

# ACTION PLAN FOR DISASTER RECOVERY 2015 FLOOD EVENTS

City of Houston  
*Sylvester Turner, Mayor*

Housing and Community Development Department  
*Tom McCasland, Interim Director*



Housing and Community Affairs Committee Meeting August 23, 2016

# 2015 Memorial Day Storm – May 31, 2015

## Brutal storm system ravages Houston



Photo by Matt Aufdenspring/KPRC2

Memorial Day Storm Housing and Infrastructure Impact  
**\$518,155,041.16\***

\* Source: Federal Emergency Management Agency and National Flood Insurance Program

# 2015 Halloween Storm – October 31, 2015

## More substantial damage to Houston's built environment



Halloween Storm Housing and Infrastructure Impact  
**\$27,735,858.42\***

\* Source: Federal Emergency Management Agency and National Flood Insurance Program

# Housing and Infrastructure Impact from Both Floods



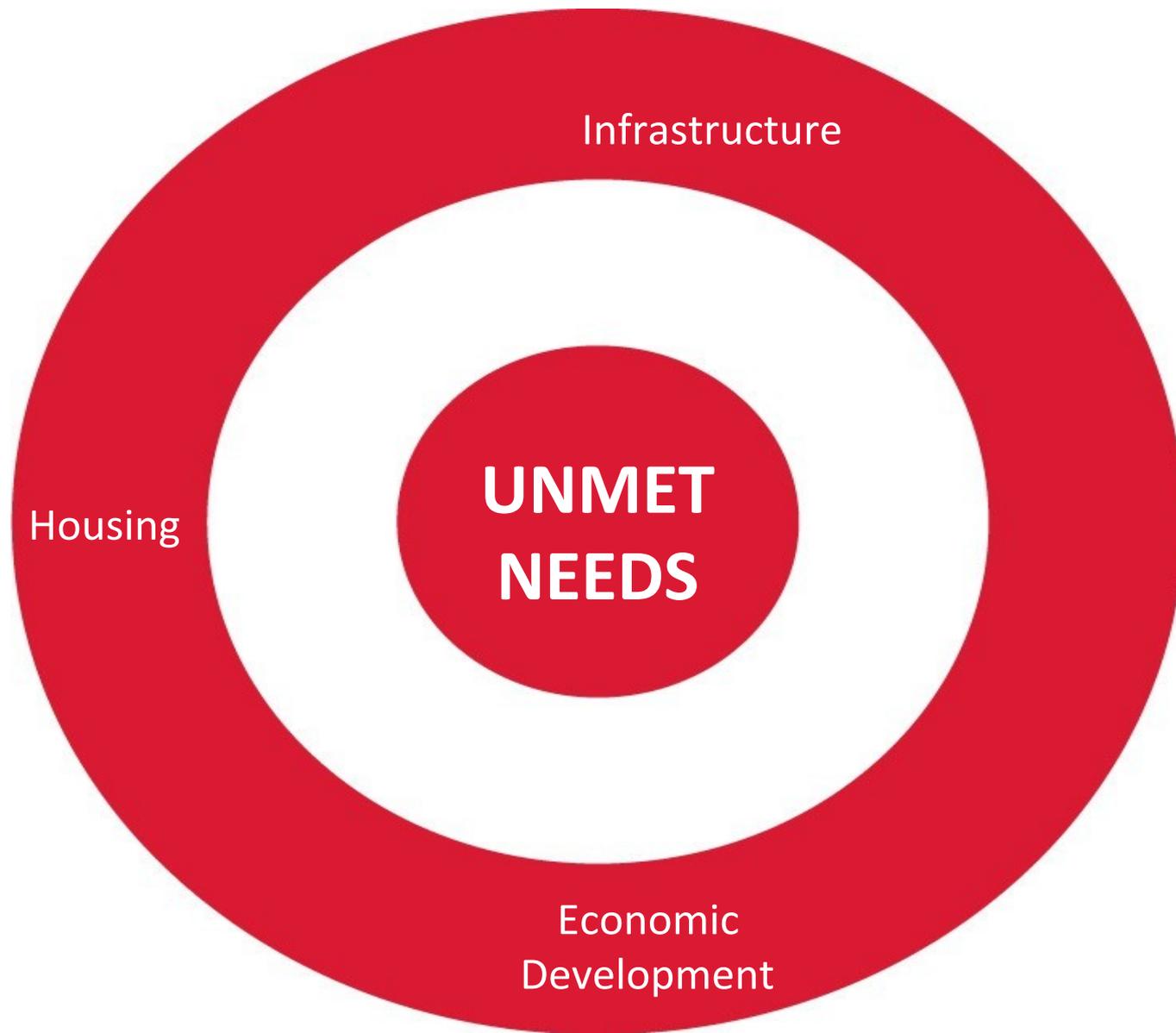
\$545,890,899.58

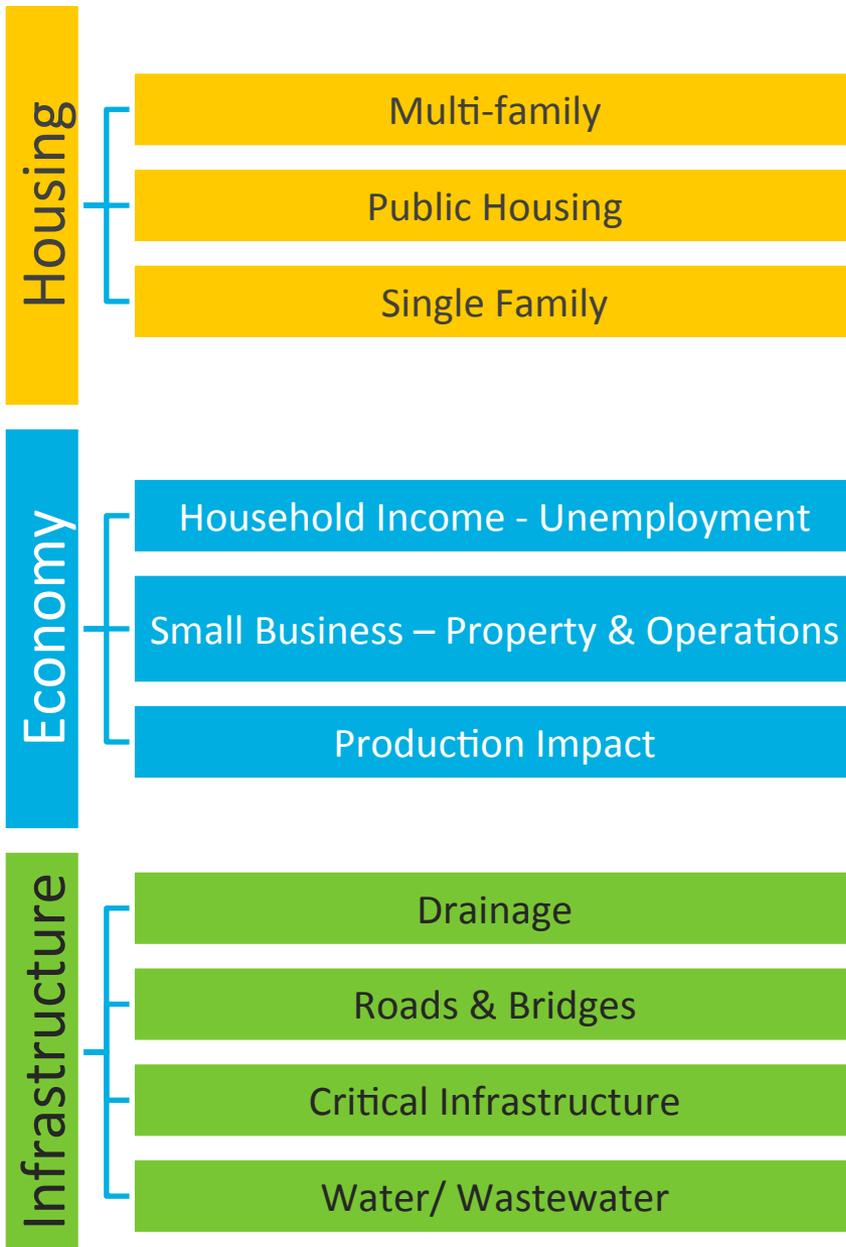
\* Source: Federal Emergency Management Agency and National Flood Insurance Program

