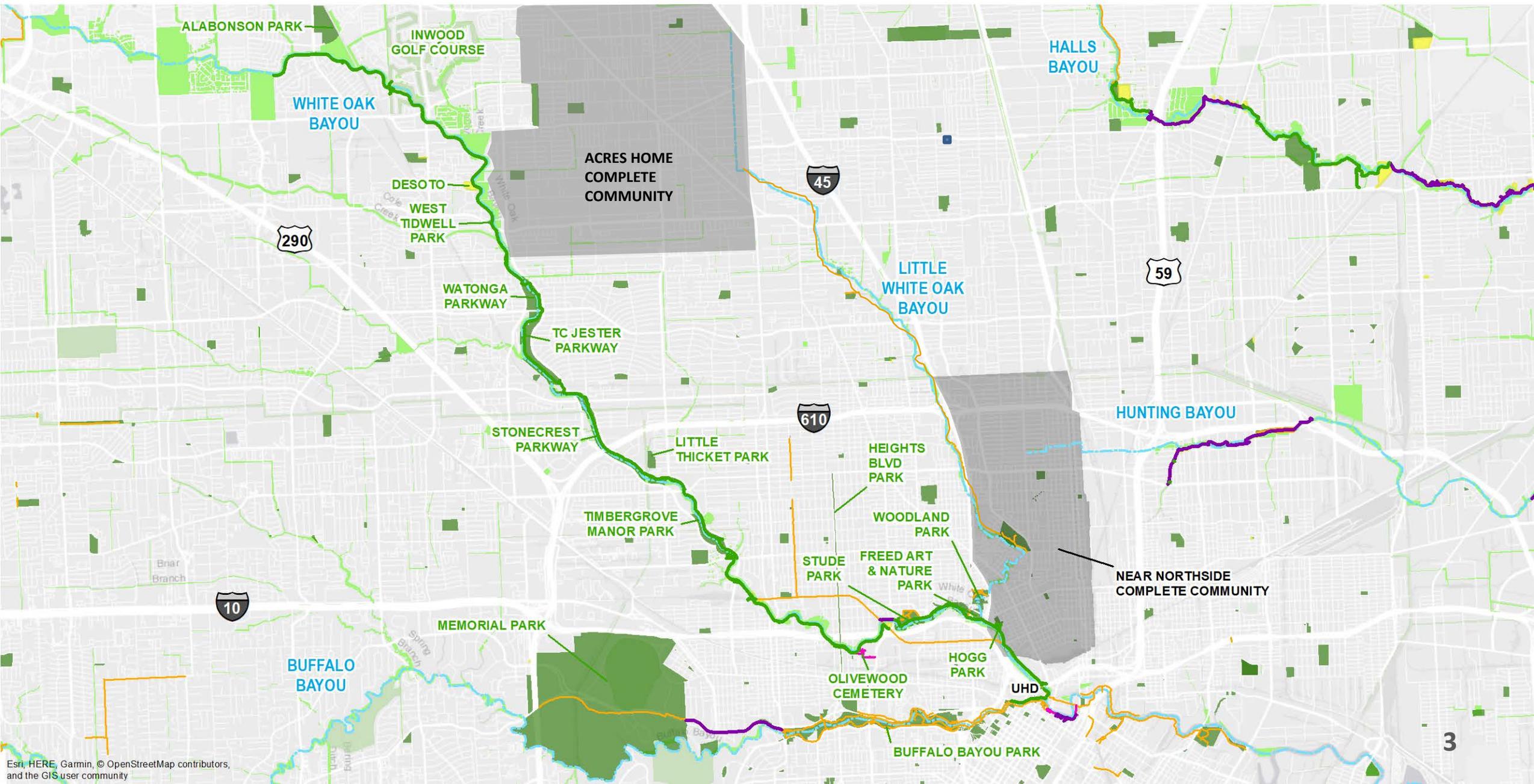
## COALITION ISSUES MEETINGS WITH TxDOT:

- **PARKS**
- **CONNECTIVITY / PED-BIKE SAFETY**
- **WATER QUALITY AND FLOODING**
- **VISUAL IMPACT**
- **AIR QUALITY AND ENVIRONMENTAL JUSTICE**



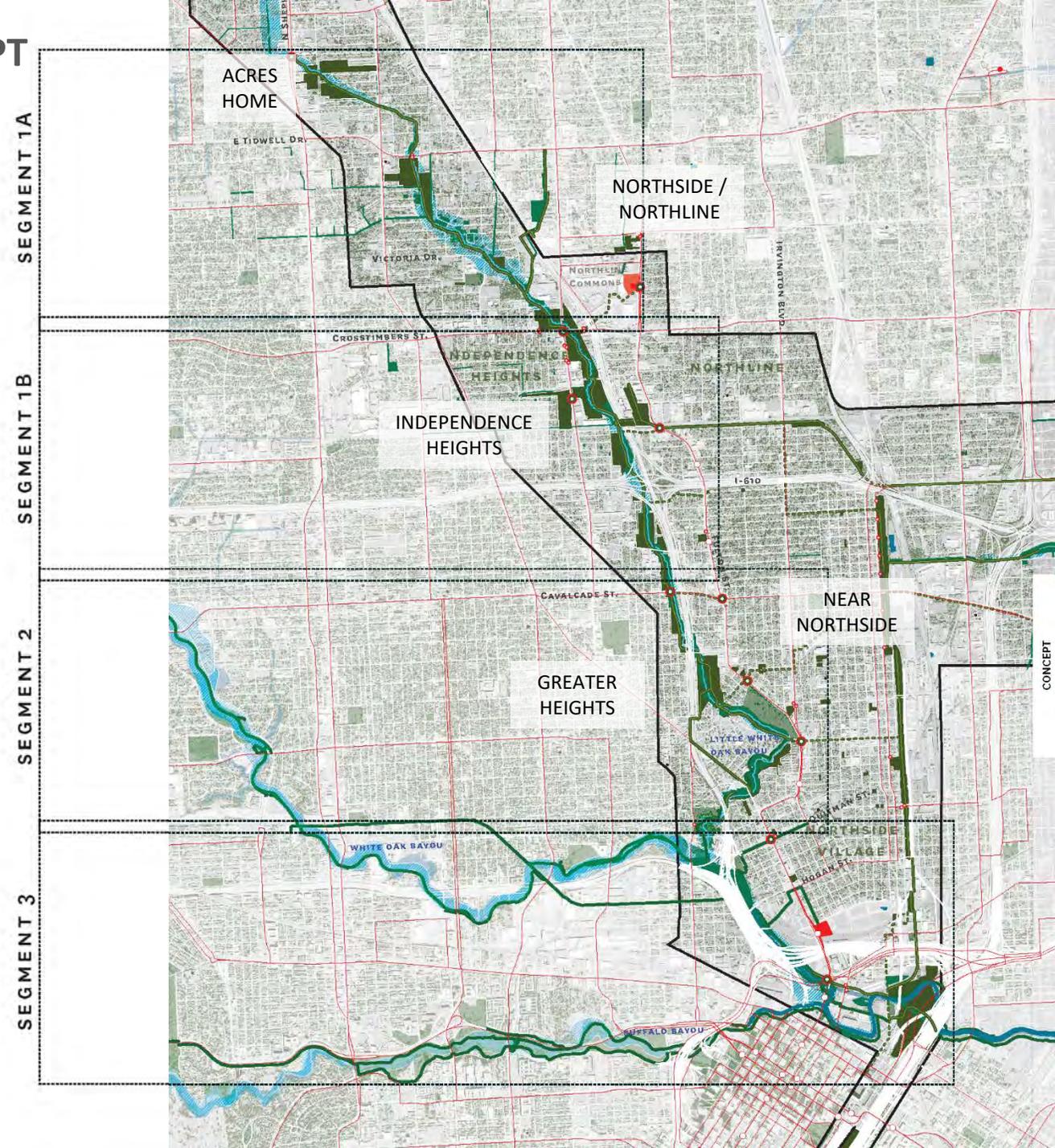
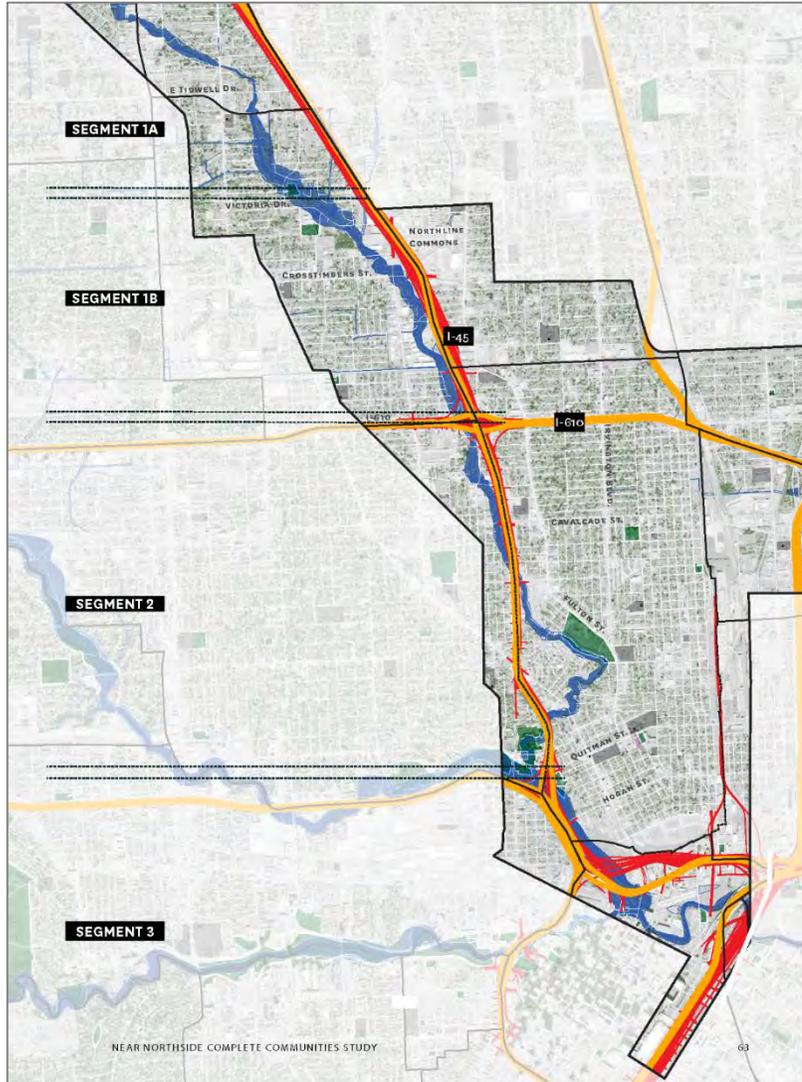
PHOTO: BRETT COOMER

