Harvey Recovery Status

MARVIN ODUM, CHIEF RECOVERY OFFICER
Budget and Fiscal Affairs Committee, City Council
May 29, 2018
MISSION

Secure and deploy resources to:

1. accelerate recovery
2. strengthen resiliency
3. enhance the quality of life and economic vitality of Houston
Recovery Phasing

**Phase 1 (Plan)**
- Assess
- Prioritize
- Set structure, strategy and plans
- Build team
- Deliver “quick wins”

**Phase 2 (Ramp up)**
- Advocate and negotiate for funding and policies
- Seek approval of plans
- Engage stakeholders
- Build capacity

**Phase 3 (Execute)**
- Implement plans
- Deploy funds as they arrive
- Enhance readiness for next disaster
- Build long term resilience

- Team formed
- Chap 19
- Today
- One year anniversary
- First CDBG-DR dollars arrive
Federal Harvey relief funding: How much and when?

- FEMA HMGP (estimated)
- NFIP
- SBA
- FEMA HOUSING & IA
- CDBG-DR Mitigation (3rd Supp)
- CDBG-DR Housing (3rd Supp)
- CDBG-DR Housing (1st Supp)

IA – Individual Assistance
SBA – Small Business Administration Loans
NFIP – National Flood Insurance Program
CDBG-DR – HUD Community Development Block Grant, Disaster Relief
HMGP – Hazard Mitigation Grant Program
Supp – Federal disaster relief supplemental appropriations
Four Part Approach – Building Forward

HELP
PEOPLE + NEIGHBORHOODS

TRANSFORM
HOUSING

STRENGTHEN
BUILDINGS & INFRASTRUCTURE

CATALYZE
REGIONAL FLOOD MANAGEMENT PLAN

A MORE RESILIENT HOUSTON
Neighborhood Restoration Centers

- New collaboration model with county and non-profits
- 12 Neighborhood Restoration Centers Established
- 2 additional NRCs planned for early June; more to follow
- To date, 1000s of residents have been assisted at NRCs
- Resource for housing case management; model for future disasters

Employment Programming

- 400 jobs created by COH to leverage a Texas Workforce Commission grant supporting Harvey dislocated workers
  - OBO on site with Workforce Solutions at NRCs to support “Topp Knotch” placement process
- Construction training partnership with Home Builders Institute (HBI) – aimed at youth between 18-24 years of age
- Complete Communities entrepreneurship program to help affordable home builders increase capacity
October - June
- FEMA DAHLR program ramped up (*28% of participating homes are under construction*)
- HUD CDBG-DR housing appropriation (*Secured $1.15 billion and local control*)
- HUD CDBG-DR mitigation appropriation (*est. $5bln to Texas – details on local allocations to come*)
- City resourcing to execute the program:
  - Filled grant-funded senior positions in HCD
  - Master program manager on board (*Aptim*)
  - HUD technical assistance on board
- Development of action plan & community engagement underway
  - Approval required for access to the funds – timeline below

**May-June**
- HCDD co-hosts community engagements

**6/6/2018**
- Action Plan released for public comment

**6/27/2018**
- Housing Action Plan for City Council Consideration, then GLO submission

**Early July**
- GLO releases consolidated plan for public comment

**7/18/2018**
- Housing case management contract for Council Consideration

**August**
- HUD publishes guidance on $5 billion mitigation allocation
- HUD approves plans

**8/22/2018**
- Construction case management contract for Council Consideration

**Late Summer**
- Residents begin applying for recovery housing programs

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**2018**
What’s included in a Housing Action Plan?

Seventy percent of CDBG – Disaster Recovery funds must be expended to benefit persons at 80% Area Median Income (AMI) or below

Programs to help existing and new homeowners
• Homeowner Assistance
• New Single-Family Development
• Homebuyer Assistance
• Housing Buyout

Programs to help renters
• Multifamily Rental
• Small Rental

Programs that provide supportive services to those affected by Harvey and address homelessness
• Public services: housing, counseling, transportation, legal, employment, etc.
• Homelessness: permanent supportive housing, rapid rehousing, etc.

Programs to expand employment
• Economic revitalization – credit and technical assistance to businesses
Headlines

• 347 city assets have been inspected for FEMA-funded rebuilds; 13% moving through planning phase; 2% in construction phase
• 23 emergency public assistance projects totaling $439m are in work
• Up to 14 Hazard Mitigation Grant Program (HMGP) applications totaling $703m to be submitted against state’s $1.1b in available funds
• $5b in unfunded street/drainage projects being evaluated and prioritized for additional CDBG-DR and other potential mitigation funds
• Chapter 19 floodplain ordinance revised
• Strengthened design standard and building code recommendations developed
# City Asset Repairs/Rebuilds: Examples