# HUD's Allocation of \$142 Million

Houston		\$66,560,000
San Marcos		\$25,080,000
State of Texas		<u>\$50,696,000</u>
<b>Total</b>		<b>\$142,336,000</b>

# Potential Uses of Funding

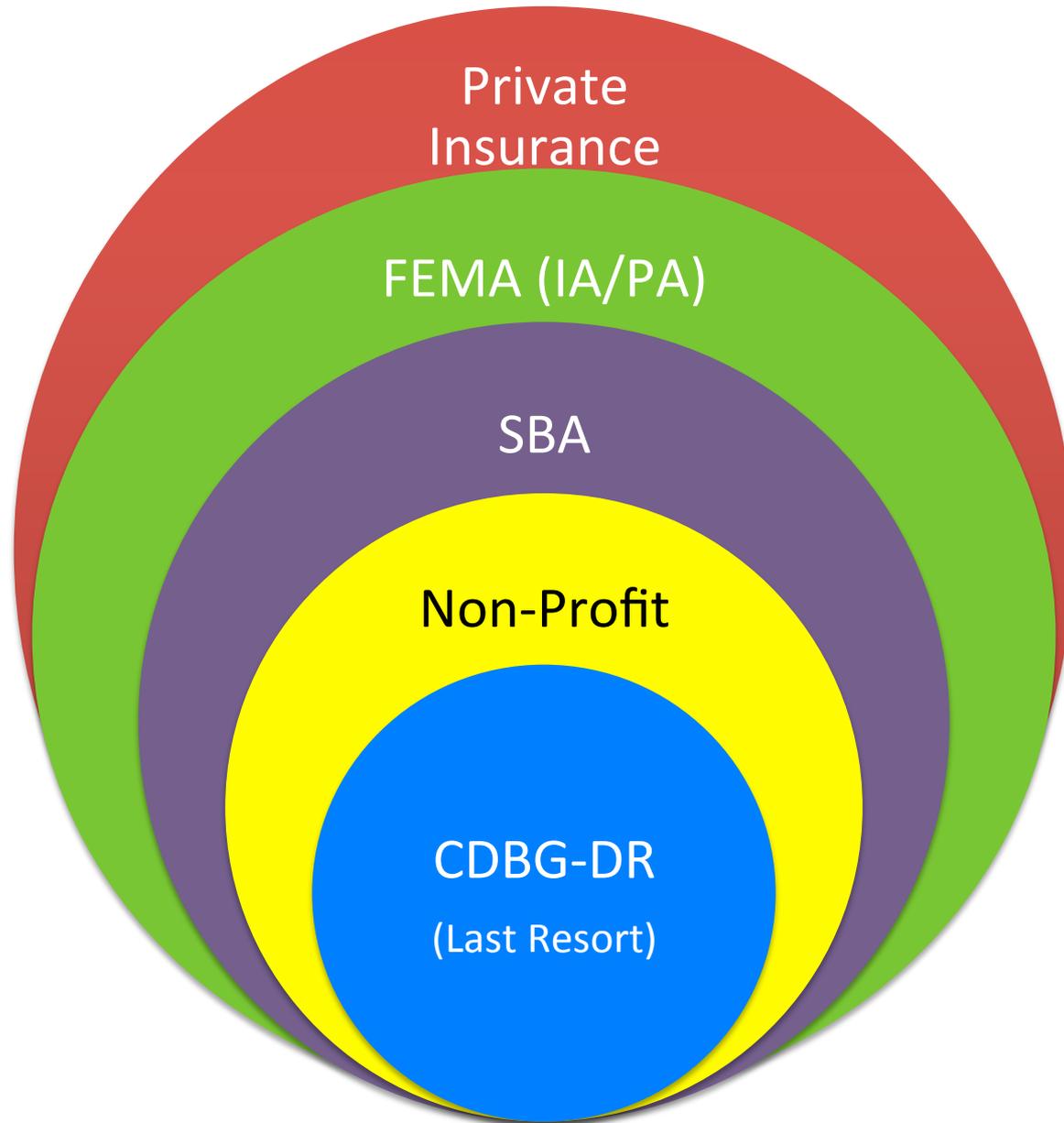


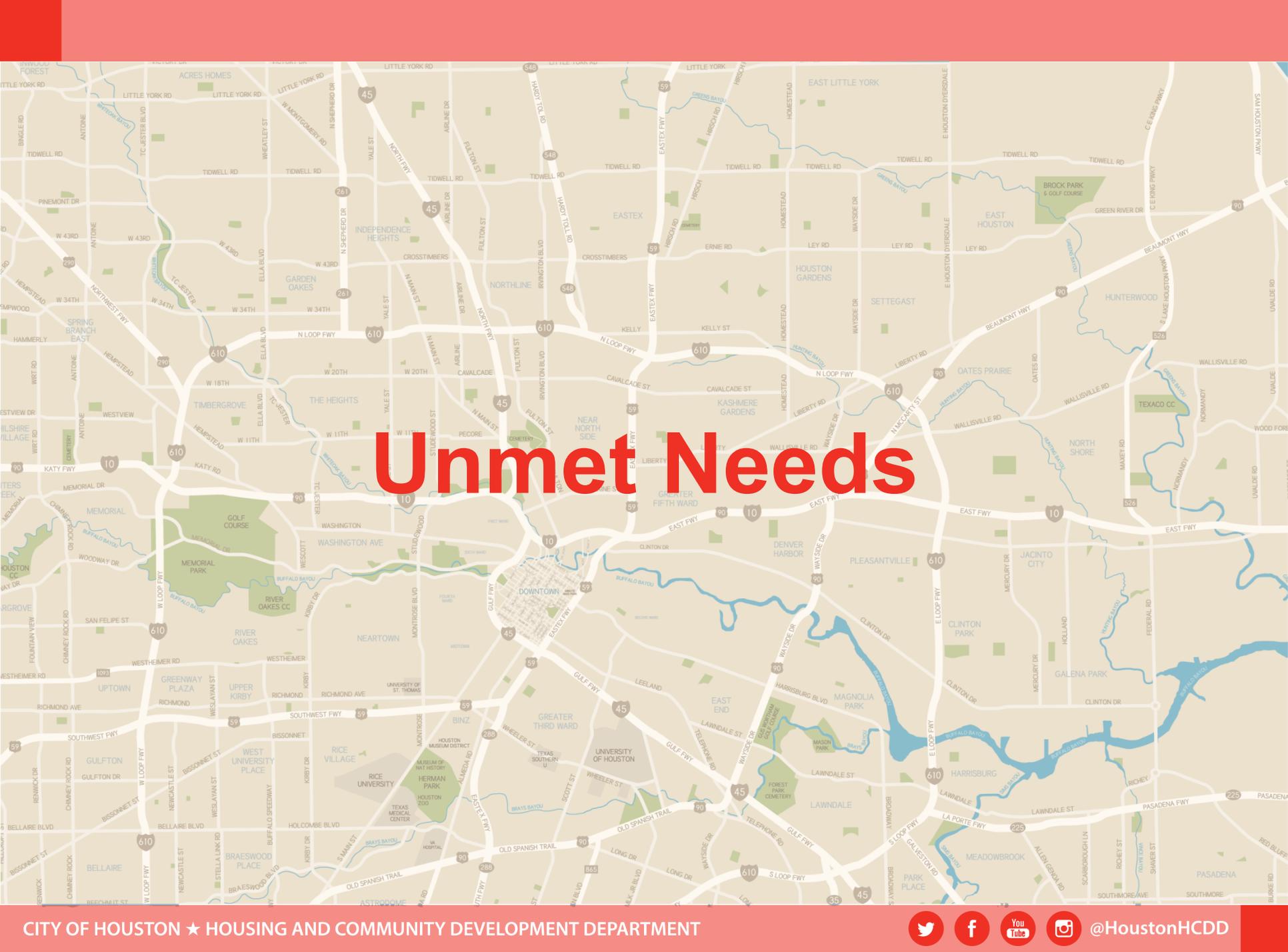


Each sector is assessed for impact and funds made available through:

- Private Insurance