# WHITE OAK BAYOU GREENWAY



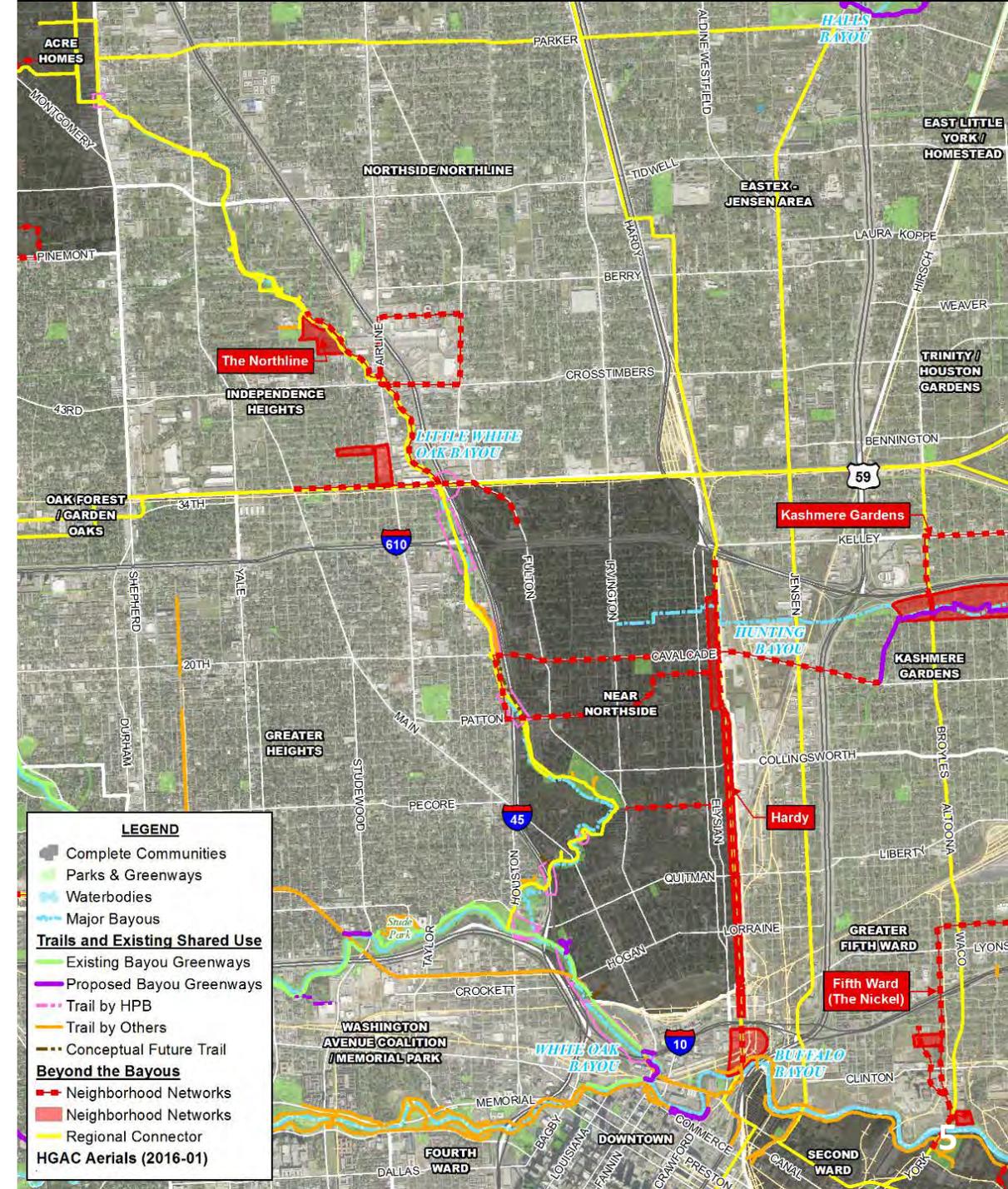
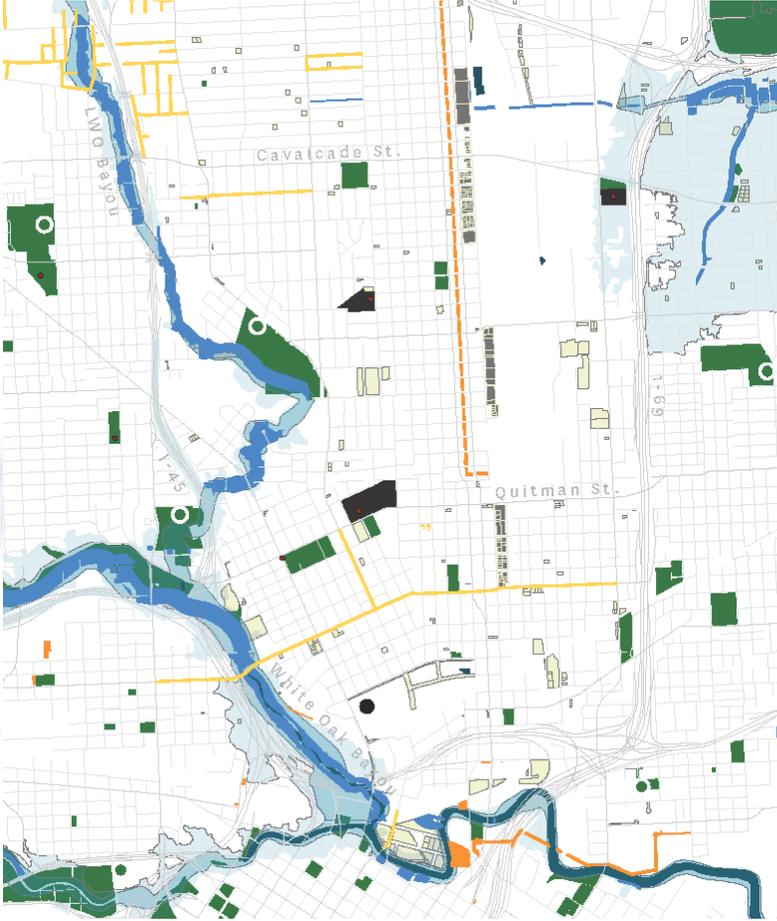


# LITTLE WHITE OAK GREENWAY CONCEPT PLAN – I-45 EXPANSION



# NEAR NORTHSIDE CONCEPT PLAN AND PARTNERSHIPS

-  COH Rebuild Houston
-  METRO
-  Spark School Park Program
-  CenterPoint Energy
-  Flood Control R.O.W.
-  Houston Parks and Recreation
-  Houston Parks Board
-  Private Land for Acquisition