<table>
<thead>
<tr>
<th>Public Facilities</th>
<th>Infrastructure</th>
<th>Resilience</th>
</tr>
</thead>
<tbody>
<tr>
<td>Municipal Court Complex</td>
<td>69th St. Wastewater Plant</td>
<td>Inwood Golf Course</td>
</tr>
<tr>
<td>Wortham Center</td>
<td>Kingwood Central Wastewater</td>
<td>North Canal</td>
</tr>
<tr>
<td>Central Police Station</td>
<td>Forest Cove Wastewater Plant</td>
<td>Lake Houston Dam</td>
</tr>
<tr>
<td>Fire Station 104</td>
<td>Kingwood West Wastewater</td>
<td>Fifth Ward Urban Drainage</td>
</tr>
<tr>
<td>City Hall Annex</td>
<td>Sims Bayou-North Wastewater</td>
<td>West Fork Dredging</td>
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Hazard Mitigation Grant Program (HMGP)

- Program funded by FEMA & managed by the Texas Division of Emergency Management (TDEM)

- 15 Notices of Intent (NOIs) submitted
  - 3 Residential mitigation strategies – buyouts, elevations, and demo/rebuild
  - 12 infrastructure projects
  - 13 of the 15 have been approved by TDEM for application; one was rejected; one still pending

- Challenges:
  - COH proposed projects total $703m, versus total of $1.1b available for state
  - 25% match is required
  - We need to plan for alternative funding source
<table>
<thead>
<tr>
<th>Project Name</th>
<th>District</th>
<th>Description</th>
<th>Cost</th>
<th>Application Submission</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inwood Golf Course</td>
<td>A, C, &amp; B</td>
<td>COH purchased 227-acre golf course for $9.3M and spent $2.5M building first two detention basins. HCFCD will invest $34 million to design and develop remaining basins. Basins in total will provide 1,300 acre-feet of storage.</td>
<td>$ 35,000,000</td>
<td>5/31/2018</td>
</tr>
<tr>
<td>North Canal</td>
<td>C, H, &amp; I</td>
<td>Construction of a high-flow diversion channel between White Oak and Buffalo Bayou, near their confluence in downtown Houston. Project will provide flood damage reduction benefits along White Oak and downtown. Includes utility relocations and bridge improvements (Heights and Yale)</td>
<td>$ 50,000,000</td>
<td>6/30/2018</td>
</tr>
<tr>
<td>Lake Houston Dam</td>
<td>E</td>
<td>Need 10- gate structure to supplement existing gates</td>
<td>$ 50,000,000</td>
<td>6/30/2018</td>
</tr>
<tr>
<td>Residential programs</td>
<td>All</td>
<td>Buyouts, Elevations, Demo/Rebuilds</td>
<td>$ 185,000,000</td>
<td>5/31/2018 - 6/30/2018</td>
</tr>
<tr>
<td>Buffalo Bayou Subregional Detention</td>
<td>G</td>
<td>Detention basin to mitigate improvements in Memorial City (TIRZ 17) area. Old Farm Road potential site.</td>
<td>$ 30,000,000</td>
<td>5/31/2018</td>
</tr>
<tr>
<td>Country Creek/Westwood Detention</td>
<td>J</td>
<td>Tirz purchased land for a basin that will also incorporate detention features in the Westwood golf course.</td>
<td>$ 10,000,000</td>
<td>6/30/2018</td>
</tr>
</tbody>
</table>
Clarity on funding to date

$55 million from State
- $5m advance on DAHLR program (to be repaid to GLO)
- $15m for deductibles
- $10m premium for replacement insurance
- $6m local debris removal share
  ($36m total spent to date)

$163 million from FEMA
- $58.9m for storm debris removal
- $36m for overtime emergency protective measures
  ($94.9m total spent to date)

$100 million from insurance
- Pending FEMA approval of apportionment/allocation methodologies
Design Standards

- Revisions to Infrastructure Design Manual (IDM) and building codes
  - Incorporate the recommendations from Redevelopment and Drainage Task Force
  - Task Force membership: residents; City and County officials; members of engineering, development, real estate, and green communities
  - Addressing three redevelopment issues: detention; fill; encroachment in the City right-of-way

- Next Steps:
  - Presentation to TTI Committee 5/29
  - 60-day public comment period
  - Elevation recommendation outside the floodplain: analysis ongoing
Regional Flood-Mitigation Action Plan

- Regional flood mitigation blueprint
- Prioritized & timely
- Links large-scale projects to neighborhood drainage projects
- Backed up by long-term funding strategy
Key Council dates

5/29/2018
Revisions to Design Standards presented to TTI

6/27/2018
Housing Action Plan for City Council Consideration

8/22/2018
Construction case management contract for City Council Consideration

8/29/2018
Design Standards changes for City Council Consideration

7/18/2018
Housing case management contract for City Council Consideration

9/1/2018
Design Standards + Floodplain Management Revisions go into effect
BUILDING A POST-HARVEY LEGACY

QUESTIONS?