- FEMA
- Small Business Association (SBA)
- Other City or State sources
- Non-Profits

# Funding Hierarchy





# Unmet Needs

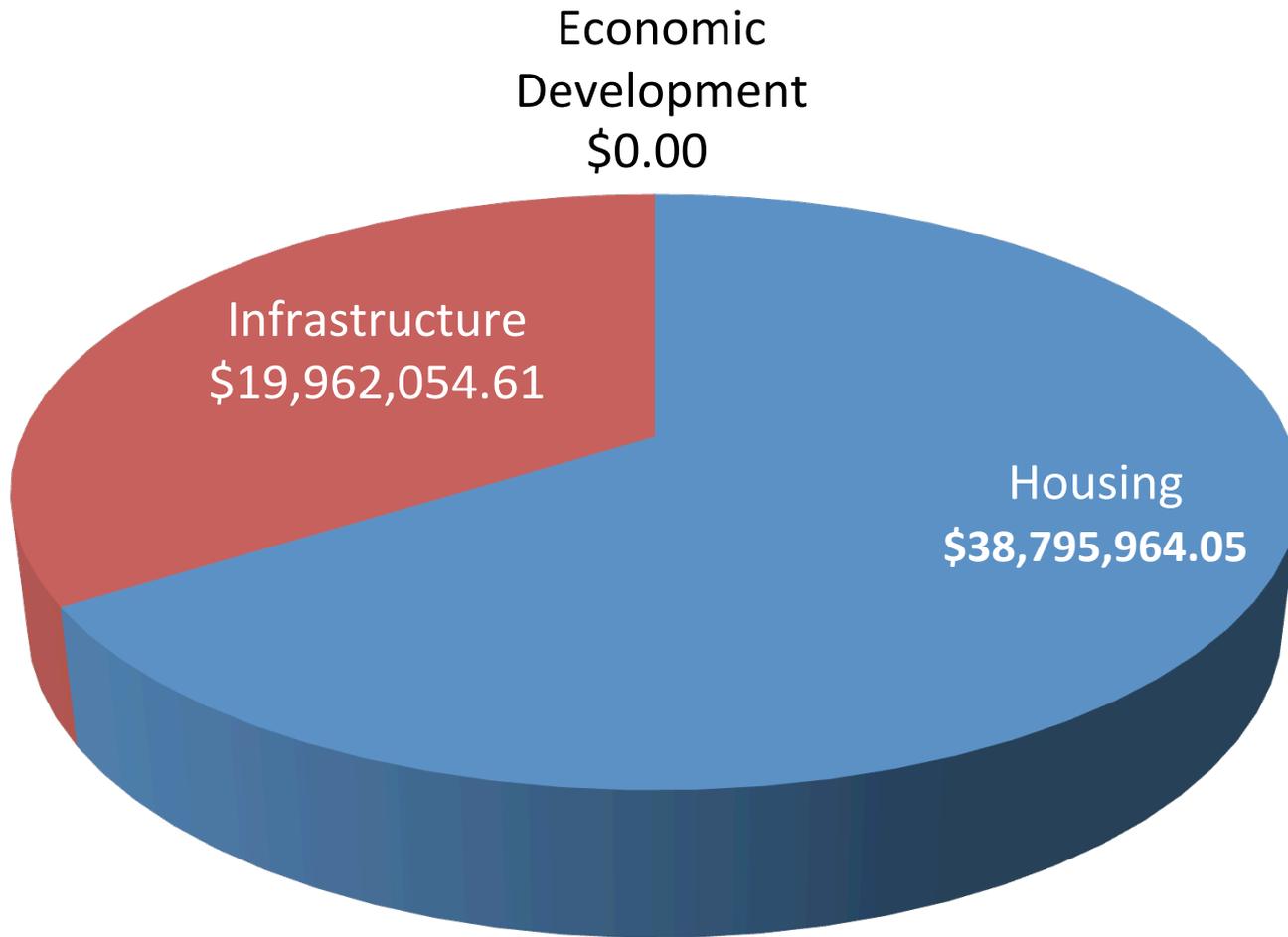
# Assessing Unmet Need

- Not a perfect science – based on best available data
- Is required by HUD as part of the Action Plan
- Guides the City through a discovery process to inform program design