# LOWER WHITE OAK BAYOU GREENWAY

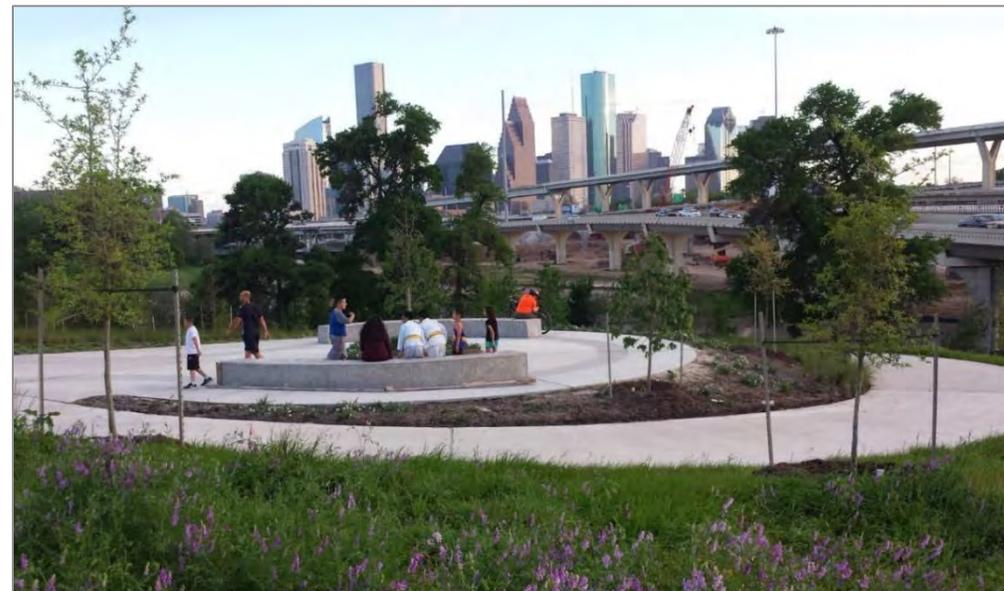




# WHITE OAK BAYOU GREENWAY – TIGER 3 PROJECTS



**WHITE OAK / BUFFALO CONNECTOR**



**LEONEL CASTILLO COMMUNITY CENTER**

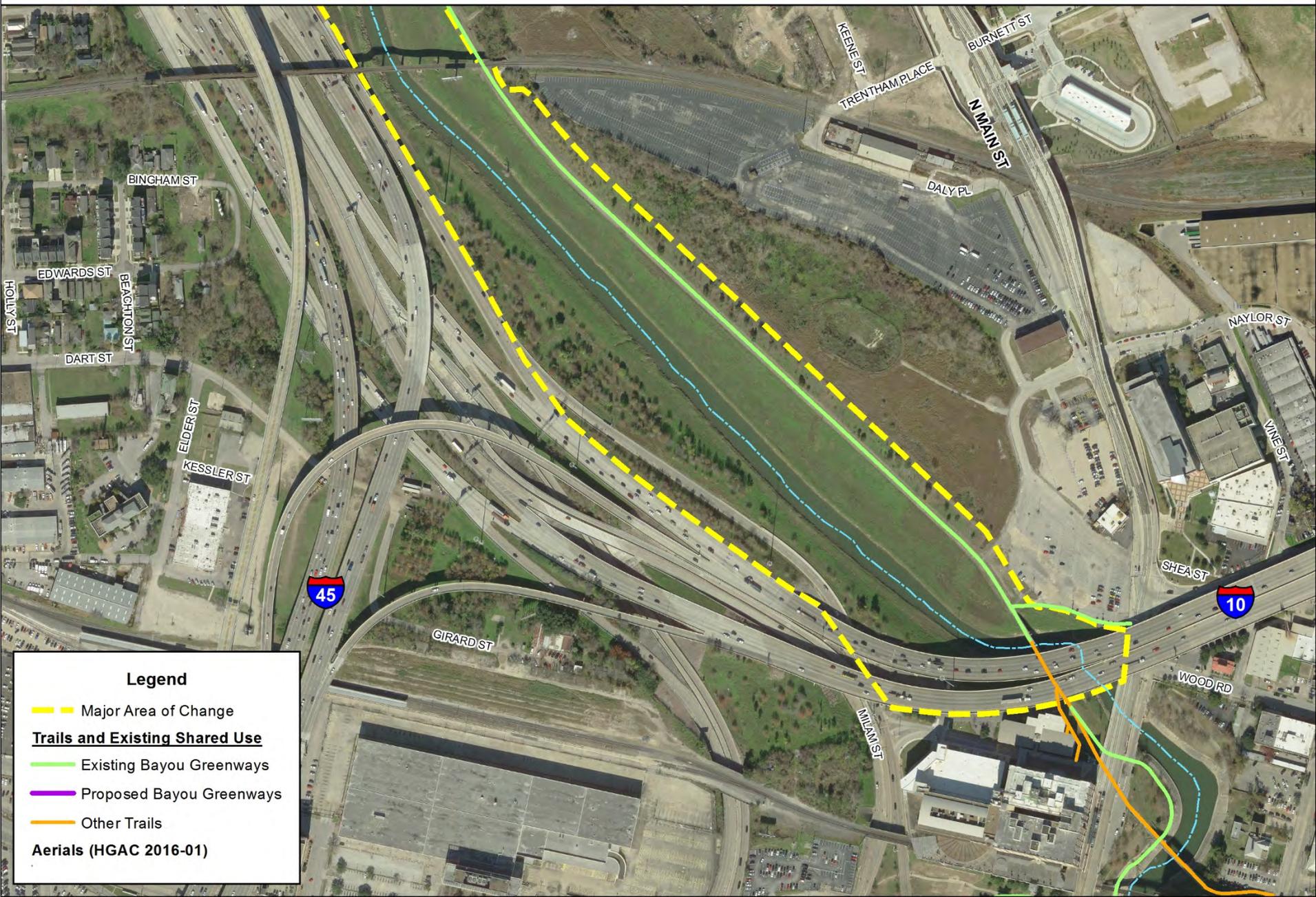


# WHITE OAK BAYOU GREENWAY FROM THE TRAIL NEAR HOGAN STREET LOOKING SOUTHEAST TOWARDS DOWNTOWN



# White Oak Bayou Greenway

## Segment WO01: Before I-45 Expansion



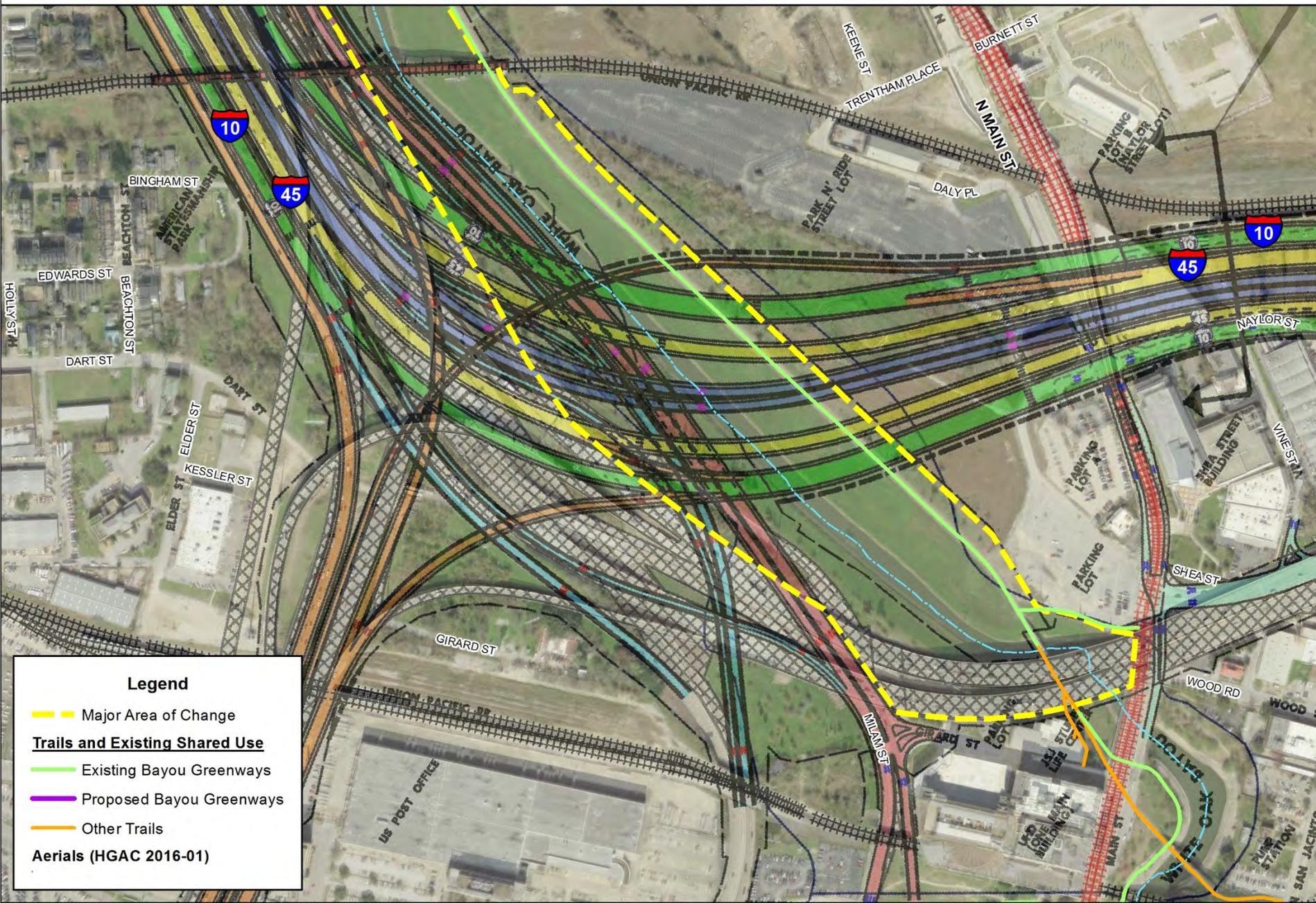
**Legend**

- Major Area of Change
- Trails and Existing Shared Use**
- Existing Bayou Greenways
- Proposed Bayou Greenways
- Other Trails

Aerials (HGAC 2016-01)

