

## WHITE OAK BAYOU SECTION 211(f) FLOOD DAMAGE REDUCTION PROJECT INFORMATION

### DESCRIPTION

- Project Features
  - 15.3 miles grass-lined channel conveyance improvement
  - 4 detention basin complexes (covering 352 acres storing 2,940 acre-feet of water)
  - 12 miles of linear park/trails along the channel and multi-purpose fields, play areas, trails, etc. in detention basins
  - Aesthetic and environmental quality features
- Harris County Flood Control District (HCFCD) – manages, designs, and builds the project; buys land, easements, rights-of-way; relocates utilities; adjusts bridges (except for railroads); and operates and maintains the project features after construction
- USACE – monitors the overall project, approves HCFCD work, and reimburses the design and construction cost
- Project Partnership Agreement executed December 2014; amended December 2018
- Funded to physical completion by the Bipartisan Budget Act (BBA) of 2018

### ALL REMAINING WORK UNDER CONSTRUCTION OR IN DESIGN

- Final excavation of north detention basin at Fairbanks N. Houston Rd. (construction)
- 12.6 miles channel conveyance improvements from Cole Creek to FM 1960 (design)
- Recreation components (design)
- Estimated Completion: 2021

### BENEFITS/COSTS (PRE-NOAA ATLAS 14 PRECIPITATION)

- Number of structures subject to a 10% (10-year) flood reduced from 1,300 to 50
- Number of structures subject to a 4% (25-year) flood reduced from 2,700 to 900
- Number of structures subject to a 1% (100-year) flood reduced from 6,100 to 4,600
- Total first cost estimate - \$124M: HCFCD \$54M (43%), Corps \$70M (57%) (includes \$13M for recreation; \$6.7M HCFCD, \$6.3M Corps)
- Expenditures to date: HCFCD \$85M (99%), Corps \$0.2M (1%)
- Benefit-to-Cost ratio = 7.2 (3.5%) 4.3 (7.0%)

### FEDERAL FUNDING

	<u>FY98 – FY19</u>	<u>FY20</u>	<u>FY21 Needed</u>
Appropriations	\$57,039,000*	\$0	\$41,800,000
For	Completed D.S. + Project Constr. After Feb. 2018		Construction Completed Before Feb. 2018

\*Includes \$45M allocated to White Oak Bayou from BBA 2018 Construction appropriation

### CONGRESSIONAL/ADMINISTRATION SUPPORT NEEDED

- Resume annual funding that is needed to reimburse pre-BBA 2018 construction and to fiscally close the project upon completion.

### HCFCD REGIONAL FLOOD CONTROL PROJECT

### GENERAL INFORMATION

- Purchased 10 detention sites totaling 490 acres; excavated 9.7 million cubic yards (1.9 billion gallons, 3.9 Astrodomes)
- Completed 7.5 miles of channel conveyance improvement from Tidwell Rd. to the Sam Houston Tollway
- Completed 2.0 mile Jersey Village diversion channel improvement in 2010
- Completed 1 detention basin in 2010; completed a second in 2013
- Federal Project incorporates many of these components

### Excavation Work