# Houston's Unmet Needs Assessment

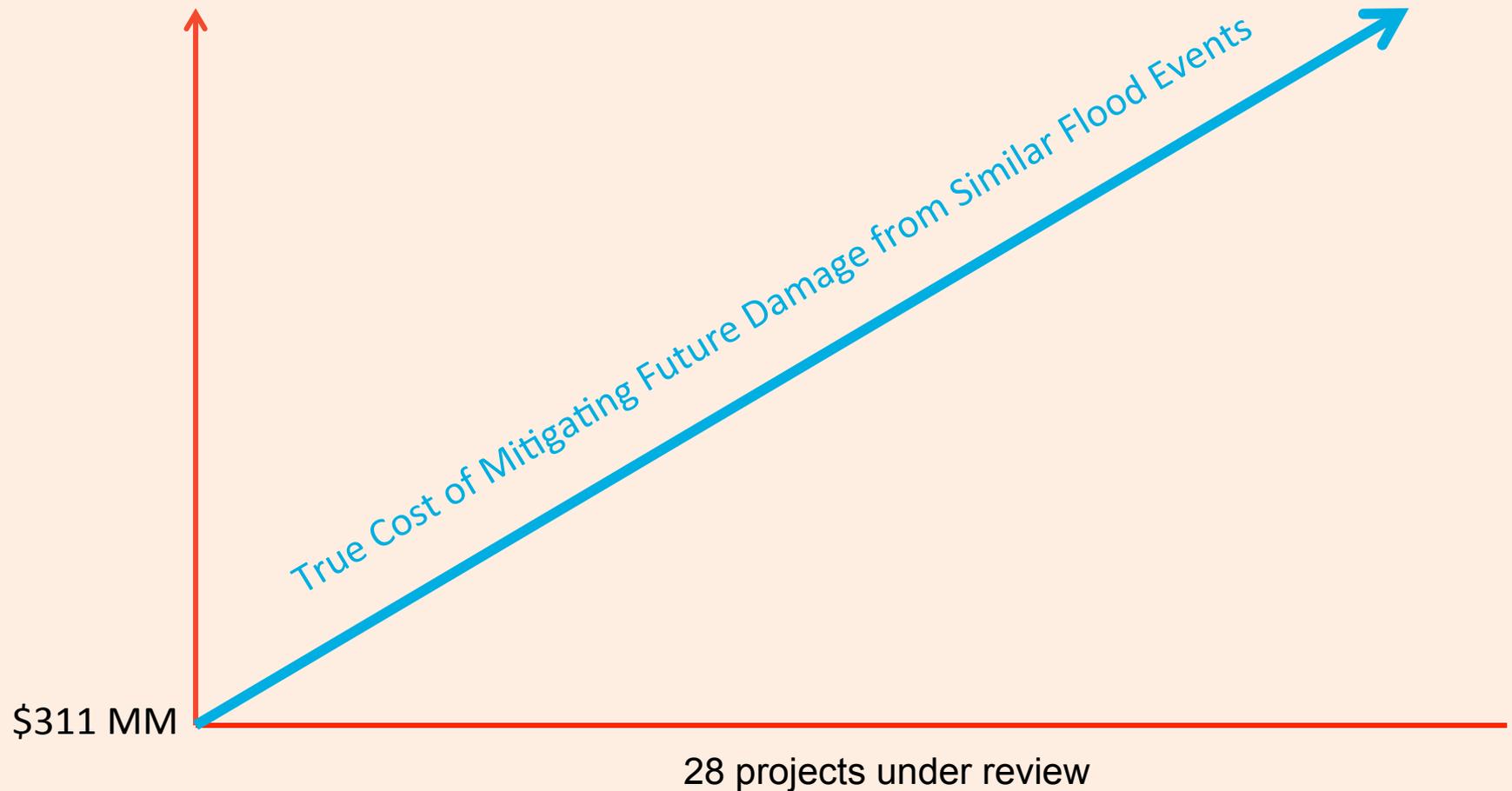
Amount of disaster-related impact  
- Assistance received to address impact  
**Unmet need remaining from disasters**

# Summary of Unmet Need by Category



**Unmet Needs**

# What We Don't Know



# Unmet Housing Needs Details

Housing	
<b>Impact</b>	
FEMA <sup>*</sup> Estimate	\$ 174,454,055.26
NFIP <sup>**</sup> Claims	\$ 350,235,017.91
Total Housing Impact	\$ 524,689,073.17
<b>Funds Made Available</b>	
FEMA Assistance & SBA <sup>***</sup> Loans	\$ 135,658,091.21
NFIP Claims	\$ 350,235,017.91
Total Housing Funds Made Av.	\$ 485,893,109.12
<b>Housing Unmet Need</b>	\$ 38,795,964.05

\*FEMA: Federal Emergency Management Agency

\*\*NFIP: National Flood Insurance Program

\*\*\*Small Business Association

# Unmet Infrastructure Needs Details

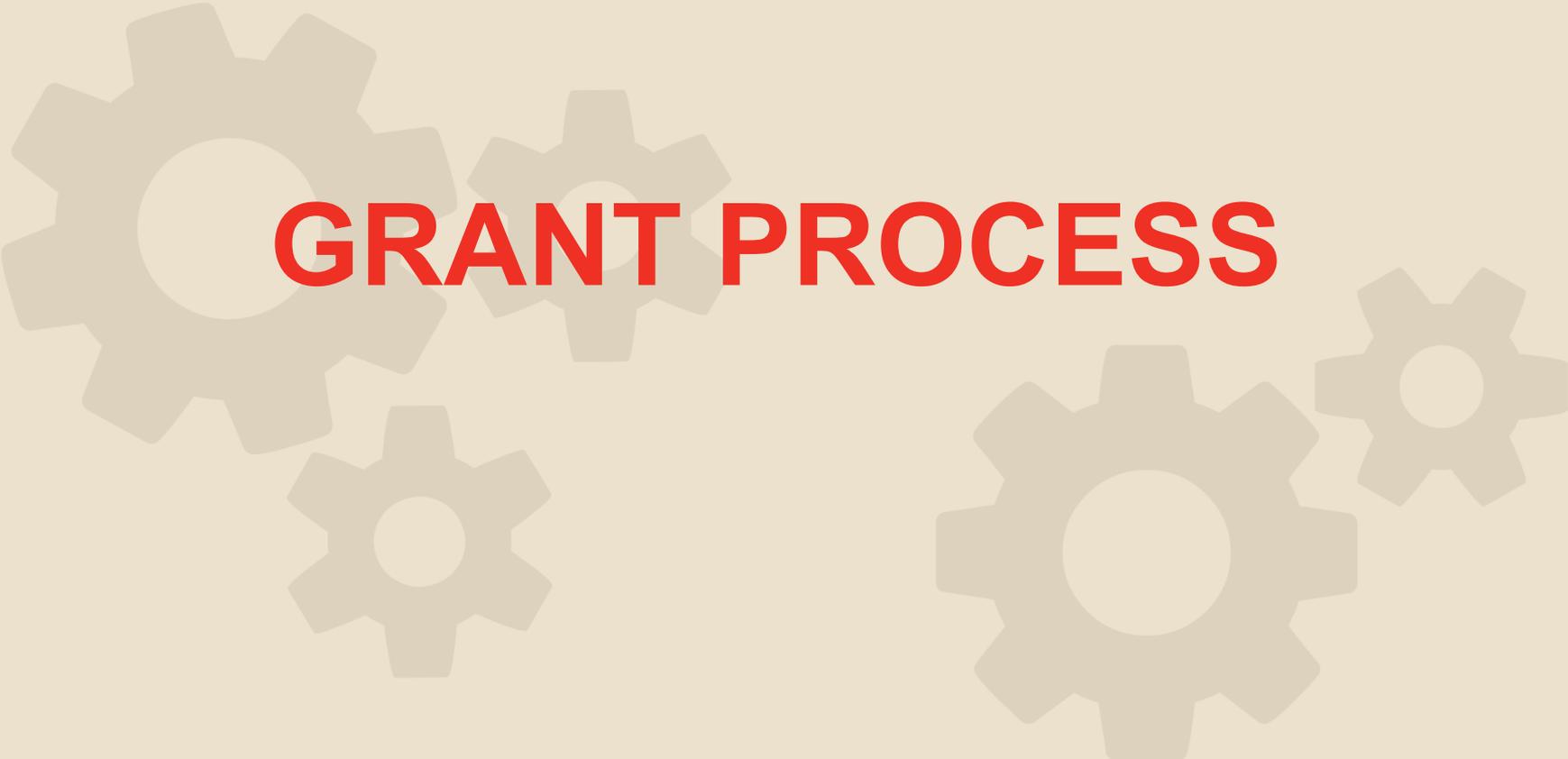
Infrastructure	
<b>Impact</b>	
FEMA PA*Claims	\$ 21,201,826.41
Total Infrastructure Impact	\$ 21,201,826.41
<b>Funds Made Available</b>	
FEMA PA Paid	\$ 1,239,771.80
Total Infrastructure Funds Made Av.	\$ 1,239,771.80
<b>Infrastructure Unmet Need</b>	\$ 19,962,054.61