# White Oak Bayou Greenway

## Segment WO01: After I-45 Expansion

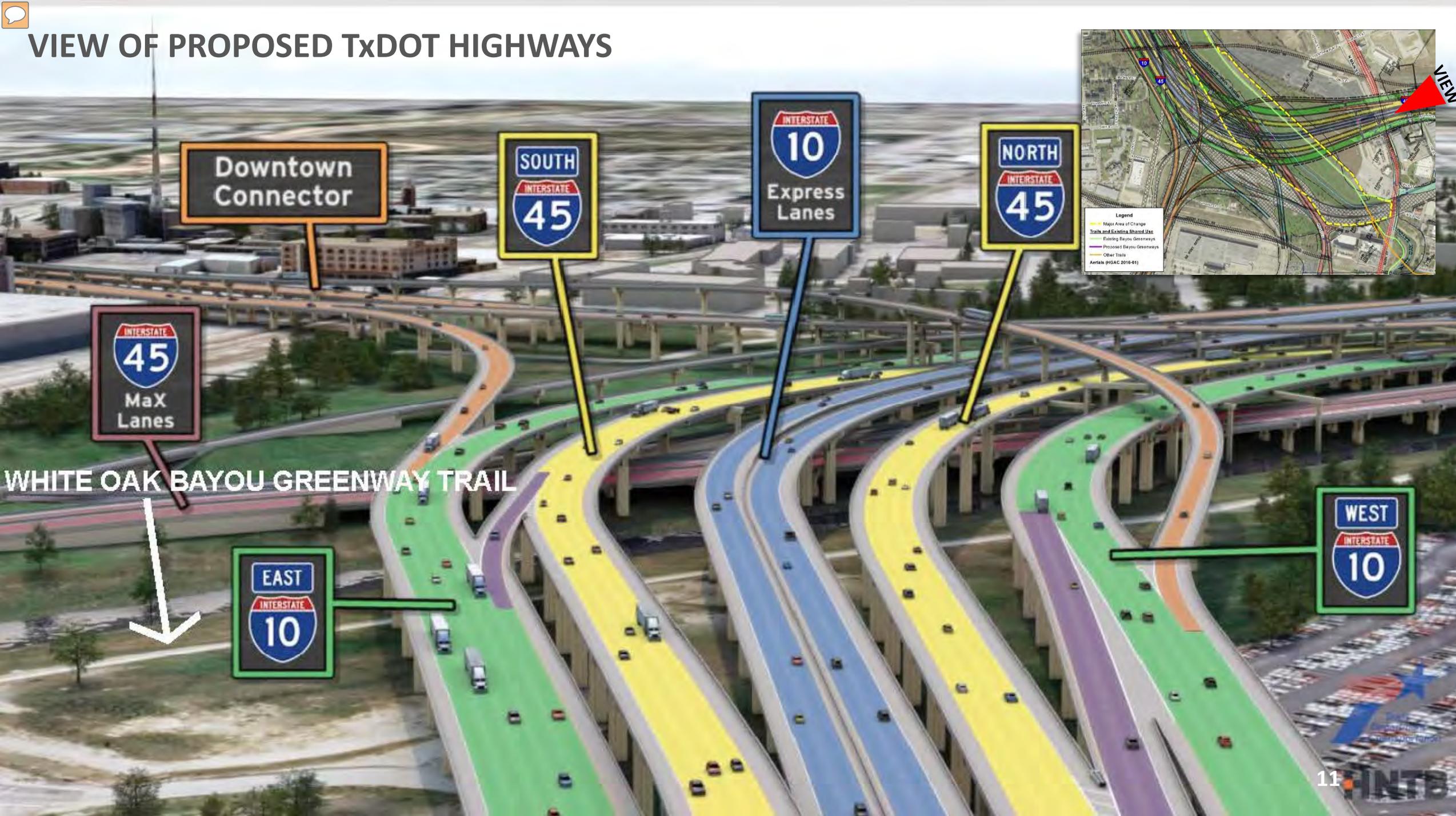


**Legend**

- Major Area of Change
- Trails and Existing Shared Use**
- Existing Bayou Greenways
- Proposed Bayou Greenways
- Other Trails

Aerials (HGAC 2016-01)

# VIEW OF PROPOSED TxDOT HIGHWAYS



Downtown Connector

SOUTH  
INTERSTATE  
45

INTERSTATE  
10  
Express  
Lanes

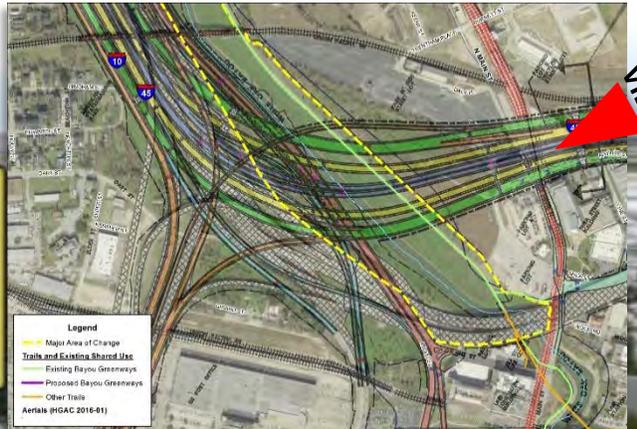
NORTH  
INTERSTATE  
45

INTERSTATE  
45  
MaX  
Lanes

WHITE OAK BAYOU GREENWAY TRAIL

EAST  
INTERSTATE  
10

WEST  
INTERSTATE  
10





# WHITE OAK BAYOU GREENWAY LOOKING TOWARDS DOWNTOWN





# WHITE OAK BAYOU GREENWAY LOOKING TOWARDS DOWNTOWN



**WHITE OAK BAYOU GREENWAY LOOKING NORTHWEST TOWARDS HOGAN STREET FROM THE UNIVERSITY OF HOUSTON DOWNTOWN**



**WHITE OAK BAYOU GREENWAY LOOKING NORTHWEST TOWARDS HOGAN STREET FROM THE UNIVERSITY OF HOUSTON DOWNTOWN**





# ECOLOGY IMPACT - 81 SPECIES OF BIRDS IDENTIFIED WITHIN THE IMPACT ZONE

AMERICAN KESTREL



SCISSOR-TAILED FLYCATCHER



WESTERN KINGBIRD



BELTED KINGFISHER



SAVANNA SPARROW



ANHINGA



OSPREY

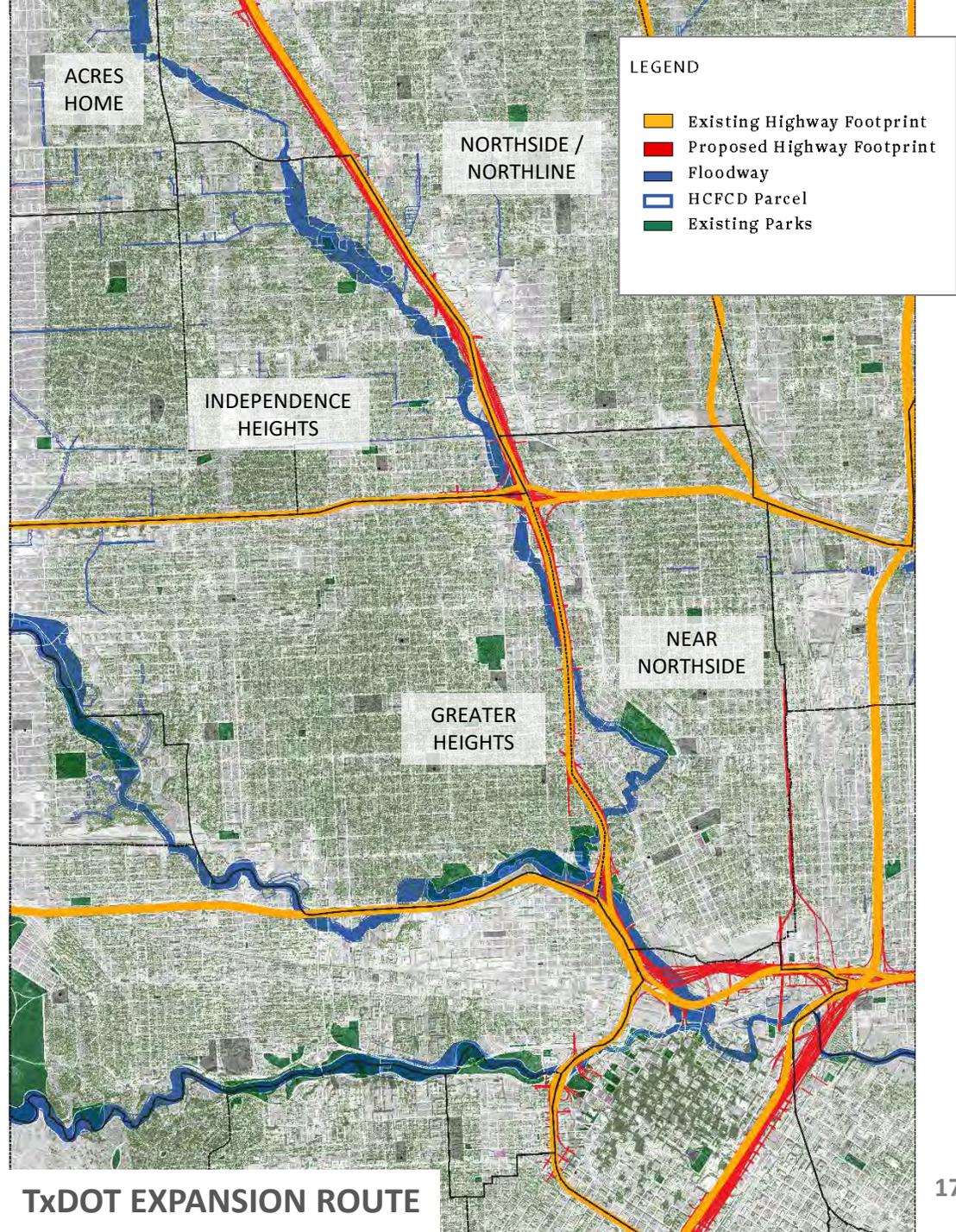
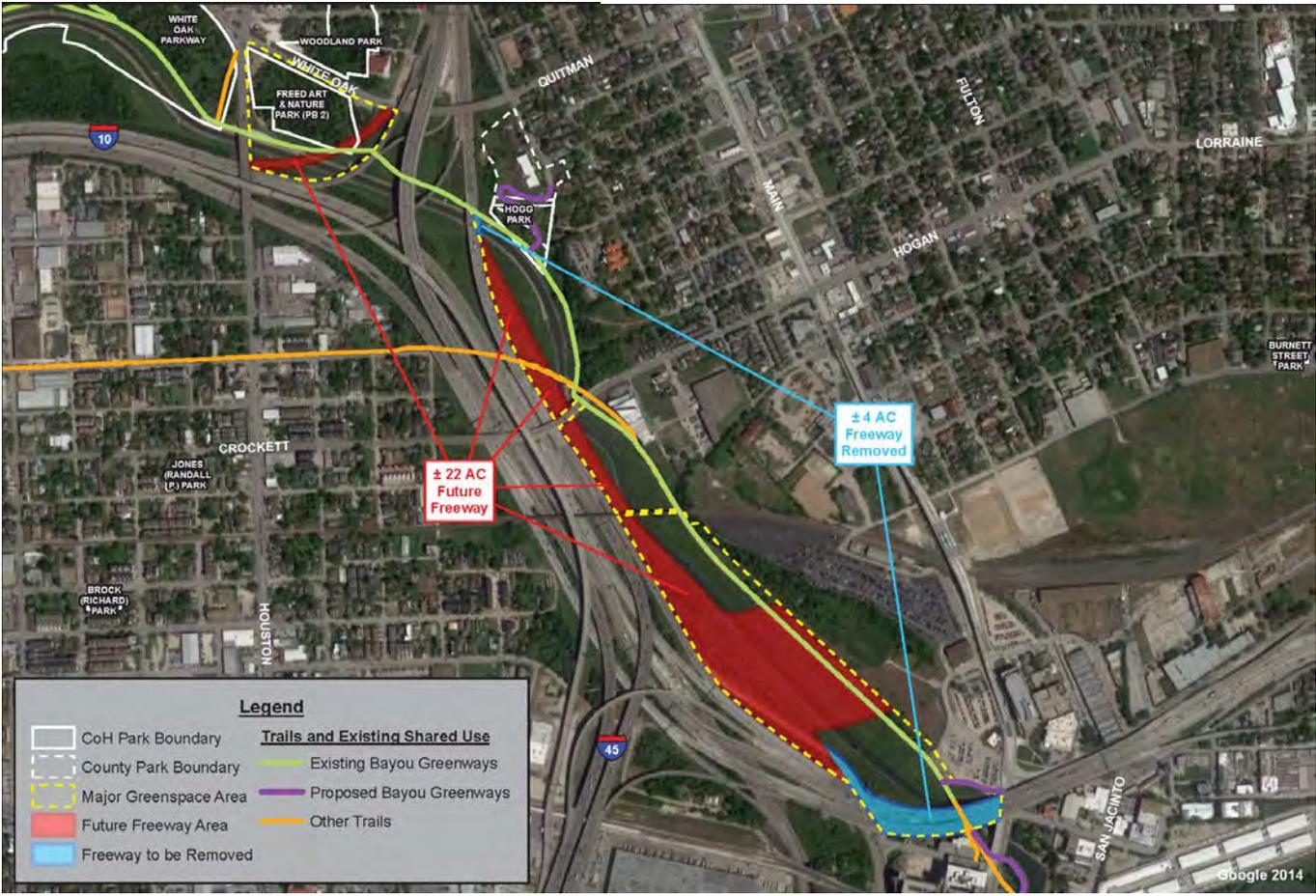
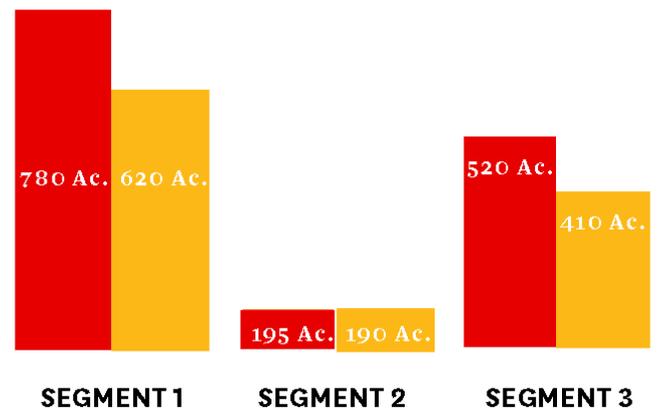


