

# Hurricane Harvey Recovery

## FEMA Public Assistance – Infrastructure Briefing



February 14, 2018



City of Houston



City of Houston

# Key Metrics

## Initial Project List Submitted

**\$2.4B** submitted –  
FEMA Public Assistance

**\$77M** submitted –  
FHWA- Emergency Relief

## By the numbers...

**26** Departments engaged

**227** Site inspections  
completed on city facilities

**5,057** repair items identified

**15,214** photos collected



# Mitigation focused process resulting in “building forward”



City of Houston

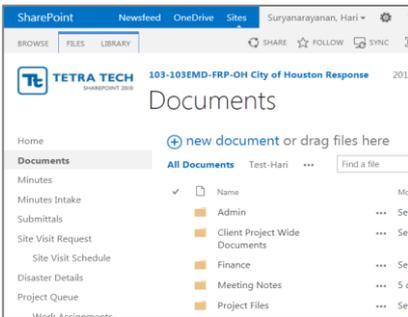


# Data completeness and integrity to maximize reimbursement

## Data Collection



Electronic Field Data Collection (Tablets)

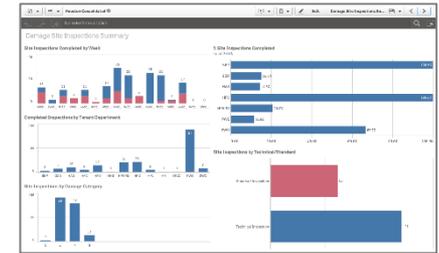


Digitized/Electronic Lists & Documents

## Data Ingestion and Reconciliation



## Analysis and Reporting



Real-Time Status Reporting

Quantity	Unit/Package	Unit Price	Description	Cost	Family DEP	Fac	Total DEP	Est. Type	Estimate
1	1000000000		DWI Testing Room						
1	1000000000		East Stairwell - Assume 003						

FEMA Submissions

# Hazard Mitigation Funding

- Flood Mitigation Assistance (FMA)
  - Annual call for projects
  - Nationally competitive
  - 0% to 25% cost share
  
- Hazard Mitigation Grant Program (HMGP)
  - Call for projects occurs after a Presidential Disaster Declaration
  - Storm event specific
  - 25% cost share

# Hazard Mitigation Strategies

- Home Elevation
  - Existing home is lifted to the minimum flood protection elevation and a new foundation is built under the existing home.
- Mitigation Reconstruction (Demo/Rebuild)
  - Existing home is demolished and a new compliant home is built on the same lot. Projects are capped at \$150,000.
- Acquisitions (Buyout)
  - Existing home is demolished. The lot can only be used for storm water management and recreational green space.

# Guiding Principles for Buyouts

- Single-family homes deep in the floodplain
- Identified “public good” as end use for property
  - Future recreational or green space
  - Floodplain preservation
  - Stormwater management

## Next Steps

- Community Engagement
- Solicit expressions of voluntary interest: Form available at [HoustonRecovers.org](http://HoustonRecovers.org)