\*FEMA PA : Federal Emergency Management Agency Public Assistance

# Unmet Economic Needs Details

<b>Economic Development</b>	
<b>Impact</b>	
SBA* Business Claims	\$4,022,000.00
<b>Total Economic Impact</b>	<b>\$4,022,000.00</b>
<b>Funds Made Available</b>	
SBA* Business Claims	\$ 4,022,000.00
<b>Total Economic Funds Made Av.</b>	<b>\$ 4,022,000.00</b>
<b>Infrastructure Unmet Need</b>	<b>\$0.00</b>

\*Small Business Association



# GRANT PROCESS

# CDBG - Disaster Recovery for 2015 Flood Events

## Use of Funds

- Disaster relief
- Long-term recovery
- Restoration of infrastructure and housing
- Economic revitalization

# CDBG-DR15 Grant Process

Regulations Published (FR-5938-N-01)

June 17, 2016



Risk Analysis Sent to HUD

July 22, 2016



Public Comment Period for Draft Action Plan for Disaster Recovery

August 9-23, 2016



Action Plan Presented to City Council

September 7, 2016



Public Hearing to Review Plan Presented to Council

Tentatively September 8, 2016 – Location TBD



Action Plan Due to HUD

September 19, 2016

# Location of Documents

The screenshot shows the City of Houston website. The header includes the City of Houston logo and navigation links: Home, I Want To, Govt, Residents, Business, Departments, Visitors, and Espanol. The main banner features a city skyline with the text "Welcome to the City of Houston Government Center". Below the banner, the breadcrumb trail reads: Home > Housing and Community Development Department > 2015 Memorial Day Disaster Recovery. The page content is organized into sections: "HOUSING AND COMMUNITY DEVELOPMENT DEPARTMENT", "2015 Flood Events Disaster Recovery", "2015 Flood Recovery Action Plans and Related Documents", "2015 Flood Recovery Citizen Participation Opportunities", and contact information. On the right side, there are two vertical menus: "KEY HCDD SERVICES" and "HOUSING DEPT. LINKS".

**HOUSING AND COMMUNITY DEVELOPMENT DEPARTMENT**

2015 Flood Events Disaster Recovery

During Memorial Day weekend and Halloween weekend, 2015, Houston experienced severe flooding from storms that impacted multiple Texas counties. On May 29, 2015 and on November 25, 2015, President Barack Obama declared a major disaster existed in those counties. These disasters, referenced by FEMA as the Texas Severe Storms, Tornadoes, Straight-line Winds and Flooding (DR-4223 and DR-4245), paved the way for federal assistance to the impacted areas.

On February 29, 2016, HUD announced the award of \$66.56 million to the City of Houston to address unmet housing, infrastructure and business needs in the areas recovering from the 2015 floods. HUD provides flexible grants to help cities, counties and states recover from presidentially declared disasters, especially in low-income areas, subject to availability of supplemental appropriations.

**2015 Flood Recovery Action Plans and Related Documents**

- Needs Assessment Draft (coming soon)
- Action Plan Draft

**2015 Flood Recovery Citizen Participation Opportunities**

To ask a question, submit a comment, or request a translation of a document, please contact 832.394.6200 or [2015FloodEvents@houstontx.gov](mailto:2015FloodEvents@houstontx.gov)

Para hacer una pregunta, enviar un comentario, o solicitar una traducción de un documento, por favor póngase en contacto al

**KEY HCDD SERVICES**

- Housing Dept. Home Page
- Disaster Recovery - Hurricane Ike
- Disaster Recovery - 2015 Flood Events**
- Home Repair Programs
- Homebuyer Assistance Program
- Homelessness
- HOPWA
- Multifamily Housing Communities
- Public Facilities
- Public Services

**HOUSING DEPT. LINKS**

- Housing Dept. Home Page
- About the Director
- Communications / Press Releases

- Action Plan
- Needs Assessment
- Public Hearing Presentation
- Comments & Responses
- Other Related Documents

[HoustonTX.gov/housing/2015\\_Flood\\_Events\\_Recovery](http://HoustonTX.gov/housing/2015_Flood_Events_Recovery)

