

EXHIBIT D



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 Borris 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

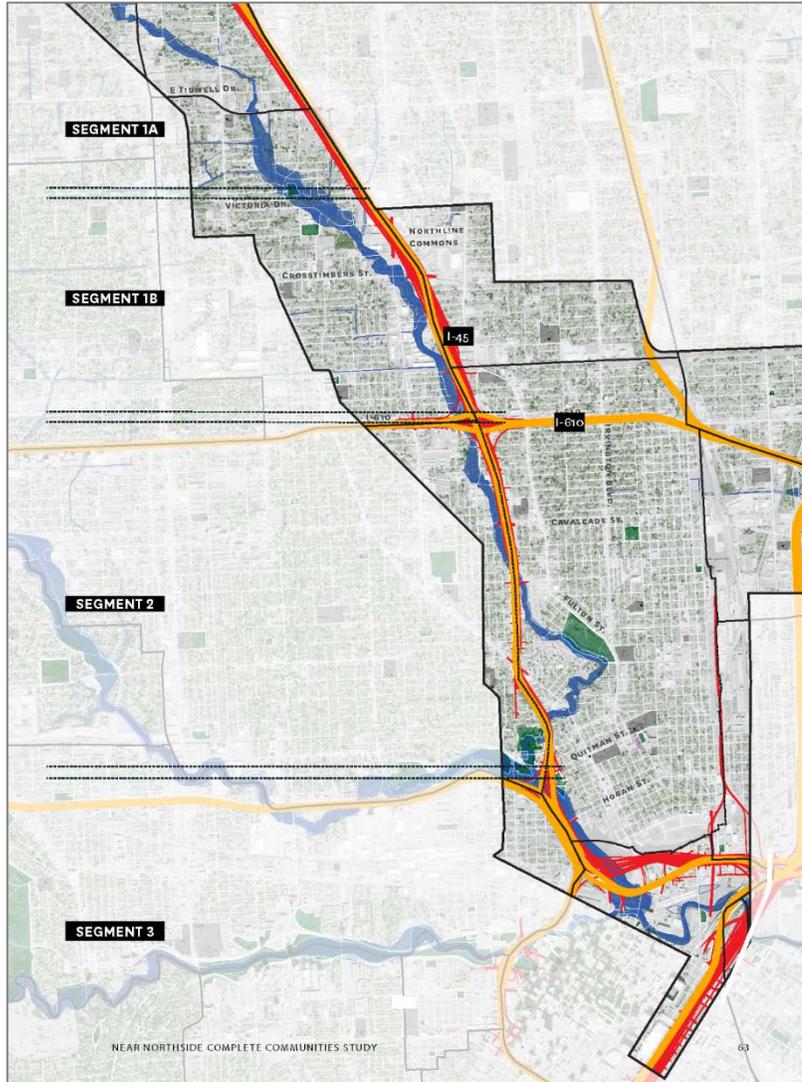
COALITION ISSUES MEETINGS WITH TxDOT:

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

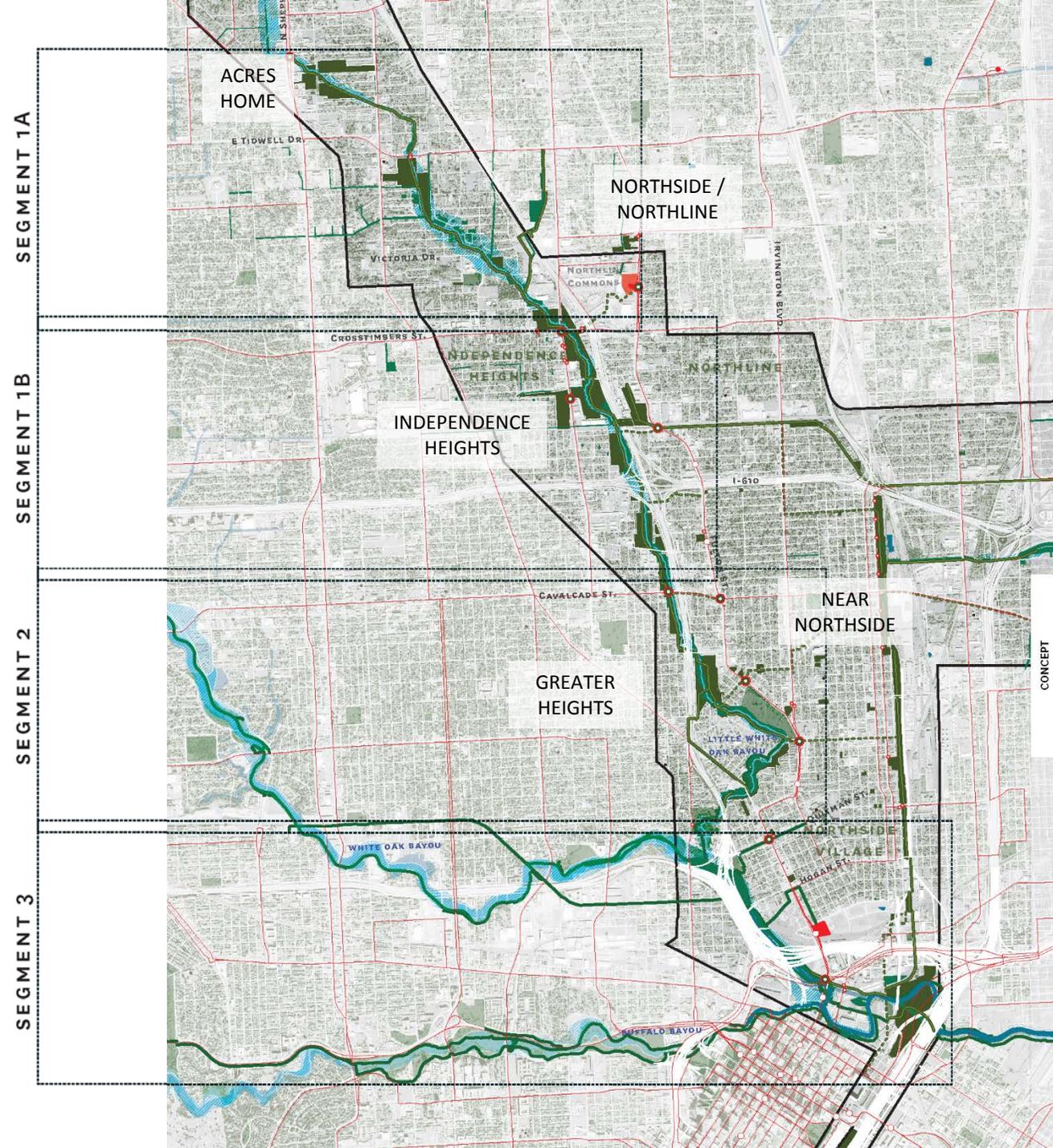


PHOTO: BRETT COOMER

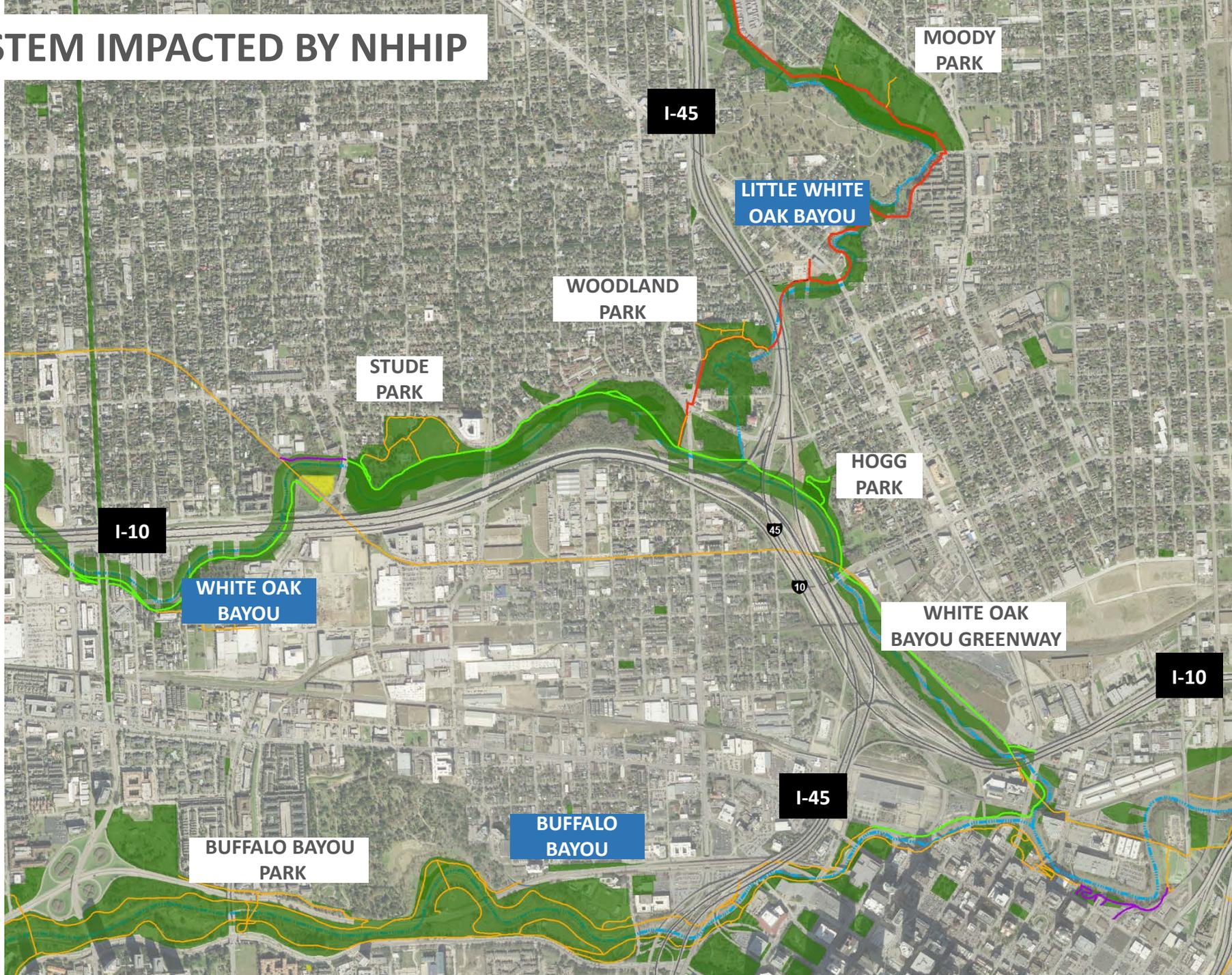
I-45 EXPANSION



TxDOT EXPANSION



BAYOU SYSTEM IMPACTED BY NHHIP



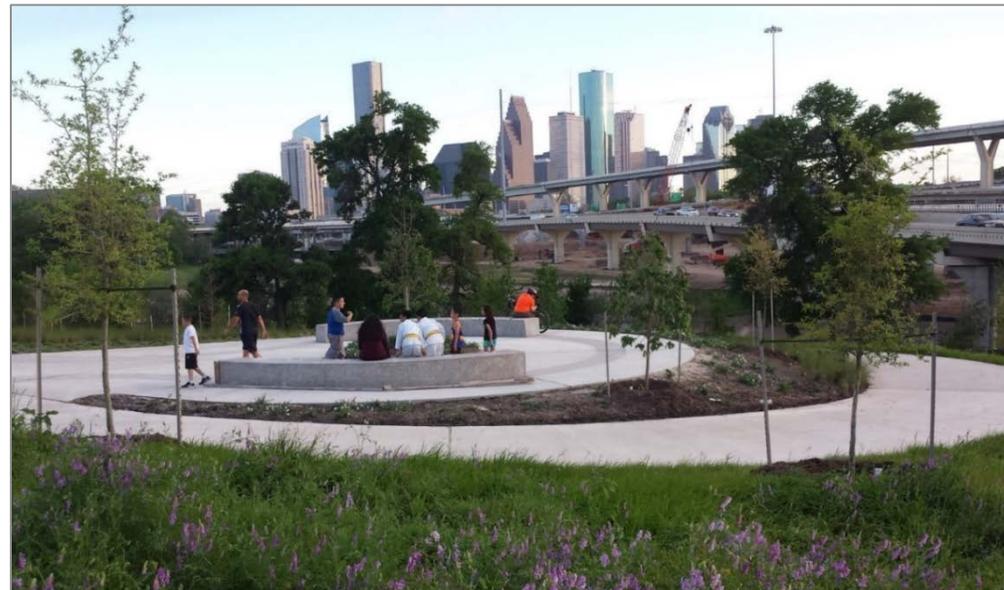
WHITE OAK BAYOU GREENWAY – TIGER 3 PROJECTS



