



Harvey Recovery Status

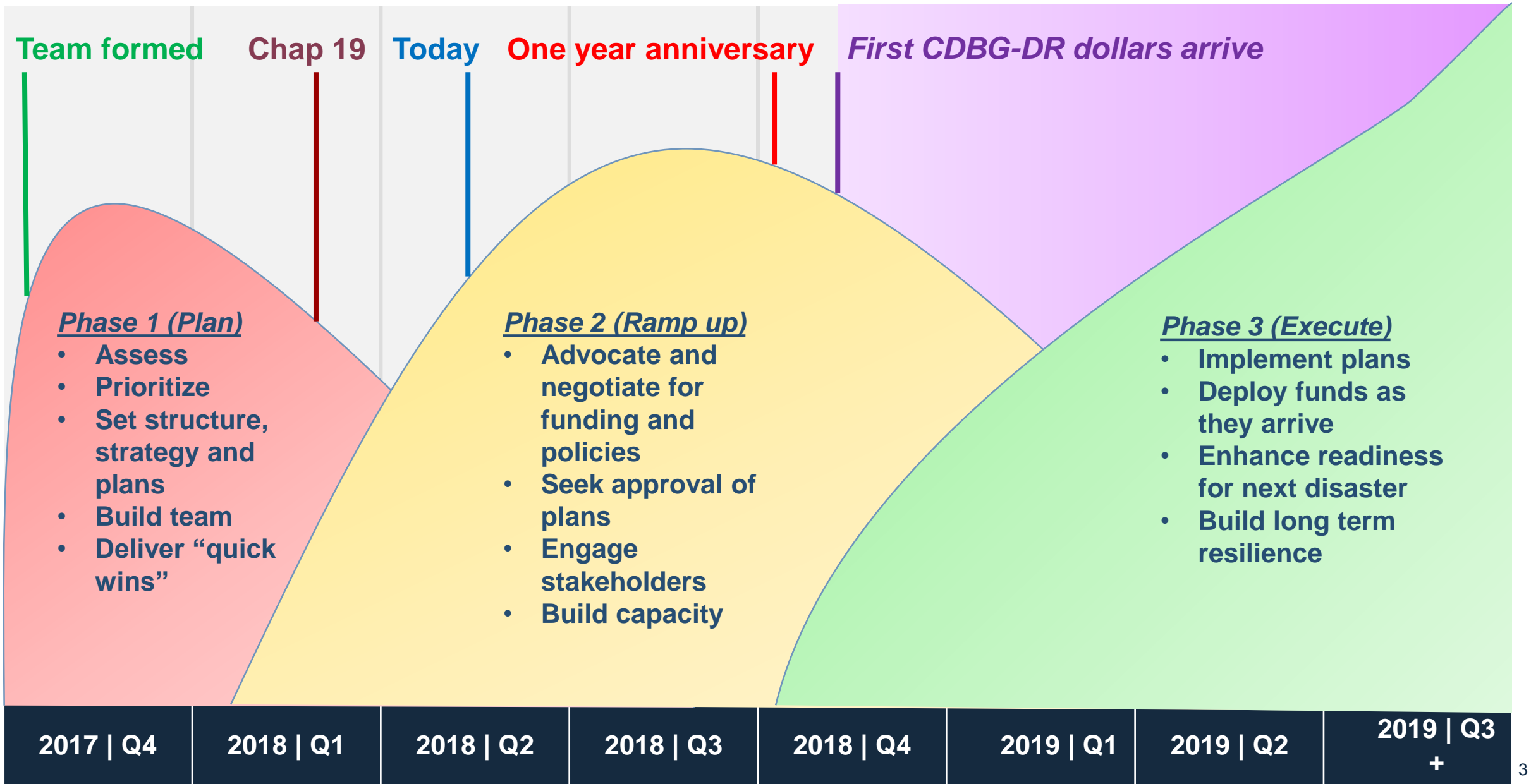
MARVIN ODUM, CHIEF RECOVERY OFFICER
Budget and Fiscal Affairs Committee, City Council
May 29, 2018