# CDBG-DR15 Threshold Funding Requirements

## Benefit

- Minimum of 70% of funding must benefit low- and moderate-income persons

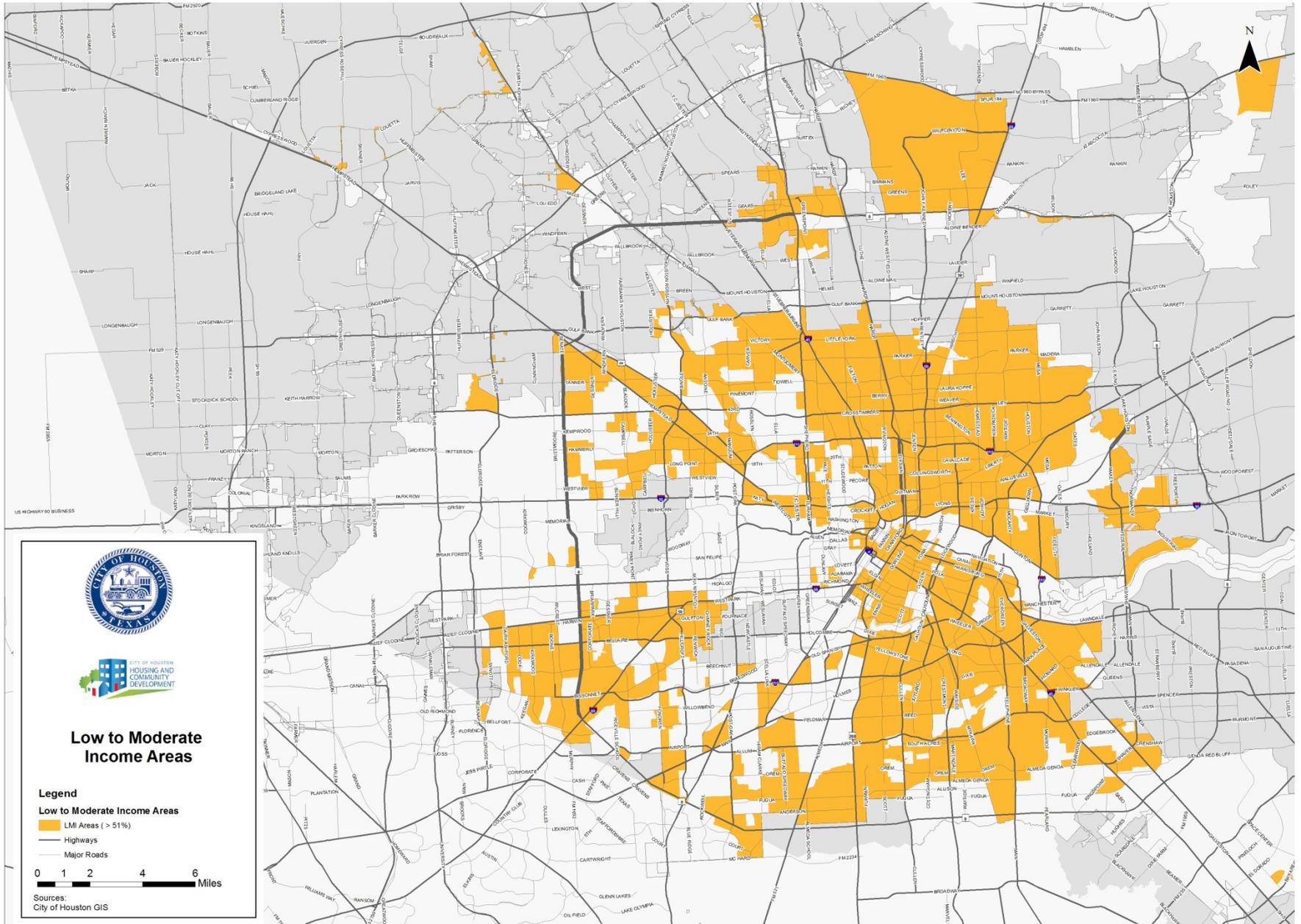
## Categories

- Housing
- Infrastructure
- Economic development

## Expenditure

- Must spend 100% of allocation within 6 years

# Houston Low- to Moderate-Income Areas



## Low to Moderate Income Areas

### Legend

#### Low to Moderate Income Areas

Orange shaded area: LMI Areas (> 51%)

