Bayou Preservation Association
15th Annual Symposium

“When’s Been Sleeping Since Harvey?”
October 18, 2018

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Harris County Flood Control District
Agenda

- Recovery and Repairs
- Bond Progress, Planning and Communication
- Interagency Collaboration
- Federal Grant Opportunities / Pursuits
Recovery and Repairs

- $8.9 million in debris removal (140,000 CY)
- $5.5 million in emergency repairs
- $150 million repair investment needed
  - $80 million from NRCS
  - $17 million from FEMA
  - $2 million from USACE
  - $51 million local (HCFCD)
Bond Progress

- $11M in Construction Awards (primarily repairs)
  - $100M new advertisements by Dec (pending grants)

- Commissioners Court Action
  - 41 new projects authorized
  - 55 projects already underway
  - Approx. $1.4 billion “in motion”
  - Increased Commercial Paper to $250M
  - Approved 20 new staff positions – for now
Bond Planning

• Planning $5B in Projects over 10 years
  • “Project Readiness”
  • Benefitting as many people as possible
  • Opportunities for Federal funding
  • Local Partners and joint project funding
  • Balance against Production Resources
Bond Communication
1. County/Municipal neighborhood drainage and HCFCD infrastructure pre-dates current criteria. Neighborhood streets are re-graded and re-constructed by the City with more inlets and bigger storm sewers to get the water out of the neighborhood faster.

2. That increased flow is mitigated in a new stormwater detention basin that HCFCD constructs in consultation with the City who then maintains the basin. Water is held in the basin and slowly released through a restricted outfall pipe.

3. The stormwater detention basin also provides greenspace and opportunities for recreation such as public parks, which the City constructs and maintains.

4. Because the increased flows are mitigated in the stormwater detention basin, the water flowing to the HCFCD maintained channel is unchanged and does not increase flooding elsewhere.
Partnership Opportunities

How is Harris County Flood Control District funded for disaster recovery & resiliency?

Includes Local Match for Federally Funded Projects

Operations & Maintenance

Capital Improvement Program

Existing Federal Projects

Repairs

New Structural Projects

Home Buyout Program

Public Assistance 10% Local Match

Section 406 Varies by Project

Flood Mitigation Assistance Program 25% Local Match

Hazard Mitigation Grant Program 25% Local Match

Community Development Block Grants 0% Local Match

State-level Grantees

Texas Water Development Board

Disaster Supplemental Notice of Funding Opportunity Grant Varies: 20% Local Match for Harvey

Includes Local Match for Hurricane Harvey

10% Local Match

DAMAGE-RELATED

SECTION 404

US Army Corps of Engineers

USDA Natural Resources Conservation Service

United States Department of Agriculture

FEMA

EDA

$2-3 Billion
Grant Opportunities & Pursuits

- **FEMA HMGP Section 404 (75/25)**
  - Buyouts $230M in applications ($212M awarded)
  - New Projects $150M in applications ($0 awarded)

- **FEMA Section 406 Public Assistance (90/10)**
  - $60M in New Projects submitted ($0 awarded)
  - $291M in additional to be submitted

- **CDBG-DR (100/0 we hope)**
  - $53M in possible “1st Tranche” Opportunities
  - $1.7B in possible “2nd Tranche” Opportunities