SWAINSON'S HAWK





# I-45 EXPANSION COVERAGE





# TWENTY LANES OF TRAFFIC OVER LITTLE WHITE OAK BAYOU AT I-45



LITTLE WHITE OAK BAYOU

PATTON ST

LITTLE WHITE OAK BAYOU

 LITTLE WHITE OAK BAYOU AT I-610 AND I-45



LITTLE WHITE OAK BAYOU



# COMMUNITY IMPACTS - CHURCHES THREATENED BY I-45 EXPANSION

## GREATER MT. OLIVE MISSIONARY BAPTIST

- 130+ YEAR HISTORY
- PREDOMINATELY AFRICAN-AMERICAN
- REBUILT AFTER IKE, RE-OPENED IN 2016



PHOTO: KAREN WARREN



## CENTRO CRISTIANO CHURCH

- 250 MEMBERS
- PREDOMINATELY SPANISH SPEAKING
- PROVIDES CHILDCARE SERVICES

## OTHER COMMUNITY RESOURCE IMPACTS:

- CULINARY INSTITUTE LENORTE
- LEONEL CASTILLO COMMUNITY CENTER

**Little White  
Oak Bayou 1956**

WYNNE STREET

CORDELL STREET

CORONADO STREET

FULTON STREET



# Little White Oak Bayou 2017

WYNNE STREET

WEST CAVALCADE

CAVALCADE

CORDELL STREET

FULTON STREET

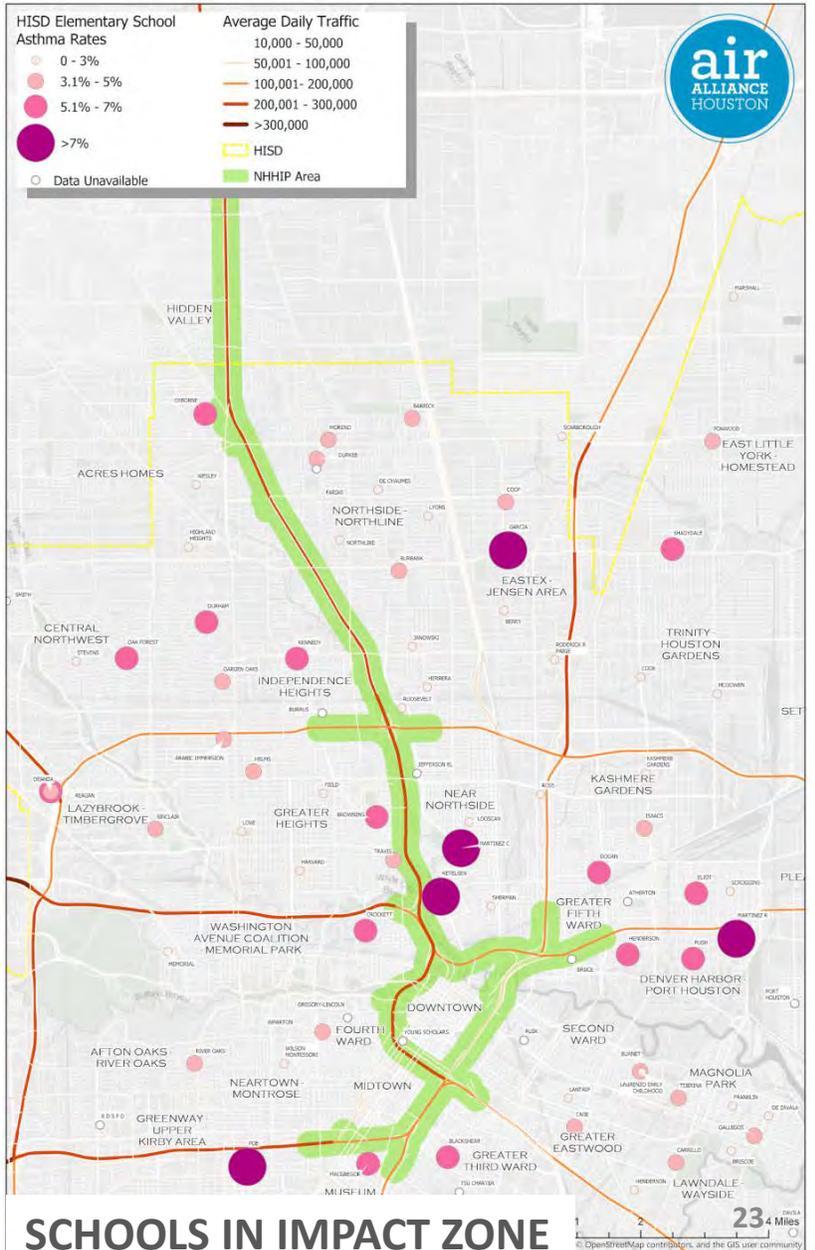
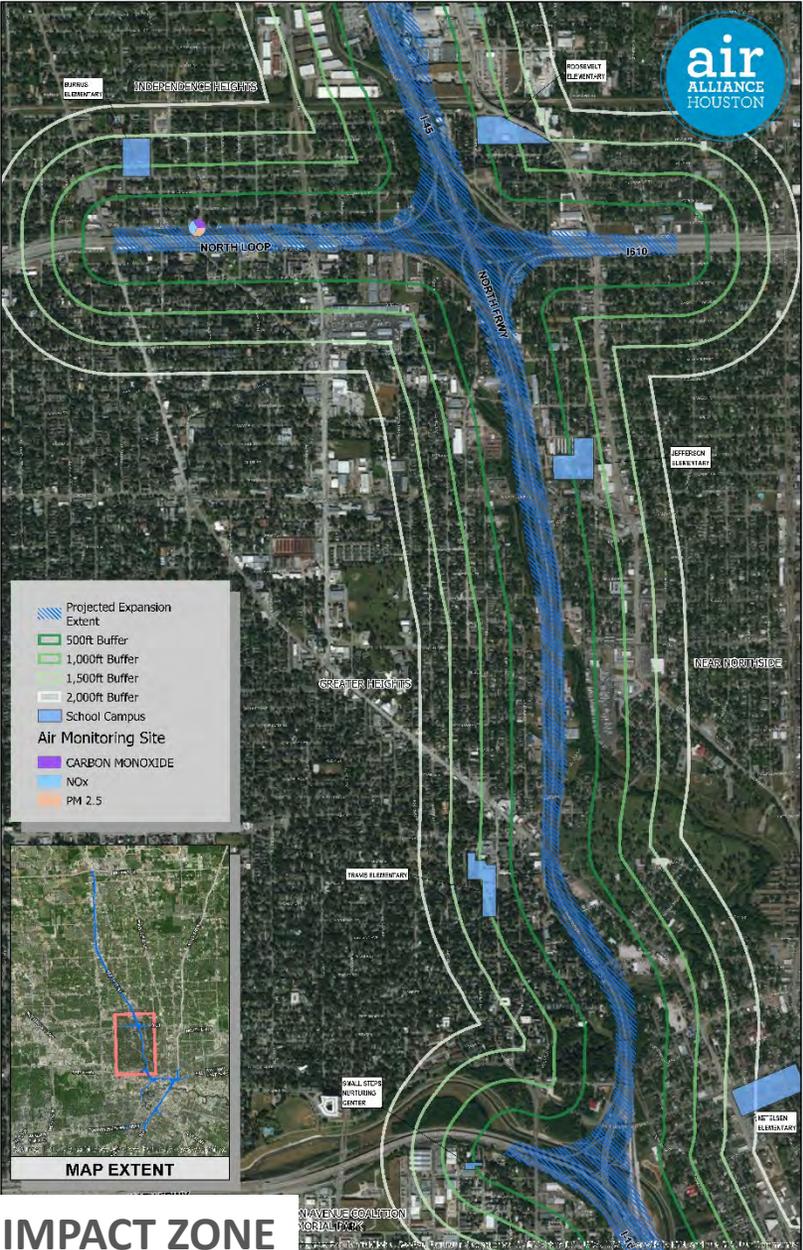
CORONADO STREET