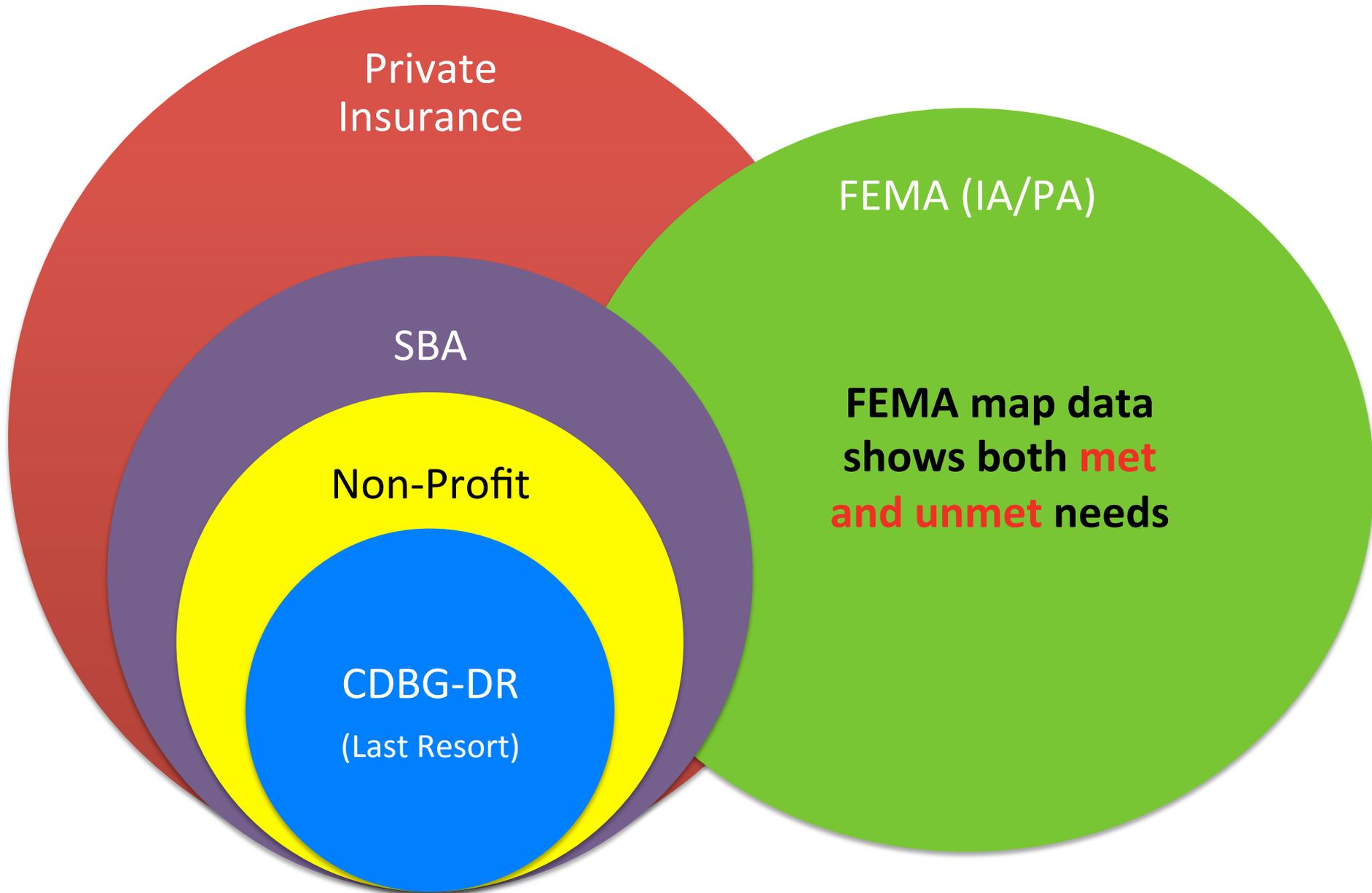
Thick black line: Highways

Thin black line: Major Roads

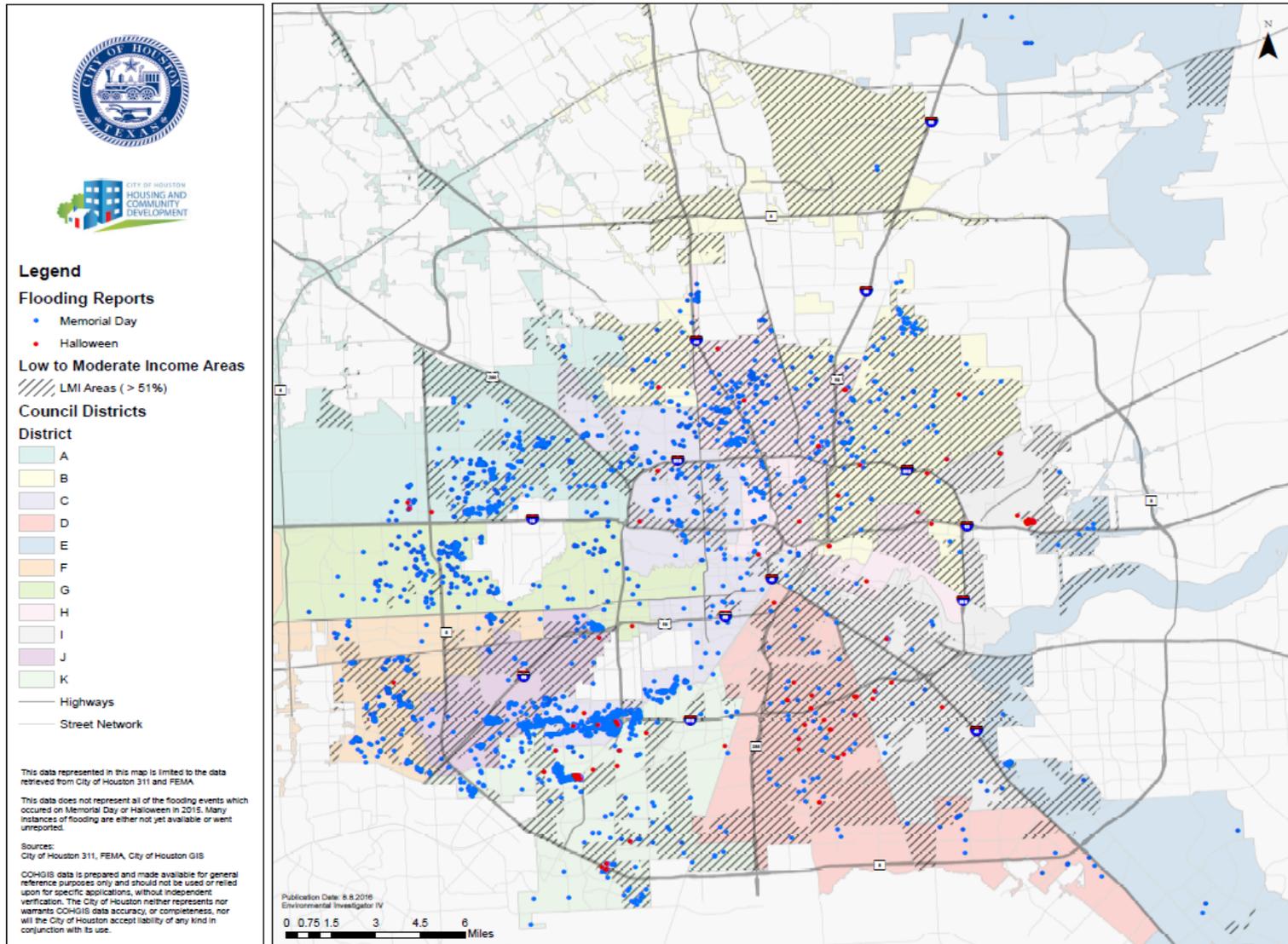


Sources:  
City of Houston GIS

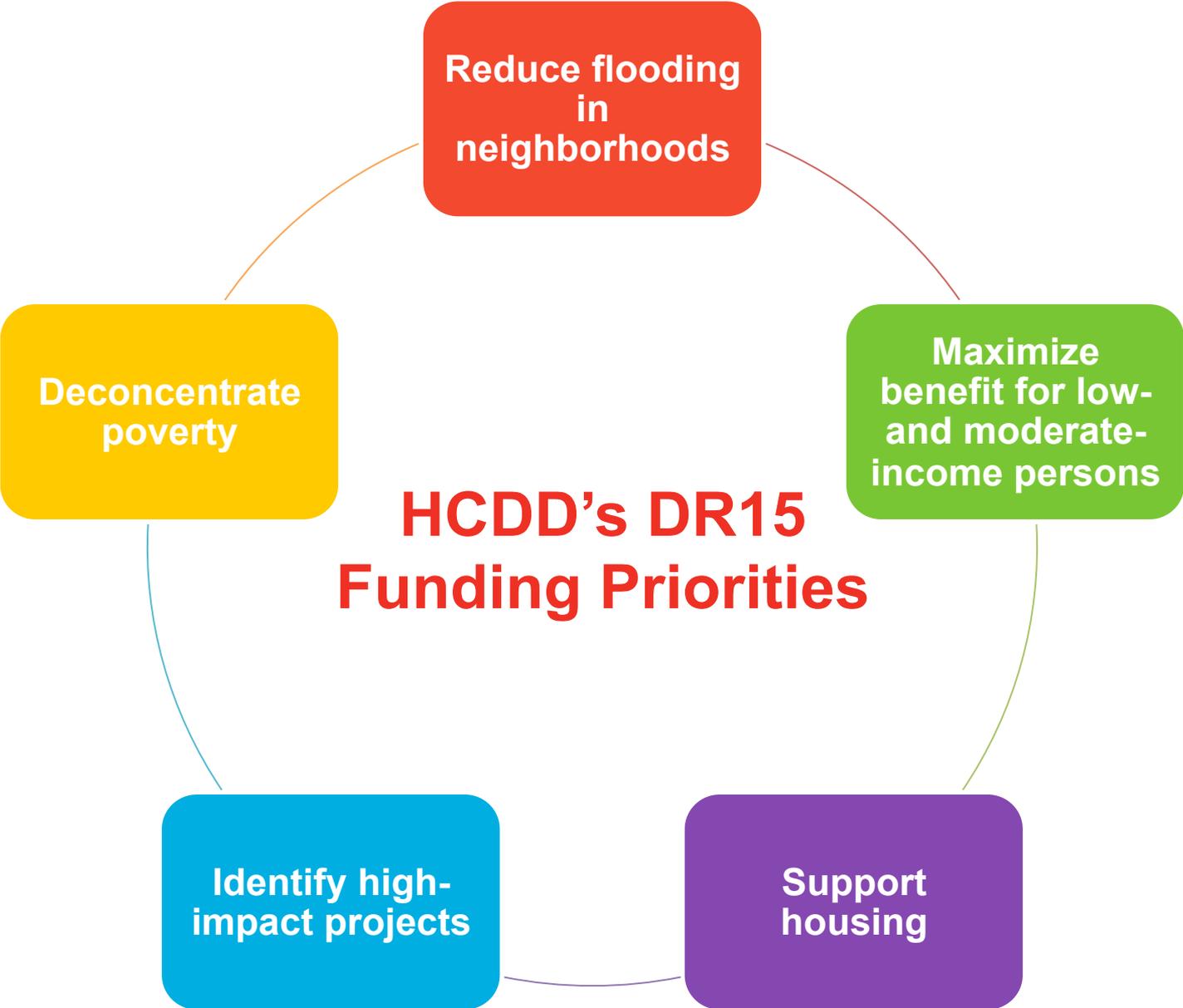
# Funding Hierarchy



# 2015 Memorial Day & Halloween Flooding Reports within LMI Areas and Council Districts



COUNCIL DISTRICTS THESE DISTRICTS WERE CREATED FROM HARRIS COUNTY VOTING TABULATION DISTRICTS WHICH ARE BASED OFF CENSUS BLOCKS. THIS DATA DOES NOT ALWAYS MEET EXISTING BOUNDARIES OF CITY LIMITS AND PARCELS. IF YOU HAVE QUESTIONS ABOUT ANY PARTICULAR DISTRICT PLEASE REFERENCE ORDINANCE 2011-738 TO VERIFY A VOTING TABULATION DISTRICTS COUNCIL ASSIGNMENT. THIS ORDINANCE WILL IN DETAIL BREAK DOWN THE COUNCIL DISTRICTS BY DISTRICT NUMBER.



# Budget Allocation

CDBG-DR15	AMOUNT
Public Facilities and Improvements / Infrastructure	\$51,232,000
Acquisition	\$10,000,000
Planning	\$2,000,000
Administration	\$3,328,000
<b>TOTAL</b>	<b>\$66,560,000</b>

# Possible Projects



## Public facilities

- Drainage
- Ditches
- Detention/greenspace
- Green streets / low impact development



## Acquisition

- Buyout and demo of blighted multifamily properties

July

SUN	MON	TUE	WED	THU	FRI	SAT
					1	2
	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

August

SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

September

SUN	MON	TUE	WED	THU	FRI	SAT
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

October

SUN	MON	TUE	WED	THU	FRI	SAT