WHITE OAK / BUFFALO CONNECTOR



LEONEL CASTILLO COMMUNITY CENTER

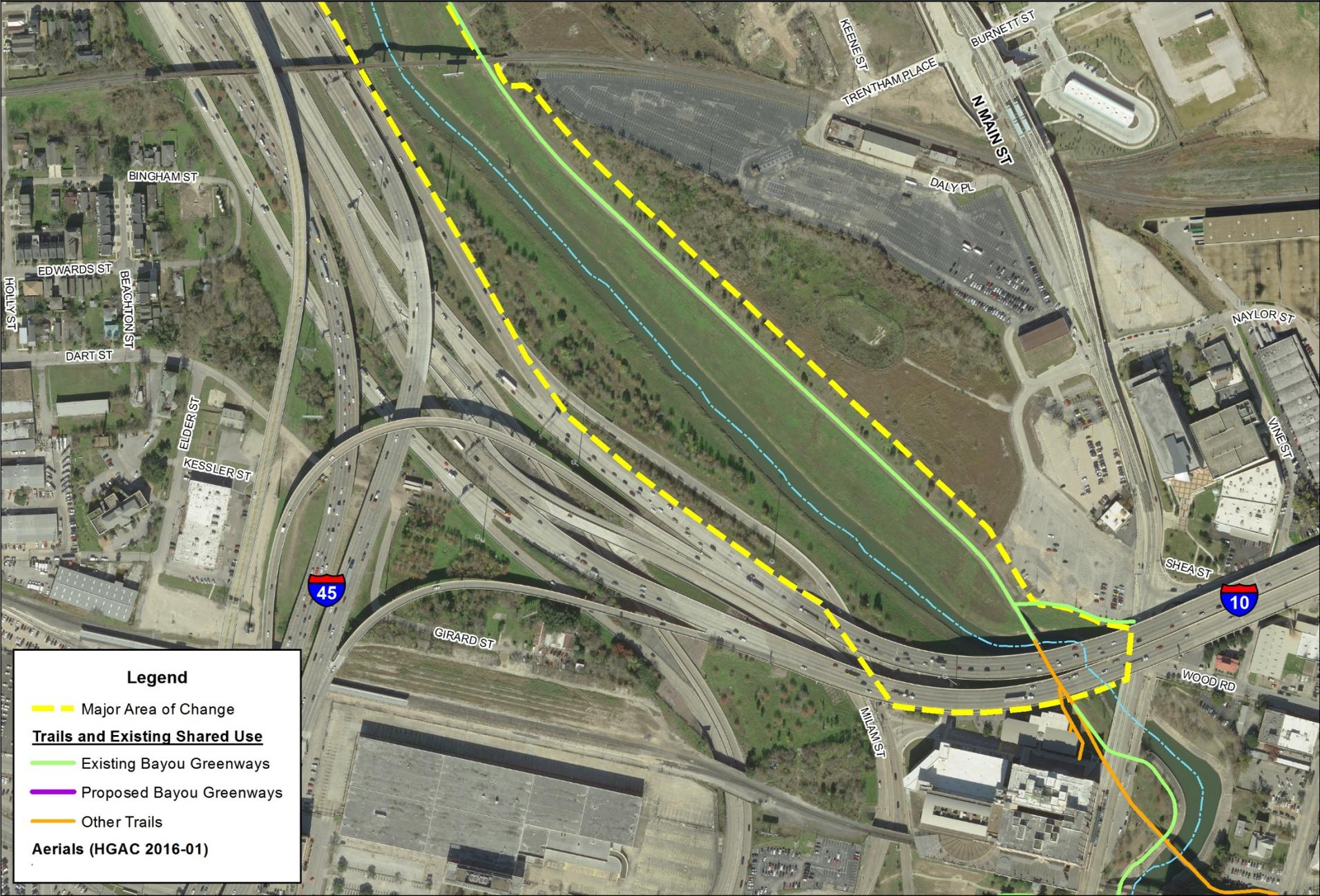


**WHITE OAK BAYOU GREENWAY FROM THE TRAIL NEAR HOGAN STREET
LOOKING SOUTHEAST TOWARDS DOWNTOWN**



White Oak Bayou Greenway

Segment WO01: Before I-45 Expansion



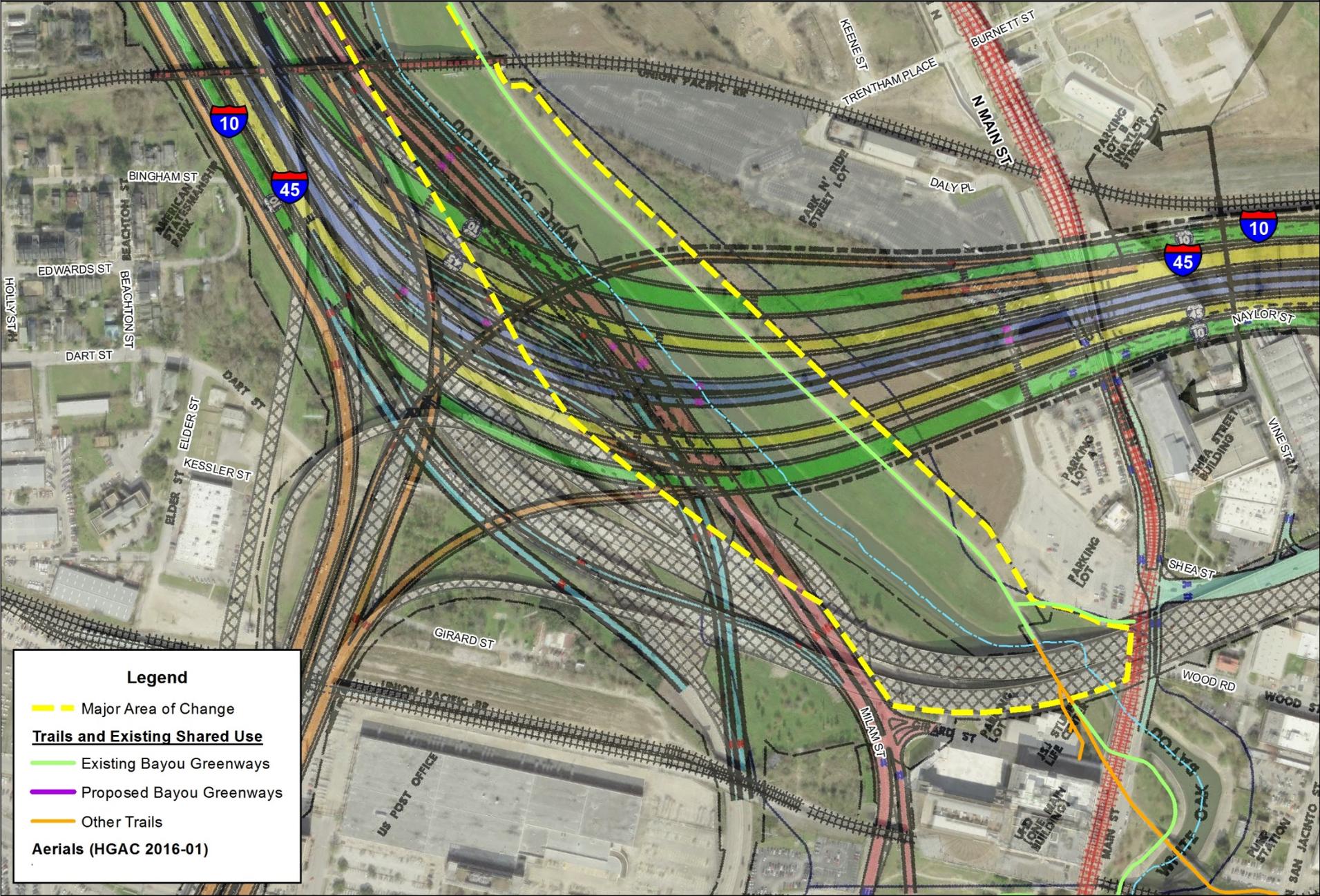
Legend

- 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



I-45 VISUAL IMPACTS



I-45 VISUAL IMPACTS



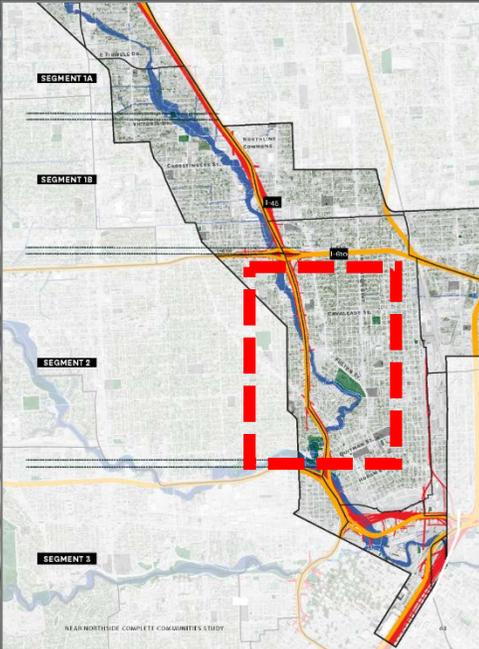
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TWENTY LANES OF TRAFFIC THROUGH NEAR NORTHSIDE – SEGMENT 2

LITTLE WHITE OAK BAYOU

PATTON ST

LITTLE WHITE OAK BAYOU



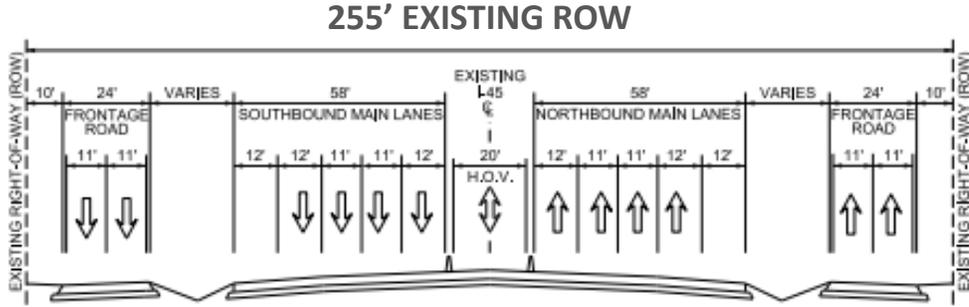
I-610 AND I-45 IMPACTS



LITTLE WHITE OAK BAYOU

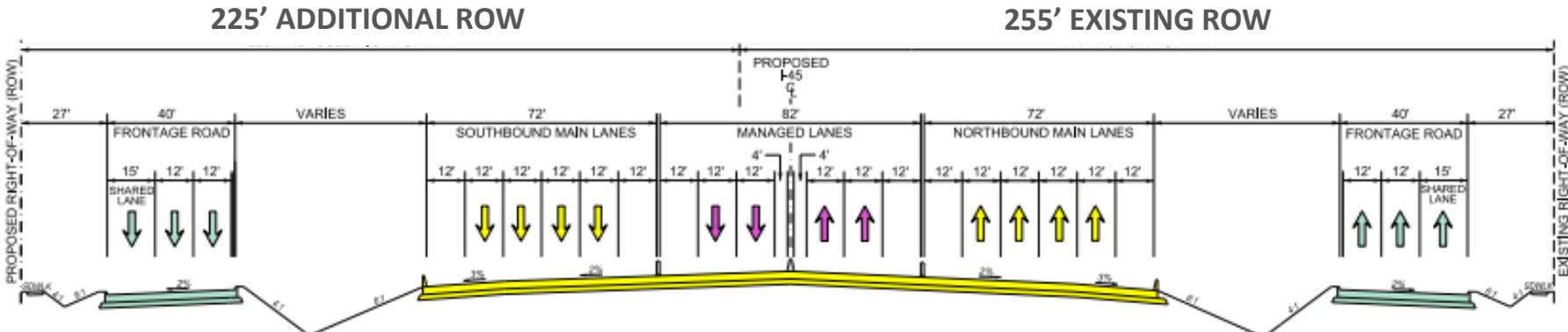
CONNECTIVITY AND MOBILITY CONCERNS – AIRLINE TO SHEPHERD

- ROW BEING DOUBLED IN THIS AREA
- THREE LANE FEEDER CREATES SPEEDWAY THROUGH NEIGHBORHOOD – TWO LANES PREFERRED
- PROPOSED 15' OUTER FEEDER TO ACCOMMODATE BICYCLES IS SAFETY CONCERN. SHARED-USE SIDEWALKS PREFERRED