**CULVERT**

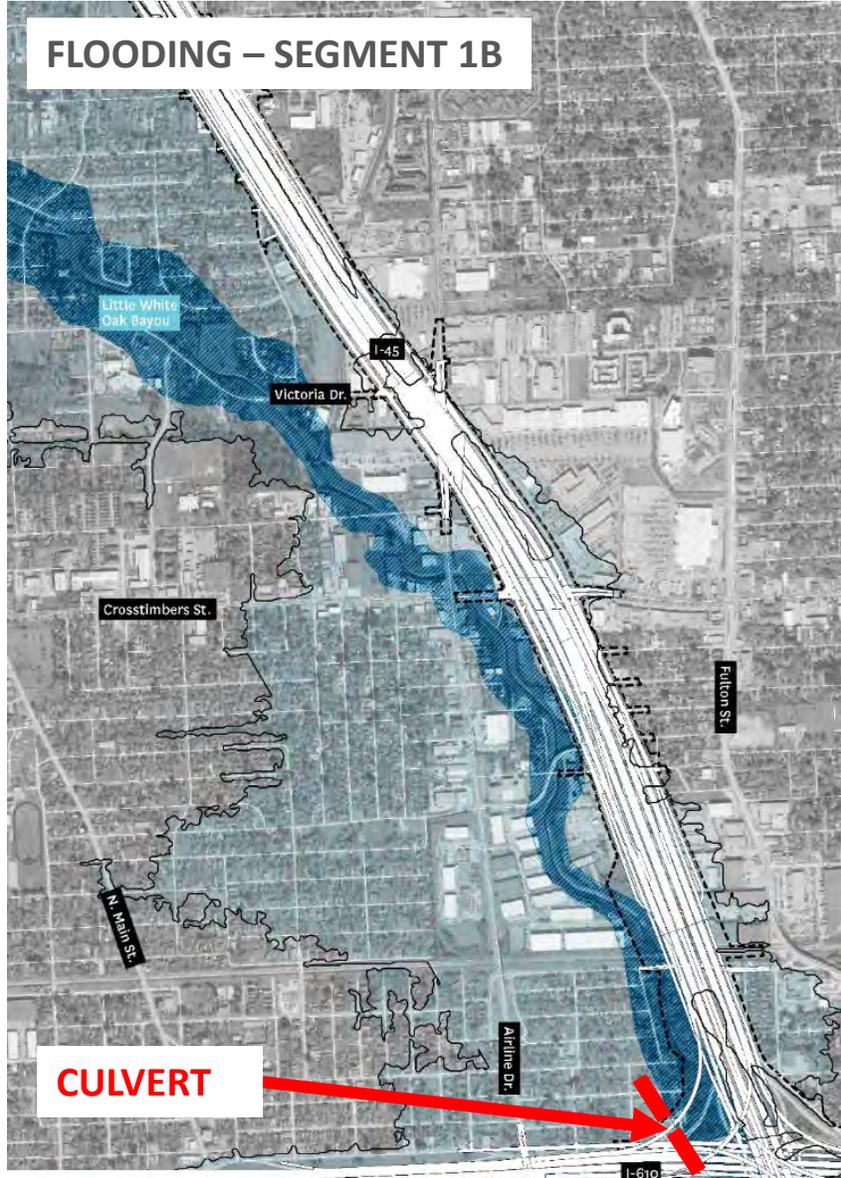
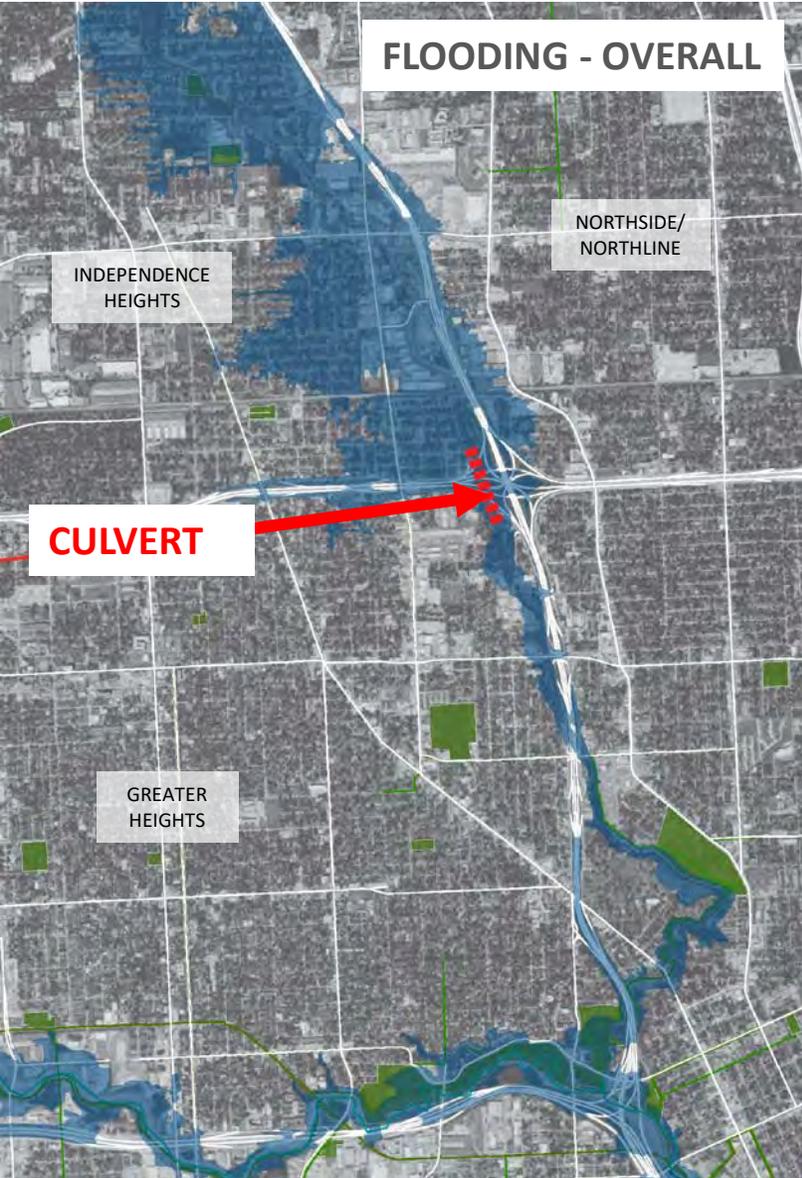


# AIR QUALITY IMPACTS

- Pollutant**
- ozone
- diesel particulate matter\*
- benzene
- 1,3 butadiene
- acetaldehyde
- acrolein
- formaldehyde
- naphthalene
- polycyclic organic matter
- ethylbenzene



# NEAR NORTHSIDE – I-45 FLOODING AND NOISE

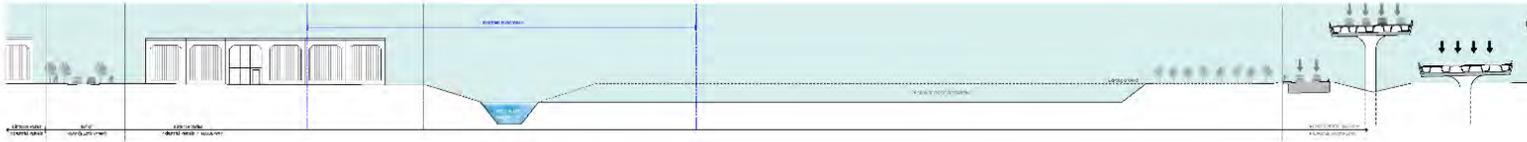


- FLOODWAY
- 100 YEAR FLOOD PLAIN
- 311 CALLS (2017,15,13,11)