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

November

SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

# NEXT STEPS

December

SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

January

SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

February

SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

March

SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

April

SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

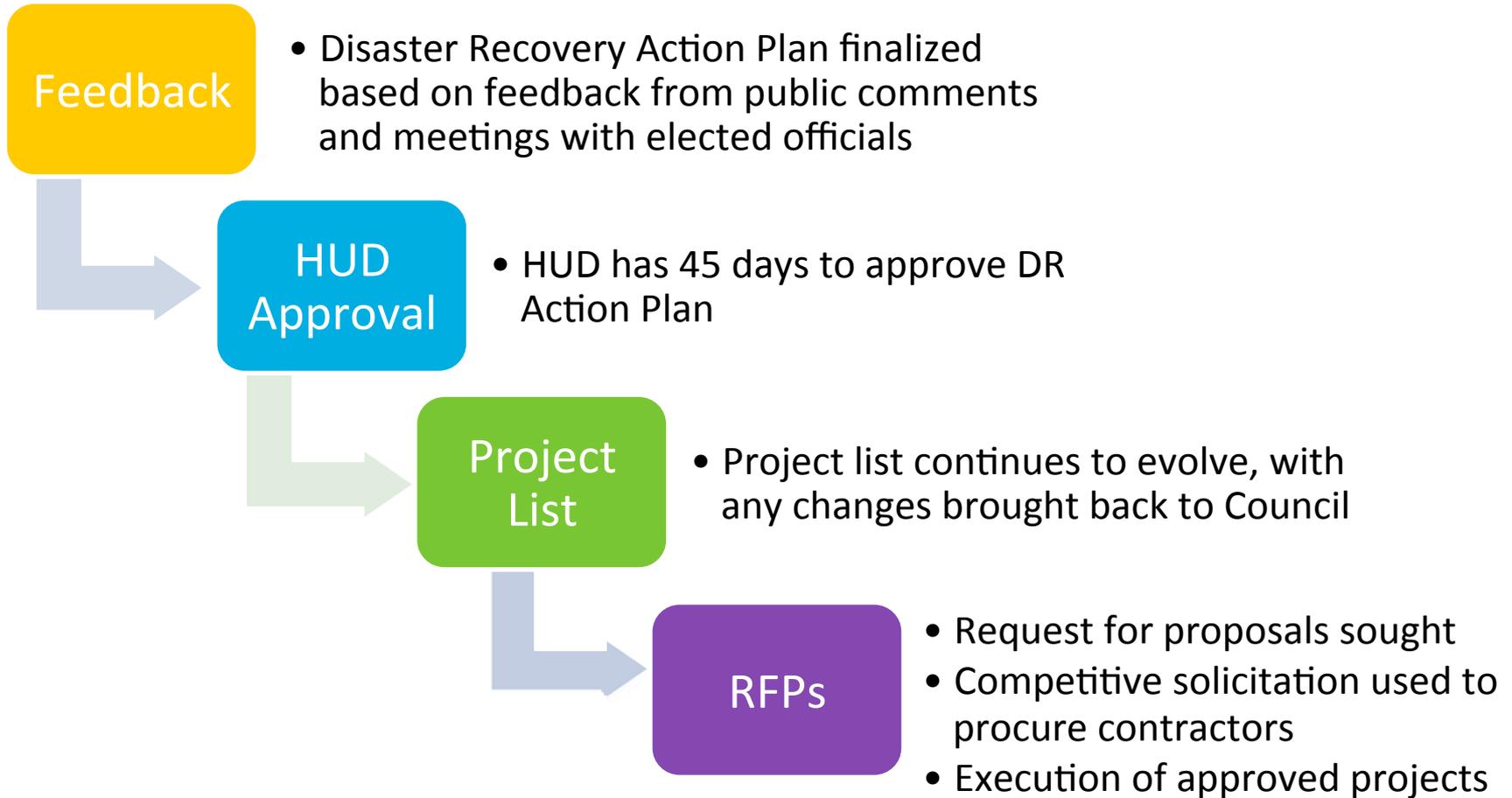
May

SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

June

SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

# What Happens Next?



# Economic Opportunities

**Small and  
minority  
owned  
contractors**

**Monitor HCDD's website for economic opportunities:**

- **Section 3 and other programs**

[HoustonTX.gov/housing/2015\\_Flood\\_Events\\_Recovery](https://HoustonTX.gov/housing/2015_Flood_Events_Recovery)

**City will provide:**

- **Training and technical assistance for businesses wishing to participate**

# Let Your Voice Be Heard

- Send comments to [Mary.Itz@HoustonTX.gov](mailto:Mary.Itz@HoustonTX.gov)
- Attend community meeting  
Sept. 8, 2016.  
Location to be announced.

**Comments accepted through Sept. 8, 2016**

Testimony and responses to comments will be posted on our website  
[HoustonTX.gov/housing/2015\\_Flood\\_Events\\_Recovery.html](http://HoustonTX.gov/housing/2015_Flood_Events_Recovery.html)

# THANK YOU



CITY OF HOUSTON  
HOUSING AND  
COMMUNITY  
DEVELOPMENT



@HoustonHCDD