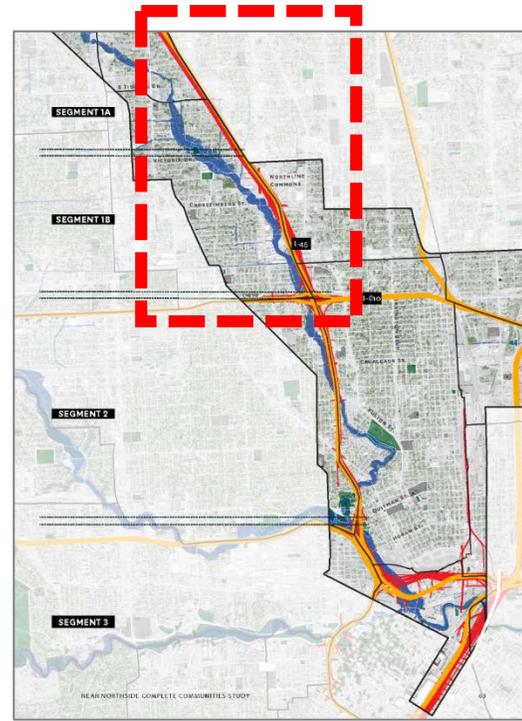


EXISTING TYPICAL SECTION
AIRLINE DRIVE TO SHEPHERD DRIVE

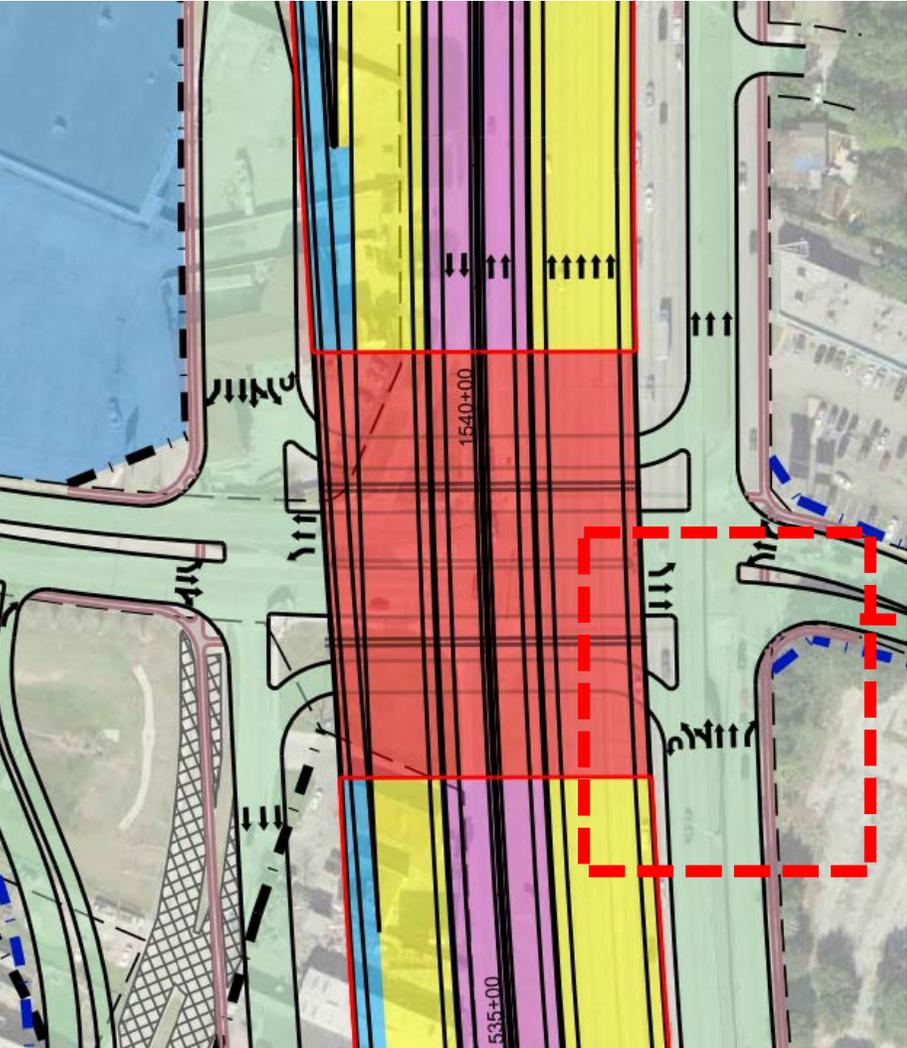
480' PROPOSED ROW
18 LANES OF TRAFFIC



PROPOSED TYPICAL SECTION
AIRLINE DRIVE TO SHEPHERD DRIVE



CONNECTIVITY AND MOBILITY CONCERNS



EXAMPLE OF PROPOSED INTERSECTION (I-10 AT BUNKER HILL)



**PROPOSED PARKER ROAD INTERCHANGE – 20 LANE FREEWAY
(14 MAIN LANES + 6 FRONTAGE LANES)
PEDESTRIANS HAVE TO CROSS 64’ OF PAVEMENT (5 LANES OF TRAFFIC).**

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

COMMUNITY IMPACTS - HOMES

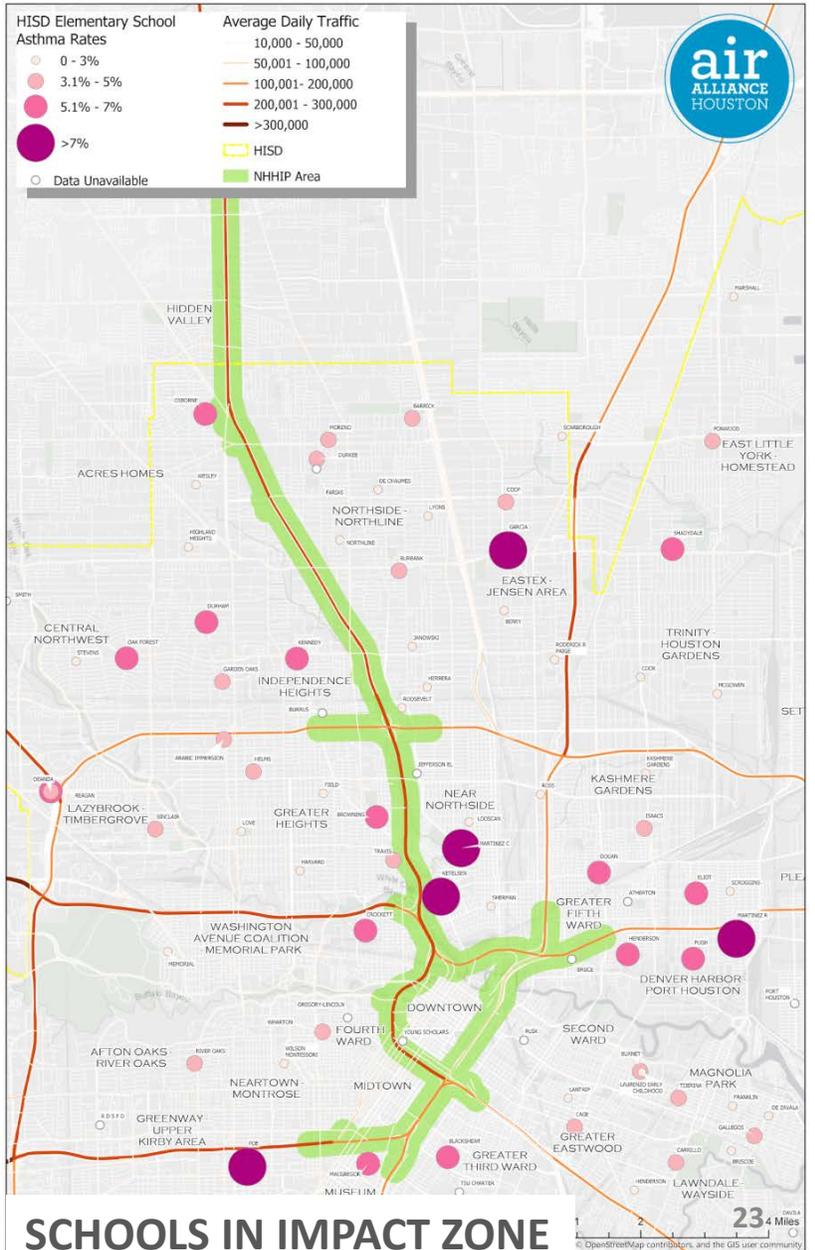
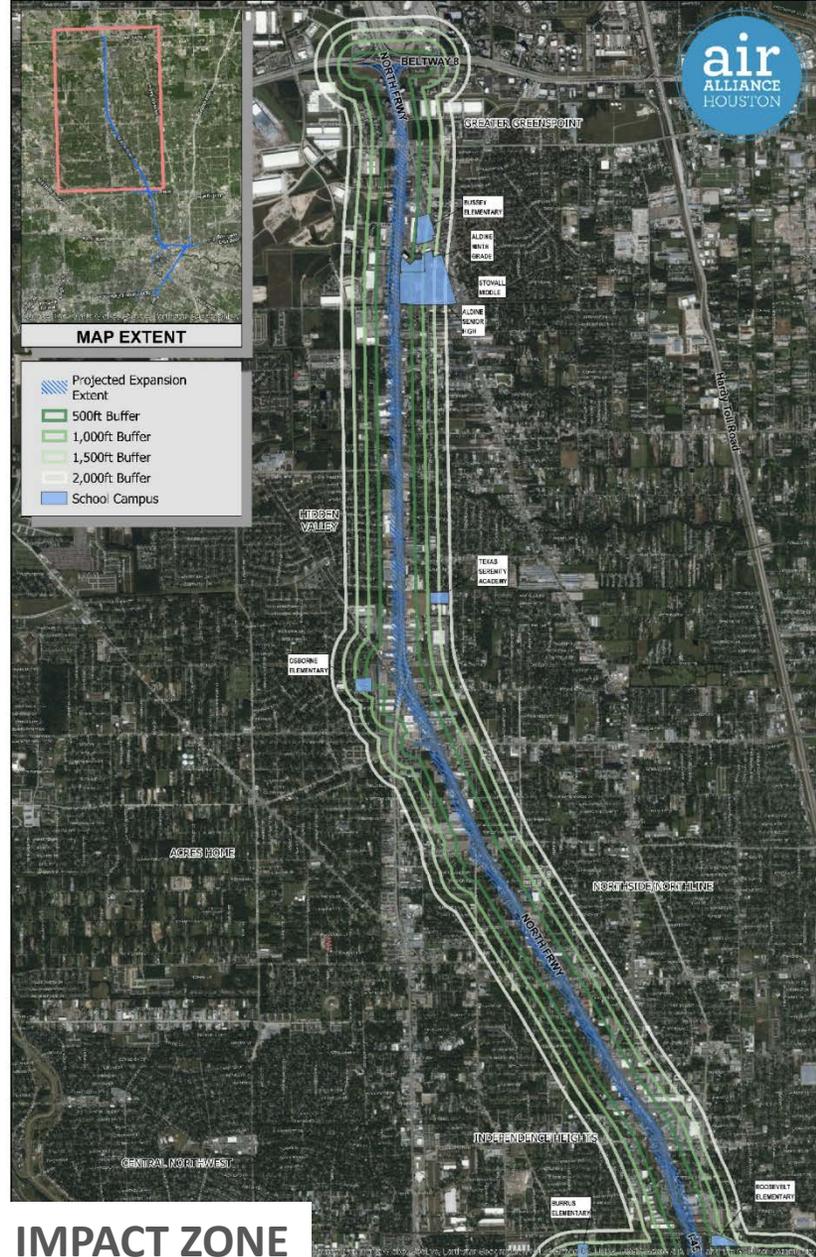
LA VISTA VILLA APARTMENTS