MISSION

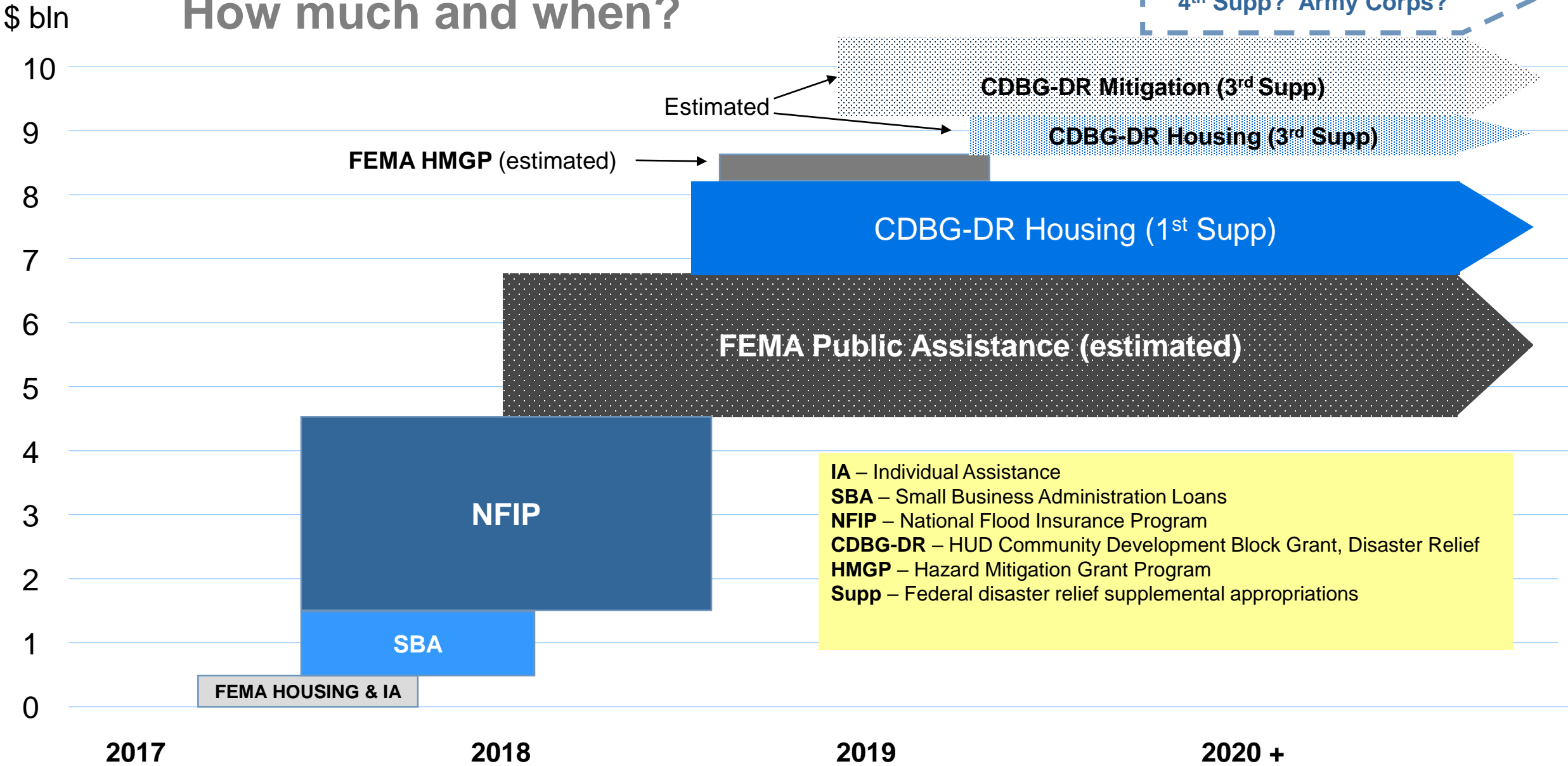
Secure and deploy resources to:

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

Recovery Phasing



Federal Harvey relief funding: How much and when?