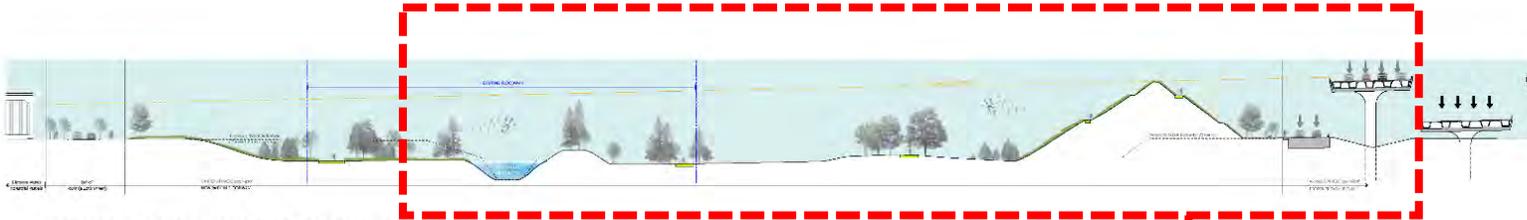


- 66 DB
- 71 DB

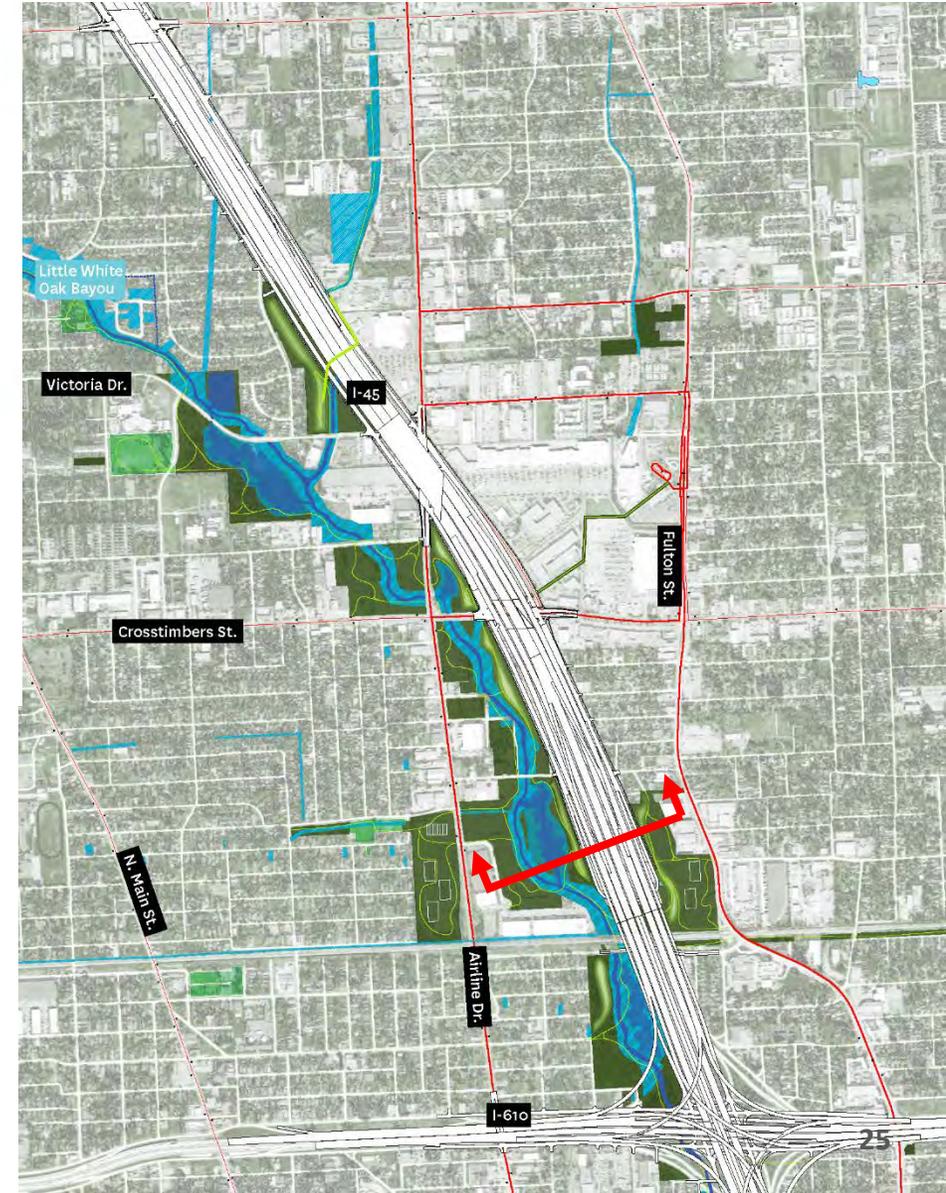
# I-45 SECTION 1B CONCEPT PLAN AND SECTIONS



**TxDOT PROPOSED SECTION AT RIGGS ROAD**



**HPB PROPOSED SECTION AT RIGGS ROAD**



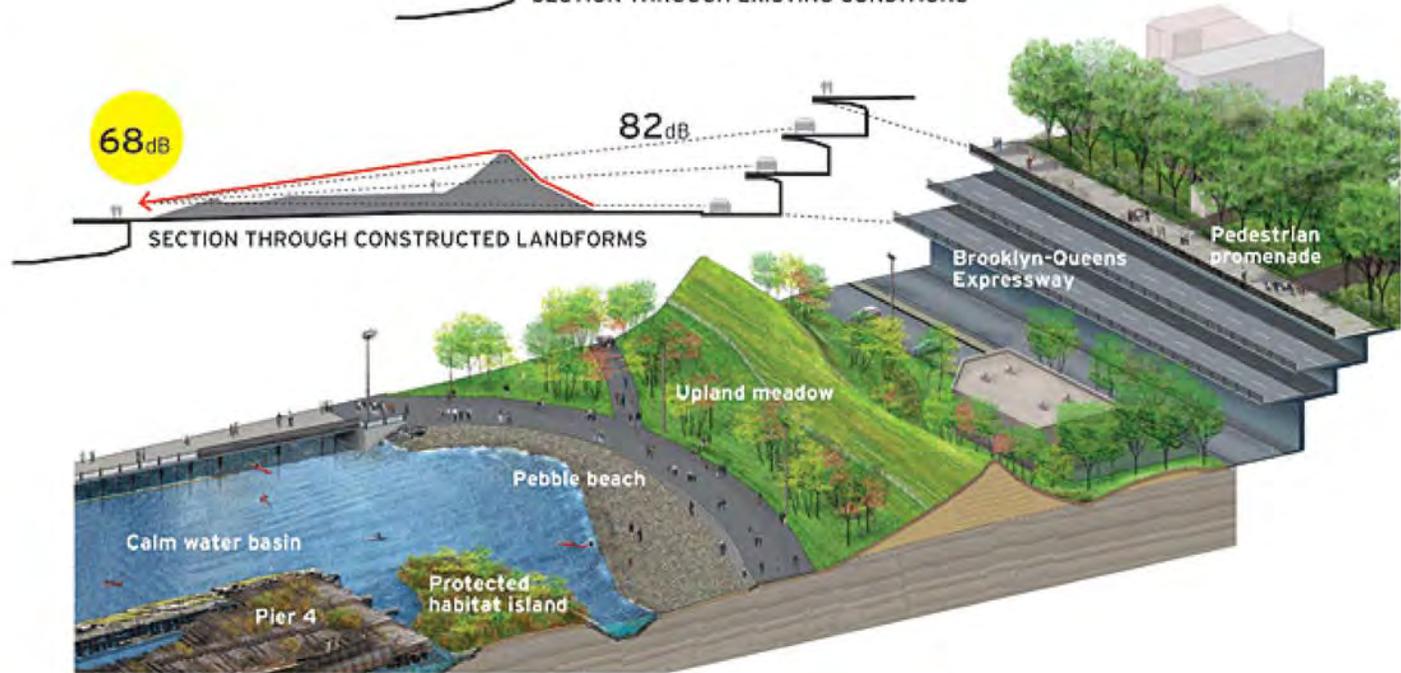
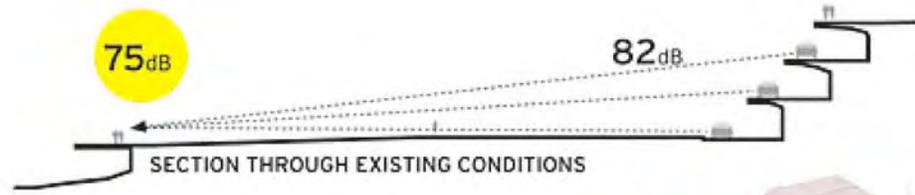
**Precedent:  
Mitigating Sound and Flood  
Control with Landforming**



**Precedent:  
Mitigating Sound and Flood  
Control with Landforming**



# AIR QUALITY / NOISE / VISUAL IMPACT SOLUTIONS



SECTIONAL AXONOMETRIC

## BROOKLYN BRIDGE PARK



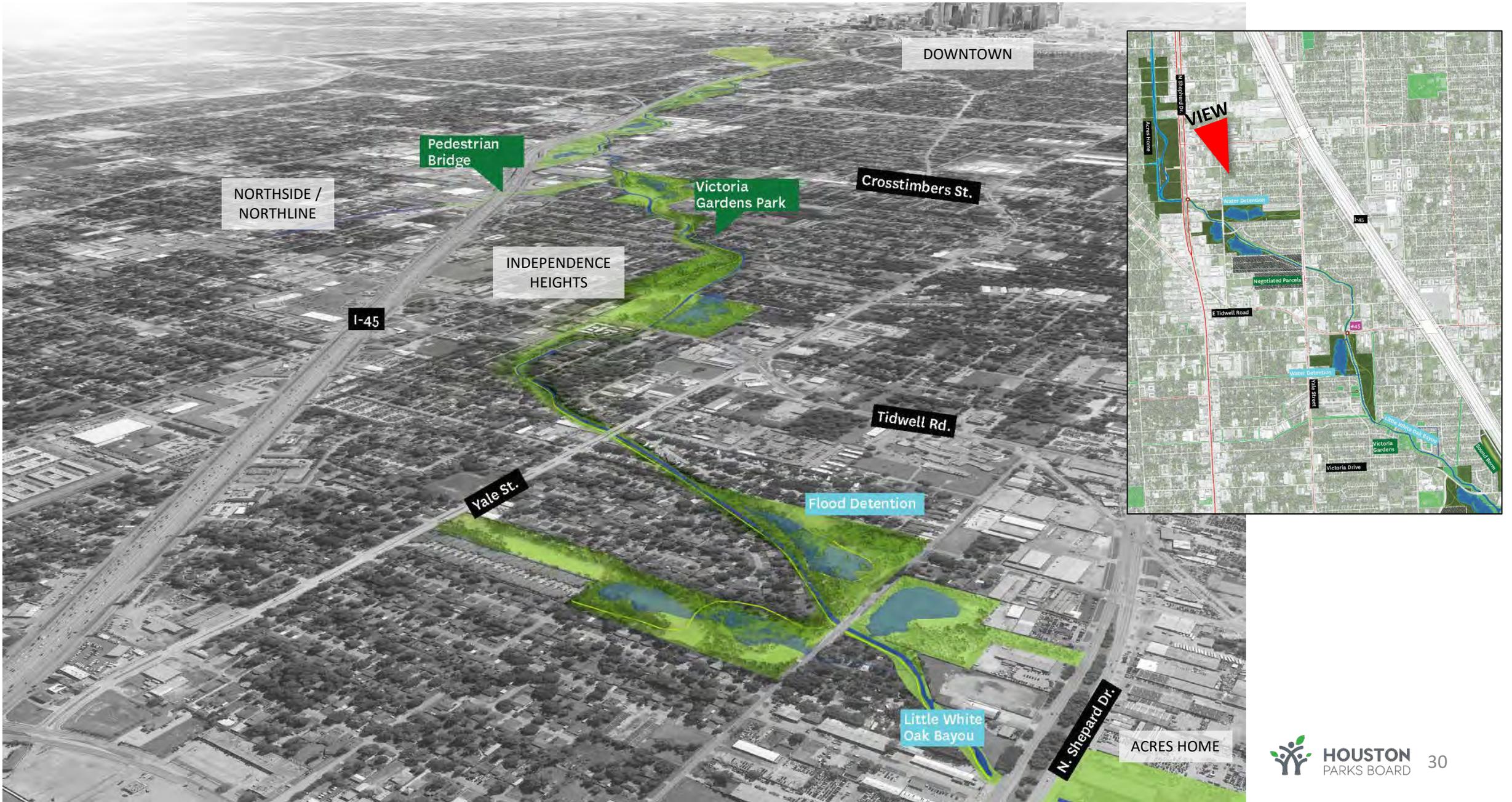
# AIR QUALITY / NOISE / VISUAL IMPACT SOLUTIONS