DELANEY STREET HOMES

AIR QUALITY IMPACTS

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



**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



NEAR NORTHSIDE CONCEPT PLAN AND PARTNERSHIPS



COH Rebuild Houston



METRO



Spark School Park Program



CenterPoint Energy



Flood Control R.O.W.



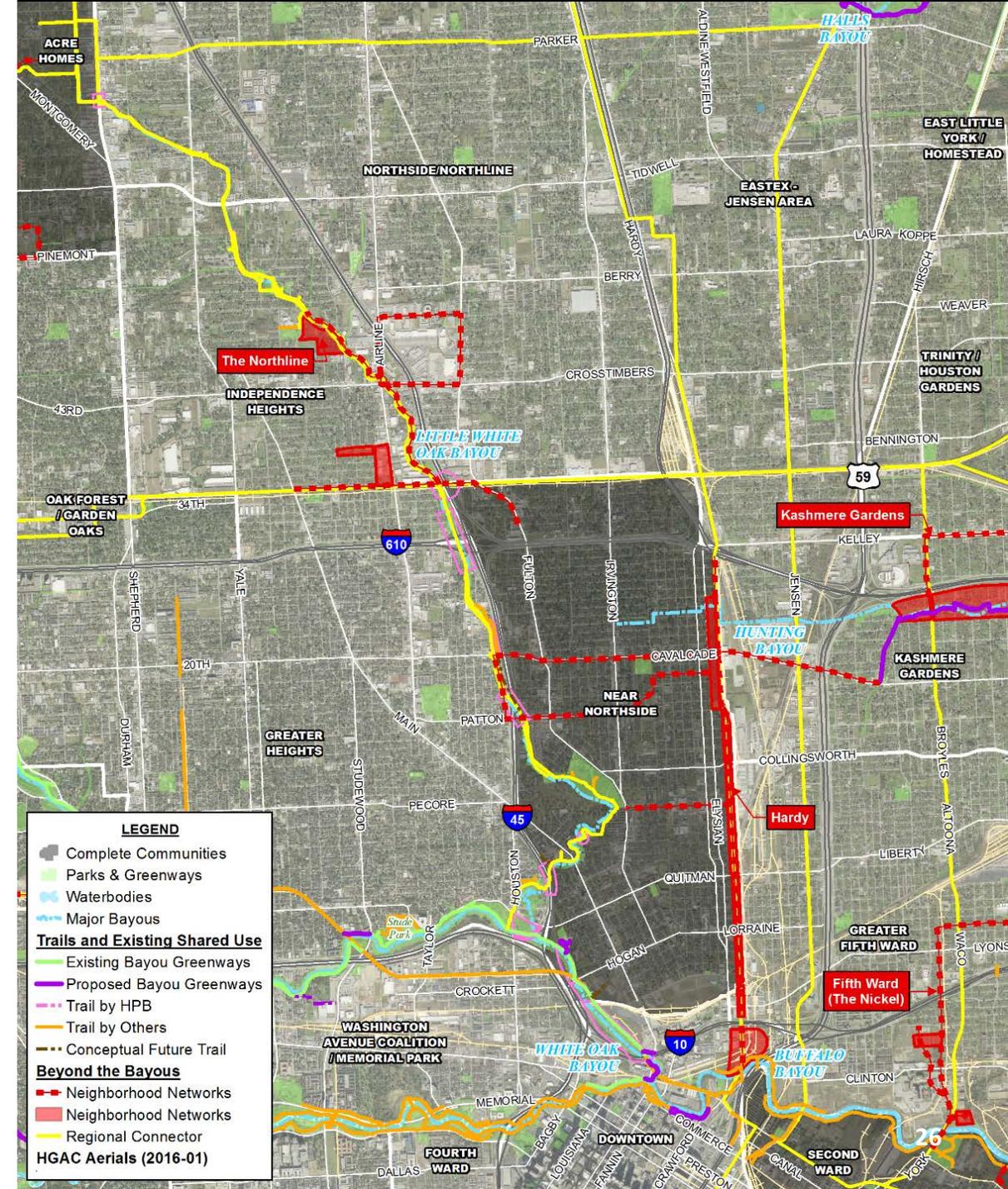
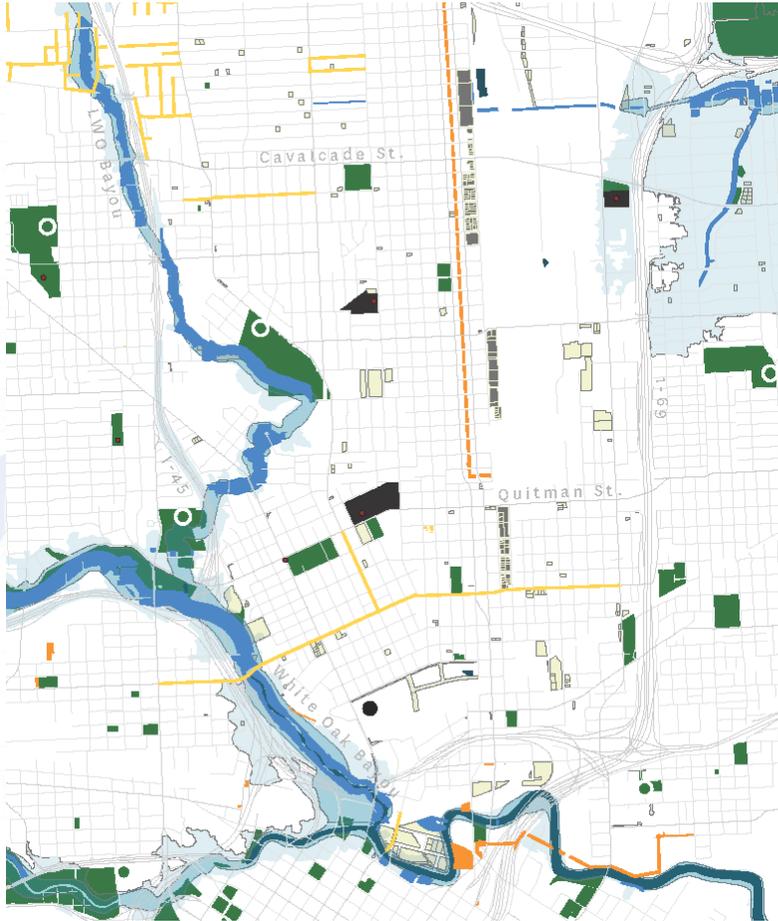
Houston Parks and Recreation