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



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



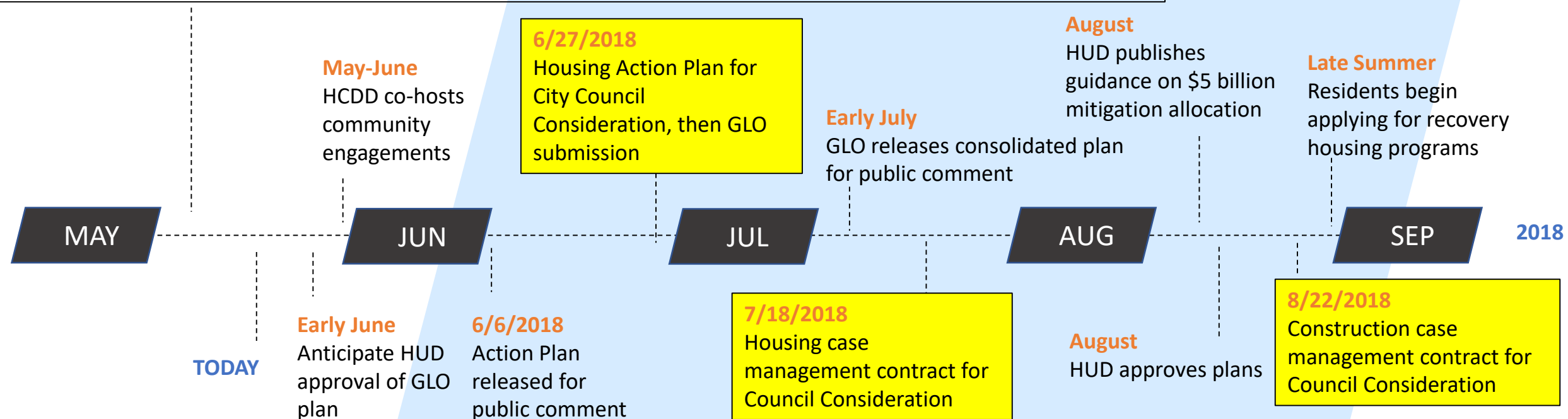
Housing Recovery: Ramping up for arrival of funds

TRANSFORM HOUSING



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





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

Public Facilities	Infrastructure	Resilience
Municipal Court Complex	69 th St. Wastewater Plant	Inwood Golf Course
Wortham Center	Kingwood Central Wastewater	North Canal
Central Police Station	Forest Cove Wastewater Plant	Lake Houston Dam
Fire Station 104	Kingwood West Wastewater	Fifth Ward Urban Drainage
City Hall Annex	Sims Bayou-North Wastewater	West Fork Dredging



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

Hazard Mitigation Grant Program (HMGP) Priority Projects

Project Name	District	Description	Cost	Application Submission
Inwood Golf Course	A, C, & B	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.	\$ 35,000,000	5/31/2018
North Canal	C, H, & I	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)	\$ 50,000,000	6/30/2018
Lake Houston Dam	E	Need 10- gate structure to supplement existing gates	\$ 50,000,000	6/30/2018
Residential programs	All	Buyouts, Elevations, Demo/Rebuilds	\$ 185,000,000	5/31/2018 - 6/30/2018
Buffalo Bayou Subregional Detention	G	Detention basin to mitigate improvements in Memorial City (TIRZ 17) area. Old Farm Road potential site.	\$ 30,000,000	5/31/2018
Country Creek/Westwood Detention	J	Tirz purchased land for a basin that will also incorporate detention features in the Westwood golf course.	\$ 10,000,000	6/30/2018



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

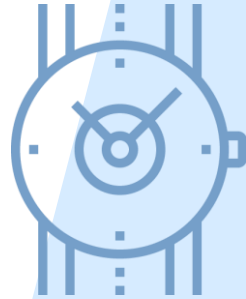
- Revisions to Infrastructure Design Manual (IDM) and building codes
 - Incorporate the recommendations from Redevelopment and Drainage Task Force
 - Task Force membership: residents; City and County officials; members of engineering, development, real estate, and green communities
 - Addressing three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

