WATERSHEDS

BOND PROGRAM
On August 25, 2018, Harris County voters approved $2.5 billion in bonds to finance flood damage reduction projects in Harris County. The Harris County Flood Control District is overseeing these projects, which include the building of levees, the installation of stormwater management systems, and other flood prevention measures. Some of these projects are designed to help reduce flooding in specific watersheds, while others are county-wide or multi-watershed projects aimed at protecting the entire county from flooding events.

COUNTY-WIDE OR MULTI-WATERSHED PROJECTS
Some Harris County Flood Control District projects span multiple watersheds. On this map, you can see a detailed view of the White Oak Bayou Federal Project - Phase 2, which is one of the projects that is being closely monitored as it progresses.

SUBDIVISION DRAINAGE PROJECTS
HARRIS COUNTY ENGINEER
DEPARTMENT - Out division drainage

RESILIENCE

RECOVERY

READINESS
Historical CIP/Grant Spending

2010: $80,620,064
2011: $63,348,639
2012: $54,441,601
2013: $59,800,932
2014: $49,959,681
2015: $34,358,583
2016: $79,310,951
2017: $89,083,691
2018: $122,627,695
2019: $196,947,110
2020: $199,040,541

PROJECT PROGRESS & COMMUNITY ENGAGEMENT

2018 | BOND PROGRAM
# Progress by the Numbers

For FY19/20

<table>
<thead>
<tr>
<th>Funding Expenditures</th>
<th>Staff Levels</th>
</tr>
</thead>
<tbody>
<tr>
<td>O&amp;M</td>
<td>FTEs</td>
</tr>
<tr>
<td>$92M</td>
<td>325</td>
</tr>
<tr>
<td>Capital/Grant</td>
<td>Staff Augmentation</td>
</tr>
<tr>
<td>$255M</td>
<td>~100 plus</td>
</tr>
</tbody>
</table>

Notes:
1. Expenditures include estimates on expenses until the end of the FY (Feb.)
2. Of the $255M in Capital/grants, $110M are bond funds
3. Staff Augmentation numbers fluctuate
4. Only 53 bond projects remain to be initiated
## Federal Grants Awarded – Harvey

<table>
<thead>
<tr>
<th>Granting Agency</th>
<th>Total Award</th>
<th>Grant Share of Awarded Amount</th>
<th>Local Share of Awarded (LSA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FEMA</td>
<td>$246,855,719</td>
<td>$181,777,585</td>
<td>$65,078,134</td>
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<tr>
<td>HUD</td>
<td>$10,000,000</td>
<td>$10,000,000</td>
<td>$</td>
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<tr>
<td>NRCS</td>
<td>$115,575,401</td>
<td>$106,557,536</td>
<td>$11,063,526</td>
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<tr>
<td>US DOT</td>
<td>$21,185</td>
<td>$16,948</td>
<td>$4,237</td>
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<td>USACE</td>
<td>$486,165,000</td>
<td>$338,585,500</td>
<td>$147,582,500</td>
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<tr>
<td>EDA</td>
<td>$400,000</td>
<td>$320,000</td>
<td>$80,000</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$859,017,304</strong></td>
<td><strong>$637,257,569</strong></td>
<td><strong>$223,808,397</strong></td>
</tr>
</tbody>
</table>

**Notes:**
Assumption in 2018 Bond Preparation was ~$2B in Partnership funds
Continue Pursuit of Partner Funding

- HUD through the General Land Office (GLO)
- CDBG-MIT Funding, Action Plan Pending for $4.2B statewide
- Texas Water Development Board
  - Senate Bill 7 and 8 for $1.7B statewide
- Natural Resources Conservation Service
  - Rural programs and East Harris County eligibility
Continue to Execute

- Bid Calendar for 2020 ~ $500M
- Thousands of Additional ROW Purchases
- Increased Maintenance Activities
- Improved Customer Service
Continue to Engage

- Community Meetings ~ 100 more
  - Brays Bridges Example
  - Halls Ahead
- Meet with New Groups and Coalitions since the Bond
- MAAPnext and Flood Risk Communications
Continue to Innovate

• Tunnels
• Sustainable Infrastructure
• Dream Big – NHHIP Example
• Multi-Service Approach on Projects
Continue to Team!

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# Pursuit of Partnership Funds

## 2015, 2016 and 2017 Sources

<table>
<thead>
<tr>
<th>Partner</th>
<th>Partner Share</th>
<th>Local Match</th>
<th>Total</th>
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</thead>
<tbody>
<tr>
<td>Corps</td>
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<tr>
<td>Other</td>
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<tr>
<td>TOTALS</td>
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</tbody>
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**Notes:**

1. Assumption in 2018 Bond Preparation was ~$2B in Partnership funds