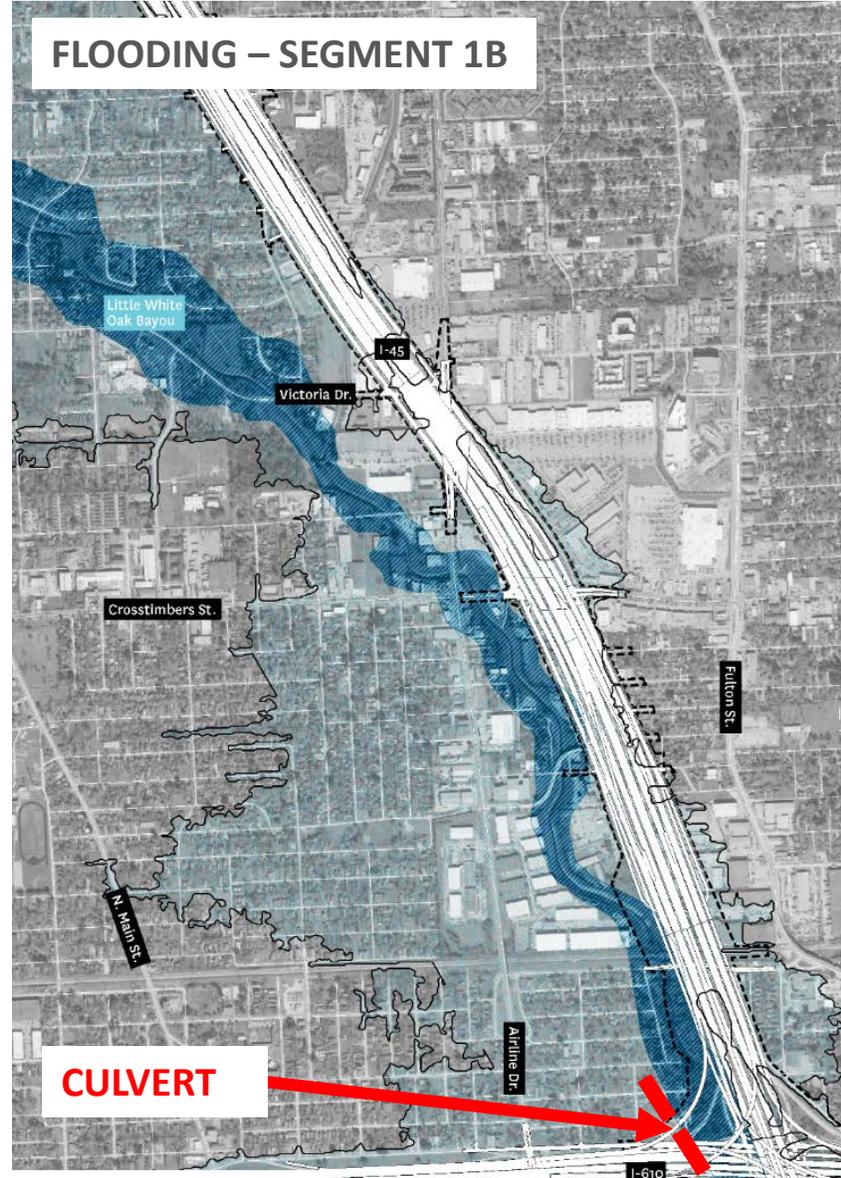
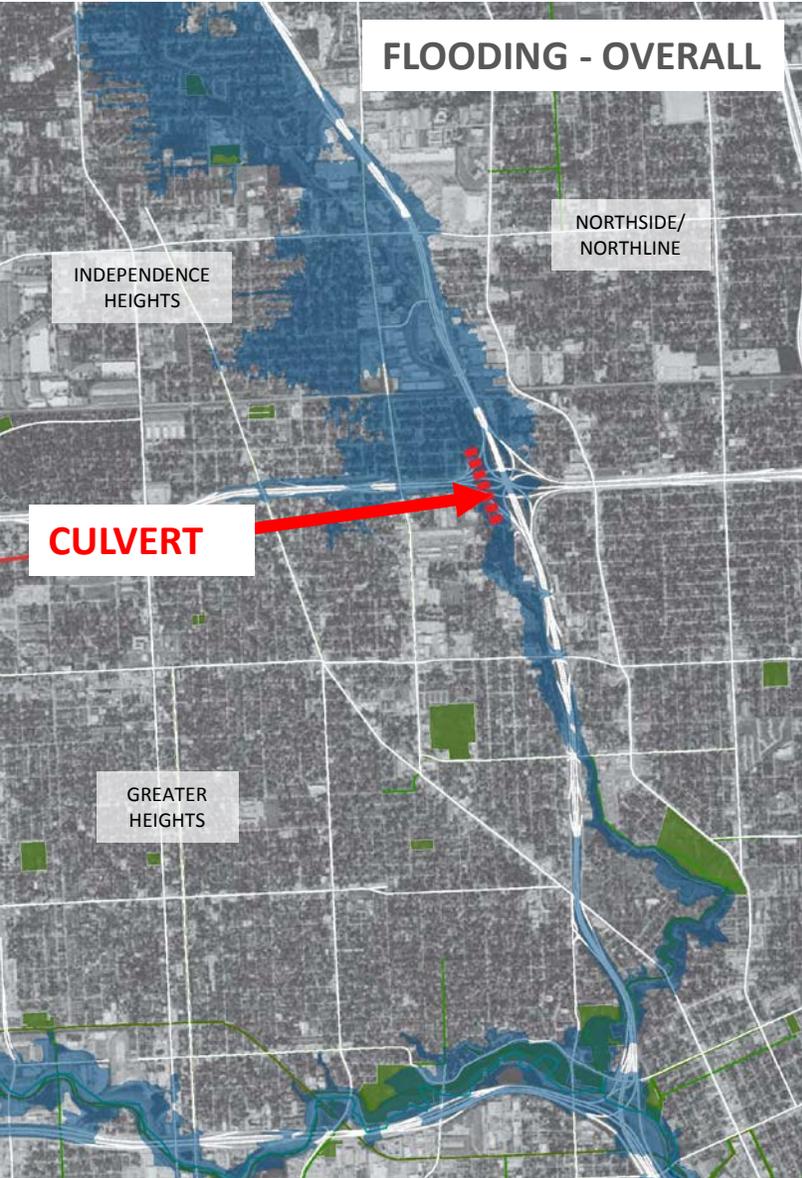
Houston Parks Board