ROSE WALL – 606 PARK CHICAGO



# I-45 SECTION 1A - CONCEPT PLAN AND BIRDSEYE



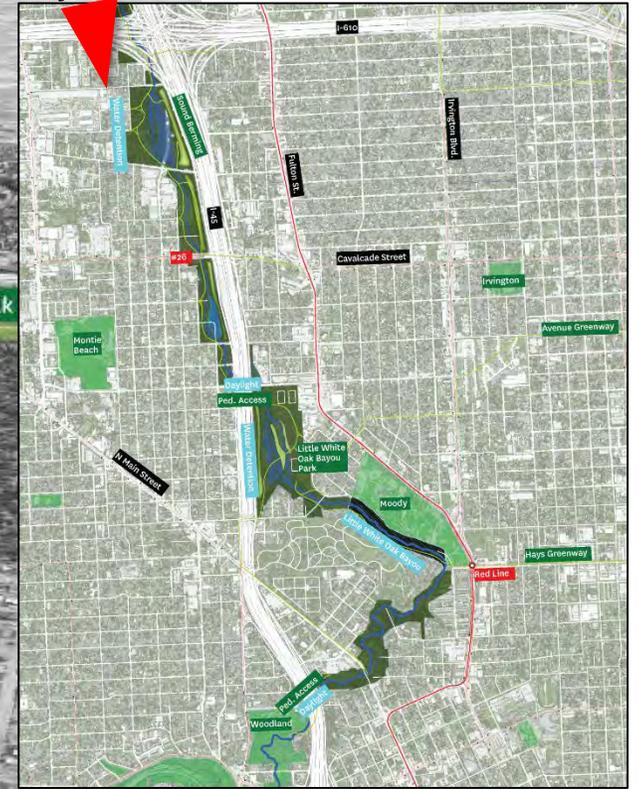


# I-45 SECTION 1B - CONCEPT PLAN AND BIRDSEYE

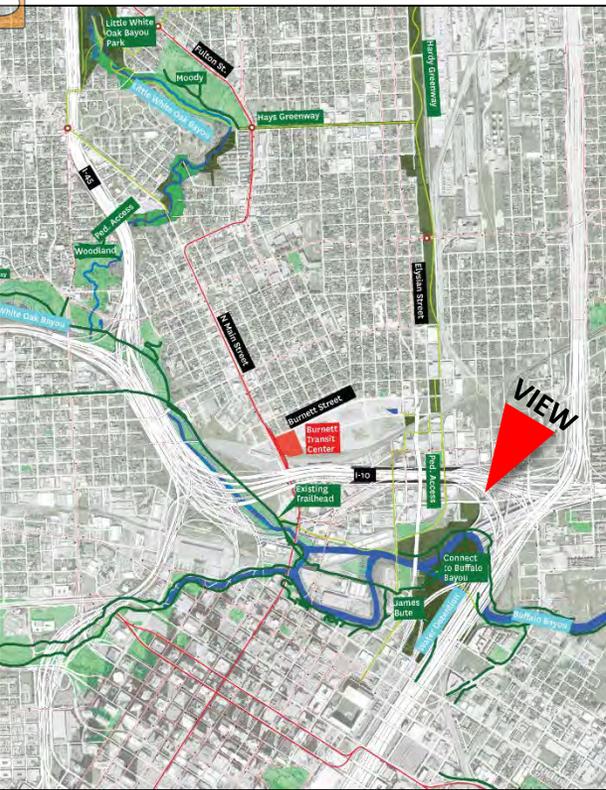


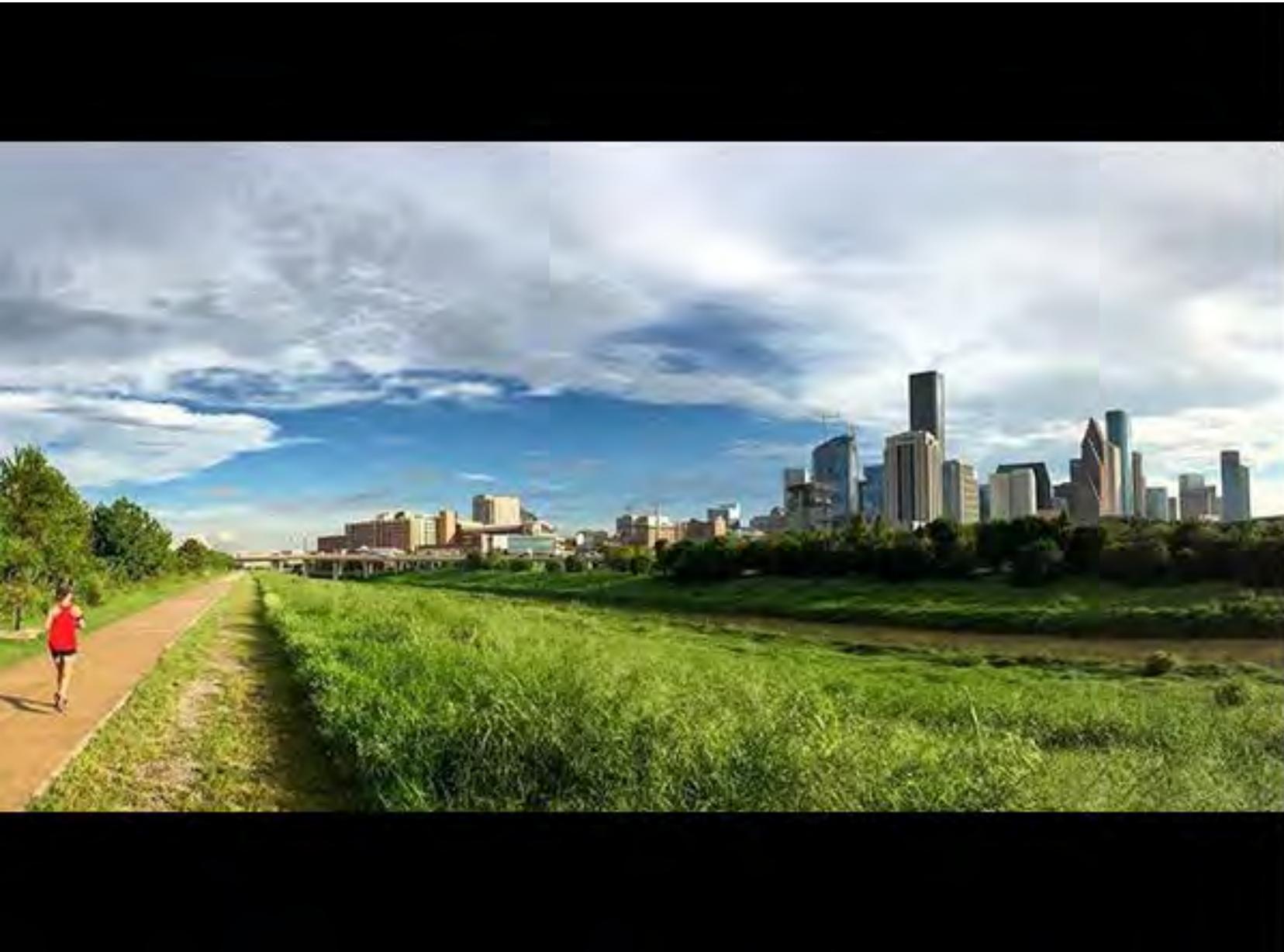


# I-45 SECTION 2 - CONCEPT PLAN AND BIRDSEYE



# I-59 SECTION 3 - CONCEPT PLAN AND BIRDSEYE





**houtexusa** • Following  
White Oak Bayou Trails

houtexusa My afternoon #walk along #WhiteOakBayou on the #WhiteOakBayouTrail. #My\_Houston #Houston\_Community #HoustonInPhotos #HoustonNoLimits #Houston\_Insta #Houston\_City\_Insta #HTown #BayouCity #SpaceCity #ig\_houston #houstoncity #houston\_to\_go #igofhouston #HoustonChroniced #houstonandbeyond



24 likes

SEPTEMBER 13, 2016

Add a comment...

