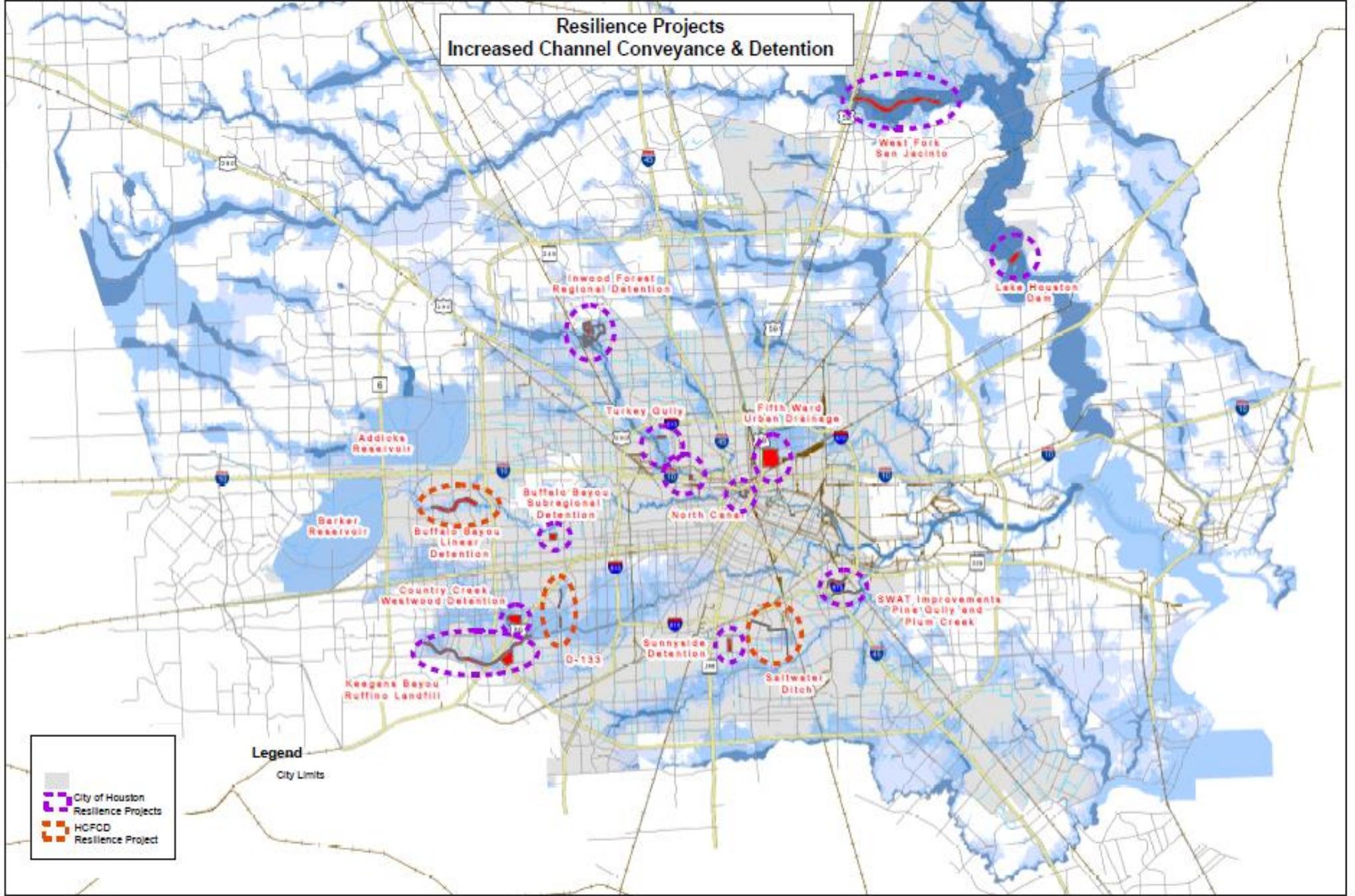


Resilience Projects Increased Channel Conveyance & Detention



Legend

- City Limits
- City of Houston Resilience Projects
- HCFOD Resilience Project

City of Houston Resilience Projects

Chief Resilience Officer

May 2018 Update

Tier 1 Projects				
Project/Program	District	Description	Status	Cost Estimate
Individual Home Mitigation	All	Buyouts, elevations, and demo/rebuilds	Following NOI submittal, pursuing application for HMGP funding, to be submitted May 31st.	\$ 185,000,000
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)	Following NOI submittal, pursuing application for HMGP funding.	\$ 50,000,000
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 1300 acre-feet of storage.	Following NOI submittal, pursuing application for HMGP funding. Application will be used as a guide for future project submittals.	\$ 35,000,000
Buffalo Bayou Subregional Detention	G	Detention basin to mitigate improvements in Memorial City (TIRZ 17) area. Old Farm Road potential site	Following approval of NOI submittal, pursuing application for HMGP.	\$ 30,000,000
Country Creek/Westwood Detention	J	Tirz purchased land for a basin that will also incorporate detention features in the Westwood golf course	Following approval of NOI submittal, pursuing application for HMGP.	\$ 10,000,000

Tier 2 Projects				
Project/Program	District	Description	Status	Cost Estimate
Lake Houston Dam	E	Need 10- gate structure to supplement existing gates	Following approval of NOI submittal, pursuing application for HMGP.	\$ 50,000,000
Sunnyside Detention/Bellfort Landfill	D	Flood detention on the east side of the former Sunnyside incinerator/landfill site	Following approval of NOI submittal, pursuing application for HMGP.	\$ 5,000,000
Fifth Ward Urban Drainage	B	Neighborhood revitalization including reconstruction of streets and utilities	Following approval of NOI submittal, pursuing application for HMGP.	\$ 20,000,000

Tier 3 Projects				
Project/Program	District	Description	Status	Cost Estimate
Turkey Gully (E106)	C,H, & I	Diversion of urban drainage from Turkey Gully to White Oak Bayou including mitigating detention	Following approval of NOI submittal, pursuing application for HMGP.	\$ 30,000,000
Keegans Bayou Channel Improvement	C,F, J, & K	Improvement options aimed at removing hundreds of structures from 100-year floodplain	Following approval of NOI submittal, pursuing application for HMGP.	\$ 50,000,000
Ruffino Landfill Detention	C,F, J, & K	Reclaim 175-acre landfill site and prepare for use as flood detention for Keegans and Brays watershed. Will provide 2,400 acre-feet of flood mitigation storage	Following approval of NOI submittal, pursuing application for HMGP.	\$ 198,000,000
West Fork Dredging	E	Removal of sand/silt from U.S 59 to Lake Houston	NOI approval pending.	\$ 40,000,000

Not Selected for 404 HMGP Funding

Project/Program	District	Description	Status	Cost Estimate
SWAT Improvements (Pine Gully and Plum Creek)	I	Replace collapsed outfalls, regrade, and desilt ditches, minor erosion repairs and reconstruction of low flow channel	Project declined for HMGP application submission	\$ 20,000,000

Total	\$ 723,000,000
--------------	-----------------------