Private Land for Acquisition



INDEPENDENCE HEIGHTS – I-45 FLOODING AND NOISE



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

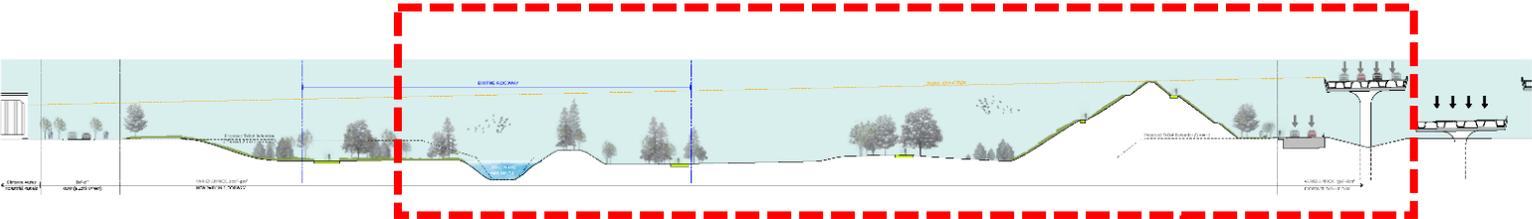


- 66 DB
- 71 DB

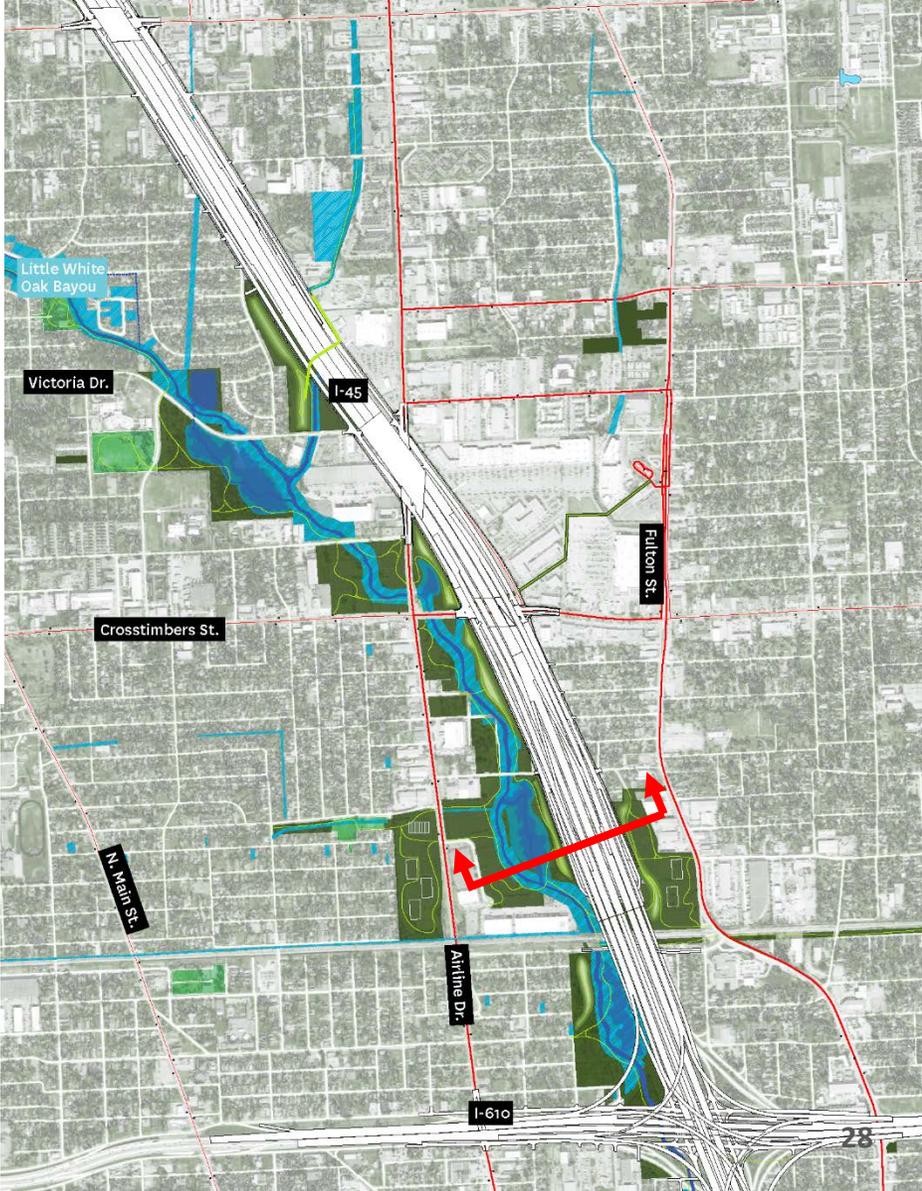
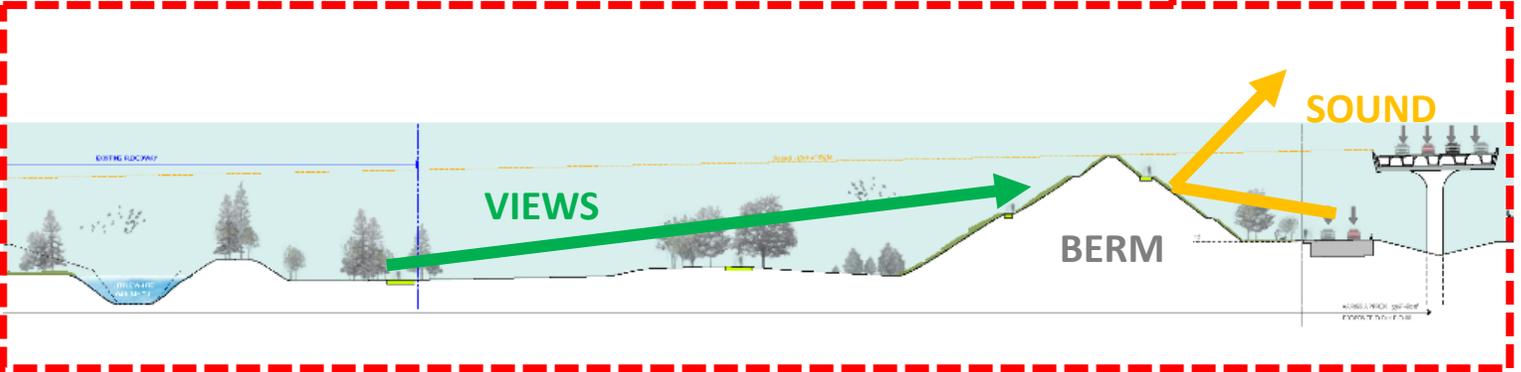
I-45 SECTION 1B CONCEPT PLAN AND SECTIONS