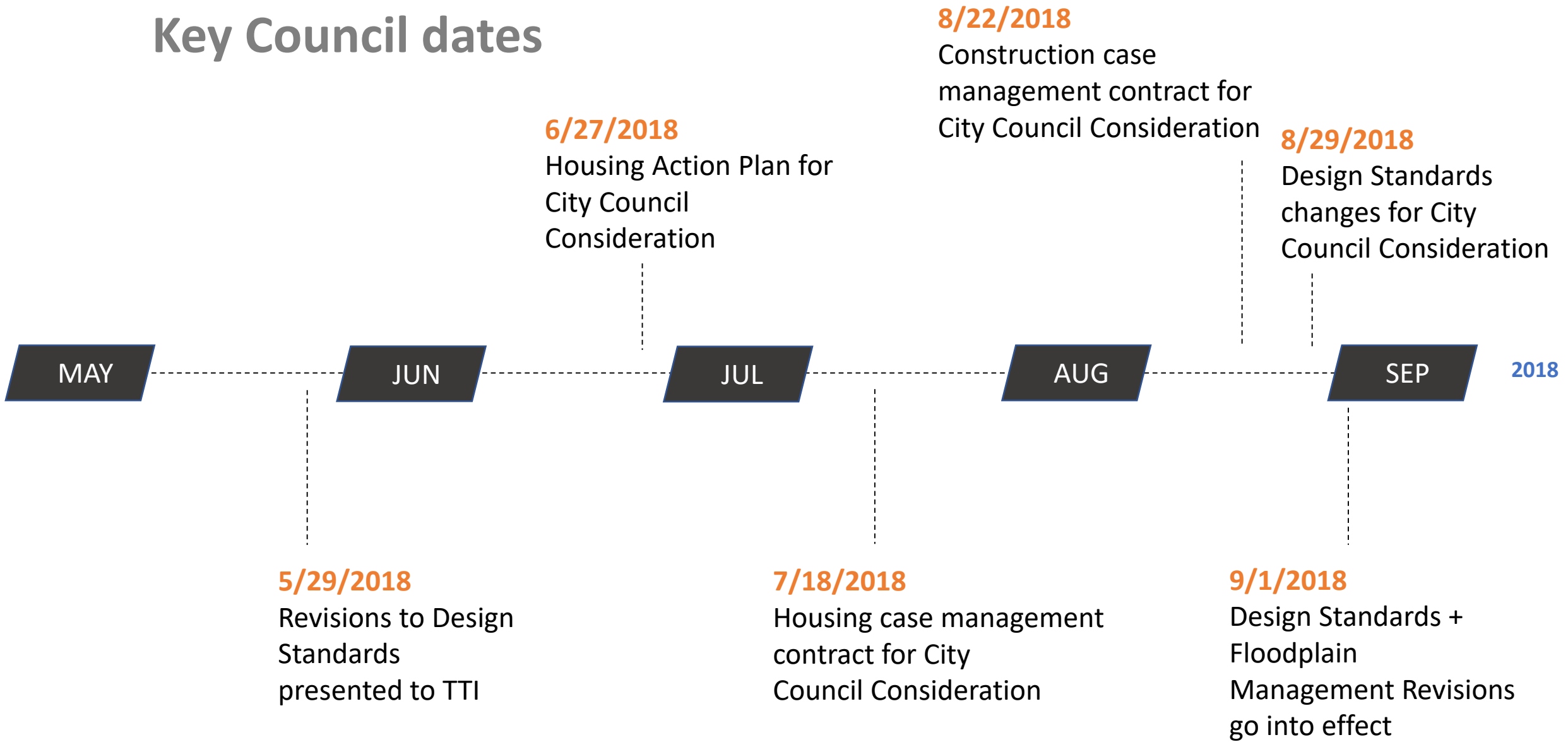


links
large-scale
projects to
neighborhood
drainage projects



backed up by
long-term
funding
strategy

Key Council dates





BUILDING A POST-HARVEY LEGACY

QUESTIONS?