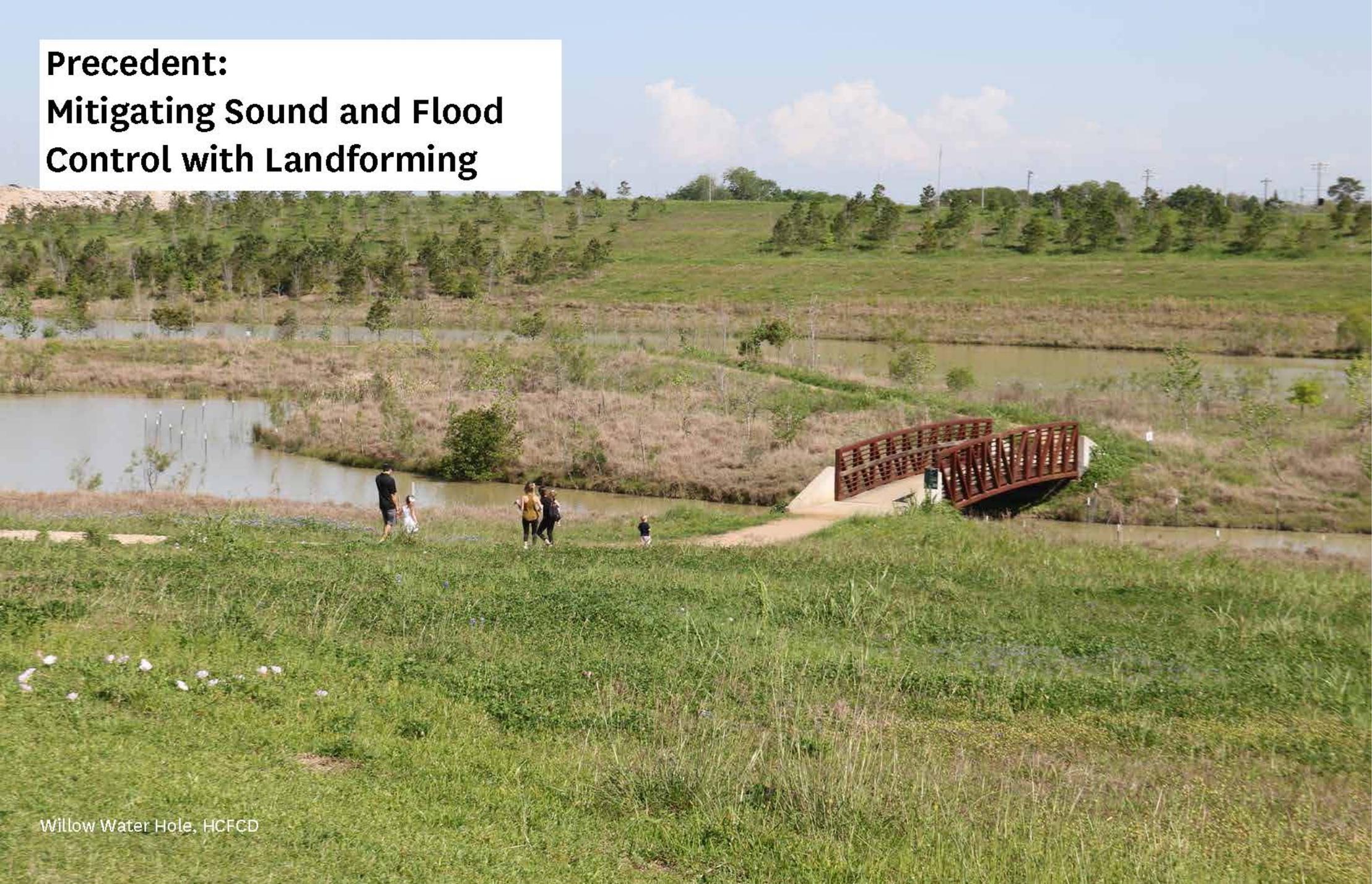
TxDOT PROPOSED SECTION AT RIGGS ROAD



HPB PROPOSED SECTION AT RIGGS ROAD



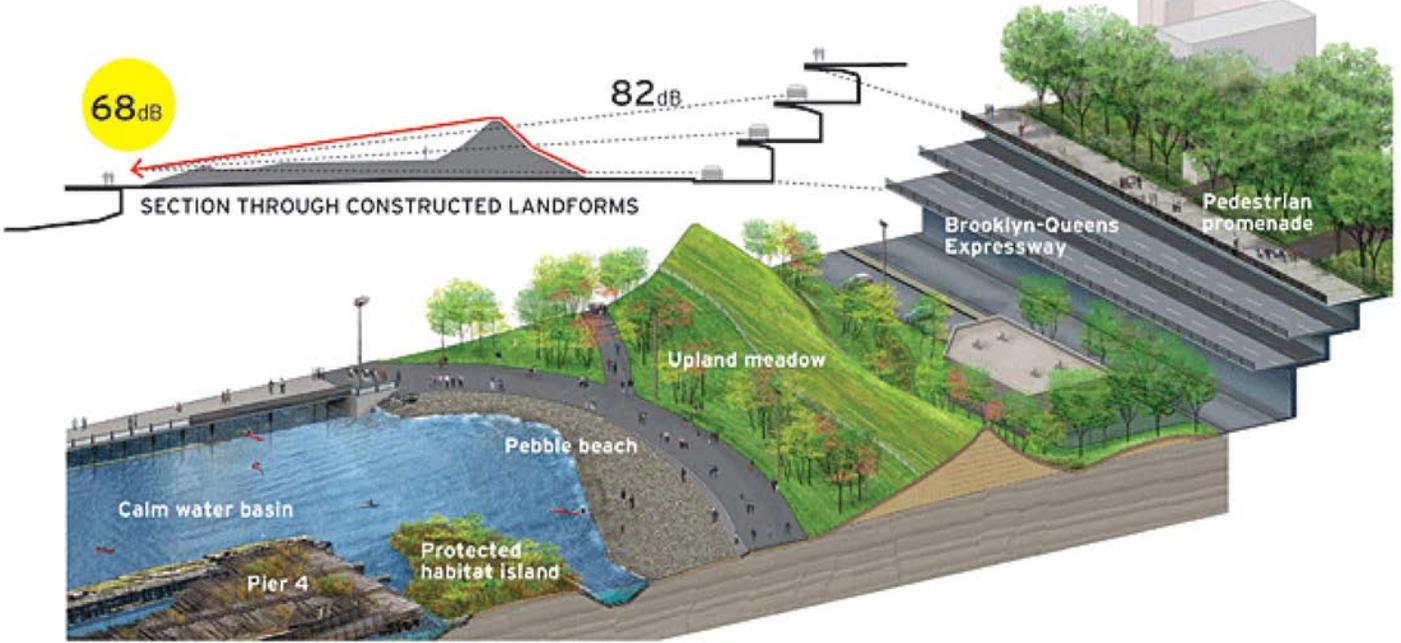
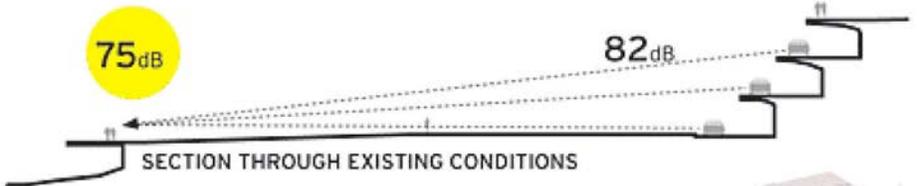
**Precedent:
Mitigating Sound and Flood
Control with Landforming**



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



AIR QUALITY / NOISE / VISUAL IMPACT SOLUTIONS



SECTIONAL AXONOMETRIC

BROOKLYN BRIDGE PARK

606 PARK, CHICAGO



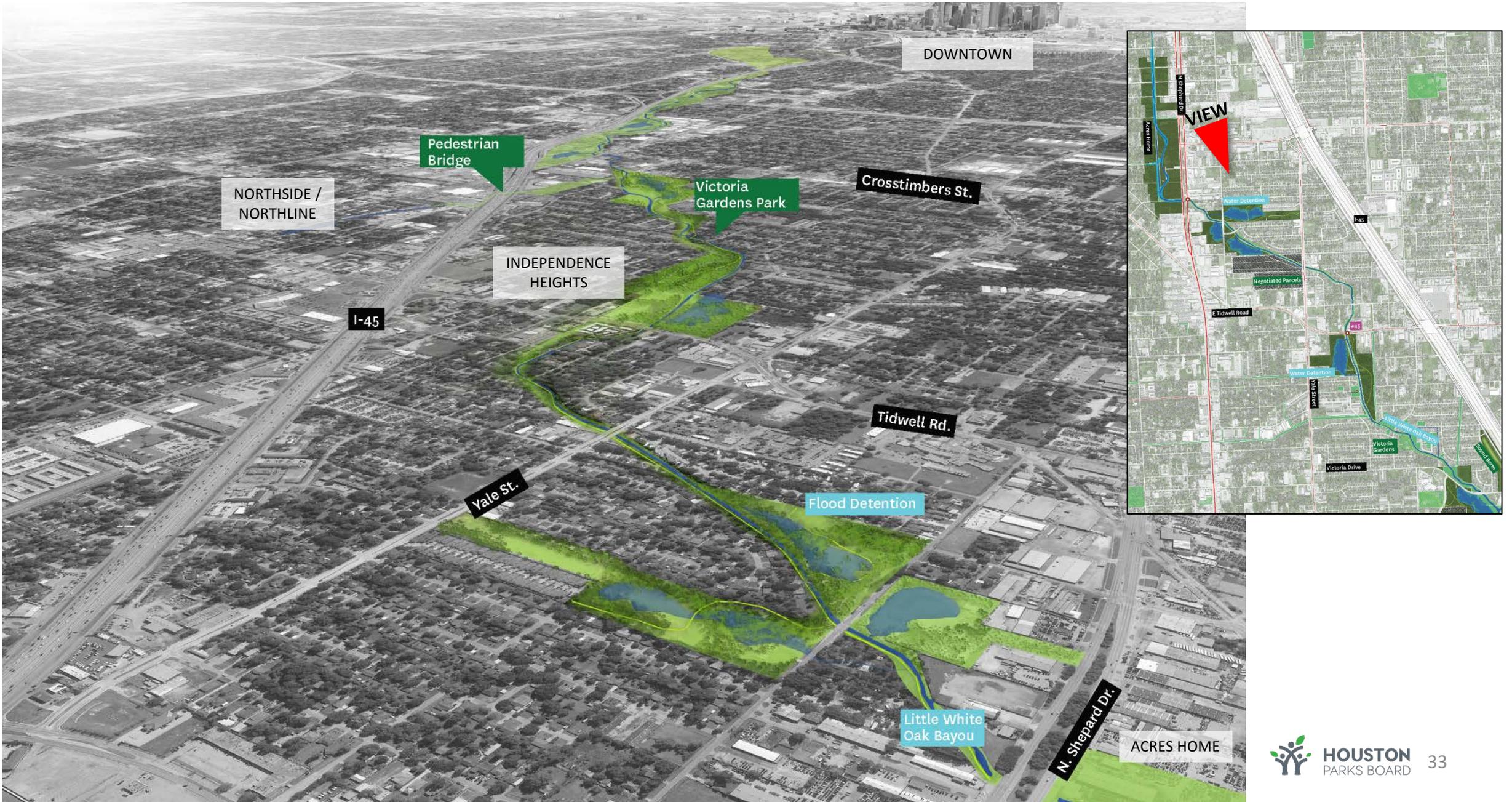
AIR QUALITY / NOISE / VISUAL IMPACT SOLUTIONS



ROSE WALL – 606 PARK CHICAGO



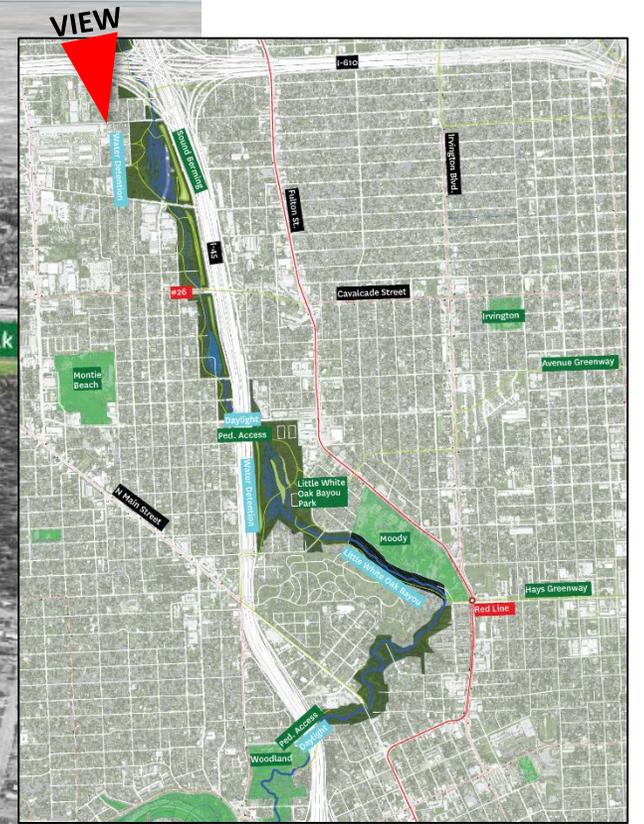
I-45 SECTION 1A - CONCEPT PLAN AND BIRDSEYE



I-45 SECTION 1B - CONCEPT PLAN AND BIRDSEYE



I-45 SECTION 2 - CONCEPT PLAN AND BIRDSEYE



I-59 SECTION 3 - CONCEPT PLAN AND BIRDSEYE

